

IN JUST A FEW STEPS TO THE SIRO LIGHTING SYSTEM

Creating an individual lighting system has never been easier.

SIRO's new lighting configurator provides you with a versatile tool that allows you to plan your ready-to-plug-in LED lighting system quickly and easily, without any prior knowledge.

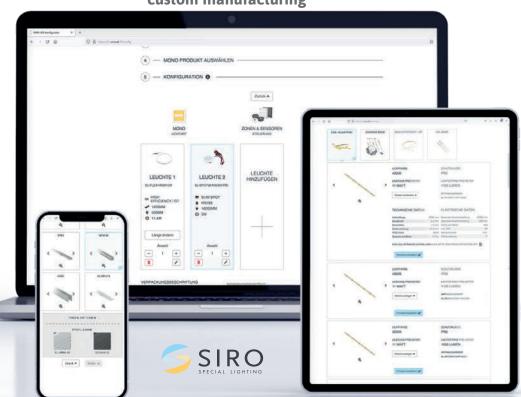
Complete systems, custom luminaires or quotations for the quotation phase - you enter your product requirements and then immediately receive a system price and a summary of all components with dimensional drawings and parts lists for further processing in PDF format.

Sounds simple, and it is. Try it out and create your own custom SIRO lighting system!

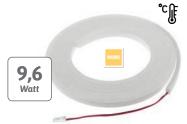
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custom manufacturing







Connection Cable 500 mm



Connection Cable 500 mm

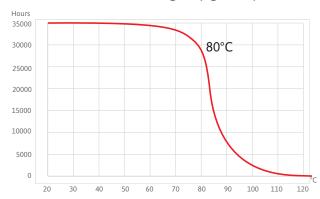


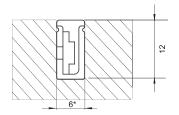
Connection Cable 500 mm

SIRO FLEXLINE // MONO - DUO - RGB

- silicone profile (width: 6 mm, height: 12 mm) with 8 mm wide SIRO LED strips
- uniform and soft light (lateral light channel)
- ▶ dim- and controllable with SIRO MONO DUO RGB Receiver
- can be milled in or used as a superstructure
- extremely heat resistant, ideal for sauna applications
- Flexline IP67, at the ends IP20 (sealable with silicone to increase IP value)
- ▶ different LED band types available
- ▶ MONO fixed color temperature // DUO changeable color temperature // RGB
- lengths from 450 mm to 3000 mm available
- incl. 500 mm connection cable
- Individually configurable via light configurator

TEMPERATURE / LIFETIME diagram (e.g.: sauna)





test milling is recommended before processing

Product No.	Product Description	Lumen
SL-FLEX-AWW10W-*	9,6 Watt Diamond Stripe - 1700K - candle light	180 Lumen
SL-FLEX-XWW10W-*	9,6 Watt Diamond Stripe - 2700K - extra warm white	280 Lumen
SL-FLEX-WW10W-*	9,6 Watt Diamond Stripe - 3000K - warm white	287 Lumen
SL-FLEX-NW10W-*	9,6 Watt Diamond Stripe - 4000K - neutral white	300 Lumen
SL-FLEX-HXWW10W-*	9,6 Watt GT Stripe - 2700K - extra warm white	433 Lumen
SL-FLEX-HWW10W-*	9,6 Watt GT Stripe - 3000K - warm white	460 Lumen
SL-FLEX-HNW10W-*	9,6 Watt GT Stripe - 4000K - neutral white	517 Lumen
SL-FLEX-DUO10W-*	9,6 Watt DUO Diamond Stripe - 2700-6000K	242 Lumen
SL-FLEX-DUOA17W-*	16,8 Watt DUO Diamond Stripe - 1700-5000K	417 Lumen
SL-FLEX-DUO17W-*	16,8 Watt DUO Diamond Stripe - 2700-6000K	484 Lumen
SL-FLEX-RGB15W-*	15 Watt RGB Diamond Stripe	183 Lumen

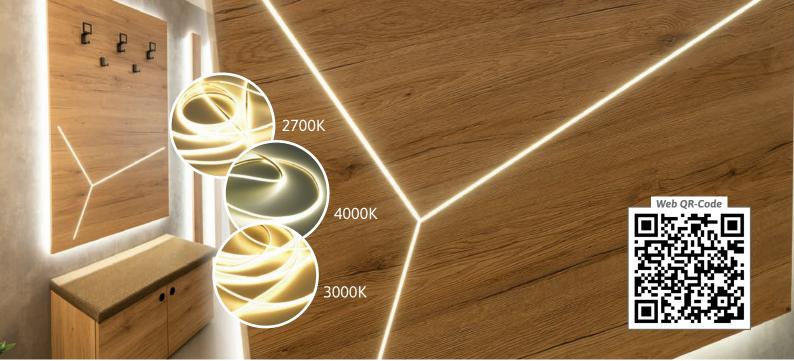
^{*450} mm, 600 mm, 900 mm, 1200 mm, 1500 mm, 2000 mm, 2500 mm, 3000 mm e.g.: SL-FLEX-WW10W in 1200 mm = Product No. SL-FLEX-WW10W-1200













- can be glued on or milled in using a 3.2 mm wide saw blade
- width: 3 mm, 3,6 mm
- length: 1250 mm 2500 mm 5000 mm

universally applicable, easy processing

- 24V DC 3,8 Watt / Meter COB Chip
- 504 LED per meter, 270 315 lumen
- IP 20 (indoor) & IP65 (wet room)
- Color temperature: 2700K 3000K 4000K
- 500 mm connection cable at both ends



Shorten LED strip

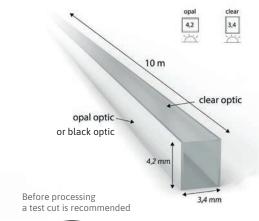
Lift off the adhesive backing with a suitable tool and cut the COB tape at the specified soldering areas!

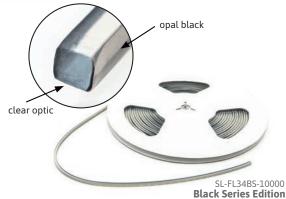


Product No.	Led / M	Color	CRI	width	length	Cut	Volt	IP	Watt /M	Lumen / M	Energy
SL-M2-CNW4W-1250	504	4000K	80	3	1250	35.71	24	20	4	315	G
SL-M2-CNW4W-2500	504	4000K	80	3	2500	35.71	24	20	4	315	G
SL-M2-CNW4W-5000	504	4000K	80	3	5000	35.71	24	20	4	315	G
SL-M2-CWW4W-1250	504	3000K	80	3	1250	35.71	24	20	4	285	G
SL-M2-CWW4W-2500	504	3000K	80	3	2500	35.71	24	20	4	285	G
SL-M2-CWW4W-5000	504	3000K	80	3	5000	35.71	24	20	4	285	G
SL-M2-CXWW4W-1250	504	2700K	80	3	1250	35.71	24	20	4	275	G
SL-M2-CXWW4W-2500	504	2700K	80	3	2500	35.71	24	20	4	275	G
SL-M2-CXWW4W-5000	504	2700K	80	3	5000	35.71	24	20	4	275	G
SL-6M3C4W30-2500A	504	3000K	80	3,6	2500	35.71	24	65	4	285	G
SL-6M3C4W40-2500A	504	4000K	80	3,6	2500	35.71	24	65	4	315	G
SL-1M3C4W30-3MA	528	3000K	80	3	3000	22,73	12	20	4	400	F
SL-1M3C4W40-3MA	528	4000K	80	3	3000	22,73	12	20	4	420	F









FLIPLens optical silicone cover for 3 mm SIRO LED WIRE

- optical silicone cover with clear and opal light refraction
- lack clear optics to be processed with 3.2 mm wide saw blade
- opal optics to be processed with 4 mm cutting or milling width
- different beam angles due to different cutting depths
- FLIPLens enables a sealing function of the cutting edge
- ▶ to be used in combination with 3 mm wide SIRO LED WIRE
- desired length can be cut by means of scissors or knife
- packaging unit: 1 piece

•	total length:	10.000	mm

- width "Clear":...... 3.4 mm
- width "Opal":..... 4.2 mm

milling depth & beam angle	clear	opal
▶ 3,2 x 5 mm:	~ 65°	~160°
▶ 3,2 x 7 mm:	~ 45°	~160°
▶ 3,2 x 9 mm:	~ 25°	~160°

recommended width and depth for flush mounting

▶ 3,2 x 6 mm	clear optic
3,8 x 6 mm:	opal / black optic

Product No.	length	width clear	width opal
	10.000 mm	3,4 mm	4,2 mm
	10.000 mm	3,4 mm	4,2 mm











Point free 5mm MONO COB LED Band 6 Watt

- universally applicable, easy processing
- can be glued on or processed by means of saw blade or cutter
- ▶ cutting width: 5 mm (+0,2 mm tolerance)
- width: 5 mm
- length: 5000 mm or 20000 mm
- ▶ 24V DC 6 Watt / meter COB chip
- ▶ 560 LED per meter, 560 600 lumens
- ▶ IP 20 (indoor)
- Color temperature: 2700K 3000K 4000K
- ▶ 500 mm connection cable at both ends
- can be used with Express 5 mm connection technology







Connect LED stripe

The SIRO tapes can be contacted at the existing solder pads every 20 mm with soldering or Express Clip connection.

Product No.	Led / M	Color	CRI	width	length	Cut	Volt	IP	Watt /M	Lumen / M	Energy
SL-2M5C6W27-5MA	560	2700K	80	5	5000	20,0	24	20	6	560	F
SL-2M5C6W27-20MA	560	2700K	80	5	20000	20,0	24	20	6	560	F
SL-2M5C6W30-5MA	560	3000K	80	5	5000	20,0	24	20	6	570	F
SL-2M5C6W30-20MA	560	3000K	80	5	20000	20,0	24	20	6	570	F
SL-2M5C6W40-5MA	560	4000K	80	5	5000	20,0	24	20	6	600	F
SL-2M5C6W40-20MA	560	4000K	80	5	20000	20,0	24	20	6	600	F





- universally applicable, with 5 mm wide SIRO MONO (Single Color) LED strips
- the flat design of the clips allows a versatile use within discreet aluminum profiles
- solderless assembly, simple contacting by pressing LED strip and connector together
- permanent, secure connection, allows to connect and connect LED strips absolutely reliably (compare with a soldered-connection) within a few seconds
- fast maintenance aid, defective or older LED ribbon segments can be quickly replaced
- quickly replaced with the use of the connectors
- uninterrupted light extension with ribbon to ribbon connector



LED stripe connection cable 500 mm & 2000 mm

- ▶ Connecting cable for 5 mm wide SIRO MONO (Single Color) LED strips
- cable length: 500 mm or 2000 mm with SIRO MONO connector
- max. 3A (72 Watt @ 24V DC)
- ▶ Packing size 5 pcs.

Product No.	Product Description
SL-CLIP2S-DB500S-V5	5 x LED Band Anschlusskabel 500 mm
SL-CLIP2S-DB2000S-V5	5 x LED Band Anschlusskabel 2000 mm



LED stripe to stripe connector

- ▶ LED stripe to stripe connector for 5 mm wide SIRO MONO (Single Color) LED stripes
- uninterrupted extension of COB ribbon segments
- max. 3A (72 Watt @ 24V DC)
- Packing size 5 pcs

Product No.	Product Description
SL-CLIP2S-SS-V5	5 x LED stripe to stripe connector

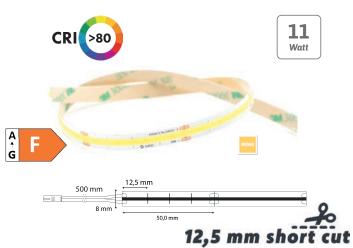
LED stripe corner stripe connector

- ▶ LED stripe corner stripe connector for 5 mm SIRO MONO (Single Color) LED tapes
- max. 3A (72 Watt @ 24V DC)
- Packing size 5 pcs.

Product No.	Product Description	
SL-CLIP2S-SWS-V5	5 x LED stripe corner stripe connector	







Connect LED Stripe

- 1. The SIRO tapes can be connected to the existing solder pads every 50 mm by means of solder or express clip connection.
- 2. In addition, the tapes can be shortened at the black markings every 12.5 mm and contacted with Express Clips.

Point free 11 watt LED stripe

- universally applicable, easy processing
- can be used without heat sink (aluminum profile)
- width: 8 mm, length: 5000 mm resp. 20000 mm
- ▶ 24 V DC 11 Watt / meter COB chip
- ▶ 640 LED per meter, 1100 1210 Lumen per meter
- ▶ IP 20 (indoor) & IP 65 (wet room)
- color temperature: 2700K 3000K 4000K
- ▶ 500 mm connection cable at both ends
- ▶ 20 meter version without connection cable
- ▶ can be used with EXPRESS LED Connection System

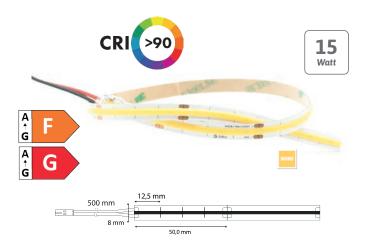








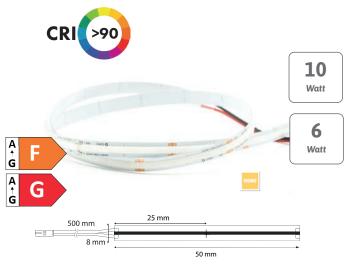
Product No.	Led / M	Color	CRI	width	length	Cut	Volt	IP	Watt /M	Lumen / M	Energy
SL-2M8C11W27-5MA	640	2700K	80	8	5000	12,5	24	20	11	1100	F
SL-2M8C11W30-5MA	640	3000K	80	8	5000	12,5	24	20	11	1155	F
SL-2M8C11W40-5MA	640	4000K	80	8	5000	12,5	24	20	11	1210	F
SL-2M8C11W30-20MA	640	3000K	80	8	20000	12,5	24	20	11	1155	F
SL-2M8C11W40-20MA	640	4000K	80	8	20000	12,5	24	20	11	1210	F
SL-6M8C11W27-5MA	640	2700K	80	8	5000	12,5	24	65	11	1100	F
SL-6M8C11W30-5MA	640	3000K	80	8	5000	12,5	24	65	11	1155	F
SL-6M8C11W40-5MA	640	4000K	80	8	5000	12,5	24	65	11	1210	F



Point free 15 watt LED stripe

- universally applicable, easy processing
- to be used with heat sink (aluminum profile)
- width: 8 mm, length: 5000 mm resp. 20000 mm
- ▶ 24 V DC 15 Watt / meter COB chip
- ▶ 640 LED per meter, 1350 1500 lumen per meter
- ▶ IP 20 (indoor) & IP 65 (wet room)
- ▶ color temperature: 2700K 3000K 4000K
- ▶ 500 mm connection cable at both ends
- ▶ 20 meter version without connection cable
- ▶ can be used with EXPRESS LED Connection System

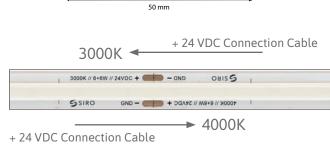
Product No.	Led / M	Color	CRI	width	length	Cut	Volt	IP	Watt /M	Lumen / M	Energy
SL-2M8C15W30-5MA	640	3000K	90	8	5000	12,5	24	20	15	1350	G
SL-2M8C15W40-5MA	640	4000K	90	8	5000	12,5	24	20	15	1500	F
SL-6M8C15W30-5MA	640	3000K	90	8	5000	12,5	24	65	15	1350	G
SL-6M8C15W40-5MA	640	4000K	90	8	5000	12,5	24	65	15	1500	F
SL-2M8C15W30-20MA	640	3000K	90	8	20000	12,5	24	20	15	1350	G
SL-2M8C15W40-20MA	640	4000K	90	8	20000	12,5	24	20	15	1500	F

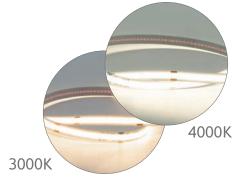


Point free DUAL COB LED stripe

- universally applicable, easy processing
- can be used without heat sink (aluminum profile)
- width: 8 mm, length: 5000 mm and 20000 mm
- 24 V DC 6 Watt / meter or 10 Watt / meter CSP chip
- ▶ 320 + 320 LED per meter, 900 or 1100 lumen per meter
- ▶ IP 20 (indoor)
- ▶ 3000K or 4000K color temperature
- selectable by changing cable polarity
- ▶ 500 mm connection cable at both ends

▶ can be used with EXPRESS LED Connection System





Product No.	Led / M	Color	CRI	width	length	Cut	Volt	IP	Watt /M	Lumen / M	Energy
SL-2M8C10W3040-5MA	320+320	3000K 4000K	90	8	5000	25,0	24	20	10	900 1100	G F
SL-2M8C10W3040-20MA	320+320	3000K 4000K	90	8	20000	25,0	24	20	10	900 1100	G F
SL-2M8C6W3040-5MA	320+320	3000K 4000K	90	8	5000	25,0	24	20	6	540 660	G F
SL-2M8C6W3040-20MA	320+320	3000K 4000K	90	8	20000	25,0	24	20	6	540 660	G F



EXPRESS LED Connection System

- universally applicable, with 8 mm wide SIRO MONO (Single Color) LED strips:
- COB GT High Efficiency DIAMOND XXL series
- the flat design of the clips allows a versatile use within discreet aluminum profiles
- solderless assembly, easy contacting by pressing LED stripe and connector together
- permanent, secure connection, allows to connect and connect LED strips absolutely reliable (compare with a soldered connection) within a few seconds
- fast maintenance aid, defective or older LED stripe segments can be quickly replaced with the use of the connectors
- light extension with stripe to stripe connector

Usable with 8 mm wide SIRO MONO LED strips









Product No. Product Description

SL-CAB2-5000	1 x 5 meter Cable 2 wire
SL-CAB2-25000	1 x 25 meter Cable 2 wire
SL-CAB2-IC-V5	5 x I-Connector
SL-CAB2-TC-V5	5 x T-Connector
SL-CLIP2-DB500S-V5	5 x LED Stripe Cable 500 mm
SL-CLIP2-DB2000S-V5	5 x LED Stripe Cable 2000 mm
SL-CLIP2-SC60S-V5	5 x LED Stripe-Cable-Stripe Connector
SL-CLIP2-SS-V5	5 x LED Stripe to Stripe Connector
SL-CLIP2-SWS-V5	5 x LED Stripe Corner Stripe Connector







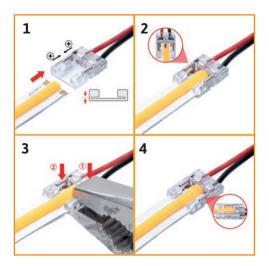








How to work with EXPRESS Connection Clips



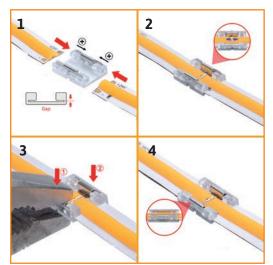
LED Stripe Connection Clip // Stripe - Cable - Stripe Clip

- Cut the LED tape to the desired length.
- ▶ Push the LED strip into the connection clip till the end.
- ▶ Check the correct polarity of the positive wire.
- Press the connection clip with a suitable tool.
- Check the connection of the LED strip with a 24 volt power supply.





Watch the video for an easy understanding and test yourself with a quick, easy and solid connection.



LED Stripe to Stripe Connection Clip

- Cut the LED tape to the desired length.
- ▶ Push the first LED strip into the middle of the connection clip.
- Push the second LED strip into the other side of the connection clip.
- Check the correct polarity of both LED strips.
- Press the connection clip with a suitable tool.
- ▶ Check the connection of the LED strip with a 24 volt power supply.

Video QR Code _



Watch the video for an easy understanding and test yourself with a quick, easy and solid connection.

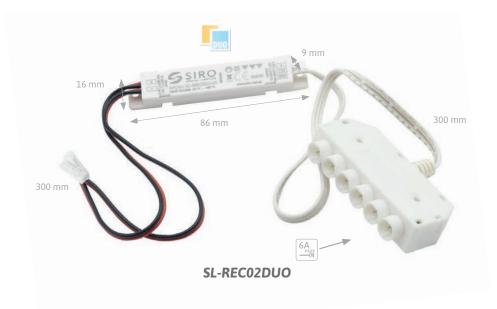
MONO RECEIVER - 24V DC



- ▶ control for SIRO MONO LED lighting products by means of 4 zone controller and/or sensors
- controllable with up to 8 control elements (zone controller, sensors) per receiver
- ▶ small, compact design, ideal for furniture applications
- ▶ simple and fast installation by means of plug-in connection
- ▶ input: 24 VDC // 2 x 300 mm connection cable with SIRO MONO connectors (max. 3A per connection cable = 72 Watt)
- Output: max. 72 Watt at 12 VDC // max. 144 Watt at 24 VDC
- ▶ 6-way distribution box with 300 mm connection cable for SIRO MONO lighting products

Product No.	Dimensions (LxWxH)	Output Power
SL-24REC02MONO	86x16x9	144 Watt

DUO RECEIVER - 24V DC



- ▶ control of SIRO DUO LED lighting products by means of 2 zone controllers and/or sensors
- controllable with up to 8 control elements (zone controller, sensors) per receiver
- small, compact design, ideal for furniture applications
- ▶ simple and fast installation by means of plug-in connection
- ▶ input: 24 VDC // 2 x 300 mm connection cable with SIRO MONO plug (max. 3A per connection cable = 72 Watt)
- ▶ output: max. 144 Watt at 24 VDC
- ▶ 6-way distribution box with 300 mm connection cable for SIRO DUO lighting products

Prod	uct No.	Dimensions (LxWxH)	Output Power
SL-R	EC02DUO	86x16x9	144 Watt

4 ZONE CONTROLLER







SL-SZ2DUO-K1 black



SL-SZ2DUO-K60 white



- ▶ 4 zone control for SIRO MONO LED products, one SL-24REC02MONO Receiver is required for each zone
- ▶ Dimming function
- ▶ battery operated CR 3032
- ▶ can be used in combination with SIRO sensors
- incl. frame for mounting in the usual environment
- frame mounting with screws or adhesive pads (adhesive pads included in delivery)

Product No.	Dimensions (LxWxH)	Color
SL-SZ4MONO-K6	50 51x51x7	white
SL-SZ4MONO-K1	51x51x7	black

2 ZONE CONTROLLER



- ▶ 2 zones control for SIRO DUO LED product, one SL-REC02DUO receiver is required per zone
- ▶ control of color temperature between warm and cool white
- ▶ dimming function (10 100%)
- ▶ battery operated TYPE CR 3032
- ▶ can be used in combination with SIRO sensors
- ▶ incl. frame for mounting in the usual environment
- frame mounting with screws or adhesive pads (adhesive pads included in delivery)

Product No.	Dimensions (LxWxH)	Color
SL-SZ2DUO-K60	51x51x7	white
SL-SZ2DUO-K1	51x51x7	black



TOUCH SENSOR

SL-TOUCH35-K1 // SL-TOUCH35-K60

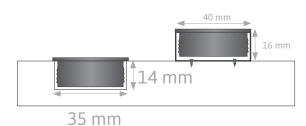




Battery CR 3032



- ▶ SL-TOUCH35 controls paired receivers by touching the sensor surface
- ▶ controls SIRO MONO and DUO REC02 RECEIVER (SL-24REC02MONO // SL-REC02DUO)
- ▶ small, compact design, ideal for furniture applications (concealed installation options)
- ▶ controllable with up to 8 control elements (zone control, sensors) per receiver
- wireless installation and control
- ▶ cost and time efficient maintenance
- > can be milled in or used as surface-mount variant with surface-mount ring
- easy and fast installation
- ▶ dimming function



Product No. D	imensions (DxH)	Color
SL-TOUCH35-K60	40x13,5	white
SL-TOUCH35-K1	40x13,5	black

MAGNETIC SENSOR

SL-MAG35-K1 // SL-MAG35-K60





SL-MAG35-K60 white



Battery CR 3032

- ▶ SL-MAG35 controls coupled receivers by approaching a magnet on the sensor surface
- ▶ controls SIRO MONO and DUO REC02 RECEIVER (SL-24REC02MONO // SL-REC02DUO)
- ▶ small, compact design, ideal for furniture applications
- wireless installation and control
- cost and time efficient maintenance
- can be milled in or used as surface mount version with surface mount ring
- ▶ simple and fast installation

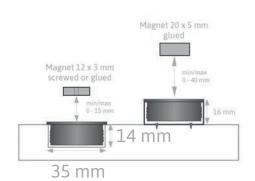
Product No.	Dimensions (DxH)	Farbe
SL-MAG35-K60	40x13,5	weiß
SL-MAG35-K1	40x13,5	schwarz

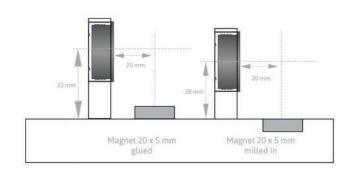
MAGNET SL-MAG-D20H5-V5



- ▶ Magnet with greater effective force
- ▶ for use with SIRO magnetic sensor SL-MAG35-K1 // SL-MAG35-K60
- with adhesive pad for quick and easy mounting
- ▶ 5 pieces per package

Product No.	Dim	ensions (DxH)	Quantity
SL-MAG-D20H5-	V5	20x5	5 pcs





Power Supply - 24V DC IP20



20 Watt

Product No.	Dimensions (LxWxH)	Power
SL-NT24CV20W-DB1	103x35,5x16	20 Watt



Product No.	Dimensions (LxWxH)	Power
SL-NT24CV60W-DB1	159,9x57,8x18	60 Watt



Product No.	Dimensions (LxWxH)	Power
SL-NT24CV100W-DB1	321x30x18,2	100 Watt



Product No.	Dimensions (LxWxH)	Power
SL-NT24CV150W-DB1	322,6x30x21,5	150 Watt

- ▶ Power supply for LED lamps with constant voltage (24 VDC).
- ▶ Protection class 2 against electric shock by direct and indirect contact
- ▶ IP 20 suitable for indoor use
- Protection against interruption, short circuit, overload and overheating
- ▶ standby < 0,3W
- ▶ 2000 mm connection cable with 90° angled Euro plug (230 VAC)
- ▶ 6-way distribution box with 250 mm connection cable for SIRO receiver



OUTPUT:

6-way distributor box for the connection of SIRO Receiver (REC02 2x3A = 144 W at 24 VDC) or

MONO LED products with maximum 3A per connection cable



INPUT:

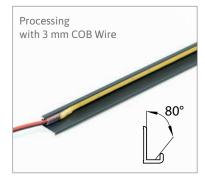




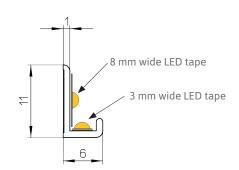


one4all - Aluminium Profil

- ▶ Elegant and versatile
- Quick installation due to simple gluing in the furniture -.high adhesion of the adhesive back!
- Glue in LED band: Peel off the adhesive back of the profile stick the profile in the desired place.
- ▶ Slim design fits perfectly into any interior and is ideal for shelves, cabinets or display cases.
- ▶ The profile can be processed horizontally or vertically
- Can be used with 3 mm SIRO COB Wire, 5 mm or 8 mm wide LED strips
- Available in matte black (PB12), white matt (PB32) or anodized aluminum (AL1) finish.
- Perfect lighting without a cover: our LED aluminum profile was specially developed for furniture lighting and offers a beam angle that is particularly suitable for this purpose. Without a cover, no light is lost and the lighting is particularly effective and efficient
- Available in 2000 mm or 2950 mm length







Product No.	length	Dimensions (LxBxH)	Color	Quantity per Product
SL-PR148AL1-2M-V10	2000	2000 x 11 x 6 mm	Aluminum anodized	10
SL-PR148AL1-3M-V10	2950	2950 x 11 x 6 mm	Aluminum anodized	10
SL-PR148PB12-2M-V10	2000	2000 x 11 x 6 mm	black matt	10
SL-PR148PB12-3M-V10	2950	2950 x 11 x 6 mm	black matt	10
SL-PR148PB32-2M-V10	2000	2000 x 11 x 6 mm	white matt	10
SL-PR148PB32-3M-V10	2950	2950 x 11 x 6 mm	white matt	10

