



















MONO - DUO2POL - RGB

Lighting Design by SIRO

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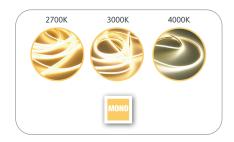


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LIGHT IS MORE THAN JUST BRIGHTNESS!

Light is so much more than just illumination – it is a design element that significantly influences the effect of a room and its furnishings. It creates atmosphere, provides orientation, and has the power to evoke emotions. With the right lighting, you can not only set the scene for a room, but also enhance the value of furniture. Whether it's a stylishly lit shelf, a floating sideboard, or a cabinet with indirect light – well-thought-out lighting installations turn your furniture into true highlights. Find the right lighting to match your mood and your space – because lighting should not just illuminate, but inspire! This is how you add a personal touch to your home, create accents, and emphasise every mood. Discover how versatile light can be – and how it makes your rooms and furniture shine in a whole new light!







4000K-6000K - Neutral White / Cool White: Crisp and Clear

This neutral white light is ideal for work areas, kitchens, and wardrobes, enhancing focus and clarity.

3000K - Warm White: Warm and Inviting

A soft warm white that creates a welcoming and cosy atmosphere. Perfect for living rooms, dining areas, or retail spaces.

2200K-2700K - Extra Warm White: Soft and Relaxing

This extra warm white adds a touch of intimacy and elegance, creating an even cozier atmosphere in bedrooms, lounges, wellness areas, and dining rooms.

Whether functional, atmospheric, or versatile – whether simple, flexible, or colourful – find the LED system that perfectly suits your style and adjust your lighting to match your mood.



MONO - Monochrome Lighting System: The Classic for Clear Light.

Go for pure elegance: The MONO system provides reliable and homogeneous lighting in a fixed light colour perfect for those who appreciate simple perfection.



DUO2POL – Smart Control with Minimal Effort – Two-Colour Adjustable Light with 2 Poles. Maximum functionality with minimal installation effort: The DUO-2Wire system combines the benefits of DUO with simple wiring. Perfect for renovations and retrofitting.



RGB – Colour-Changing Lighting System – Creates Colourful Light Effects in Red, Green, Blue – Decorative Lighting, Ambience, or Highlights.

For those who want to design with light: The RGB system offers a huge colour palette to create true highlights. From vibrant and colourful to calming and soft – your creativity knows no bounds.



BRIGHT TASK LIGHTING? (KITCHEN / OFFICE / WARDROBE)

For productive days and focused work, we offer a selection of bright task lighting. Experience glare-free light that perfectly illuminates your workspace and ensures maximum productivity. If you're looking for spot-free lighting, we recommend, for example, 15 Watt VIPER LED strips.

Item No	Product description
SL-2M8RP15W40	VIPER 15 Watt 4000K

AMBIENT LIGHTING (BEDROOM / BAR / LIVING ROOM)

Create a cosy atmosphere for social evenings, quiet moments, or romantic times for two. Light doesn't need to be bright to have a big impact. We recommend strips in the range of 4-11 watts.

Item No	Product description
SL-2M8DP10W30	Diamond Pro 10 Watt 3000K

EFFECT LIGHTING IN FURNITURE (DISPLAY CABINETS / CUPBOARDS)

Showcase your furniture with finesse and give your room that special touch with our furniture lighting. Thinner and more flexible LED strips are often used here, making them easy to integrate into furniture pieces. Highlight collectibles and artworks with spotlights, creating a unique atmosphere in your home.

We recommend, for example, the spot-free 5 mm Mono COB LED strip with 6 watts or Mini Spots.

Item No Product description	
CL 2MECCAN27 EMP	Warm White 6 Watt MONO COB LED Strip (5 m) 2700K
SL-2M5C6W27-5MB	Other lengths & variants available
CL CDOTOR WWW.1W. DD12	Mono Mini 0.8 Watt Recessed Spotlight (Black) 3000K
SL-SPOT08-WW1W-PB12	Other colours available



ENVIRONMENTALLY FRIENDLY SWITCHING WITHOUT POWER SUPPLY & BATTERY?

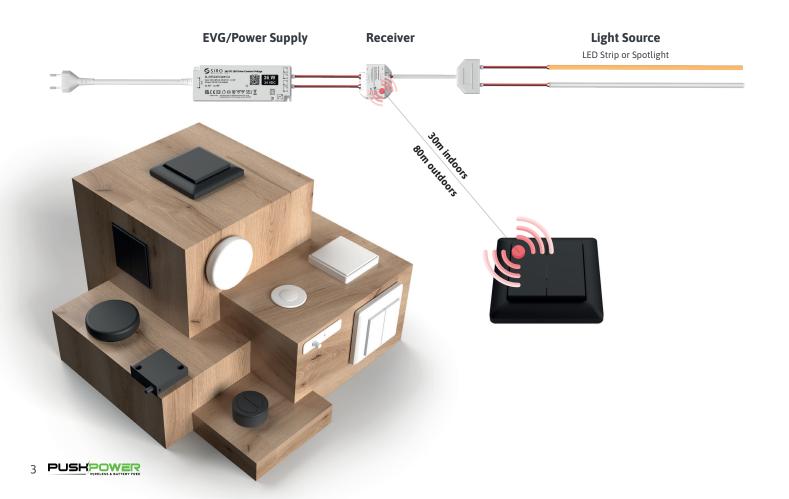
"If an idea does not seem absurd at first, it is worthless." Albert Einstein



New Standards in Lighting Technology: No Batteries. No Maintenance. No Wiring. Maximum Freedom!

Experience the freedom of battery-free switches that are activated by motion energy alone. Tested 100.000 times, this eco-friendly solution eliminates the need for constant battery replacements and the hassle of wiring. Our switches provide a clean, stylish, and practical lighting solution—easy to install and even easier to use. The innovative 55mm frame switches, compatible with many frames from popular manufacturers, are available in 2-way and 4-way versions that function as changeover switches. This flexibility allows for comprehensive and customizable control of your lighting.

HOW IS THE SYSTEM PUT TOGETHER?





HOW IS THE SYSTEM COMPOSED?

EVG/Power supplies (IP20)



Receiver



Light source

Spot / LED strip



OVERVIEW - CONTROL cable- and battery-free switching technology

Standard 55

2-Way switch (55 mm) black & white



SL-PP55W2K60 (white) SL-PP55W2K1 (black)

Standard 55

4-Way switch (55 mm) black & white



SL-PP55W4K60 (white) SL-PP55W4K1 (black)

Furniture surface-mounted

2-Way switch (55 mm) black & white



SL-PPA55W2K60 (white) SL-PPA55W2K1 (black)

Furniture surface-mounted

4-Way switch (55 mm) black & white



SL-PPA55W4K60 (white) SL-PPA55W4K1 (black)

Furniture built-in

2-Way switch (55 mm / Recess-mountable) black & white



SL-PPI55W2K60 (white) SL-PPI55W2K1 (black)

Furniture built-in

4-Way switch (55 mm / Recess-mountable) black & white



SL-PPI55W4K60 (white) SL-PPI55W4K1 (black)

Mini 35

1-Way push button (40 mm / Recess-mountable) black & white



SL-PP40K60 (white) SL-PP40K1 (black)

Mini 35

2-Way push button (40 mm / Recess-mountable) black & white



SL-PP40W2K60 (white) SL-PP40W2K1 (black)

Cookie

1-Way push button (62 mm) black & white



SL-PP62K60 (white) SL-PP62K1 (black)

Door contact switch

Switch for doors/drawers (Recess-mountable) black & white



SL-PPDOOR01K60 (white) SL-PPDOOR01K1 (black)

Surface-mounted 86 (IP67)

2-Way switch (86 mm) black & white



SL-PP86IP-W2K60 (white) SL-PP86IP-W2K1 (black)



2-WAY LIGHT SWITCH for 55 mm frame

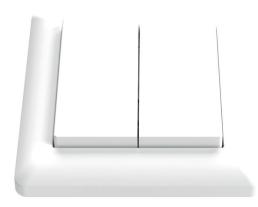


SL-PP55W2K1 (black)
SL-PP55W2K60 (white)

PRODUCT FEATURES

- ▶ 2- and 4-way switches for controlling SIRO PUSHPOWER receivers
- Also compatible with many other 55 mm switch frame systems
- No battery or wiring required
- Battery-free device without external power supply
- ► Transmission energy is generated from mechanical energy when the rocker is activated
- Radio-based range up to 80 metres outdoors and 30 metres indoors
- One button can be connected to any number of PUSHPOWER receivers
- Change-over switch function when using multiple switches
- ▶ 2-way: Two independent MONO areas, or one DUO or RGB area controllable
- ▶ 4-way: Four independent MONO areas, or two DUO or RGB areas controllable
- Available in white (K60) and black (K1) versions
- ▶ Frame and base plate included

4-WAY LIGHT SWITCH for 55 mm frame



SL-PP55W4K1 (black) SL-PP55W4K60 (white)

DIMENSIONS

Switch with frame (LxWxH): 80 x 80 x 17 mm
 Switch without frame (LxWxH): 55 x 55 x 17 mm

TECHNICAL FEATURES

Transmission protocol: RF 433 MHz

▶ IP Rating: IP20



Can be combined with standard frames with a 55 mm insert.



SWITCH CONSTRUCTION

- 1 Base plate
- 2 Cover frame
- 3 Radio module
- 4 Rocker (2-way or 4-way)



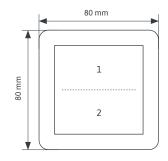
INSTALLATION

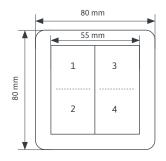
- On a standard device box (DIN 49073) or on smooth, even surfaces by screwing or gluing
- 1. Ensure the surface is clean, grease-free and stable
 - 2. Press the base plate (1) onto the adhesive points or fix with screws
 - 3. Clip the cover frame (2) onto the base plate
 - 4. Clip on the radio module (3)
 - 5. Clip on the rocker (4)

SAFETY AND INSTALLATION INSTRUCTIONS

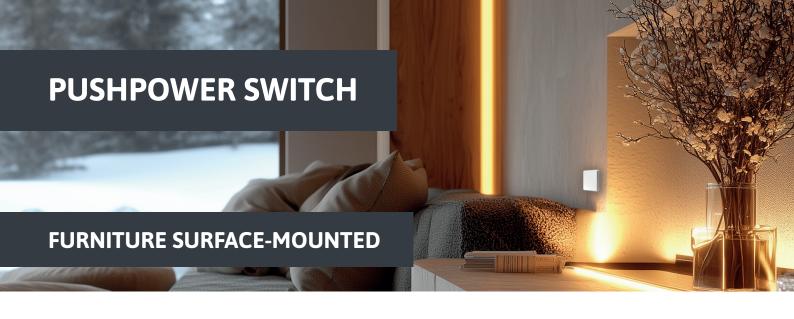
- This product is not a toy and is not suitable for children
- ▶ The SIRO LED system is designed for indoor use
- Unprotected use (outdoors) is not permitted
- Contact with moisture must be strictly avoided

TECHNICAL DRAWING









2-WAY FURNITURE-MOUNTED SWITCH with 60 mm frame



SL-PPA55W2K1 (black)
SL-PPA55W2K60 (white)

PRODUCT FEATURES

- 2- and 4-way switches for controlling SIRO PUSHPOWER receivers
- Compatible with many 55 mm switch frame systems
- No battery or wiring required
- ▶ Battery-free device without external power supply
- Transmission energy generated from mechanical energy when the rocker is activated
- Radio-based range up to 80 metres outdoors and 30 metres indoors
- ▶ 1 button can be connected to any number of PUSHPOWER receivers
- ▶ Change-over switch function when using multiple switches
- ▶ 2-way: two independent MONO areas or one DUO or RGB area controllable
- ▶ 4-way: four independent MONO areas or two DUO or RGB areas controllable
- Available in white (K60) and black (K1) versions
- ▶ Frame and base plate included

4-WAY FURNITURE-MOUNTED SWITCH with 60 mm frame



SL-PPA55W4K1 (black)
SL-PPA55W4K60 (white)

INSTALLATION

- On smooth, even surfaces by screwing or gluing
- 1. Ensure the surface is clean, grease-free, and stable
 - 2. Press the frame (1) onto the adhesive points or fix with screws
 - 3. Clip the rocker onto the radio module (2)







SWITCH CONSTRUCTION

2 Rocker (2-way or 4-way) with radio module

DIMENSIONS

Switch with frame (LxWxH): 60 x 60 x 17 mm

TECHNICAL FEATURES

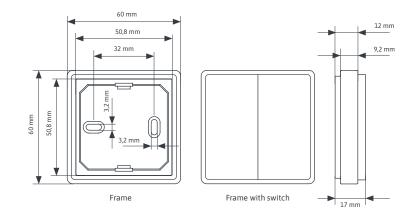
Transmission protocol: RF 433 MHz

IP Rating: IP20

SAFETY AND INSTALLATION INSTRUCTIONS

- This product is not a toy and is not suitable for children
- The SIRO LED system is designed for indoor use
- Unprotected use outdoors is not permitted
- Contact with moisture must be strictly avoided

TECHNICAL DRAWING





2-WAY FURNITURE BUILT-IN SWITCH with 60 mm frame



SL-PPI55W2K1 (black)
SL-PPI55W2K60 (white)

PRODUCT FEATURES

- ▶ 2- and 4-way switches for controlling SIRO PUSHPOWER receivers
- Compatible with many 55 mm switch frame systems
- No battery or wiring required
- ▶ Battery-free device without external power supply
- Transmission energy generated from mechanical energy when the rocker is operated
- Radio-based range up to 80 metres outdoors and 30 metres indoors
- ▶ 1 button can be connected to any number of PUSHPOWER receivers
- Change-over switch function when using multiple switches
- ▶ 2-way: Two independent MONO areas or one DUO or RGB area controllable
- ▶ 4-way: Four independent MONO areas or two DUO or RGB areas controllable
- Available in white (K60) and black (K1) versions
- Frame and base plate included

4 -WAY FURNITURE BUILT-IN SWITCH with 60 mm frame



SL-PPI55W4K1 (black) SL-PPI55W4K60 (white)

INSTALLATION

- Milling depth: min. 14 mm
- 1. Mill and glue the frame (1) or fix it with screws
 - 2. Clip the rocker onto the radio module (2)







SWITCH CONSTRUCTION

2 Rocker (2-way or 4-way) with radio module

DIMENSIONS

Switch with frame (LxWxH): 63 x 63 x 17 mm

TECHNICAL FEATURES

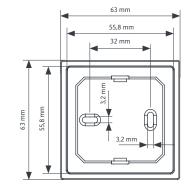
Transmission protocol: RF 433 MHz

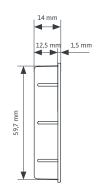
IP Rating: IP20

SAFETY AND INSTALLATION INSTRUCTIONS

- This product is not a toy and is not suitable for children
- The SIRO LED system is designed for indoor use
- Unprotected use outdoors is not permitted
- Contact with moisture must be strictly avoided

TECHNICAL DRAWING







COOKIE with 62 mm diameter



SL-PP62K1



SL-PP62K60

PRODUCT FEATURES

- Push button for sticking in a room or on furniture
- No battery or wiring required
- Battery-free device without external power supply
- Transmission energy generated from mechanical energy when the push button is pressed
- Radio-based range up to 80 metres outdoors and 30 metres indoors
- Push button can be connected to any number of PUSHPOWER receivers
- Functions: For full functionality of DUO2POL or RGB, a 2- or 4-way switch is required. ON - OFF - DIMMING for MONO receivers; no colour change possible for DUO2POL or RGB!
- Starts in middle position at full brightness
- Change-over switch function when using multiple switches
- Available in black (K1) and white (K60) versions

SAFETY AND INSTALLATION INSTRUCTIONS

- This product is not a toy and is not suitable for children
- The SIRO LED system is designed for indoor use
- Unprotected use outdoors is not permitted
- Contact with moisture must be strictly avoided

INSTALLATION

- Can be used freely
- Fix in place using adhesive ring

TECHNICAL FEATURES

- Transmission protocol: RF 433 MHz
- IP44 IP Rating:
 - (IP20 when adhesive backing is removed)

SCOPE OF DELIVERY

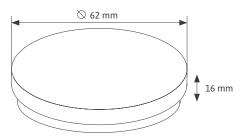
- Push button
- Circular adhesive tape

DIMENSIONS

Push button (DxH): 62 x 16 mm



TECHNICAL DRAWING





1-WAY MINI35 with 35/40 mm diameter.



SL-PP40K1 (black) SL-PP40K60 (white)

2-WAY MINI35 with 35/40 mm diameter



Fig. in original size

SL-PP40W2K1 (black) SL-PP40W2K60 (white)

SCOPE OF DELIVERY

Push button and mounting ring



PRODUCT FEATURES

- Mini 35 push button for recessing with 35 mm diameter
- No battery or wiring required
- Battery-free device without external power supply
- Transmission energy generated from mechanical energy when the push button is pressed
- Radio-based range up to 80 metres outdoors and 30 metres indoors
- Push button can be connected to any number of PUSHPOWER receivers
- Functions: For full functionality of DUO2POL or RGB, a 2-way Mini switch is required. With 1-way Mini: no colour change possible for DUO2POL & RGB
- Change-over switch function when using multiple switches
- Available in white (K60) and black (K1) versions

SAFETY AND INSTALLATION INSTRUCTIONS

- This product is not a toy and is not suitable for children
- The SIRO LED system is designed for indoor use
- Unprotected use outdoors is not permitted
- Contact with moisture must be strictly avoided

INSTALLATION

Recess-mountable with 35mm drill bit

Milling depth (1-way):

Drill diameter: 35 mm Milling depth (2-way): min. 15 mm

DIMENSIONS

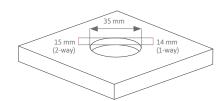
Push Taster 2-way (DxH): 40 x 19 mm

Push Taster 1-way (DxH): 40 x 17 mm

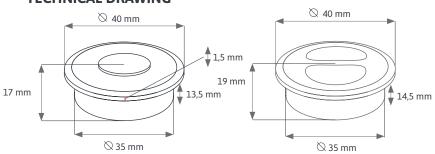
TECHNICAL FEATURES

Transmission protocol: RF 433 MHz

IP Rating: IP20



TECHNICAL DRAWING



cup

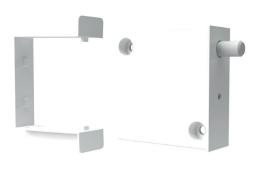
min. 14 mm



SWITCH FOR HINGED DOORS AND DRAWERS

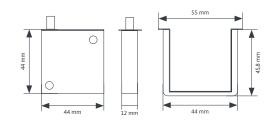


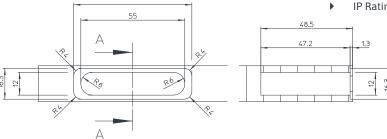
SL-PPDOOR01K1



SL-PPDOOR01K60

TECHNICAL DRAWING





PRODUCT FEATURES

- Switch for hinged doors and drawers
- Suitable for recessing, screwing, or sticking
- No battery or wiring required
- Battery-free device without external power supply: transmission energy is generated from mechanical energy when the sensor contact is activated
- Radio range up to 80 m outdoors and 30 m indoors
- Can be connected to any number of PUSHPOWER receivers
- Functions: ON OFF no colour change possible!
- Can be combined with multiple sensors or switches
- Available in white (K60) and black (K1) versions

INSTALLATION

- Recess-mount, screw, or stick the switch in place
- Placement on the door fitting side is recommended
- For recessing, please follow the technical milling diagram Milling depth: 46.5 mm, Milling height: 12.0 mm, Milling width: 55.0 mm

DIMENSIONS

Switch with adapter (LxDxH): 55 x 46 x 12 mm Switch without adapter (LxWxH): 44 x 44 x 12 mm

SAFETY AND INSTALLATION INSTRUCTIONS

- This product is not a toy and is not suitable for children
- The SIRO LED system is designed for indoor use
- Unprotected use outdoors is not permitted
- Contact with moisture must be strictly avoided

TECHNICAL FEATURES

Transmission protocol: RF 433 MHz

Range: 30 metres (indoors)

IP Rating: IP20



2-WAY OUTDOOR SWITCH IP 67

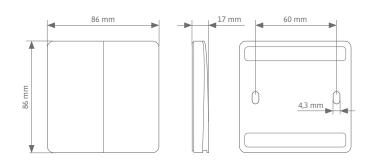


SL-PP86IP-W2K1



SL-PP86IP-W2K60

TECHNICAL DRAWING



PRODUCT FEATURES

- 2-way switch for wet rooms and outdoor control
- No battery or wiring required
- Battery-free device without external power supply
- Transmission energy generated from mechanical energy when the rocker is operated
- Includes magnetic wall mount
- Radio-based range up to 30 metres indoors and 80 metres outdoors
- One button can be connected to any number of PUSHPOWER receivers
- Change-over switch function when using multiple switches
- Two independent MONO areas, one DUO area, or one RGB area controllable
- For DUO and RGB: the first learned button acts as ON/OFF the adjacent button controls the colour setting
- Available in white (K60) and black (K1) versions
- Adhesive strip included

INSTALLATION

- Magnetic wall mount screw or stick in place
- 1 Ensure the surface is clean, grease-free, and stable
- 2 Press the magnetic wall mount onto the adhesive points or fix with screws
- 3 Position the switch on the magnetic wall mount
- The magnetic mounting plate supplied can also be used for mobile use

DIMENSIONS

Switch (L×W×H): 86 x 86 x 17 mm

SAFETY AND INSTALLATION INSTRUCTIONS

- This product is not a toy and is not suitable for children
- This SIRO PUSHPOWER switch is suitable for outdoor use

TECHNICAL FEATURES

Transmission protocol: RF 433 MHz

IP Rating: IP67



PERFECT ENERGY FOR SMART LIGHTING SOLUTIONS

Discover SIRO's intelligent power supplies – precisely matched to our high-quality LED lighting products and sensors. Our power supplies offer maximum reliability, smart sensor compatibility and simple plug-and-play installation – ideal for modern lighting solutions in residential and commercial spaces.

Your benefits with SIRO power supplies:

Sensor-ready: All models can be connected directly to motion, dusk, or proximity sensors -

without additional modules or complicated wiring.

Reliable & safe: Integrated protection against short circuit,

overload, and overheating ensures maximum service life and operational safety.

Wide range of power classes: From the compact 18 W power supply to the powerful 150 W power

supply – the right source for every lighting installation.

International use thanks to pluggable input system

A special highlight of our power supplies is the detachable mains input plug.

This provides maximum flexibility for international projects: a Euro power cable (C7 to CEE 7/16 Europlug Type C) is included in the scope of delivery. For other countries, the cable can simply be replaced with the appropriate country-specific cable (e.g. UK, US, CH).

Benefit: Flexible and internationally usable without an adapter.

Depending on the country, the appropriate plug can simply be connected – with no adapters or modifications required.

UK plug (Type G) – for the United Kingdom, Ireland, Malta, Hong Kong

US plug (Type A/B) - for the USA, Canada, Japan

AU plug (Type I) - for Australia, New Zealand, China

CH plug (Type J) - for Switzerland





This means your SIRO power supplies are immediately ready for worldwide use - tailored to each country.

The power supplies are compatible with wired sensors but also allow direct connection of SIRO MONO LED luminaires.

With SIRO power supplies you are choosing a flexible and safe system – designed to meet the requirements of today and tomorrow.

Our power supplies bring lighting and sensor technology together perfectly. And thanks to the modular plug-in system, they are ready for connection anywhere in the world.

SIRO Power Supplies - The foundation for your smart lighting future.



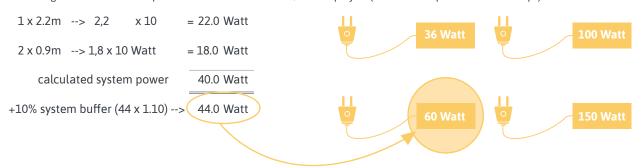
POWER WITH A PLAN - WHICH POWER SUPPLY DO YOU NEED?

A power supply converts 230 V AC into low-voltage DC used by electronic devices. It is the heart of many electrical systems – without a reliable power source, even the best circuits cannot deliver their performance. A properly sized power supply ensures efficient energy delivery, perfectly matched to the system's needs.

- 1) Connect the power supply: Plug the power supply into a suitable power source (socket). Ensure that the socket and the power supply cable meet the technical requirements.
- 2) Voltage and capacity matching: Size the power supply according to the lighting sources used. For optimum and long-lasting use of our power supplies, we recommend dimensioning the power supply up to 10 % larger than the calculated system load. As a result, the total connected load should be approximately 10 % below the maximum rating of the power supply/receiver.
- 3) Safety measures: The power supply should be protected from moisture and placed in a well-ventilated area.

CALCULATION EXAMPLE Example 1:

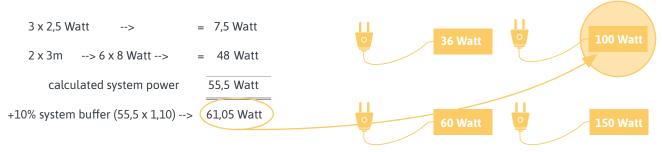
We are using three VIPER LED strips SL-2M8RP10W27 with 10 W/m for a project (one 2.2 m strip and two 0.9 m strips).



For a long product lifespan, we therefore recommend a 60 W power supply, e.g.: SL-NTS24CV60W-CA.

Example 2:

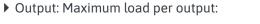
We are using three recessed spotlights SL-SPOT06-DUO3W at 2.5 W each, and two 2.8 m LED FLEXLINE48 SL-FLEX48-8W27 strips at 8 W/m.



For a long product lifespan, we therefore recommend a 100 W power supply, e.g.: SL-NTS24CV100W-CA.



- ▶ Power supply for LED lamps with constant voltage (24 VDC)
- ▶ Class II protection against electric shock from direct and indirect contact
- ▶ IP20 suitable for indoor use
- ▶ Protection against interruption, short circuit, overload, and overheating
- ▶ Standby power: 36 W < 0.13 W / 60 W < 0.23 W / 100 W < 0.21 W
- ▶ 1800 mm connection cable with detachable Euro plug (230V AC)







18Watt

Item no.	Dimensions in mm (L×W×H)	Power
SL-NTS24CV18W-CA	125 x 46 x 19	18 Watt

INPUT: 1800 mm connection cable

with detachable Euro plug for 230 V

AC mains.

OUTPUT: Up to 3 × 24V DC LED luminaires or SIRO receivers



36 Watt

Item no.	Dimensions in mm (L×W×H)	Power
SL-NTS24CV36W-CA	145 x 51 x 18	36 Watt

OUTPUT: Up to $4 \times 24 \text{V}$ DC LED luminaires or SIRO receivers



60 Watt

Item no.	Dimensions in mm (L×W×H)	Power
SL-NTS24CV60W-CA	172 x 62 x 19	60 Watt

OUTPUT: Up to $5 \times 24V$ DC LED luminaires or SIRO receivers





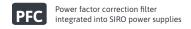
Item no.	Dimensions in mm (L×W×H)	Power
SL-NTS24CV100W-CA	202 x 72 x 18	100 Watt

OUTPUT: Up to 8 × 24V DC LED luminaires or SIRO receivers (max. 3 A per output)



Item no.	Dimensions in mm (L×W×H)	Power
SL-NTS24CV150W-CB	215 x 72 x 18	150 Watt

 $\begin{tabular}{ll} \textbf{OUTPUT:} Up to 10 \times 24V DC LED luminaires or receivers (max. 3 A per output), \\ including terminal block for direct connection (6.25 A) \\ \end{tabular}$







230V AC SWITCH ADAPTER



SL-PPREC01AC-K60

TECHNICAL FEATURES

Transmission protocol: RF 433 MHz

Range: 30 metres (indoor)

IP Rating: IP20

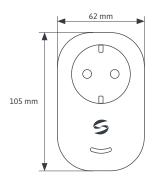
Input voltage: 220 - 240V AC 50/60Hz

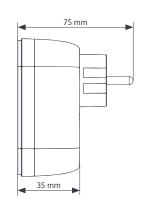
Output power: 1 channel / 16 A

3680 Watt (~ 220V AC)

1500 Watt (~ 220V AC LED)

Standby power: <0.3 Watt Receiver sensitivity: -110dBm Operating temperature: 0°C to +55°C





Whether floor lamps, mood lighting, or fans – with this receiver you can control a wide variety of 230V devices wirelessly and conveniently. Easily integrate, combine freely, and operate individually or together using PUSHPOWER switches.

PRODUCT FEATURES

- 230V AC MONO ON/OFF receiver as a receiver for **PUSHPOWER** switches
- Connect 230V AC devices with a maximum power of 3680 W (~220V AC)
- Up to 10 control buttons (2- or 4-way switches) or switch components can be connected
- Radio-based range up to 80 metres
- Functions: ON/OFF
- Available in white (K60) version

INSTALLATION

The adapter is plugged in between 230 V AC power connections

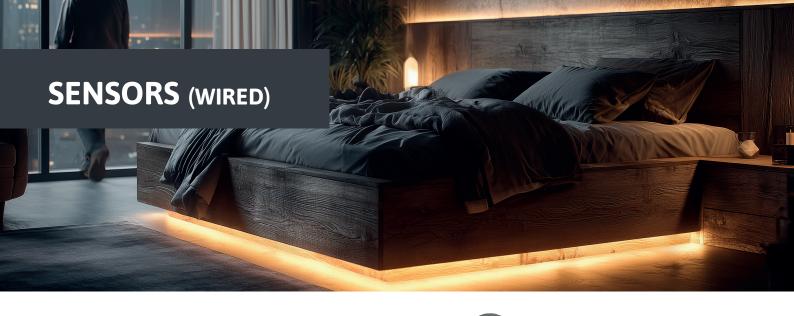
DIMENSIONS

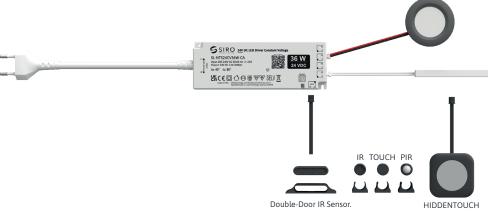
Housing (L×W×D): 105 x 62 x 75 mm

SAFETY AND INSTALLATION INSTRUCTIONS

- Warning: This product operates with 230V AC voltage!
- This product is not a toy and is not suitable for children
- The SIRO LED system is designed for indoor use
- Unprotected use (outdoors) is not permitted
- Contact with moisture must be strictly avoided







Motion sensor



SL-NBSPIR12-K1

Touch sensor for



furniture



SL-NBSTOUCH12-K1

Capacitive hidden touch sensor



SL-NBSHTOUCH50-A158

Proximity sensor for hinged doors & drawers



SL-NBSDOOR12-K1

Proximity sensor for double hinged doors and drawers



SL-NBSDOOR58-K1

Accessories: sensor splitter



SL-NBSDBOX3-4-100



MOTION SENSOR (PIR)

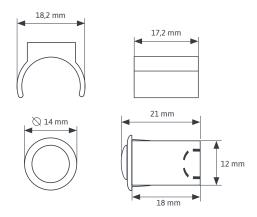


SL-NBSPIR12-K1



DIMENSIONS

► Sensor including housing (L×D×H): 21 x 18.2 x 14 mm



The sensor for smart and efficient lighting!

PRODUCT FEATURES

- Wired motion sensor
- Connects to SIRO 24V DC power supplies: SL-NTS24CV18W-CA, SL-NTS24CV36W-CA, SL-NTS24CV60W-CA, SL-NTS24CV100W-CA, SL-NTS24CV150W-CB
- Switches lights ON/OFF
- ▶ Detection range: 0-2 m (120° detection angle)
- Light duration: 30 seconds
- Scope of delivery: includes 2000 mm connection cable

For corridors, staircases, and entrance areas, the SL-NBSPIR12-K1 provides reliable automatic light control.

When mounted at the edge of the bed, the sensor ensures the night light switches on gently dimmed, guaranteeing optimal comfort and safety at all times.

The sensor head is detachable, allowing for easy maintenance.

INSTALLATION

- Recessed mounting, screwing, or adhesive mounting
- ▶ Placement of the sensor on the door fitting side is recommended
- For recesses, please observe the technical milling pattern:

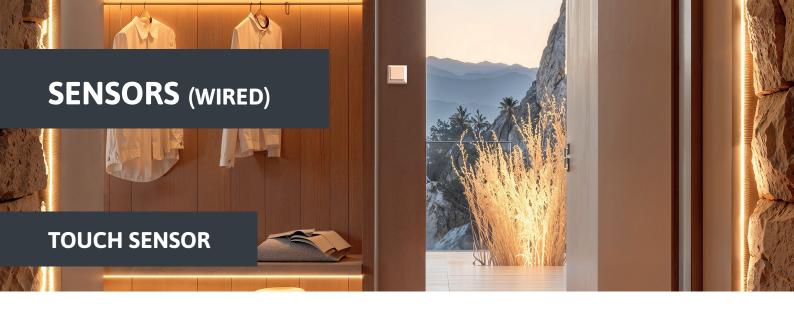
Milling depth: 18 mm Milling diameter: 12 mm

SAFETY AND INSTALLATION INSTRUCTIONS

- This product is not a toy and is not suitable for children
- The SIRO LED system is designed for indoor use
- ▶ Unprotected use (outdoors) is not permitted
- Contact with moisture must be strictly avoided

TECHNICAL FEATURES

▶ Input voltage: 12-24V AC▶ Output voltage: 24V DC



TOUCH SENSOR



SL-NBSTOUCH12-K1

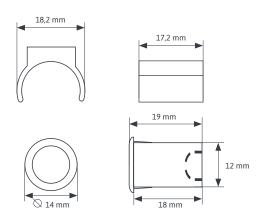
DIMENSIONS

▶ Sensor including housing (L×D×H): 21 x 18.2 x 16 mm

TECHNICAL FEATURES

Input voltage 12-24V ACOutput voltage 24V DC

TECHNICAL DRAWING



The discreet touch sensor is ideal for seamless integration into any piece of furniture. Thanks to its minimal dimensions, your design remains stylish and uncluttered while maintaining full light control.

PRODUCT FEATURES

- Wired touch sensor
- Connects to SIRO 24V DC power supplies: SL-NTS24CV18W-CA, SL-NTS24CV36W-CA, SL-NTS24CV60W-CA, SL-NTS24CV100W-CA, SL-NTS24CV150W-CB
- ▶ Controls lights ON-OFF-DIMMING
- Switch command activated by touching the sensor surface
- ▶ Scope of delivery: includes 2000 mm connection cable

Ideal for controlling wired light sources.

The SL-NBSTOUCH12-K1 is the perfect choice for those who want to combine functionality with aesthetics.

INSTALLATION

- Recessed mounting, screwing, or adhesive mounting
- Placement of the sensor on the door fitting side is recommended
- For recesses, please observe the technical milling pattern:

Milling depth: 18 mm Milling diameter: 12 mm

SAFETY AND INSTALLATION INSTRUCTIONS

- This product is not a toy and is not suitable for children
- ▶ The SIRO LED system is designed for indoor use
- Unprotected use (outdoors) is not permitted
- Contact with moisture must be strictly avoided



CAPACITIVE HIDDEN TOUCH SENSOR



The wired SIRO touch sensor turns any surface into a control interface! Simply attach it and control the light by touch. Ideal for desks, kitchen countertops, or living room furniture.

PRODUCT FEATURES

- Wired touch sensor
- ► Connects to SIRO 24V DC power supplies: SL-NTS24CV18W-CA, SL-NTS24CV36W-CA, SL-NTS24CV100W-CA, SL-NTS24CV150W-CB
- ▶ Controls lights ON-OFF-DIMMING
- Switch command activated by touching the capacitive surface
- Sensor can be glued on or milled in if required
- Functional through wood up to 20 mm thick
 Invisible control: No button, no remote simply operate by touching the surface
- Easy installation: Adhesive or recessed mounting
- Flexible: Includes 2000 mm connection cable for maximum freedom

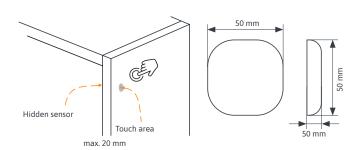
INSTALLATION

Adhesive mounting or recessed mounting if required

TECHNICAL FEATURES

▶ Input voltage 24V DC
 ▶ Output voltage 24V DC
 ▶ Functional range through wood < 20 mm

TECHNICAL DRAWING



SAFETY AND INSTALLATION INSTRUCTIONS

- ▶ This product is not a toy and is not suitable for children
- ▶ The SIRO LED system is designed for indoor use
- ▶ Unprotected use (outdoors) is not permitted
- ▶ Contact with moisture must be strictly avoided

APPLICATIONS

- ▶ Desks: Control lights directly through the desktop
- Kitchen countertops: Stylish lighting, easily controlled by touch
- ▶ Living furniture: Smart living room invisible and convenient

DIMENSIONS

Sensor including housing (L×D×H): 50 x 50 x 6 mm
 Cable length: 2000 mm
 Cable connection diameter: 6.5 mm



PROXIMITY SENSOR FOR HINGED DOORS AND DRAWERS



SL-NBSDOOR12-K1

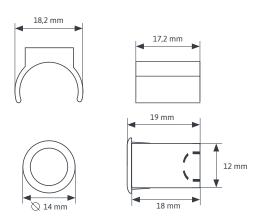
DIMENSIONS

▶ Sensor including housing (L×D×H): 21 x 18.2 x 16 mm

TECHNICAL FEATURES

Input voltage 12-24V ACOutput voltage 24V DC

TECHNICAL DRAWING



The elegant proximity sensor can be discreetly integrated into any piece of furniture. Its compact design allows for a clean and stylish aesthetic while providing optimal light control.

PRODUCT FEATURES

- Wired door sensor
- Connects to SIRO 24V DC power supplies: SL-NTS24CV18W-CA, SL-NTS24CV36W-CA, SL-NTS24CV60W-CA, SL-NTS24CV100W-CA, SL-NTS24CV150W-CB
- ▶ Controls lights ON-OFF
- ▶ Detection range: 0-60 mm
- ▶ Scope of delivery: includes 2000 mm connection cable

Ideal for controlling wired light sources.

Thanks to its simple wired installation, the sensor reliably switches the light on and off when approached. The SL-NBSDOOR12-K1 offers exceptional flexibility, allowing easy maintenance by simply detaching and replacing the sensor head.

INSTALLATION

- Recessed mounting, screwing, or adhesive mounting
- Placement of the sensor on the door fitting side or the rear of the drawer is recommended
- For recesses, please observe the technical milling pattern:

Milling depth: 18 mm
Milling diameter: 12 mm

SAFETY AND INSTALLATION INSTRUCTIONS

- ▶ This product is not a toy and is not suitable for children
- ▶ The SIRO LED system is designed for indoor use
- ▶ Unprotected use (outdoors) is not permitted
- Contact with moisture must be strictly avoided



PROXIMITY SENSOR FOR DOUBLE HINGED DOORS & DRAWERS

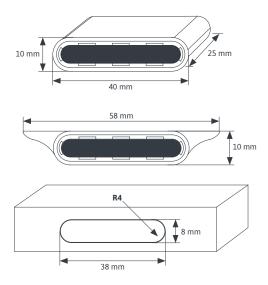
Switches lights within a detection range of 0–60 mm and is ideal for stylish double-door solutions.



DIMENSIONS

► Sensor including housing (L×D×H): 58 x 24 x 10 mm

TECHNICAL DRAWING



PRODUCT FEATURES

- Wired double-door sensor
- Connects to SIRO 24V DC power supplies: SL-NTS24CV18W-CA, SL-NTS24CV36W-CA, SL-NTS24CV60W-CA, SL-NTS24CV100W-CA, SL-NTS24CV150W-CB
- ▶ Controls lights ON-OFF
- ▶ Detection range: 0-60 mm
- Scope of delivery: includes 2000 mm connection cable

TECHNICAL FEATURES

Input voltage 12-24V ACOutput voltage 24V DC

Ideal for controlling wired light sources in double doors. Perfect for modern furniture and innovative designs.

INSTALLATION

- Recessed mounting, screwing, or adhesive mounting
- To ensure functionality with very dark furniture, we recommend applying a bright adhesive dot.
- ▶ Placement of the sensor on the door fitting side is recommended.
- For recesses, please observe the technical milling pattern:

Milling depth: 24 mm
Milling height: 8 mm
Milling width: 38 mm

SAFETY AND INSTALLATION INSTRUCTIONS

- ▶ This product is not a toy and is not suitable for children
- ▶ The SIRO LED system is designed for indoor use
- Unprotected use outdoors is not permitted
- Contact with moisture must be strictly avoided



DISTRIBUTION BOX FOR UP TO 4 SENSORS



DIMENSIONS

▶ Sensor including housing (L×D×H): 43 x 27 x 11 mm

Cable length: 100 mm

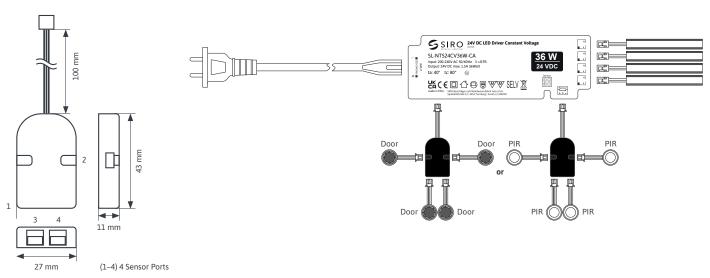
Weight: 7 g

PRODUCT FEATURES

- ▶ Sensor splitter for connection to SIRO 24 V DC power supplies:
 - SL-NTS24CV18W-CA
 - SL-NTS24CV36W-CA
 - SL-NTS24CV60W-CA
 - SL-NTS24CV100W-CA
 - SL-NTS24CV150W-CB
- Four sensor ports
- ▶ 100 mm connection cable
- ▶ Compatible with the following wired SIRO sensors:
 - PIR: SL-NBSPIR12-K1
 - Door: SL-NBSDOOR12-K1
 - Double Door: SL-NBS2DOOR58-K1
- Sensors (PIR, Door, Double Door) are designed for homogeneous use only (no mixing of PIR and Door sensors). Up to 4 identical sensors can be connected.
- Optional 2000 mm extension cable available (SL-NBSEXT-2000)

TECHNICAL DRAWING

CONNECTION PLAN





NBS - LINK CABLE



SL-NBSLINK-500

DIMENSIONS

▶ Plug (LxWxH): 14 x 9 x 11 mm
 ▶ Cable length: 500 mm

Weight: 6 g

PRODUCT FEATURES

- 3-pin link cable for connection to SIRO 24V DC power supplies or SIRO sensor splitters:
 - SL-NTS24CV18W-CA
 - SL-NTS24CV36W-CA
 - SL-NTS24CV60W-CA
 - SL-NTS24CV100W-CA
 - SL-NTS24CV150W-CB
- Available in 500 mm (SL-NBSLINK-500) or 2000 mm (SL-NBSEXT-2000) cable lengths
- Compatible SIRO sensors: TOUCH: SL-NBSTOUCH12-K1, HIDDEN TOUCH: SL-NBSHTOUCH50-A158, PIR: SL-NBSPIR12-K1, Door: SL-NBSDOOR12-K1, Double Door: SL-NBS2DOOR58-K1
- Used to connect two or more power supplies together
- Compatible cables (maximum total extension 2.5 m): SL-NBSLINK-500 and SL-NBSEXT-2000
- ▶ Packaging unit: 1 piece

SENSOR EXTENSION CABLE



SL-NBSEXT-2000

DIMENSIONS

▶ Plug (L×W×H): 16 x 8 x 5 mm
 ▶ Cable length: 2000 mm
 ▶ Weight: 19 g

CONNECTION EXAMPLES







MONO (SINGLE-COLOUR LIGHTING SYSTEM)



MONO-LIGHTING SYSTEMS: 2700K | 3000K | 4000K



REALISING LIGHTING DREAMS

MONO-Lighting Design by SIRO





MONO - CLEAR. SIMPLE. STRIKING

With our Mono solutions, you benefit from maximum clarity in lighting design: one colour, one channel – perfectly suited for applications where even, uniform, unobtrusive light is required. Ideal for functional lighting, accentuated lines, or subtle lighting moods.

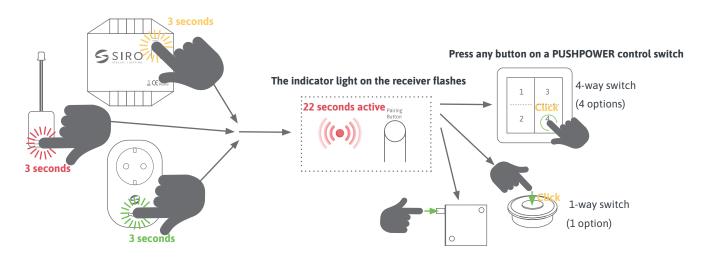
Mono systems are particularly easy to install and operate, and with PUSHPOWER, they offer convenient, intuitive control via standard switches. How this works is shown on the following pages.

OVERVIEW OF THE MOST IMPORTANT FUNCTIONS



CONNECTING (PAIRING) CONTROLS (SWITCHES) & RECEIVERS

Here's how to establish communication between the switch and your receiver:



Press and hold for 3 seconds - the light starts flashing (heartbeat)

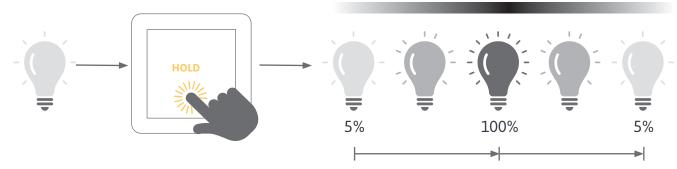
The activity mode remains active for 22 seconds; after that, the learning process is canceled, and the light turns off.

The learning process can be interrupted by disconnecting from the power supply.

Each button/option (1 & 2) can be assigned its own function/option. If it is not assigned, it acts as a blank.



DIMMING: While the light is switched on, press and hold the button



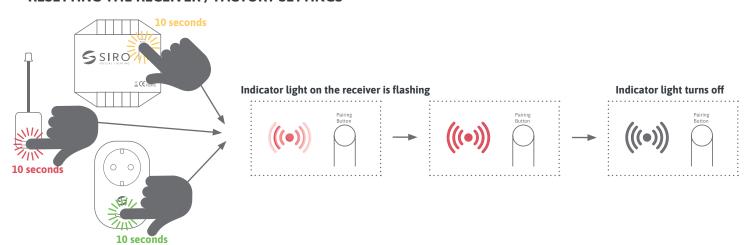
NIGHT MODE: While the light is switched off, press and hold the button

Activate the night mode on our PUSHPOWER switches to provide gentle, dimmed lighting during the night. This function allows you to reduce the light to a comfortable level, avoiding glare. Press and hold the switch for 2 seconds while it is off to activate the night light at 5% brightness. Please note that the night mode settings are not saved.

MEMORY FUNCTION

The system always remembers the last light setting before it was switched off (e.g., power outage). The night mode is an exception.

RESETTING THE RECEIVER / FACTORY SETTINGS



Press and hold for 10 seconds. All connections are now deleted, and the receiver is ready for a new pairing.



RECEIVER:

The SIRO PUSHPOWER Receiver ("the brain") wirelessly receives signals from the light switch and converts them into control commands for the connected light source.

1) Establishing a connection:

- ▶ Connect the SIRO PUSHPOWER Receiver to the power supply and ensure the connection is secure and stable
- For optimal voltage distribution, both connections should be plugged in
- 2) Check the LED indicator: Check the LED indicator on the receiver. It shows that the power supply is functioning correctly.

When the power supply is correct, the LED indicator lights up. Pressing the pairing button will make it light red.

OUR RECEIVERS AT A GLANCE

MONO:

Control of MONO LED strips that have a uniform colour temperature. (12-48 V)



MONO MINI:

Control of MONO LED strips with a uniform colour temperature. (24 V) To be used in combination with SIRO power supplies.



SL-PPNBS-REC01MONO

Further information about our 230 V AC products can be found on our website: www.siro-led.at

SWITCH:

Manual on/off control of 230V products with a simple switch function



SL-PPREC02SWITCH

TRIAC:

Stepless dimming of 230V products for precise light control



SL-PPREC02TRIAC

DIN-RAIL:

For installation on a DIN rail in the distribution board



SL-PPREC03RAIL2

230 V

230V AC

Wireless Plug:

Wireless 230V control for flexible, fast, and easy integration.





SL-PPREC01AC-K60



MONO Receiver SL-PPREC01MONO

The SIRO Mono Receiver SL-PPREC01MONO provides convenient control of your SIRO MONO LED lights (uniform colour temperature) – with on/ off switching, stepless dimming, and a memory function that saves your last light setting. With a wireless range of up to 30 metres and the ability to connect multiple switches, it offers maximum flexibility.

PRODUCT FEATURES

- ▶ 12-48V DC MONO receiver as a receiver for PUSHPOWER switches
- Plug-and-play ready for connection to SIRO MONO LED lights
- The receiver can store up to ten buttons. This means, for example, that on a two-way switch both buttons can be connected, and on a fourway switch up to four buttons. In total, up to ten different commands are possible.
- Wireless range up to 80 metres (in open areas)
- ▶ Functions: ON OFF DIMMING
- Product has a memory function (saves last light setting)

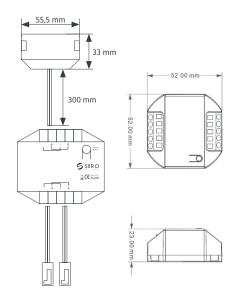
INSTALLATION

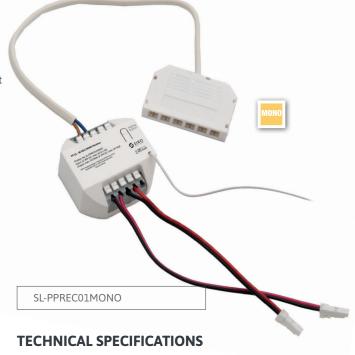
The product can be glued or placed individually

DIMENSIONS

Housing dimensions (LxWxH): 52 x 52 x 23 mm
 Distribution box dimensions (LxWxH): 55.5 x 33 x 10 mm

TECHNICAL DRAWING





Transmission protocol: RF 433 MHz

Range: 30 metres (indoors)

▶ IP Rating: IP20

▶ Input: 12-24-48 V DC, $2 \times 150 \text{ mm connection}$

cable (AWG 20) with SIRO connector (per connector 3 A = max. 72 W @ 24 V DC)

Output power: 144 W @ 24 V DC, 1×150 mm connection

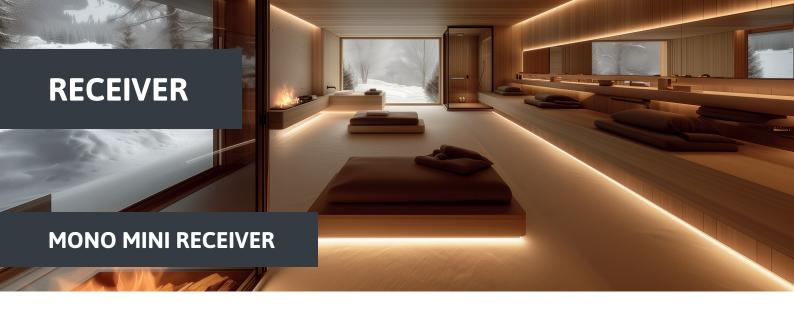
cable $(2 \times 0.75 \text{ mm}^2)$ with 6-way distribution

box

3 A per connection = 72 W @ 24 V DC

6 A total = 144 W @ 24 V DC

Standby power: ≤ 1W
 Receiver sensitivity: -110dBm
 Dimming method: PWM 1000 Hz
 Operating temperature: 0°C bis 55°C



MONO MINI SL-PPNBS-REC01MONO - 24 VDC

This receiver combines elegant compactness with modern technology in a stylish design. Its small form factor makes it ideal for minimalist applications, ensuring seamless integration into any lighting concept.

Unlike the larger Mono Receiver, the Mini Mono Receiver operates on a 24 V DC supply, making it specifically designed for use with SIRO power supplies (SL-NTS24CV18W-CA, SL-NTS24CV36W-CA, SL-NTS24CV100W-CA, and SL-NTS24CV150W-CB). It allows easy control of your lighting – on/off switching, dimming, and the convenient memory function provide maximum comfort while saving space during installation.



DIMENSIONS

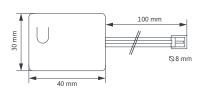
► Housing dimensions (L×W×H):

 $40\times30\times9~mm$

Cable length & AWG:

100 mm | 3-pin, 24 AWG

TECHNICAL DRAWING





PRODUCT FEATURES

- ▶ 24V DC MONO receiver as a receiver for PUSHPOWER switches
- Plug-and-play connection to SIRO 24V DC power supplies: SL-NTS24CV18W-CA, SL-NTS24CV36W-CA, SL-NTS24CV60W-CA, SL-NTS24CV100W-CA, SL-NTS24CV150W-CB
- The receiver can store up to ten buttons.

 This means, for example, that on a two-way switch both buttons can be connected, and on a four-way switch up to four buttons. In total, up to ten different commands are possible.
- Wireless range up to 30 metres
- ▶ Functions: ON OFF DIMMING
- Product features a memory function (saves last light setting)

TECHNICAL FEATURES

Transmission protocol: RF 433 MHz

Range: 30 metres (indoors)

▶ IP Rating: IP20▶ Voltage: 24V DC

SAFETY AND INSTALLATION INSTRUCTIONS

- This product is not a toy and is not suitable for children
- ▶ The SIRO LED system is intended for indoor use only
- Unprotected use (outdoors) is not permitted
- Avoid any contact with moisture
- Do not modify the product and use it only for its intended purpose
- ▶ For low-voltage applications only
- The symbol of a crossed-out trash bin, commonly found on electrical and electronic devices, indicates that the device must be collected separately from unsorted household waste at the end of its life







Item No	Led/M	Light Colour	CRI	Width	Le	ength & Lumen	Cut	Voltage	IP	W/M	Energy	
CL 2M2C4M40 *	400	40001/	00	2	1240 mm	2500 mm	5000 mm	20	2.4	20	4	F
SL-2M3C4W40-*	400	4000K	80	3	4	420 Lumen/m		20 mm	24	20		
CL 2M2C4M20 *	400	200014	00	2	1240 mm	2500 mm	5000 mm	20	24	20	4	_
SL-2M3C4W30-*	400	3000K	80	3	4	410 Lumen/m		20 mm				F
SI 2042 G 41427 ±	400	27001/		2	1240 mm	2500 mm	5000 mm	20 mm	2.4	20	_	_
SL-2M3C4W27-*	400	2700K	80	3	4	400 Lumen/m			24	20	4	F

20,00 mm

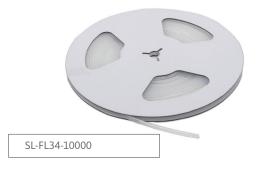
 $^{^{\}star}$ Composition of the Item Number – e.g.: SL-2M3C4W27; for 2500 mm = SL-2M3C4W27-2500A

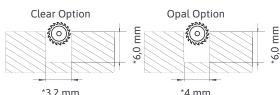


FLIPLENS – optical silicone cover for 3 mm SIRO LED WIRE

These optical silicone covers offer clear and opal light diffusion options, giving you a variety of possibilities for designing your lighting. **One silicone cover – many impressive options.**

With a clear option (3.4 mm wide) and an opal option (4.2 mm wide), the FLIPLENS allows different beam angles through varying cut depths. Direct the light exactly where you need it.





It is recommended to make a test cut before processing

opal optic or black optic

Opal Black (80% light transmission)

SL-FL34BS-10000
Black Series Edition

- ▶ Clear option can be processed with a 3.2 mm wide saw blade
- Opal option can be processed with a 4 mm cutting or milling width
- Different beam angles possible through varying cut depths
- ▶ FLIPLENS provides a sealing function at the cut edge
- ▶ Designed for use with 3 mm wide SIRO LED WIRE
- Desired length can be cut with scissors or a knife
- ▶ Packaging unit: 1 roll
- ▶ Total length......10.000 mm
- Width "Clear"...... 3.4 mm
- Width "Opal" or "Black"...... 4.2 mm
- Light transmission (white FLIPLENS): 99%; Opal: 75%
- Light transmission (black FLIPLENS): 80%; Opal: 50%

Stamp Roller for LED Strip and FLIPLENS





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 Installation

▶ 3.2 x 6 mm.....Clear Option

▶ 4 x 6 mm Opal / Black Option

Item No.	Length	Width Clear	Width Opal / Black
SL-FL34-10000	10.000 mm	3.4 mm	4.2 mm
SL-FL34BS-10000	10.000 mm	3.4 mm	4.2 mm

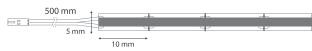


SIRO LED WIRE - pointless 6 watt COB LED STRIP - 5 mm width Experience brilliance and versatility

For slightly more intense lighting, the 5 mm MONO COB LED strip with 6 W is the perfect choice. This powerful strip not only provides excellent brightness but also offers a wide range of applications, making it an indispensable element for any lighting installation. With its compact design and high-performance Chip-on-Board (COB) LED technology, the 5 mm LED COB strip is ideal for a variety of uses. From accent lighting for furniture and display cases to general room lighting in living rooms, kitchens, and offices, this strip delivers the perfect balance of brightness and versatility.

- Pitch: 10 mm
- Highly durable
- ▶ High efficiency improved lumen output: 590–610–620 lm/m
- Versatile and easy to process
- Installation: Can be glued or processed with a 5 mm wide saw blade
- Width: 5 mm
- ▶ Length options: 5000 mm or 20.000 mm
- Voltage / Power: 24V DC − 6 W/m − COB chip
- ▶ LED density: 400 LEDs per metre
- ▶ IP Rating: IP20 (indoor use)
- ▶ Colour temperature options: 2700K, 3000K, 4000K
- Connection: 500 mm cable at both ends (20 m roll without connection cable)
- ▶ Compatible with: EXPRESS 5 mm LED Connection System





Connecting the LED Strip

The SIRO strips can be connected at the existing solder pads every 10 mm using either soldering or the Express Clip connection.

Item No	LED/M	Light Colour	CRI	Width	Length & Lumen		Cut	Voltage	IP	W/M	Energy
CL 2MECCANAO +	SL-2M5C6W40-* 400 4000K 80 5 mm	10	2.4	20		_					
SL-2M5C6W4U-^	400	4000K	80	5 mm	620 Lumen/m		10 mm	24	20	6	F
CL 2MECCUN20 +	400	20001/	00	F	5000 mm	20000 mm	10	2.4	20	6	-
SL-2M5C6W30-*	400	3000K	80	5 mm	5 mm 610 Lumen/m	men/m	10 mm	24			F
CL 2MFC/M27 +	400	27001/	00	F	5000 mm	20000 mm	10	2.4	20		_
SL-2M5C6W27-*	400	2700K	80	5 mm	590 Lumen/m		10 mm	24	20	6	F

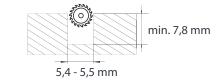
^{*}Composition of the Item Number – e.g.: SL-2M5C6W27; for 5000 mm = SL-2M5C6W27-5MB



FLIPLENS – optical silicone cover for 5 mm SIRO LED WIRE

- Optical silicone cover with clear and opal light diffusion
- Clear or opal option can be processed with a cutting/milling width of 5.4-5.5 mm
- Different beam angles possible through varying cut depths
- FLIPLENS provides a sealing function at the cut edge
- Designed for use with 5 mm wide LED strips
- Desired length can be cut with scissors or a knife
- Packaging unit: 1 piece
- Total length: 10.000 mm
- Width "Clear" & "Black": 5.6 mm (±0.2 mm)

"Clear Version" - Clear: 99% | Opal: 75%







"Black Version" - Clear: 80% | Black: 50%

5.6 x 5.6 mm





Black



Item No.	
SL-TOOL-FL01	

EXPRESS LED CONNECTION SYSTEM for 5 mm SIRO LED WIRE

The clip system allows quick and secure attachment of LED strips without soldering. Simply clip the LED strip in place and connect it with the pliers. The included connection wires, strip-to-strip connectors, and strip corner connectors make installation even easier and more flexible.

A test fitting is recommended before processing the clips.

Advantages:

Item No

SL-FL5658-10000

SL-FL5658BS-10000

Simple installation and individual adjustment without screws or adhesives

Length

10.000 mm

10.000 mm

Fast and reliable connection of LED strips thanks to the clip system

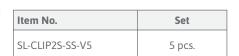


CONNECTION WIRES 500 & 2000 MM

2-pin wire for 5 mm wide LED strips, AWG 20, max. 3 A



For 5 mm wide LED strips, max. 3 A



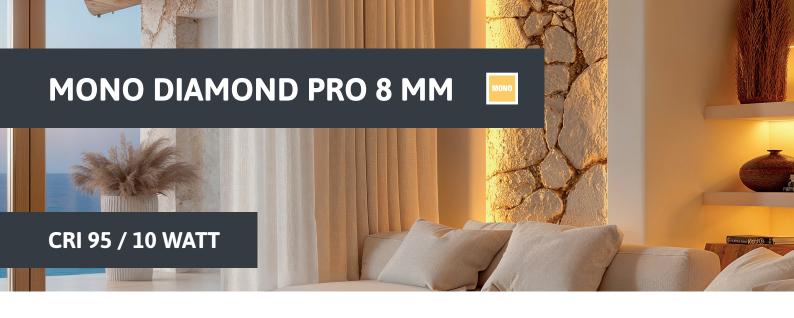
Item No.	Length					
SL-CLIP2S-DB500S-V5	500 mm					
SL-CLIP2S-DB2000S-V5	2.000 mm					

STRIP-CORNER CONNECTOR

For 5 mm wide LED strips, max. 3 A



Item No.	Set
SL-CLIP2S-SWS-V5	5 pcs.



MONO DIAMOND PRO

- Universally applicable, easy to process
- Can be cut anywhere (FreeCut)
- Usable without a heatsink (aluminium profile)
- ▶ Width: 8 mm
- Length options: 5000 mm or 20.000 mm
- ▶ Voltage / Power: 24V DC 10 W/m SMD chip
- ▶ LED density: 300 LEDs per metre, 1150–1300 lm/m
- ▶ IP Rating: IP20 (indoor use)
- ▶ Colour temperature options: 2700K, 3000K, 4000K
- Connection: 500 mm cable at both ends (20 m version without connection cable)
- Compatible with EXPRESS Connection System
- ▶ Compatible with Flexline or One4all profiles





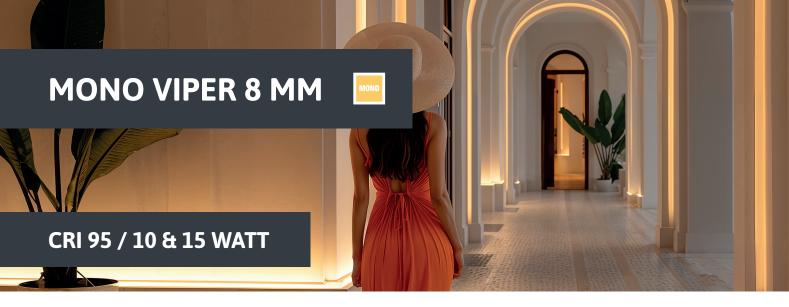






Item No	LED/M	Light Colour	CRI	Width	Length & Lumen		Cut	Voltage	IP	W/M	Energy
CL 2MODD10M40 *			20000 mm	FREE	24	20	10	F			
SL-2M8DP10W40-*	300	4000K	95	8 mm	1300 Lu	ımen/m	FREE	24	20	10	E
CL ON A O D D I O W O O O	200	200014	0.5		5000 mm	20000 mm			20	10	_
SL-2M8DP10W30-*	300	3000K	95	8 mm	1200 Lu	ımen/m	FREE	24	20		E
CL ON A O D D I O W O Z ÷	200	27001/	0.5		5000 mm	20000 mm		2.4	20	10	_
SL-2M8DP10W27-*	300	2700K	95	8 mm	1150 Lu	ımen/m	FREE	24	20	10	E

 $^{^{\}star} Composition \ of \ the \ Item \ Number - e.g.: SL-2M8DP10W27; for \ 5000 \ mm = SL-2M8DP10W27-5MA$



MONO VIPER

- Universally applicable, easy to process
- Can be cut anywhere (FreeCut)
- Width: 8 mm, Length options: 5000 mm or 20.000 mm
- Voltage / Power: 24V DC 10/15 W/m COB chip
- LED density: 300 LEDs per metre, 1010–1210 lm/m
- IP Rating: IP20 (indoor) & IP65 (moisture-proof)
- Colour temperature options: 2700K, 3000K, 4000K
- Connection cables: IP65: 2000 mm at both ends IP20: 500 mm at both ends (20 m version without cables)
- Compatible with EXPRESS Connection System & One4all profiles
- For 15 W/m versions, a heatsink (e.g., One4all) is required



Watt

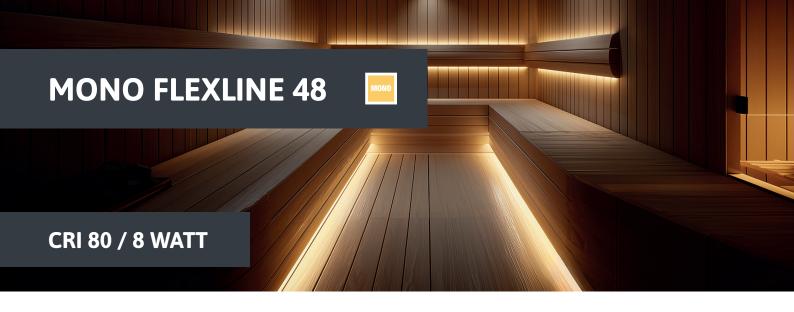






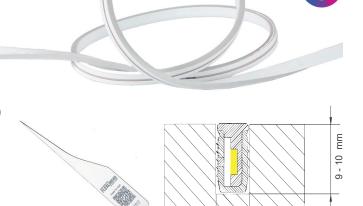


Item No	LED/M	Light Colour	CRI	Width	Length 8	t Lumen	Cut	Voltage	IP	W/M	Energy
CL 2MARDETOWARD *	200	40001/	0.5	0	5000 mm	20000 mm	F	2.4	20	10	-
SL-2M8RP10W40-*	300	4000K	95	8 mm	1170 Lu	imen/m	Free	24	20	10	F
SI (MORRIONIA)	200	40001/	0.5		5000) mm	_	2.4		10	_
SL-6M8RP10W40-*	300	4000K	95	8 mm	1170 Lu	ımen/m	Free	24	65	10	F
			0.5		5000 mm	20000 mm	_				_
SL-2M8RP10W30-*	300	3000K	95	8 mm	1070 Lu	imen/m	Free	24	20	10	F
				_	5000) mm	_				_
SL-6M8RP10W30-*	300	3000K	95	8 mm	1170 Lu	ımen/m	Free	24	65	10	F
CL ON A OPPI ON A OT A	200	27001/	0.5		5000 mm	20000 mm	_		20	10	_
SL-2M8RP10W27-*	300	2700K	95	8 mm	1010 Lu	imen/m	Free	24	20		F
SI SMARRATELIAN A	200	40001/	0.5		5000 mm	20000 mm	_	2.4	20	15	_
SL-2M8RP15W40-*	300	4000K	95	8 mm	1620 Lu	ımen/m	Free	24	20	15	F
CL ON A OPPOSITION A	200	20001/	0.5	0	5000 mm	20000 mm	_	2.4	20	15	_
SL-2M8RP15W30-*	300	3000K	95	8 mm	1550 Lu	imen/m	Free	24	20	15	F
SL-2M8RP15W27-*	300	2700K	95	8 mm	5000 mm	20000 mm	Free	24	20	15	F
2F-ZIAIOUL TOAAZ	300	2/UUN	73	0 111111	1550 Lu	ımen/m	FIEE	24	20	12	F



FLEXLINE 48 - Silicone profile

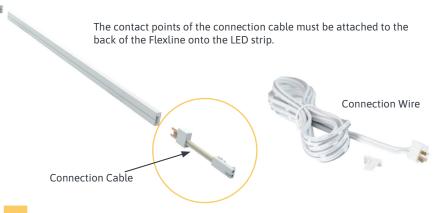
- ▶ Silicone Profile 4 × 8 mm with SIRO MONO LED 8 W/m
- ▶ The product contains a light source with energy class G
- Can be cut anywhere (FreeCut)
- ► Compatible with: SL-FLEX48-DB500S (500 mm connection cable and end cap) SL-FLEX48-DB2000S (2000 mm connection cable and end cap)
- Minimum bending radius: 2 mm (for corner solutions)
- Roll length: 20 m
- Protection class: IP20 (can be sealed to IP67 with silicone at both ends)
- Maximum recommended length for one-sided power supply: 10 m
- Suitable for installation in furniture bodies
- ▶ Groove width: 4 mm
- ▶ Groove depth: 9–10 mm*
 - *Before processing, it is recommended to perform a test milling!
- Use the repositioning tool if the Flexline needs to be lifted out of the groove!



8 Watt



SL-TOOL-FLEX01







MONO FLEXLINE 612 - Silicone profile with SIRO DIAMOND PRO

10 Watt

- ▶ Silicone Profile 6 × 12 mm with SIRO DIAMOND PRO 10 W/m
- ▶ The product contains a light source of energy class E
- Can be cut anywhere (FreeCut)
- Extremely small and robust LED chip design
- ▶ 500 mm soldered connection cable with SIRO MONO connector
- Protection class: IP20 (can be sealed to IP67 with silicone at both ends)
- ▶ Controllable and dimmable with SIRO MONO Receiver
- ► The specified lengths refer to the silicone profile; the length of the enclosed light source may vary
- Installation recommendation:

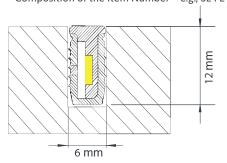
Recommended groove dimensions: Width: 5.9–6.1 mm, Depth: 11.9–12.1 mm

Due to the complex manufacturing process of extruded silicone products, a test cut or milling is recommended before processing.

Item No	LED/M	Light Colour	CRI	Lumen/M	Width x Height	Length	Voltage	IP	W/M	Energy
SL-FLEX-DP10W27-*	300	2700K	95	340	6 mm x 12 mm	450 mm 600 mm	24	20/67	10	E
SL-FLEX-DP10W30-*	300	3000K	95	360	6 mm x 12 mm	900 mm 1200 mm 1500 mm 2000 mm 2500 mm	24	20/67	10	E
SL-FLEX-DP10W40-*	300	4000K	95	410	6 mm x 12 mm	3000 mm 5000 mm	24	20/67	10	E
SL-FLEX-KL1206-SET1	1206-SET1 Mounting Clips					20 mm	10 pieces including mounting screw			

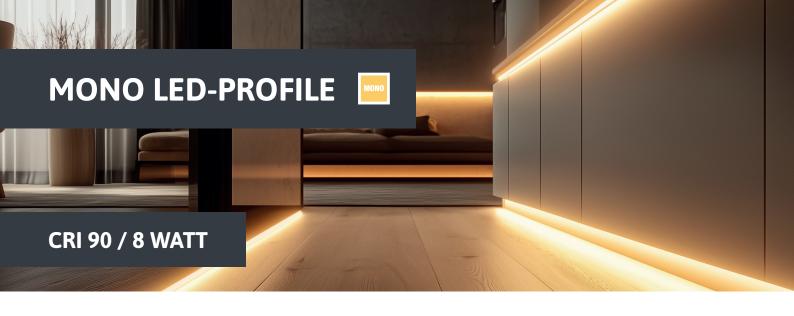
Photometric data refers to the LED strip used.

*Composition of the Item Number – e.g., SL-FL-DP10W30; for 1200 mm = SL-FL-DP10W30-1200





SL-FLEX-KL1206-SET1



MONO FREECUT LED PROFILE

- ▶ Aluminium Profile 6 × 8 mm with 5 mm SIRO MONO LED 8 W/m
- ▶ The product contains a light source of energy class G/F
- Can be cut anywhere (FreeCut)
- Compatible with
 SL-L69-DB500S-K77 (500 mm connection cable with end cap)
 SL-L69-DB2000S-K77 (2000 mm connection cable with end cap)
- ▶ Suitable for installation in furniture bodies
- ▶ Groove width: 6 mm ± 0.1 mm*
- ▶ Groove depth: 9 mm*

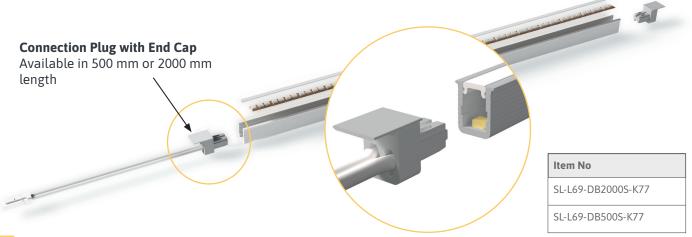
A test milling is recommended before processing!

Applications

- Plinth lighting
- ▶ Indirect room lighting
- ▶ Lighting solutions for shelves, cabinets, and display cases



Item No	LED/M	Light Colour	CRI	Lumen/M	Width × Height	Length	Cut	Voltage	IP	W/M	Energy
SL-L69-8W30AL1-3MA	168	3000K	90	270	6 mm x 8 mm	3000 mm	FREE	24	20	8	G
SL-L69-8W40AL1-3MA	168	4000K	90	300	6 mm x 8 mm	3000 mm	FREE	24	20	8	F
SL-L69-DB500S-K77		Cannas	tion Cob	la with End C	·an	500 mm					
SL-L69-DB2000S-K77		Connec	lion Cab	le with End C	ар	2000 mm					







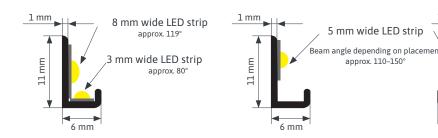
AL1 (anodised aluminium)

Areas of application

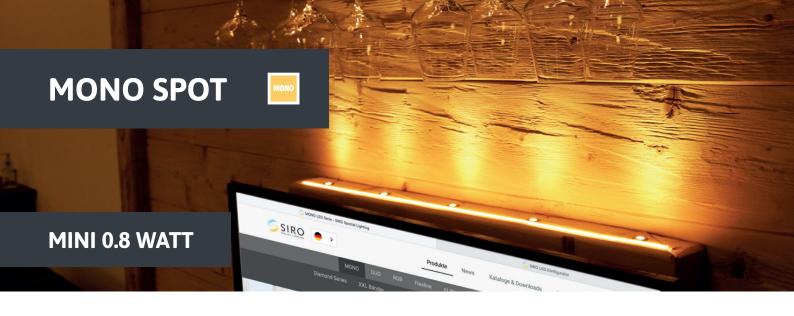
- Kitchen worktop lighting
- Plinth lighting
- ▶ Indirect room lighting
- ▶ Work surface lighting
- Lighting solution in shelves, cupboards and display cabinets

ONE4ALL - Aluminium Profile

- Elegant and versatile in use
- Quick installation by simply bonding inside furniture strong adhesion of the self-adhesive backing
- Stick in the LED strip peel off the adhesive backing press the profile onto the desired surface
- Slim design fits perfectly into any interior and is ideal for shelves, cabinets, or display cases
- ▶ Can be mounted horizontally or vertically
- ▶ Suitable for 3 mm SIRO COB Wire, as well as 5 mm and 8 mm wide LED strips
- Available in black (PB12), matt white (PB32), or anodised aluminium (AL1)
- Perfect lighting without a cover: our LED aluminium profile is specially designed for furniture lighting and provides an optimal beam angle for this purpose.
 Without a cover, no light is lost, making the illumination especially effective and efficient
- Can also be used as a heat sink for LED strips
- Available in lengths of 2000 mm and 2950 mm



Item No.	Length	Product dimensions (L×W×H)	Colour	Contents
SL-PR148AL1-2M-V10	2000 mm	2000 x 11 x 6 mm	anodised aluminium	10
SL-PR148AL1-3M-V10	2950 mm	2950 x 11 x 6 mm	anodised aluminium	10
SL-PR148PB12-2M-V10	2000 mm	2000 x 11 x 6 mm	black	10
SL-PR148PB12-3M-V10	2950 mm	2950 x 11 x 6 mm	black	10
SL-PR148PB32-2M-V10	2000 mm	2000 x 11 x 6 mm	matt white	10
SL-PR148PB32-3M-V10	2950 mm	2950 x 11 x 6 mm	matt white	10



MONO MINI recessed spotlight 0.8 Watt

- ▶ Recessed LED spotlight with 0.8 Watt
- Extremely small design / low installation depth
- ▶ Lumen output: 60 lm (warm white) / 70 lm (neutral white)
- ▶ 1500 mm supply cable with white LED connector
- ▶ Recessed luminaire with Ø 22 mm and 14.5 mm height
- Installation diameter: 18 mm
- ▶ Colour temperature optionally 3000K or 4000K
- ▶ IP20 suitable for indoor use
- ▶ Beam angle: 45°
- ▶ Can be used with any SIRO Mono receiver (ON-OFF-DIMMING)
- ▶ CRI >80





8,0

Watt

Mono Spot by SIRO – Compact, powerful, and versatile!

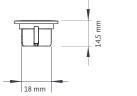
With its compact design and only 13.5 mm installation depth, the Mono Spot fits perfectly into any setting. Despite its size, it delivers a lumen output of 60 lm (warm white) or 70 lm (neutral white) and offers two selectable colour temperatures: 3000K or 4000K.

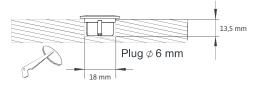
The 45° beam angle creates targeted lighting effects, while the 1500 mm supply cable with LED connector ensures easy installation. Compatible with all SIRO Mono receivers for flexible switching and dimming.

Applications

- Display cabinets
- Kitchen niches
- Top shelves
- Shelves
 su-

With an IP20 protection rating, the spotlight is ideal for indoor use. Mono Spot by SIRO – for efficient, stylish lighting!







Item No.	Item description	Light Colour	CRI	Lumen	Diameter	Volt	IP	Watt	Energy
SL-SPOT08-NW1W-AL73	4000K SPOT (Natural aluminium)	4000K	80	70	22 mm	24	20	0.8	F
SL-SPOT08-WW1W-AL73	3000K SPOT (Natural aluminium)	3000K	80	60	22 mm	24	20	0.8	G
SL-SPOT08-NW1W-PB12	4000K SPOT (matt black)	4000K	80	70	22 mm	24	20	0.8	F
SL-SPOT08-WW1W-PB12	3000K SPOT (matt black)	3000K	80	60	22 mm	24	20	0.8	G



MONO Recessed Spotlight 2.5 Watt

- ▶ Recessed LED spotlight with 2.5 Watt
- Lumen output: 220 lm (warm white) to 230 lm (neutral white)
- ▶ Compatible with any SIRO Mono receiver (ON-OFF-DIMMING)
- Colour temperature optionally 3000K or 4000K
- ▶ Recessed luminaire with Ø 68 mm and 12 mm height
- ▶ IP44 or IP20 suitable for indoor use
- ▶ 2000 mm supply cable with white LED connector
- ▶ Beam angle: 110°
- Installation diameter: 55-57 mm
- ▶ CRI >85







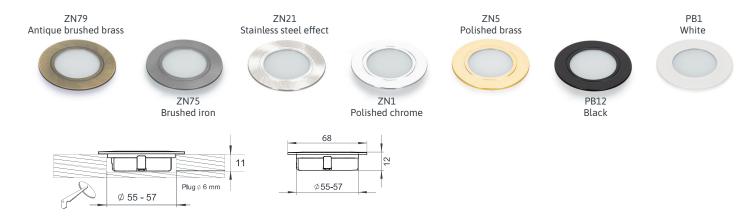
ONE SPOT - 7 COLOURS!

Our spotlights combine modern design, high quality, and functionality. With a variety of styles and colours, they fit perfectly into any environment and create impressive highlights. Thanks to a beam angle of 110° and a CRI >85, this spotlight provides particularly even light distribution. With an installation diameter of 55–57 mm and a mounting depth of only 11 mm, the spotlight can be flexibly integrated into your design. The 2000 mm supply cable with LED connector allows for easy installation. It is also compatible with any SIRO Mono receiver.

SIRO - Mono Spot - for even more light, flexibility, and style!

Applications

- Display cabinets
- Shelves
- Furniture cornice
- Ceiling lighting



Item No.	Light Colour	CRI	Lumen	Diameter	Volt	IP	Watt	Energy
SL-SPOT06-NW3W-*	4000K	85	230	68 mm	24	44 / 20	2.5	G
SL-SPOT06-WW3W-*	3000K	85	220	68 mm	24	44 / 20	2.5	G

^{*}Composition of the item number - e.g.: SL-SPOT06-NW3W in black = SL-SPOT06-NW3W-PB12



EXPRESS LED CONNECTION SYSTEM

- Universally applicable, with 8 mm wide SIRO MONO LED strips: Viper, Diamond Pro
- ▶ The flat design of the clips allows versatile use within the aluminium profiles
- ▶ Solder-free installation, easy contact by pressing the LED strip and connector together
- Durable, secure connection, enables LED strips to be connected and attached absolutely reliably within seconds (comparable to a soldered connection)
- Quick maintenance aid for defective or older LED strip segments
- ▶ Continuous light extension with strip-to-strip connector

LED Strip-To-Strip Connector



- Max. 3 A (72 Watt @ 24 V DC)
- Package size: 5 pcs

LED Strip-Corner-Strip Connector



- Max. 3 A (72 Watt @ 24 V DC)
- Package size: 5 pcs



EXPRESS LED CONNECTION SYSTEM

LED Strip Connection Cable 500 Mm & 2000 Mm



- ► Cable length: 500 mm or 2000 mm, with SIRO MONO connector
- Max. 3 A (72 Watt @ 24 V DC)
- Package size: 5 pcs





Item No.	Item description
SL-CAB2-5000	1 × 5 metre 2-pin cable
SL-CAB2-25000	1 × 25 metre 2-pin cable
SL-CAB2-IC-V5	5 × I-connectors
SL-CAB2-TC-V5	5 × T-connectors
SL-CLIP2-DB500S-V5	5 × LED strip connection cable 500 mm
SL-CLIP2-DB2000S-V5	5 × LED strip connection cable 2000 mm
SL-CLIP2-SC60S-V5	5 × LED strip-to-cable-to-strip connectors
SL-CLIP2-SS-V5	5 × LED strip-to-strip connectors
SL-CLIP2-SWS-V5	5 × LED strip-corner-strip connectors





Extension cable 2000 mm

- ▶ Extension cable 2000 mm with SIRO MONO connector
- Max. 3 A (72 Watt @ 24 V DC)
- Package size: 5 pcs

Item No.	Item description
SL-CAB2-EXT-2000-V5	5 × 2000 mm extension cables



6-way distribution box

- ▶ 6-way distribution box
- ▶ 250 mm cable with SIRO MONO connector
- ▶ Total: Max. 3 A (72 Watt @ 24 V DC)
- Max. 3 A per connection
- Package size: 1 pc

Item No.	Item description
SL-DBOX2-6-250	1 × 6-way distribution box



2-Way Splitter (Y-Splitter)

- 2-way splitter
- ▶ 600 mm cable with SIRO MONO connector
- ▶ Total: Max. 3 A (72 Watt @ 24 V DC)
- Max. 3 A per connection
- Package size: 1 pc

Item No.	Item description
SL-CAB2-VER2-600	2-way splitter (Y-splitter)

- Use the product exclusively for low-voltage applications.
- The symbol of a crossed-out wheeled bin, regularly shown on electrical and electronic equipment, indicates that the device must be collected separately from unsorted municipal waste at the end of its service life.



DUO2POL (WARM WHITE-COOL WHITE)







DUO2POL-LIGHTING SYSTEMS: 2200K - 6000K















2 POLE / ENDLESS POSSIBILITIES

DUO2POL-Lighting design by SIRO





DUO2POL: TWO WORLDS - ONE STRIP!

Light is not static – it adapts to moods, times of day, and individual needs. With DUO2POL, you combine two light worlds in a single strip: continuously adjustable warm white and cool white (2200K – 6000K). Whether you want a cosy, warm atmosphere or clear, neutral light – you decide the effect your space should create.

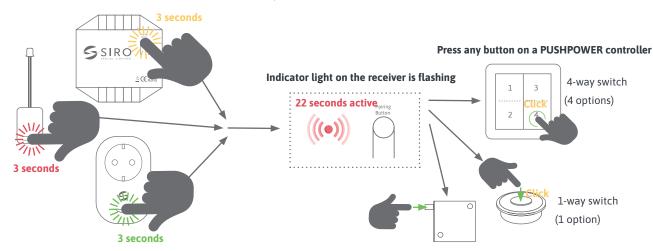
Experience lighting in a new way – with a technology that offers maximum flexibility, easy installation, and limitless design possibilities. Because light should not just illuminate, it should inspire!

KEY FUNCTIONS AT A GLANCE



CONNECTING (PAIRING) CONTROLLER (SWITCH) & RECEIVER

How to establish communication between the switch and your receiver:



Press and hold for 3 seconds - the light will start flashing (heartbeat).

The activity mode remains active for 22 seconds; after that, the pairing process is cancelled and the light turns off.

The pairing process can also be cancelled by disconnecting from the power supply.

Each button/option (1&2) can be assigned its own function/option. If not assigned, it acts as a blank button.



By activating the first button (Option 1), it becomes ON/OFF, and the opposite button (Option 2) automatically becomes the colour controller. When multiple switches are activated, they function as two-way switches.

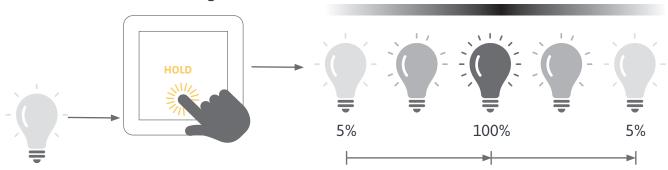
MEMORY FUNCTION

The system always remembers the last light setting before switching off (power failure). The exception is night mode.





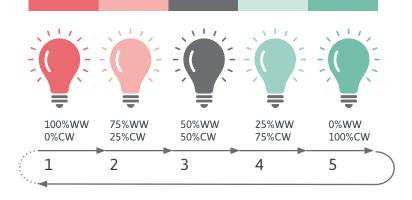
DIMMING: Press and hold while the light is on



COLOUR SETTINGS ON DUO2POL RECEIVER

There are 5 settings:

- 1 100% warm white (WW) / 0 % cool white (CW)
- 2 > 75% warm white (WW) / 25 % cool white (CW)
- 3 > 50% warm white (WW) / 50 % cool white (CW)
- 4 > 25% warm white (WW) / 75 % cool white (CW)
- 5 0% warm white (WW) / 100 % cool white (CW)

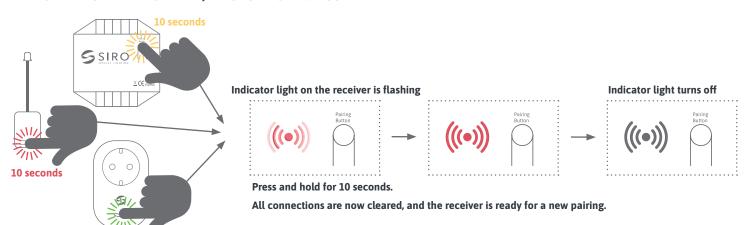


NIGHT MODE: Press and hold while the light is off

Activate the night mode on our PUSHPOWER switches to provide gentle, dimmed lighting during the night. This function allows the light to be reduced to a comfortable level to avoid glare. A long press (2 seconds) on the switch while it is off activates the night light at 5% brightness. Night mode settings are not saved.

RESETTING THE RECEIVER / FACTORY SETTINGS

10 seconds







DUO2POL Receiver SL-PPREC01DUO2W

The SIRO DUO2POL Receiver SL-PPREC01DUO2W provides convenient control of your SIRO DUO2POL LED lights (2200–6000K) – including switching on/off, smooth dimming, and a memory function that saves your last light setting. With a wireless range of up to 30 metres and the ability to connect multiple switches, it offers maximum flexibility.

PRODUCT FEATURES

- ▶ 12-24V DC DUO2POL receiver as a receiver for PUSHPOWER switches
- Plug-and-play for connecting SIRO LED lights
- The receiver can store up to ten buttons.
 With a two-way switch, you can connect one button, and the other button of the switch automatically becomes the colour changer.
 With a four-way switch, up to two buttons can be assigned.
 In total, up to ten different commands are possible.
- Wireless range up to 80 metres in open areas
- ► Functions: ON OFF DIMMING
- Product has a memory function (last light setting)
- ▶ Stepless colour adjustment

INSTALLATION

The product can be glued or placed individually

DIMENSIONS

► Housing dimensions (L×D×H): 52 x 52 x 23 mm

Distribution box dimensions (L×W×H): 55.5 x 33 x 10 mm

SL-PPREC01DUO2W

TECHNICAL DRAWING

55,5 mm 333 mm 52.00 mm 52.00 mm 23.00 mm

TECHNICAL FEATURES

▶ Transmission protocol: RF 433 mhz

Range: 30 metres (indoors)

▶ IP Rating: IP20

Input: $12-24 \text{ V DC}, 2 \times 150 \text{ mm connection cables (AWG 20)}$

with SIRO connector (per connector 3 A = max. 72 Watt

@ 24 V DC)

Output power: 144 Watt @ 24V DC, 1 x 150 mm

connection cable (2 x 0,75 mm²)

with 6-way distribution box, 3 A per connection

= 72 Watt @ 24 V DC, total 6 A = 144 Watt @ 24 V DC

Standby power: ≤ 1W
Receiver sensitivity: -110dBm
Dimming method: PWM 1000 Hz
Operating temperature: 0°C to 55°C



DUO2POL VIPER LED 5 mm - Maximum Flexibility, Impressive Performance

Rethinking Light: The Viper LED strip sets new standards in efficiency, versatility and design. With its innovative Freecut division it adapts perfectly to any project, while the state-of-the-art COB technology delivers a seamless, glare-free line of light.

Whether for stylish accent lighting or powerful general illumination – this strip provides exactly the light you need.

Thanks to the variable colour temperature (2200K – 6000K), it can be operated in either cool white or warm white to suit the mood. Its straightforward installation – self-adhesive or integrated using a 5 mm saw blade – makes it a true all-rounder.

And with our EXPRESS 5 mm LED Connection System, connection takes just seconds.

Unleash your creativity and set new lighting accents with the Viper DUO2POL LED strip!



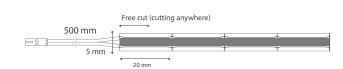
8

Watt

- Division: Freecut
- ▶ Highly durable
- ▶ High efficiency improved lumen output: 800 lm/m
- Universal application, easy handling
- Self-adhesive or can be integrated using a 5 mm saw blade
- Width: 5 mm
- ▶ Length: 5000 mm or 20.000 mm
- Maximum recommended length for single-sided feed: 9 m
- ▶ 24V DC 8 W per metre COB chip
- ▶ 400 LEDs per metre
- ▶ IP 20 (indoor use)
- ▶ Colour temperature: 2200K 6000K
- ▶ 500 mm connection cable at both ends (20 m roll supplied without connection cable)
- Compatible with the EXPRESS 5 mm LED Connection System (observe polarity when connecting)



The SIRO strips can be connected at any desired point by soldering or using the Express Clip connection.



Item No.	LED/M	Light Colour	CRI	Width	Length 8	t Lumen	Cut	Voltage	IP	W/M	Energy
CL 2DEDDOW2240 *	400	22001/ (0001/	0.5	F	5000 mm	20000 mm	FDFF	2.4	20	0	-
SL-2D5RP8W2260-*	400	2200K-6000K	95	5 mm	800 Lu	men/m	FREE	24	20	δ	F

^{*}Composition of the article number - e.g.: SL-2D5RP8W2260 in 5000 mm = SL-2D5RP8W2260-5MA

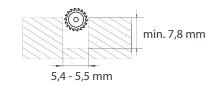




FLIPLENS – optical silicone cover for 5 mm SIRO LED WIRE

- Optical silicone cover with clear or opal light diffusion
- Clear or opal option can be processed with a cutting/milling width of 5.4-5.5 mm
- Different beam angles possible through varying cut depths
- FLIPLENS provides a sealing function at the cut edge
- Designed for use with 5 mm wide LED strips
- Desired length can be cut with scissors or a knife
- Packaging unit: 1 piece
- Total length: 10.000 mm
- Width "Clear" & "Black": 5.6 mm (±0.2 mm)
- **Light Transmission:**

"Clear Version": Clear 99% | Opal 75%







"Black Version": Clear 80% | Black 50%

Stamp Roller for FLIPLENS



Item No. Length		Width	Colour
SL-FL5658-10000	10.000 mm	5.6 x 5.6 mm	Clear
SL-FL5658BS-10000	10.000 mm	5.6 x 5.6 mm	Black

Item N	lo.
SL-TO	DL-FL01

EXPRESS LED CONNECTION SYSTEM for 5 mm LED STRIPS

The clip system allows quick and secure attachment of LED strips without soldering. Simply clip the LED strip in place and connect it using the pliers. With the included connection wires, strip-to-strip connectors, and corner connectors, installation becomes even easier and more flexible.

Key Advantages:

SL-FL5658-10000

- Simple installation and individual adjustment without screws or adhesives
- Fast and reliable connection of LED strips thanks to the clip system



CONNECTION WIRES - 500 & 2000 MM

2-pin wire for 5 mm wide LED strips, AWG 20, max. 3 A

Item No.	Length		
SL-CLIP2S-DB500S-V5	500 mm		
SL-CLIP2S-DB2000S-V5	2000 mm		

STRIP-TO-STRIP CONNECTOR

For 5 mm wide LED strips, max. 3 A

Item No.	Set
SL-CLIP2S-SS-V5	5 pieces



STRIP-CORNER CONNECTOR For 5 mm wide LED strips, max. 3 A

Item No.	Set
SL-CLIP2S-SWS-V5	5 pieces



DUO2POL DIAMOND PRO 8 mm

Versatile, brilliant, and incredibly easy to use - the DUO2POL DIAMOND PRO is the perfect choice for stylish accent lighting and seamless light lines. With 1200 lumens per metre, it delivers impressive brightness without the need for bulky heatsinks. Its slim design allows for almost anywhere integration and effortless handling.

Thanks to the innovative DUO2POL technology, the colour temperature can be flexibly adjusted between 2200K and 6000K - from warm, cosy light to clear, neutral white. Combined with the EXPRESS Connection System, installation is quick and reliable.

Whether used with Flexline or One4all profiles, the DIAMOND PRO offers maximum creative freedom for high-quality indoor lighting solutions. Experience lighting design without compromise – flexible, brilliant, and easy to implement!

- Universally applicable, easy to process
- Can be cut anywhere (FreeCut)
- Usable without a heatsink (aluminium profile)
- Width: 8 mm, Length: 5000 mm or 20.000 mm
- Voltage / Power: 24V DC 10 W per metre SMD chip
- LED density: 400 LEDs per metre, 1,200 lm/m
- IP Rating: IP20 (indoor use)
- Colour temperature: 2200K 6000K
- 500 mm connection cable at both ends (20 m version without connection cable)
- Maximum recommended length for single-sided feed: 8 m
- Compatible with EXPRESS Connection System
- Can be used with Flexline or One4all profiles

10 Watt



DIAMOND PRO SERIES

Connecting the LED Strip

The SIRO strips can be connected at any point using either soldering or the Express Clip connection.



Item No	LED/M	Light Colour	CRI	Width	Length 8	t Lumen	Cut	Voltage	IP	W/M	Energy
CL 2D0DD10W2240 *	400	22001/ (0001/	0.5		5000 mm	20000 mm		2.4	20		
SL-2D8DP10W2260-*	400	2200K - 6000K	95	8 mm	1200 Lu	ımen/m	FREE	24	20	10	E

^{*}Composition of the Article Number - e.g.: SL-2D8DP10W2260 in 5000 mm = SL-2D8DP10W2260-5MA





DUO2POL VIPER 8 mm

When it comes to consistent, high-performance lighting, the DUO2POL VIPER is the perfect choice. With 1500 lumens per metre, it provides enough brightness for impressive room illumination, while the COB technology ensures a seamless, uniform line of light.

The variable colour temperature from 2200K to 6000K allows you to create the perfect mood, from warm, atmospheric light to clear, precise white.

Thanks to the DUO2POL system, installation is straightforward, especially when combined with the EXPRESS Connection System and One4all profile.

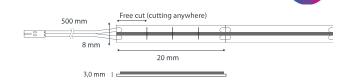
For optimal heat dissipation, the use of a heatsink (e.g., One4all profile) is recommended – keeping the strip powerful and durable. Whether for accent lighting or general room illumination, the DUO2POL VIPER impresses with efficiency, light quality, and ease of use.

- Universally applicable, easy to handle
- Can be cut anywhere (FreeCut)
- ▶ Width: 8 mm, Length: 5000 mm or 20.000 mm
- ▶ Voltage / Power: 24V DC 15 W per metre COB chip
- ▶ LED density: 400 LEDs per metre, 1500 lm/m
- ▶ IP Rating: IP20 (indoor use)
- Colour temperature: 2200K 6000K
- 500 mm connection cable at both ends
 (20 m version supplied without connection cable)
- Maximum recommended length for single-sided feed: 5 m
- ▶ Compatible with EXPRESS Connection System & One4all profile
- Use of a heatsink (e.g., One4all) is recommended

Connecting the LED Strip

The SIRO strips can be connected at any point using either soldering or the Express Clip connection





Item No	LED/M	Light Colour	CRI	Width	Length 8	t Lumen	Cut	Voltage	IP	W/M	Energy
CL 2D0DD15W2240 *	400	22001/ (0001/	0.5		5000 mm	20000 mm	FDFF			15	_
SL-2D8RP15W2260-*	400	2200K - 6000K	95	8 mm	1500 Lu	men/m	FREE	24	20	15	F

^{*}Composition of the Article Number - e.g.: SL-2D8RP15W2260 in 5,000 mm = SL-2D8RP15W2260-5MA





DUO2POL FLEXLINE 48

- ▶ Silicone Profile 4 × 8 mm with SIRO DUO2POL LED 8 W/m
- ▶ Contains a light source of energy class G
- Can be cut anywhere (FreeCut)
- Connects with:
 - SL-FLEX48-DB500S (500 mm connection cable with end cap)
 SL-FLEX48-DB2000S (2000 mm connection cable with end cap)
- Minimum bending radius: 2 mm (for corner solutions)
- ▶ 20 m roll
- ▶ IP Rating: IP20 (can be sealed with silicone at both ends to achieve IP67)
- Maximum recommended length for single-sided feed: 10 m
- ▶ Suitable for installation in furniture carcasses
- ► Groove width: 4 mm | Groove depth: 9–10 mm*

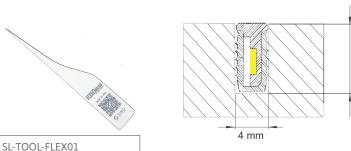
 *A trial milling is recommended before processing!
- Use the SL-TOOL-FLEX01 repositioning tool if the Flexline needs to be lifted from the groove!



8 Watt

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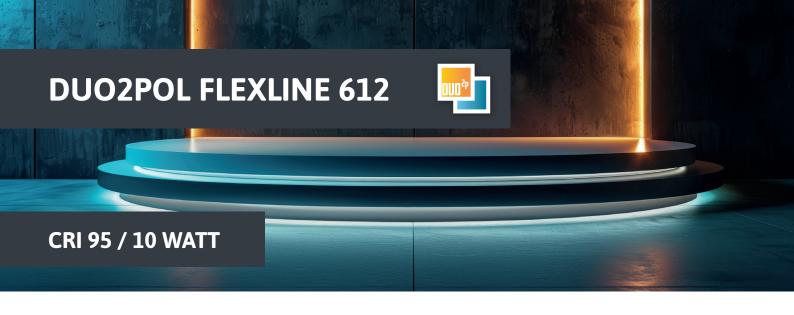
9 - 10



Item No	LED/M	Light Colour	CRI	Lumen/M	Width × Height	Length	Cut	Voltage	IP	W/M	Energy
SL-FL48-8W2260-20MA	300	300 2200K - 6000K 80 300 4 x 8 mm 20.000 mm FREE 24 20 8							G		
SL-FLEX48-DB500S	500 mm	500 mm connection cable with end cap									
SL-FLEX48-DB2000S	2000 mr	2000 mm connection cable with end cap									
SL-TOOL-FLEX01	Repositioning tool included with the 20 m roll										







DUO2POL FLEXLINE 612 - Silicone profile with SIRO DIAMOND PRO

10 Watt

- ▶ Silicone profile 6 x 12 mm with SIRO DIAMOND PRO 10 Watt/m
- ▶ Contains a light source of energy class E
- Extremely small and robust LED chip design
- ▶ 500 mm pre-soldered connection cable with SIRO MONO connector
- ▶ IP Rating: IP20 (can be sealed with silicone at both ends to achieve IP67)
- ▶ Controllable and dimmable with SIRO DUO2POL Receiver
- Specified lengths refer to the silicone profile; the length of the integrated light source may vary
- Installation recommendation:

Groove reference dimensions: Width: 5.9–6.1 mm | Depth: 11.9–12.1 mm

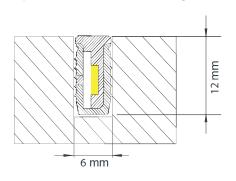
Due to the complex manufacturing process of extruded silicone products, a trial cut/
milling is recommended before processing to determine the optimal cut width and depth.



Item No	LED/M	Light Colour	CRI	Lumen/M	Width x Height	Length	Voltage	IP	W/M	Energy
						450 mm				
						600 mm				
						900 mm				
						1200 mm				
SL-FL-DP10W2260-*	400	2200K- 6000K	95	360	6 mm x 12 mm	1500 mm	24	20 /67	10	Е
						2000 mm				
						2500 mm				
						3000 mm				
						5000 mm				
SL-FLEX-KL1206-SET1	Mounting Clips			8 mm x 14 mm	20 mm	10 piece	s, includir	ng mountin	ig screws	

Photometric data refers to the DUO2POL Diamond Pro LED strip used.

*Composition of the article number - e.g.: SL-FL-DP10W2260 in 1,200 mm = SL-FL-DP10W2260-1200





SL-FLEX-KL1206-SET1



DUO2POL FREECUT LED Profile

▶ Aluminium Profile 6 × 8 mm with 5 mm SIRO DUO2POL LED - 8 W/m

▶ Contains a light source of energy class F

Can be cut anywhere (FreeCut)

Connects with:

SL-L69-DB500S-K77 (500 mm connection cable with end cap)
SL-L69-DB2000S-K77 (2000 mm connection cable with end cap)

- ▶ Suitable for installation in furniture carcasses
- ▶ Groove width: 5.9 mm ± 0.1 mm*
- ▶ Groove depth: 8 mm*
 - *A trial milling is recommended before processing!

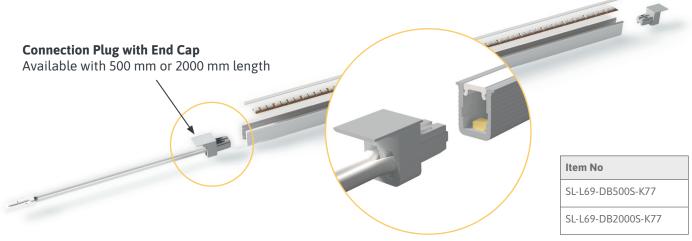
Applications

- Plinth lighting
- ▶ Indirect room lighting
- ▶ Lighting solutions in shelves, cabinets, and display cases

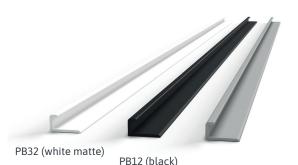


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Item No	LED/M	Light Colour	CRI	Lumen/M	Width × Height	Length	Cut	Voltage	IP	W/M	Energy
SL-L69-8W2260AL1-3MA	168	2200K - 6000K	90	288	6 mm x 8 mm	3000 mm	FREE	24	20	8	F
SL-L69-DB500S-K77											
SL-L69-DB2000S-K77		Connection	on Cable	e with End Ca	aρ	2000 mm					







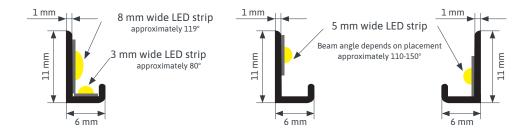
AL1 (anodised aluminium)

Applications

- Kitchen worktop lighting
- Plinth lighting
- ▶ Indirect room lighting
- Work surface lighting
- ▶ Lighting solutions in shelves, cabinets, and display cases

ONE4ALL - ALUMINIUM PROFILE

- Elegant and Versatile
- Quick installation through simple adhesion in furniture high adhesive backing strength
- Insert the LED strip peel off the adhesive backing of the profile stick the profile in the desired location
- Slim design fits perfectly in any interior and is ideal for shelves, cabinets, or display cases
- ▶ Can be installed horizontally or vertically
- ▶ Compatible with 3 mm SIRO COB Wire, 5 mm, and 8 mm wide LED strips
- Available in black (PB12), matte white (PB32), or anodised aluminium (AL1)
- Perfect lighting without a cover: specifically designed for furniture lighting, providing an optimised beam angle; no light is lost, ensuring particularly effective and efficient illumination
- ▶ Can also be used as a heatsink for LED strips
- Available in 2000 mm and 2950 mm lengths



Item No	Length	Product Dimensions (LxBxH)	Colour	Contents
SL-PR148AL1-2M-V10	2000 mm	2000 x 11 x 6 mm	Anodised Aluminium	10
SL-PR148AL1-3M-V10	2950 mm	2950 x 11 x 6 mm	Anodised Aluminium	10
SL-PR148PB12-2M-V10	2000 mm	2000 x 11 x 6 mm	Black	10
SL-PR148PB12-3M-V10	2950 mm	2950 x 11 x 6 mm	Black	10
SL-PR148PB32-2M-V10	2000 mm	2000 x 11 x 6 mm	White Matte	10
SL-PR148PB32-3M-V10	2950 mm	2950 x 11 x 6 mm	White Matte	10



EXPRESS LED CONNECTION SYSTEM

- Universally Compatible with 8 mm SIRO DUO2POL LED Strips: Viper, Diamond Pro
- The flat design of the clips allows versatile use within aluminium profiles
- Solderless installation: easily connect LED strips and connectors by pressing together
- Durable and secure connection: enables LED strips to be reliably joined in seconds, comparable to a soldered connection
- Quick maintenance: easily replace defective or older LED strip segments
- Seamless light extension: use band-to-band connectors for continuous illumination

LED Strip-to-Strip Connector



- Maximum: 3 A (72 W @ 24 V DC)
- Pack Size: 5 pieces.

LED Strip-Corner-Strip Connector



- Maximum: 3 A (72 W @ 24 V DC)
- Pack Size: 5 pieces.



EPRESS

LED Strip Connection Cable - 500 mm & 2000 mm



- Cable Length: 500 mm or 2000 mm with SIRO MONO connector
- Max: 3 A (72 W @ 24 V DC)
- Pack Size: 5 pieces.







Item No	Item description
SL-CAB2-5000	1 × 5 m 2-pin cable
SL-CAB2-25000	1 × 25 m 2-pin cable
SL-CAB2-IC-V5	5 × I-connectors
SL-CAB2-TC-V5	5 × T-connectors
SL-CLIP2-DB500S-V5	5 × LED strip connection cables, 500 mm
SL-CLIP2-DB2000S-V5	5 × LED strip connection cables, 2000 mm
SL-CLIP2-SC60S-V5	5 × LED strip-to-cable connectors
SL-CLIP2-SS-V5	5 × LED strip-to-strip connectors
SL-CLIP2-SWS-V5	5 × LED strip-corner-strip connectors





Extension cable 2000 mm

- ▶ Extension cable 2000 mm with SIRO MONO connector
- Max. 3 A (72 Watt @ 24 V DC)
- ▶ Package size: 5 pcs

Item No.	Item description
SL-CAB2-EXT-2000-V5	5 × 2000 mm extension cables



6-way distribution box

- ▶ 6-way distribution box
- ▶ 250 mm cable with SIRO MONO connector
- ▶ Total: Max. 3 A (72 Watt @ 24 V DC)
- Max. 3 A per connection
- Package size: 1 pc

Item No.		Item description
SL-DBOX2-6-2	50	1 × 6-way distribution box



2-Way Splitter (Y-Splitter)

- 2-way splitter
- ▶ 600 mm cable with SIRO MONO connector
- ▶ Total: Max. 3 A (72 Watt @ 24 V DC)
- Max. 3 A per connection
- Package size: 1 pc

Item No.	Item description
SL-CAB2-VER2-600	2-way splitter (Y-splitter)

- Use this product only for low-voltage applications.
- The symbol of a crossed-out wheeled bin, commonly shown on electrical and electronic devices, indicates that the device must be disposed of separately from unsorted household waste at the end of its life.



RGB (COLOURED LIGHT)



RGB-LIGHTING SYSTEMS: 13 different colours



LIGHT IN ITS FULL SPECTRUM

RGB-Lighting design by SIRO





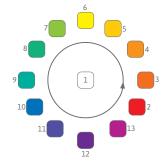
RGB: COLOUR IN MOTION – LIGHT THAT COMES ALIVE.

The SIRO RGB system combines rich colour dynamics with intuitive control - creating lighting that inspires and adapts to your mood.

Whether choosing a single colour manually in static mode or enjoying automatic colour transitions in the dynamic RGB-PLAY mode, you decide whether bold colour accents take centre stage or gentle shifts bring the room to life. The speed can be adjusted to suit your preference – from energetic to calming.

Colour ideas for your lighting mood:

Red: Ideal for lounge areas, bars, or wellness spaces – creates warmth and a welcoming atmosphere. Green: Perfect for relaxation zones, bedrooms, or unwinding after a long day – calming and natural. Blue: Suited for workspaces, gaming zones, or modern kitchen lighting – clear, focused, and cool. Purple/Violet: Excellent for creative spaces, boutiques, or events – inspiring and sophisticated. Orange: Great for living rooms, dining areas, or reception spaces – friendly, cosy, and uplifting.



Thanks to wireless control via PUSHPOWER switches and the precise memory function, the system adapts seamlessly to your routines. With a single click, you can recall your favourite scene – reliably, efficiently, and without the need for an app.

Slim design, flexible handling, and brilliant colour reproduction make the RGB system the perfect solution for creative interior design – from display cabinets to living areas, from mood lighting to architectural staging.

Lighting should not just illuminate - it should inspire.

Every lighting project is unique, that's why SIRO offers the right LED system for every requirement: from clear function to creative colour variety. Whether for accent lighting, functional illumination, or dynamic colour effects – SIRO has the perfect system: MONO, DUO2POL, or RGB.



MONO - The classic for clear light

Opt for pure elegance: the MONO system delivers reliable and uniform illumination in a fixed colour ideal for those who appreciate simple perfection.



DUO2POL - Smart control with minimal effort

Maximum functionality, minimal installation effort: the DUO 2-Wire system combines the advantages of DUO with simple wiring – perfect for renovations and retrofits.



RGB - Colours that inspire

For those who want to design with light: the RGB system delivers true highlights with a vast colour palette. From vibrant and bold to calming and soft – your creativity knows no limits.



LIGHT IN ITS MOST COLOURFUL FORM

With the SIRO RGB system, new possibilities for lighting design open up – colourful, intuitive, and atmospheric. Whether you want to create clear accents or bring vibrant dynamics into your rooms, this system brings colour to life – as versatile as your mood.

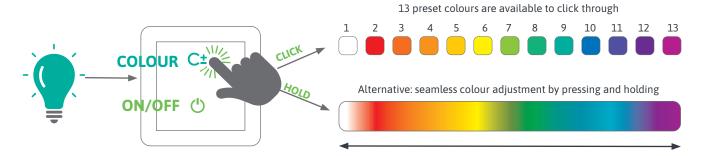
Two modes - a world full of possibilities:

1) Static mode - 13 colours. 13 moods.

In static mode, you can choose from **13 predefined colour shades** – each with its own atmosphere that transforms your surroundings and evokes emotions:

Pure white – neutral, clear, functional / Red – passionate, powerful / Red-orange – lively, invigorating / Orange – warm, inviting / Yellow-orange – friendly, vital / Yellow – sunny, optimistic / Yellow-green – fresh, creative / Green – balancing, nature-inspired / Blue-green – calm, relaxing / Blue – cool, focused / Blue-violet – elegant, inspiring / Violet – mysterious, luxurious / Red-violet – sensual, atmospheric.

Simply click through - or press and hold for seamless fine-tuning. This way, you create your perfect light colour - precisely matched to the moment.



2) Dynamic mode - RGB-PLAY: Let the light take over.

In dynamic mode, the light moves on its own – creating smooth, automatic colour transitions across the entire RGB spectrum. The shifts are soft, organic, and emotional – perfect for an atmosphere that keeps evolving.

You set the pace:

Energetic at 5 seconds per colour / Balanced at 30 seconds / Relaxing with gentle transitions over 2 minutes The RGB-PLAY mode brings your light to life – without you lifting a finger.

Intuitive control - wireless and reliable.

Operation is handled via wireless PUSHPOWER switches – stylish in form, precise in function. With up to 10 linkable switches, your control remains flexible – and the built-in memory function ensures your favourite scene returns instantly the next time you switch on.

SIRO RGB: Light that shows colour. Mood that lasts.



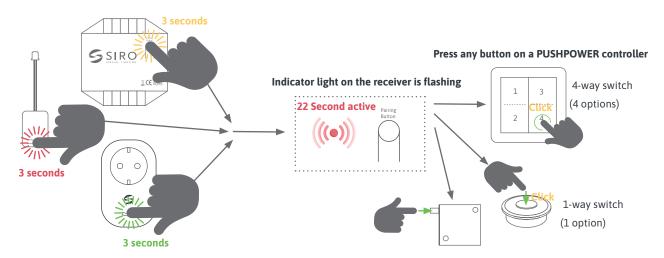


KEY FUNCTIONS AT A GLANCE



CONNECTING (PAIRING) CONTROLLER (SWITCH) & RECEIVER

How to establish communication between the switch and your receiver:



Press and hold for 3 seconds - the light will start flashing (heartbeat).

The activity mode remains active for 22 seconds; after that, the pairing process is cancelled and the light turns off.

The pairing process can also be cancelled by disconnecting from the power supply.

Each button/option (182) can be assigned its own function/option. If not assigned, it acts as a blank button.



By activating the first button (Option 1), it becomes ON/OFF, and the opposite button (Option 2) automatically becomes the colour controller. When multiple switches are activated, they function as two-way switches.

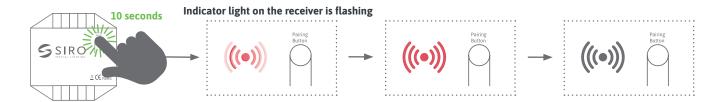




MEMORY FUNCTION

The RGB PUSHPOWER receivers are equipped with a convenient memory function. After switching off – either via the switch or due to a power outage – the system remembers the last selected colour and brightness. When switched on again, this exact lighting scene is automatically restored – no reconfiguration needed.

RESETTING THE RECEIVER / FACTORY SETTINGS



Press and hold for 10 seconds. All connections are now cleared, and the receiver is ready for a new pairing.

To reset the RGB PUSHPOWER receiver, press and hold the pairing button on a connected PUSHPOWER receiver for 10 seconds. After this time, all existing connections are cleared, and the receiver returns to its factory settings.

It is now ready to be paired again with switches or controllers – ideal for system changes or a complete reconfiguration.

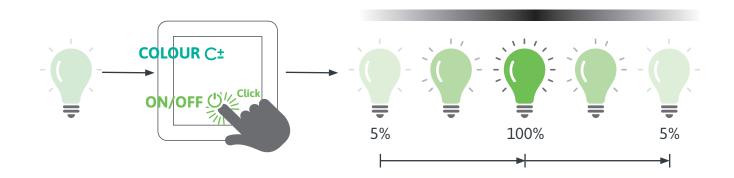


2 MODES:

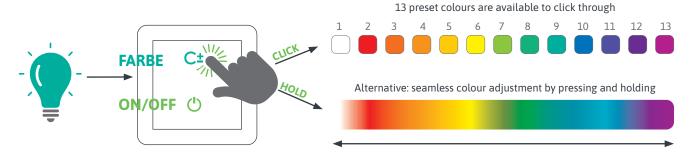
1) STATIC MODE (short click on ON/OFF when the light is off):

You select a specific colour – either from 13 predefined shades or continuously using the button. The colour remains constant until you change it. After the pairing process, the receiver automatically starts in Static Mode when the ON/OFF button is pressed.

DIMMING: A longer press on the ON/OFF button while the light is on is used to gradually increase or decrease the brightness. This allows precise adjustment of the lighting according to personal preference. The button opposite the paired ON/OFF switch automatically becomes the colour changer. It starts with white light or at the brightness level last set (memory function).



STATIC MODE COLOUR SETTING:



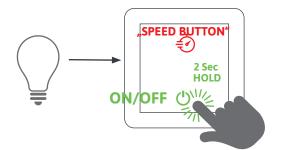
Pressing and holding the ON/OFF switch for 2 seconds while the light is off activates Dynamic Mode



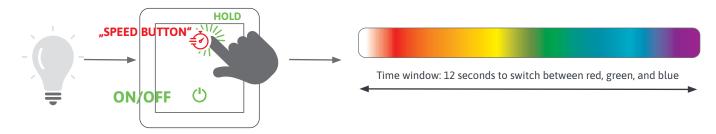
2) DYNAMIC MODE (long click on ON/OFF when the light is off):

The light automatically changes colour – smoothly and continuously across the entire RGB spectrum. The speed can be adjusted individually. After the pairing process, the receiver automatically starts in Static Mode. A longer press on the ON/OFF switch while the light is off is used to switch to Dynamic RGB PLAY Mode, which automatically cycles through red, green, and blue.

DIMMING: A longer press on the ON/OFF button while the light is on is used to gradually increase or decrease the brightness. This allows precise adjustment of the lighting according to personal preference.



DYNAMIC MODE SPEED SETTING:



There are 3 speed levels in RGB PLAY Mode. The adjustable speed intervals for the dynamic colour changes are:

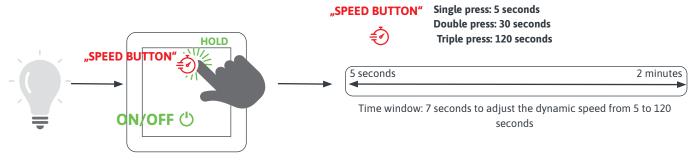
5 seconds, 30 seconds, and 2 minutes per colour cycle.

By pressing and holding the Speed Button, the speed can be smoothly adjusted from 5 seconds to 120 seconds and vice versa.

Additional details:

The first activation of the Speed Button starts at 5 seconds and begins with red. This is important for synchronising multiple receivers.

Each time the Speed Button is pressed and held, the direction changes between 5 seconds and 120 seconds. You have a 7-second window to adjust the speed.







RGB Receiver SL-PPREC01RGB

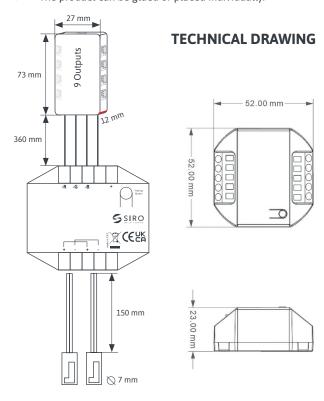
The RGB receiver SL-PPREC01RGB is the control centre for SIRO RGB LED strips. It is installed between the power supply and the LED strip and is wirelessly controlled via PUSHPOWER switches. Two modes are available: Static, with direct colour selection or continuous adjustment, and Dynamic (RGB PLAY), with automatic colour changes. The speed is adjustable (5 seconds to 2 minutes). With up to 30 m wireless range and a memory function for colour and brightness, the receiver is ideal for flexible RGB solutions indoors.

PRODUCT FEATURES

- ▶ 12-48V DC RGB receiver for use with PUSHPOWER switches
- ▶ Plug-and-play connection for SIRO RGB LED lights, including 9-way distribution box
- The receiver can store up to nine buttons
 With a two-way switch, one button is paired and the other becomes the colour
 changer. With a four-way switch, two buttons can be assigned. Up to nine different
 commands are possible in total.
- ▶ Radio-based range of up to 80 metres
- 2 modes: 1) Static Mode: manual colour adjustment
 - 2) Dynamic Mode (RGB PLAY): automatic colour-changing mode
- Memory function stores the last colour and light setting

INSTALLATION

The product can be glued or placed individually.



DIMENSIONS

Housing dimensions (LxDxH): 52 x 52 x 23 mm
 9-way distribution box dimensions (LxWxH): 73 x 27 x 12 mm

TECHNICAL FEATURES

► Transmission protocol: RF 433 mhz

Range: 30 metres (indoors)

▶ IP Rating: IP20

Input: 12 - 48V DC

2 x 150 mm connection cables (AWG20)

with SIRO MONO connector (3A per

SL-PPREC01RGB

connector)

Output power: 144 Watt @ 24V DC

1 x 150 mm connection cable (AWG 20)

with 9-way distribution box 3A per output = 144 W @ 24V DC

6A total = 144 W @ 24V DC

Receiver sensitivity: -110dBm
 Dimming method: PWM 1000 Hz
 Operating temperature: 0°C to 55°C





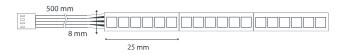
RGB DIAMOND PRO 8 mm

Slim, powerful, brilliant – the RGB DIAMOND PRO strip is the perfect choice for sophisticated colour-light displays in tight spaces. At just 8 mm wide, it fits seamlessly into delicate profiles and narrow installation situations – without compromising on light output or colour depth.

The high-quality RGB configuration delivers rich colours and uniform illumination along the entire length. Ideal for accent lighting, display cabinets, or subtle ambient effects.

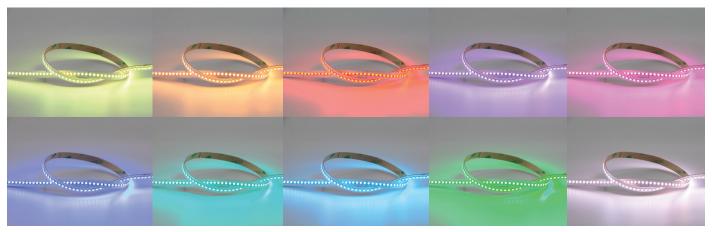
Used with a suitable heatsink (e.g., One4all profile), the RGB strip maintains long-lasting performance and colour stability. Whether for commercial projects or private use, this strip impresses with its compact design, ease of handling, and striking colour effects.

- Universal use, easy installation
- Width: 8 mm, Length: 5000 mm
- Pitch: 25 mm
- ▶ 24V DC 15 W/m SMD chip
- ▶ 280 LEDs per metre, 350 lumens per metre
- ▶ IP20 (indoor use)
- ▶ Colour temperature: RGB colour spectrum with 13 preset colours
- 500 mm connection cable at both ends
- Maximum recommended length for single-sided power supply: 5 m
- Can be used with FLEXLINE 612 as a light source





Item No.	LED/M	Light Colour	Width	Length	Lumen	Cut	Volt	IP	Watts/M	Energy
SL-2RGB8DP15W-5MA	280	RGB colour	8 mm	5000	350	25 mm	24	20	15	G



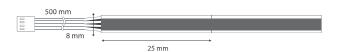


RGB VIPER 8 mm

When colour meets performance, the RGB VIPER LED strip is the first choice for dynamic lighting design. With powerful RGB chips, it produces brilliant colour accents or atmospheric lighting – perfect for modern interiors, display cabinets, or ambient illumination. The CSP technology ensures a consistently uniform light line without visible hotspots – ideal for open applications.

Thanks to the innovative 4-pole RGB technology, countless colour combinations are possible – from gentle gradients to intense effects. For optimal performance, we recommend using a heatsink profile (e.g., One4all) to ensure long-lasting lifespan and colour brilliance. Whether in residential spaces, retail, or hospitality, the RGB VIPER LED strip delivers vibrant colours, even illumination, and effortless integration.

- Pitch: 25 mm
- Universal use, easy installation
- Adhesive-backed
- Width: 8 mm
- Length: 5000 mm
- Maximum recommended length for single-sided power supply: 5 m
- ▶ 24V DC 15 W/m CSP chip
- ▶ 280 LEDs per metre
- ▶ IP20 (indoor use)
- ▶ Colour temperature: RGB colour spectrum with 13 preset colours





Item No.	LED/M	Light Colour	Width	Length	Lumen	Cut	Volt	IP	Watts/M	Energy
SL-2RGB8RP15W-5MA	280	RGB	8 mm	5000 mm	300	25 mm	24	20	15	G





RGB Recessed Spot

- 25° adjustable recessed spot with interchangeable frame
- 500 mm pre-soldered connection cable with SIRO RGB connector
- + 2000 mm extension cable
- Protection class: IP44
- Controllable and dimmable with SIRO RGB Receiver
- Cut-out diameter: 81-84 mm
- Installation depth: 56 mm (without spring)
- Ceiling thickness: 1-40 mm
- Round or square cover frame not included
- Installation recommendation: Spot can be fitted in ceilings (drywall)



Item No.	Light Colour	Diameter x Height	Lumen	Volt	IP	Watt/M	Energy
SL-SPOT04-RGB12W	RGB	96 x 56 mm	216	24	44	12	G

ROUND COVER

- Round cover frame for SPOT04
- Diameter: 96 mm
- Ring height: 4 mm









ZN5





Square cover frame for SPOT04

Length x Width: 96 x 96 mm







12

PB12

PB32

ZN1

ZN21

Item No. **Frame Colour** SL-SPOT04CH1-PB12 Matt Black SL-SPOT04CH1-PB32 Matt White SL-SPOT04CH1-ZN1 Glossy Chrome SL-SPOT04CH1-ZN5 **Glossy Brass** SL-SPOT04CH1-ZN21 Stainless Steel Effect

PB12

PB32

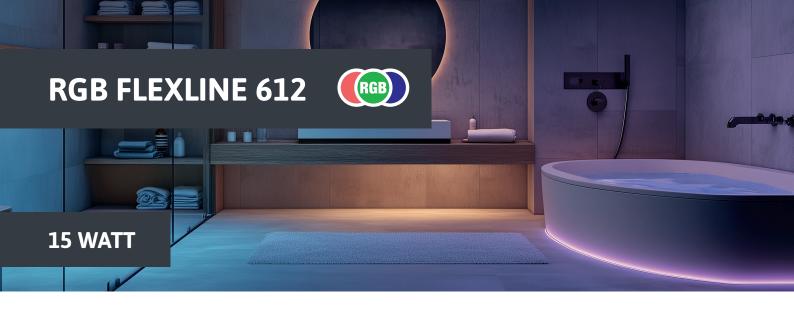
SQUARE COVER

Ring height: 4 mm

ZN1

ZN21

Item No.	Frame Colour
SL-SPOT04CH2-PB12	Matt Black
SL-SPOT04CH2-PB32	Matt White
SL-SPOT04CH2-ZN1	Glossy Chrome
SL-SPOT04CH2-ZN5	Glossy Brass
SL-SPOT04CH2-ZN21	Stainless Steel Effect



RGB FLEXLINE 612 – Silicone profile with SIRO RGB DIAMOND PRO

15 Watt

- ▶ Silicone Profile 6 x 12 mm with SIRO RGB Diamond Pro 15 W/m
- ▶ 500 mm soldered connection cable with SIRO RGB connector
- Protection class: IP 20 (can be sealed to IP 67 with silicone at both ends)
- ▶ Controllable and dimmable with SIRO RGB Receiver
- Specified lengths refer to the silicone profile;
- the length of the embedded light source may vary
- Pitch: 25 mm
- Installation recommendation:

Guide values for groove – Width: 5.9–6.1 mm, Depth: 11.9–12.1 mm

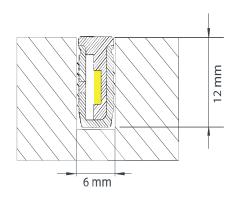
Due to the complex manufacturing process of extruded silicone products, we recommend performing a test cut or milling before installation to determine the optimal cut width and depth.



Item No.	LED/M	Light Colour	Width x Height	Flexline Length	LED Strip Length	Volt	IP	Watt/M	Energy
				450 mm	425 mm				
				600 mm	575 mm				
				900 mm	875 mm				
				1200 mm	1175 mm				
SL-FL-DP-RGB15W-*	280	RGB	6 mm x 12 mm	1500 mm	1475 mm	24	20 /67	15	G
				2000 mm	1975 mm				
				2500 mm	2475 mm				
				3000 mm	2975 mm				
				5000 mm	4975 mm				
SL-FLEX-KL1206-SET1	Moun	ting Clips	8 mm x 14 mm		10 pieces, includir	ng mour	nting screv	WS	

Photometric data refer to the RGB Diamond Pro LED strip used.

*Composition of the item number – e.g., SL-FL-DP-RGB15W at 1200 mm = SL-FL-DP-RGB15W-1200





Item No.
SL-FLEX-KL1206-SET1





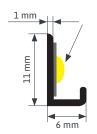
PB32 (matte white)

PB12 (black)

AL1 (anodised aluminium)

Applications

- ▶ Kitchen worktop lighting
- kickboard lighting
- ▶ Indirect ambient lighting
- ▶ Task lighting for work surfaces
- Lighting solutions for shelves, cabinets, and display cases



8 mm Wide RGB LED Strip Approx. 119°

ONE4ALL - Aluminium Profile

- ▶ Elegant and versatile
- Quick installation thanks to simple adhesion in furniture high tack on the adhesive backing!
- ▶ Stick the LED strip peel off the adhesive backing of the profile attach the profile at the desired position
- Slim design fits perfectly in any interior and is ideal for shelves, cabinets, or display cases
- ▶ The profile can be mounted horizontally or vertically
- ▶ Compatible with 8 mm wide RGB LED strips
- Available in black (PB12), matte white (PB32), or anodised aluminium (AL1).
- Perfect illumination without a cover: Our aluminium LED profile is specially designed for furniture lighting, providing an optimised beam angle for this purpose. No light is lost without a cover, making the lighting highly effective and efficient
- ▶ Can also be used as a heat sink for LED strips
- Available in 2000 mm and 2950 mm lengths

Item No.	Length	Product Dimensions (L×W×H)	Colour	Contents
SL-PR148AL1-2M-V10	2000 mm	2000 x 11 x 6 mm	Aluminium anodised	10
SL-PR148AL1-3M-V10	2950 mm	2950 x 11 x 6 mm	Aluminium anodised	10
SL-PR148PB12-2M-V10	2000 mm	2000 x 11 x 6 mm	Black	10
SL-PR148PB12-3M-V10	2950 mm	2950 x 11 x 6 mm	Black	10
SL-PR148PB32-2M-V10	2000 mm	2000 x 11 x 6 mm	White matte	10
SL-PR148PB32-3M-V10	2950 mm	2950 x 11 x 6 mm	White matte	10



PERFECT CONNECTIONS FOR BRILLIANT LIGHTING SYSTEMS

For seamless operation of SIRO RGB lighting systems, the right connections are essential.

Our RGB accessories – from splitters to extension and connection cables – ensure reliable, simple, and secure installation. Whether connecting multiple LED strips, extending distances, or distributing control signals, these components provide the foundation for stable performance and vibrant, full-colour illumination.



DISTRIBUTION BOX

9-way distribution box for SIRO RGB products 4-pin flat cable with tinned cable ends on the receiver side

Item No.	Length
SL-DBOX4-9-360	360 mm



CONNECTION CABLE 2500 MM

4-pin cable for connection to RGB distribution box simple plug-in connection

Item No.	Length
SL-CAB4-DB-2500	2500 mm



CONNECTION CABLES 5000 & 25000 MM

4-pin cable for connecting the receiver to the LED strip

Item No.	Length
SL-CAB4-5000	5000 mm
SL-CAB4-25000	25.000 mm



EXTENSION CABLE 2000 MM

4-pin cable for bridging longer distances

Item No.	Length
SL-CAB4-EXT-2000	2000 mm



2-WAY DISTRIBUTOR (Y-SPLITTER) 300 MM

4-pin cable

Item No.	Length
SL-CAB4-VER2-300	300 mm



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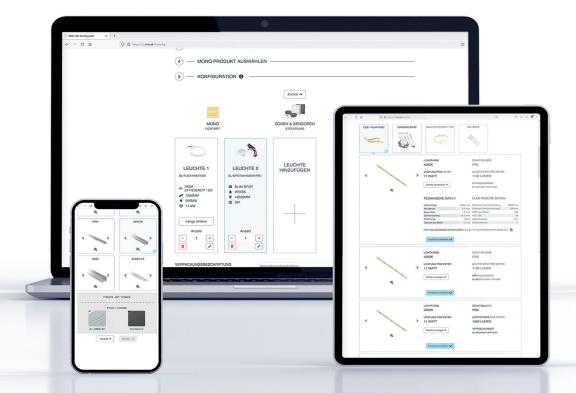


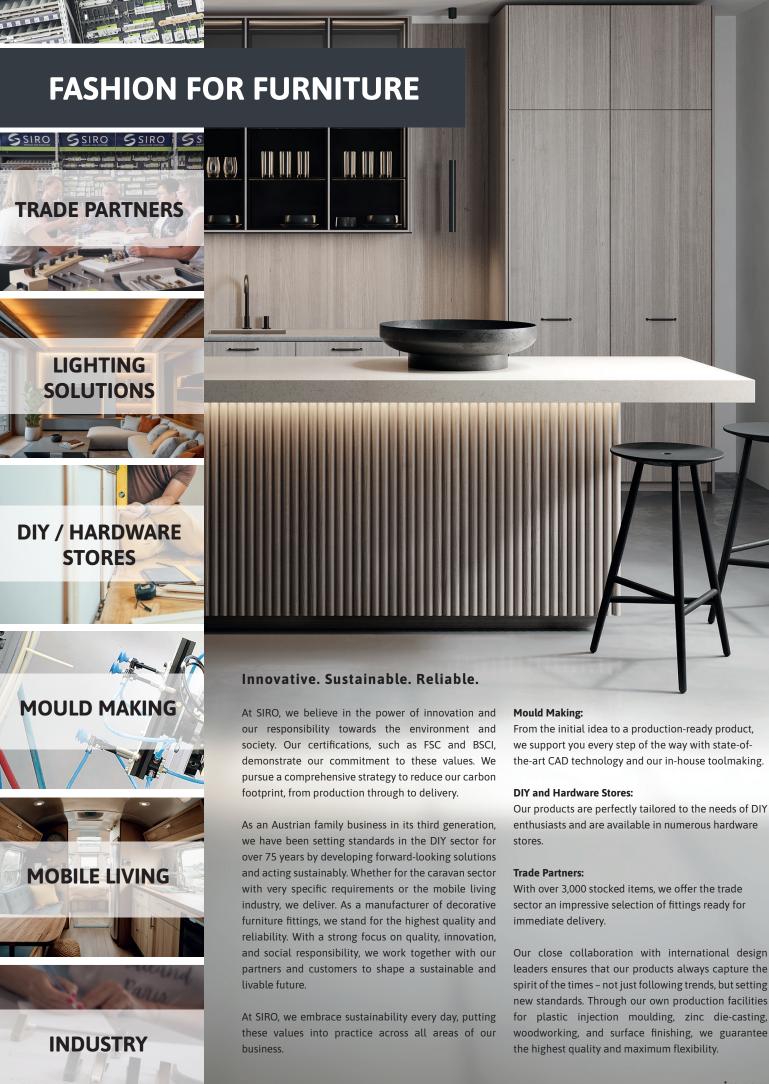
CUSTOMISED LIGHTING SYSTEMS

WITH PERSONALISED CONFIGURATOR

Creating a customised lighting system has never been easier. With SIRO's new lighting configurator, you have a versatile tool that lets you plan your plug-and-play LED system quickly and effortlessly – no prior knowledge required. Whether you need a complete system, bespoke luminaires, or a quotation for the tender phase, simply enter your product preferences and immediately receive a system price along with a summary of all components, complete with dimension drawings and parts lists in PDF format.

Simple in concept, straightforward in practice. Try it out and design your very own SIRO bespoke lighting system!







SIRO Beschläge- und Metallwarenfabrik Ges.m.b.H. | Spielfeldstraße 12 | A-4452 Ternberg | Austria Tel: +43.(0)7256.6020.0 | Fax: +43.(0)7256.8932 | E-Mail: office@siro.at | www.siro-led.at

