

PRODUCT DATASHEET

Linear Edge Sensor 30cm RGBW DIM White Remote Control

LINEAR EDGE SENSOR RGBW | High voltage undercabinet luminaires with RGBW technology

Areas of application

- Kitchens, Living areas, Shelf and undercabinet lighting



Product benefits

- Easy and quick series connection thanks to simple plug system
- Connection of up to 8 luminaires (30cm version) and 3 luminaires (50cm version) in a row either via enclosed connector for seamless connection or by connector cable for greater distances
- Highly versatile due to selectable CCT

Product features

- Direct connection to AC power supply thanks to integrated control gear
- Switch on and off, color changing and dimming via remote control
- 2 different lengths available
- Lifetime up to 30,000 h
- Material: Aluminium (Housing), Polycarbonate (Diffusor)



TECHNICAL DATA

Electrical data

| | |
|---|---------------|
| Nominal wattage | 4.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 33.000 mA |
| Inrush current | 17.6 A |
| Inrush current time T_{h50} | 53 μ s |
| Max. number of luminaires per miniature circuit breaker B16 | 42 |
| Max. number of luminaires per miniature circuit breaker C10 | 34 |
| Max. number of luminaires per miniature circuit breaker C16 | 54 |
| Power factor λ | ≥ 0.5 |
| Total harmonic distortion | < 150 % |
| Protection class | II |
| Operating mode | Mains voltage |

Photometrical data

| | |
|--|----------------------|
| Luminous flux | 230 lm |
| Total luminous flux of contained light sources | 280 lm |
| Luminous efficacy | 57 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm white |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 6 sdc _m |
| Flickering metric (Pst LM) | <1 |
| Stroboscope effect metric (SVM) | <0.4 |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 110 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 300.00 mm |
| Width | 49.00 mm |
| Height | 18.00 mm |
| Product weight | 280.00 g |
| Cable length | 1500 mm |



LINEAR EDGE SEN 30CM RGBW
DIM RC BK line drawing

Materials & Colors

| | |
|--|--------------------|
| Product color | White |
| Housing color | White |
| Body material | Aluminum |
| Cover material | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|------------------------------|---------------------------|
| Ambient temperature range | -20...+40 °C |
| Temperature range at storage | -20...+80 °C |
| Type of connection | Plug type C (EU) |
| Type of protection | IP20 |
| Dimmable | Yes |
| Type of dimming | INTERFACE |
| Mounting type | Surface |
| Mounting location | Wall / Cabinet undersides |
| Application environment | Indoor |
| Adjustable | No |
| With light source | Yes |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 30000 h ¹⁾ |
| Number of switching cycles | 15000 |

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Sensor

| | |
|-------------------|------------------------|
| Type of sensor | Infrared sensor |
| Sensor technology | Passive infrared (PIR) |

BATTERY

| | |
|--------------------|--------|
| Battery size [GMS] | CR2025 |
|--------------------|--------|

Certificates & Standards

| | |
|--|-----------------|
| Standards | CE |
| Luminaire with limited surface temperature, "D sign" | No |
| Replaceable light source (EPREL) | Not replaceable |




EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included
- Remote control included

Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.
- Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

DOWNLOAD DATA

| | Documents and certificates | Document name |
|--|--|--------------------------|
|  | User instruction / safety instructions | Linear Edge |
|  | Legal information | TRACKLIGHT SPOT ZOOM D85 |
|  | Declarations of conformity | LINEAR TURN AND EDGE |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075842625 | Folding box 1 | 42 mm x 72 mm x 346 mm | 364.00 g | 1.05 dm ³ |
| 4058075842632 | Shipping box 8 | 362 mm x 160 mm x 195 mm | 3225.00 g | 11.29 dm ³ |

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.