

PRODUCT DATASHEET

Linear LED Mobile Backlight sensor 200mm

LINEAR LED MOBILE BACKLIGHT USB | Undercabinet luminaire for flexible mounting, with motion sensor, indirect lighting, battery-powered, rechargeable



Areas of application

- Cupboards
- Shelf and undercabinet lighting
- Kitchens, workspaces
- For indoor use only

Product benefits

- Accessories for flexible mounting options included
- Soft light thanks to indirect light distribution

Product features

- Battery rechargeable via USB cable
- PIR motion detector and daylight sensor
- Color temperature: 4,000 K



TECHNICAL DATA

Electrical data

| | |
|------------------|-------------|
| Nominal wattage | 1.00 W |
| Nominal voltage | 5 V |
| Mains frequency | 0 Hz |
| Nominal current | 1000.000 mA |
| Protection class | III |
| Operating mode | Battery |

Photometrical data

| | |
|----------------------------------------------|---------------------|
| Luminous flux | 50 lm |
| Luminous efficacy | 45 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | ≤6 sdc _m |
| Photobiological safety group acc. to EN62778 | RG0 |
| Photobiological safety group acc. to EN62471 | RG0 |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 256.00 mm |
| Width | 46.00 mm |
| Height | 41.00 mm |
| Product weight | 183.00 g |

LINEARLED MOBILE BL 200MM
SEN USBWT

Materials & Colors

| | |
|----------------|-----------------------------|
| Product color | White |
| Housing color | White |
| Body material | Aluminum Polycarbonate (PC) |
| Cover material | Polycarbonate (PC) |

| | |
|-----------------|--------|
| Mercury content | 0.0 mg |
|-----------------|--------|

Application & Mounting

| | |
|------------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
| Temperature range at storage | -20...+60 °C |
| Type of connection | USB |
| Type of protection | IP20 |
| Dimmable | No |
| Mounting type | Surface |
| With light source | Yes |
| Replaceable light source | No |

Lifespan

| | |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 25000 h ¹⁾ |
|---------------------------|-----------------------|

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 | Light / Motion |
|----------------|----------------|

BATTERY

| | |
|----------------------------|-------------|
| Type of Battery | Lithium ion |
| Battery size [GMS] | Others |
| Nominal voltage of battery | 3.7 V |
| Battery charging time | 4 h |

Certificates & Standards

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

EQUIPMENT / ACCESSORIES



- USB charging cable

Safety advice

- This product is not a toy. It should not be left unattended in the hands of children or operated by children.
- Not designed as a replacement for conventional lighting in private household.
- 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 |
|----------------------------------------------------------------------------------|---------------------------------|---------------------|
|  | Declarations of conformity | EC_LINEARLED MOBILE |
|  | Declarations of conformity UKCA | LINEARLED MOBILE |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------|
| 4099854531897 | Folding box 1 | 32 mm x 47 mm x 253 mm | 241.00 g | 0.38 dm³ |
| 4099854531903 | Shipping box 8 | 275 mm x 205 mm x 90 mm | 2156.00 g | 5.07 dm³ |

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.