

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
Max. number of luminaires per miniature circuit breaker C10	-
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 sdcn
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
Mounting location	Wall / Cabinet undersides
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 h ¹⁾
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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
Sensor controlled switching time	30 s
Detection range of motion sensor	3...5 m

BATTERY

Type of Battery	Lithium ion
Battery size [GMS]	Others
Number of included batteries	1
Nominal voltage of battery	3.7 V
Nominal capacity of battery	500 mAh
Battery charging time	4 h

Emergency lighting

Wattage in emergency operation mode	1 W
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Certificates & Standards

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

Additional product data

Number of illuminants	empty
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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
4058075610484	Folding box 1	41 mm x 46 mm x 256 mm	237.00 g	0.48 dm ³
4058075610491	Shipping box 8	238 mm x 203 mm x 103 mm	2086.00 g	4.98 dm ³

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.