PRODUCT DATASHEET
Linear LED Mobile IR USB White

Linear LED MOBILE IR USB | Drawer and cabinet luminaires with IR sensor, recharging via USB

Areas of application

– Kitchens
– Where light is required but a socket is not available

Product benefits

– Can easily be moved to where light is needed thanks to battery operation
– Easily removeable thanks to the magnetic fixing

Product features

– Integrated rechargeable lithium battery which can be charged via USB cable
– 2 operating modes selectable
– Operating mode 1: Switch-on by movement in front of sensor
– Operating mode 2: Switch-on by opening of drawer or cabinet door
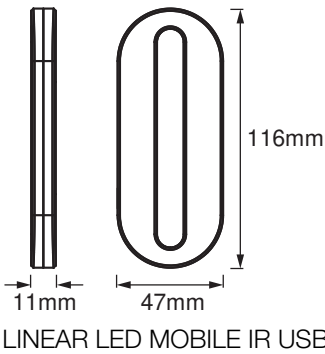
TECHNICAL DATA

Electrical data

Nominal wattage	0.50 W
Nominal voltage	4,2 V
Mains frequency	0 Hz
Nominal current	120.000 mA
Max. number of luminaires per miniature circuit breaker C10	-
Protection class	III
Operating mode	Battery

Photometrical data

Luminous flux	20 lm
Luminous efficacy	13 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	90
Standard deviation of color matching	6 sdcm
Beam angle	105 °

Dimensions & Weight

Length	116.00 mm
Width	11.00 mm
Height	47.00 mm
Product weight	37.00 g

LINEAR LED MOBILE IR USB

Materials & Colors

Product color	White
Housing color	White
Body material	Acrylonitrile butadiene styrene (ABS)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10…+40 °C
Temperature range at storage	-20…+40 °C
Type of connection	USB
Type of protection	IP20
Dimmable	No
Mounting type	Surface
Mounting location	Cabinet undersides
Application environment	Indoor
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	Motion
Sensor technology	Infrared/Photocell
Detection range of motion sensor	8 cm

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	330 mAh

Certificates & Standards

Standards	CE / EAC / UKCA
Luminaire with limited surface temperature, "D sign"	No

Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	empty

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
PDF	Declarations of conformity	LINEAR LED MOBILE IR USB WT
PDF	Declarations of conformity UKCA	LINEAR LED MOBILE IR USB WT

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075399747	Blister 1	140 mm x 14 mm x 195 mm	57.00 g	0.38 dm^3
4058075399754	Shipping box 6	176 mm x 151 mm x 213 mm	460.00 g	5.66 dm^3
4058075401051	Shipping box 96			

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.