

PRODUCT DATASHEET

Lunetta Backlight Ellipse 830 White

LUNETTA BACKLIGHT ELLIPSE | Indoor mobile luminaires



Areas of application

- General indoor illumination
- Nightlight as an orientation light or safety light for children's rooms, stairs, or bedrooms

Product benefits

- Attractive and functional design

Product features

- Hidden Motion and a Day - Night sensor and dimming function for maximized energy savings

TECHNICAL DATA

Electrical data

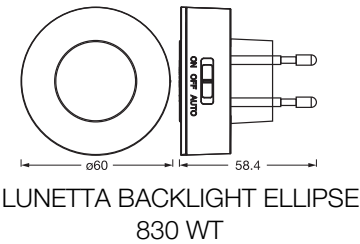
Nominal wattage	0.31 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	16.000 mA
Inrush current	0.016 A
Max. number of luminaires per miniature circuit breaker B16	763
Max. number of luminaires per miniature circuit breaker C10	500
Max. number of luminaires per miniature circuit breaker C16	800
Power factor λ	≥ 0.01
Total harmonic distortion	$< 50 \%$
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	4 lm
Luminous efficacy	13 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	135°

Dimensions & Weight

Diameter	60.00 mm
Height	58.40 mm
Product weight	42.00 g



Materials & Colors

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

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	No
Mounting type	Surface
Mounting location	Socket
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Number of switching cycles	12500
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Sensor

Type of sensor	Motion / Light
Sensor technology	Passive infrared (PIR)
Sensor detection angle	100 °
Detection range of motion sensor	4...6 m

Certificates & Standards

Standards	CE / EAC
Replaceable light source (EPREL)	Not replaceable



Additional product data

Product remark	Available from June 2025
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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.

DOWNLOAD DATA

Documents and certificates		Document name
	Legal information	Safety Insert LUNETTA
	Declarations of conformity	CE Declaration of Conformity Lunetta

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854444333	Blister 1	60 mm x 140 mm x 195 mm	55.00 g	1.64 dm³
4099854444340	Shipping box 6	385 mm x 154 mm x 212 mm	548.00 g	12.57 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.