

# PRODUCT DATASHEET

## Lunetta Backlight Ellipse 830 White

LUNETTA BACKLIGHT ELLIPSE | Indoor mobile luminaires

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### Areas of application

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

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### Product benefits

- Attractive and functional design

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### 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 $\lambda$                                      | $\geq 0.01$   |
| 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         | $< 6$ sdc <sub>m</sub> |
| 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  |

LUNETTA BACKLIGHT ELLIPSE  
830 WT

### 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              |

### Lifespan

|                            |       |
|----------------------------|-------|
| Number of switching cycles | 12500 |
|----------------------------|-------|

### 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 |
|----------------|--------------------------|

### 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 |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854444333 | Blister<br>1                 | 60 mm x 140 mm x 195 mm              | 55.00 g      | 1.64 dm <sup>3</sup>  |
| 4099854444340 | Shipping box<br>6            | 385 mm x 154 mm x 212 mm             | 548.00 g     | 12.57 dm <sup>3</sup> |

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.