

# PRODUCT DATASHEET

## Nightlux Cone 830 DIM USB Black

NIGHTLUX CONE | Indoor mobile luminaires



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### Areas of application

- General indoor illumination
- Decorative applications

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### Product benefits

- Easy and flexible installation via magnetic wall panel
- Simple configuration via screwdriver

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### Product features

- Dimmable via Touch DIM
- Battery rechargeable via USB cable

TECHNICAL DATA

Electrical data

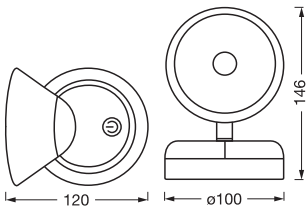
|                           |         |
|---------------------------|---------|
| Nominal wattage           | 1.80 W  |
| Nominal voltage           | 5 V     |
| Total harmonic distortion | < 70 %  |
| Protection class          | III     |
| Operating mode            | Battery |

Photometrical data

|                                              |                       |
|----------------------------------------------|-----------------------|
| Luminous flux                                | 110 lm                |
| Luminous efficacy                            | 68 lm/W               |
| Color temperature                            | 3000 K                |
| Light color (designation)                    | Warm White            |
| Color rendering index Ra                     | > 80                  |
| Standard deviation of color matching         | < 6 sdc <sub>cm</sub> |
| Photobiological safety group acc. to EN62778 | RG0                   |
| Beam angle                                   | 106 °                 |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 100.00 mm |
| Width          | 146.00 mm |
| Height         | 120.00 mm |
| Product weight | 290.00 g  |



NIGHTLUX CONE 830 DIM USB BK

Materials & Colors

|                |                    |
|----------------|--------------------|
| Product color  | Black              |
| Housing color  | Black              |
| Body material  | Plastic            |
| 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...+70 °C |
| Type of connection                     | USB Type-C   |
| Type of protection                     | IP20         |
| Protection class IK (shock resistance) | IK03         |
| Dimmable                               | Yes          |
| Type of dimming                        | 3 DIM        |
| Mounting type                          | Surface      |
| Mounting location                      | Socket       |
| With light source                      | Yes          |
| Replaceable light source               | No           |

### Lifespan

|                            |       |
|----------------------------|-------|
| Number of switching cycles | 15000 |
|----------------------------|-------|

### BATTERY

|                              |        |
|------------------------------|--------|
| Battery size [GMS]           | Others |
| Number of included batteries | 1      |
| Battery charging time        | < 4 h  |

### Certificates & Standards

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

### Additional product data

|                |                          |
|----------------|--------------------------|
| Product remark | Available from June 2025 |
|----------------|--------------------------|

### EQUIPMENT / ACCESSORIES

- Charging cable included

### 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.
- 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                           |
|----------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------|
|  | User instruction / safety instructions | NIGHTLUX 830 DIM USB                    |
|  | Legal information                      | Safety Insert DECOR HELPER AND NIGHTLUX |
|  | Declarations of conformity             | CE Declaration USB gadgets              |
|  | Declarations of conformity UKCA        | UKCA Declaration USB gadgets            |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854478789 | Folding box<br>1             | 120 mm x 120 mm x 126 mm             | 355.00 g     | 1.81 dm <sup>3</sup> |
| 4099854478796 | Shipping box<br>4            | 250 mm x 130 mm x 262 mm             | 1599.00 g    | 8.52 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.