PRODUCT DATASHEET
Nightlux Round 830 DIM USB Black

NIGHTLUX ROUND | Battery operated luminaire with touch Dim function

Areas of application

– General indoor illumination
– Decorative applications

Product benefits

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

Product features

– Dimmable via Touch DIM
– Battery rechargeable via USB cable
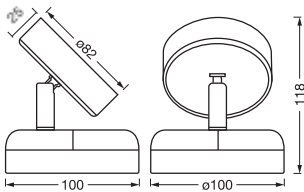
TECHNICAL DATA

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	100 lm
Luminous efficacy	60 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	106 °

Dimensions & Weight

Length	100.00 mm
Width	118.00 mm
Height	100.00 mm
Product weight	260.00 g

NIGHTLUX ROUND 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

Lifespan

Number of switching cycles	15000

BATTERY

Battery size [GMS]	Others
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
PDF	User instruction / safety instructions	NIGHTLUX 830 DIM USB
PDF	Legal information	Safety Insert DECOR HELPER AND NIGHTLUX

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854478826	Folding box 1	120 mm x 120 mm x 126 mm	325.00 g	1.81 dm^3
4099854478833	Shipping box 4	250 mm x 130 mm x 262 mm	1479.00 g	8.52 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.