PRODUCT DATASHEET
Nightlux Solar 840 DIM USB Grey

NIGHTLUX SOLAR | Outdoor mobiles

Areas of application

– Gardens, balconies and other outdoor areas
– Outdoor use (IP44)

Product benefits

– USB-Charging function from integrated power bank feature

Product features

– Type of protection: IP54
– Intelligent and elegant outdoor LED luminaire
– Battery charging via solar panel
– Solar powered outdoor LED luminaire
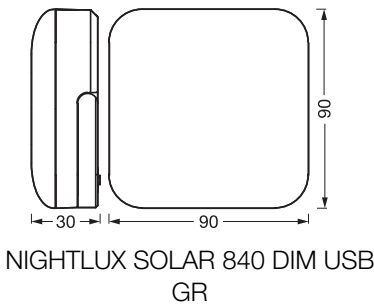
TECHNICAL DATA

Electrical data

Nominal wattage	2.00 W
Nominal voltage	5 V
Nominal current	490.000 mA
Protection class	III
Operating mode	Battery

Photometrical data

Luminous flux	100 lm
Total luminous flux of contained light sources	120 lm
Luminous efficacy	50 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	6 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Dimensions & Weight

Length	90.00 mm
Width	30.00 mm
Height	90.00 mm
Product weight	130.00 g

NIGHTLUX SOLAR 840 DIM USB
GR

Materials & Colors

Product color	Gray
Housing color	Gray
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	USB Type-C
Type of protection	IP54
Dimmable	Yes
Mounting type	Standing
Mounting location	Socket
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Number of switching cycles	12500

BATTERY

Battery size [GMS]	Others
Number of included batteries	1
Battery charging time	3 h

Certificates & Standards

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

Additional product data

Product remark	Available from June 2025

EQUIPMENT / ACCESSORIES

– Rechargeable battery integrated and easy charging via USB-C
– 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	Legal information	Safety Insert DECOR HELPER AND NIGHTLUX
PDF	Declarations of conformity	CE Declaration of Conformity Nightlux Solar
PDF	Declarations of conformity UKCA	UKCA Declaration of Conformity Nightlux Solar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854444517	Blister 1	40 mm x 140 mm x 195 mm	143.00 g	1.09 dm^3
4099854444524	Shipping box 6	245 mm x 154 mm x 212 mm	1019.00 g	8.00 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.