

PRODUCT DATASHEET

Endura Hybrid Spike 1W Stainless Steel

Endura Hybrid Ground | Hybrid ground spike luminaires capable of using both, solar energy and power from electric grid



Areas of application

- Gardens and other outdoor areas
- Patios, balconies
- Entrance lighting
- Building facades

Product benefits

- Capable of using both, solar energy and power from electric grid
- Easy installation and tool-free electrical connection without professional knowledge, independent from power supply
- 12V direct current voltage for highest safety for human and animal
- Product types for different usecases available
- Various types with adjustable luminaire head
- Surface and ground mounting options with spikes
- Sustainable energy

Product features

- Maximum connected load per solar panel = 24W
- IP67 protection of connection plugs
- When connected to the power grid, luminaire automatically switches to mains current once solar panel battery runs out of energy
- IP44 protection of luminaires
- Durable housing material

TECHNICAL DATA

Electrical data

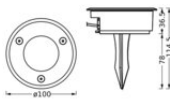
Nominal wattage	1.00 W
Nominal voltage	12 V
Nominal current	83.000 mA
Protection class	III
Operating mode	Mains voltage

Photometrical data

Luminous flux	70 lm
Total luminous flux of contained light sources	120 lm
Luminous efficacy	70 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤6 sdc _{cm}
Flickering metric (Pst LM)	<1 %
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Dimensions & Weight

Diameter	100.00 mm
Height	114.50 mm
Product weight	250.00 g
Cable length	300 mm



Materials & Colors

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

Application & Mounting

Ambient temperature range	-20...40 °C
Type of connection	Fast connector
Type of protection	IP44
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Ground spike
Application environment	Outdoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 h ¹⁾
Number of switching cycles	12500

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No

Additional product data

Product remark	Available from January 2024
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DOWNLOAD DATA

Documents and certificates	
	User instruction
	Packaging insert
	Declarations Of Conformity CE
	Declarations Of Conformity UKCA

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075834606	Folding box 1	112 mm x 112 mm x 73 mm	289.00 g	0.92 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075834613	Shipping box 4	240 mm x 130 mm x 171 mm	1301.00 g	5.34 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.