

PRODUCT DATASHEET

ENDURA Garden Flood Spike 20W 3000K

ENDURA® GARDEN FLOOD | LED outdoor floodlights with ground spike



Areas of application

- Outdoor
- Gardens

Product benefits

- Easy connection thanks to Plug and Play technology
- Pleasant, warm white light
- Energy-efficient thanks to LED technology

Product features

- 2 m cable with protective contact plug (type F)
- Type of protection: IP65

TECHNICAL DATA

Electrical data

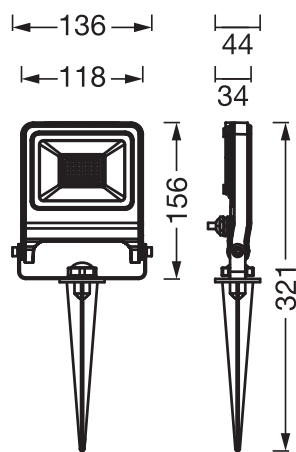
Nominal wattage	20.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	92.000 mA
Max. number of luminaires per miniature circuit breaker B16	139
Max. number of luminaires per miniature circuit breaker C16	139
Power factor λ	> 0.90
Total harmonic distortion	< 35 %
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	1700 lm
Total luminous flux of contained light sources	2000 lm
Luminous efficacy	85 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	6 sdc _m
Luminous intensity	700 cd
Flickering metric (Pst LM)	<1
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °

Dimensions & Weight

Length	44.00 mm
Width	133.00 mm
Height	323.00 mm
Product weight	600.00 g



ENDURA GARDEN FLOOD 20W
830 SPIKE OSRAM

Materials & Colors

Product color	Dark gray
Housing color	Dark gray
Body material	Aluminum
Cover material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-30...70 °C
Type of connection	Protective contact Plug type
Type of protection	IP65
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Ground spike
Mounting location	Ground
Application environment	Outdoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	25000 h ¹⁾
Number of switching cycles	15000

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

Emergency lighting

Type of emergency operation test	None
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Certificates & Standards

Standards	CE
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	ENDURA® GARDEN FLOOD
	Legal information	Safety insert G11234414
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	CE Declaration Endura Garden Floodlight

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854585852	Folding box 1	72 mm x 187 mm x 213 mm	676.00 g	2.87 dm³
4099854585869	Shipping box 8	385 mm x 300 mm x 230 mm	5679.00 g	26.57 dm³

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.