

## PRODUCT DATASHEET

### ENDURA Garden Flood Spike 20W 3000K

ENDURA® GARDEN FLOOD | LED outdoor floodlights with ground spike



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#### Areas of application

- Outdoor
- Gardens

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#### Product benefits

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

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#### Product features

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

TECHNICAL DATA

Electrical data

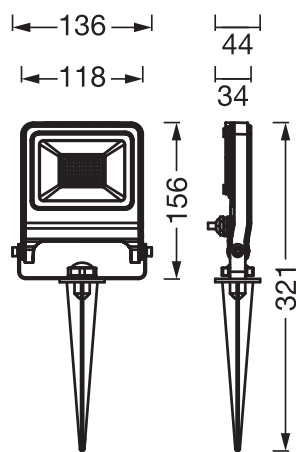
|                                                             |                               |
|-------------------------------------------------------------|-------------------------------|
| Nominal wattage                                             | 20.00 W                       |
| Nominal voltage                                             | 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 $\lambda$                                      | > 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 <sub>m</sub> |
| 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 <sup>1)</sup> |
| 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 |
|----------------------------------|------|

### 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<br>1             | 72 mm x 187 mm x 213 mm              | 676.00 g     | 2.87 dm³  |
| 4099854585869 | Shipping box<br>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.

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## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.