

PRODUCT DATASHEET ENDURA Flood Solar Double Sensor

ENDURA STYLE SOLAR DOUBLE | Solar-powered flood luminaire with motion and light sensor



Areas of application

- Outdoor use (IP44)
- Replacement for floodlights with halogen lamps
- Garages
- Building facades

Product benefits

- Demand based lighting and energy saving thanks to motion and daylight sensor
- Easy adjustment of daylight and motion detection via push switch
- Energy-efficient thanks to LED technology
- Easy and quick installation
- Energy-saving alternative to luminaires that use halogen lamps

Product features

- Solar powered outdoor LED luminaire
- PIR motion detector and daylight sensor
- Battery charging via solar panel
- Battery technology: lithium-ion



TECHNICAL DATA

Electrical data

| Nominal wattage | 2,9 W |
|------------------------|------------|
| Nominal voltage | 3,7 V |
| Nominal current | 925.000 mA |
| Power factor λ | ≤ 0.5 |
| Protection class | III |
| Operating mode | Battery |

Photometrical data

| Luminous flux | 380 lm |
|--|------------|
| Luminous efficacy | 131 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 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 110° |

Dimensions & Weight

| Length | 160.00 mm |
|----------------|-----------|
| Width | 110.00 mm |
| Height | 172.00 mm |
| Product weight | 354.00 g |

ENDURA FLOOD SOLAR DOUBLE SEN DG

Materials & Colors

| Product color | Dark gray |
|---------------|-----------|
| Housing color | Dark gray |
| Body material | Plastic |

| Cover material | Polycarbonate (PC) |
|-----------------|--------------------|
| Mercury content | 0.0 mg |

Application & Mounting

| Ambient temperature range | 0+40 °C |
|--|-----------|
| Temperature range at storage | -20+40 °C |
| Type of protection | IP44 |
| Protection class IK (shock resistance) | IK03 |
| Dimmable | Yes |
| Mounting type | Surface |
| 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 | 12500 |

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

Sensor

| Type of sensor | Motion |
|------------------------|--------|
| Sensor detection angle | 100 ° |

BATTERY

| Type of Battery | Lithium ion |
|------------------------------|-------------|
| Battery size [GMS] | 18650 |
| Number of included batteries | 1 |
| Nominal voltage of battery | 3.7 V |

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

Safety advice

- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- 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 | ENDURA FLOOD SOLAR DOUBLE SEN DG | |
| PDF | Legal information | Safety insert G11219579 | |
| PDF | Declarations of conformity | ENDURA FLOOD SOLAR DOUBLE SEN DG | |
| PDF | Declarations of conformity UKCA | Special LUM | |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854429453 | Folding box 1 | 189 mm x 189 mm x 644 mm | 483.00 g | 23.00 dm ³ |
| 4099854429460 | Shipping box 8 | 360 mm x 260 mm x 220 mm | 3860.00 g | 20.59 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.