

PRODUCT DATASHEET Endura Style Solar Bricklume Sensor Dark Gray

ENDURA® Style Solar Bricklume Sensor | Solar-powered luminaires with sensor, long battery operation time and IP65 protection for easy wall instalation



Areas of application

- Building facades
- Entrance lighting
- Patios, balconies

Product benefits

- Highly efficient monocrystalline solar panel
- Easy and quick installation, independent from power supply
- Sustainable energy

Product features

- PIR motion detector and daylight sensor
- Indirect illumination
- Durable housing material
- Operating time on battery power: up to 30 hours (3W versions) / 20 hours (6W versions, depending on selected operating mode)
- Solar powered outdoor LED luminaire
- Type of protection: IP65

TECHNICAL DATA

Electrical data

| Nominal wattage | 3.00 W |
|------------------|------------|
| Nominal voltage | 4,2 V |
| Nominal current | 710.000 mA |
| Protection class | III |
| Operating mode | Battery |

Photometrical data

| Luminous flux | 300 lm |
|--|--------------|
| Total luminous flux of contained light sources | 310 lm |
| Luminous efficacy | 100 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | <7 sdcm |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 140 ° x 70 ° |

Dimensions & Weight

| Length | 138.00 mm |
|----------------|-----------|
| Width | 90.00 mm |
| Height | 35.00 mm |
| Product weight | 225.00 g |



ENDURA SOLAR BRICKLUME SEN

Materials & Colors

| Product color | Dark gray |
|--|--------------------|
| Housing color | Dark 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 |
|--|-----------|
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK04 |
| Dimmable | No |
| Mounting type | Surface |
| Application environment | Outdoor |
| With light source | Yes |
| Replaceable light source | No |

Lifespan

| Lifespan L70/B50 at 25 °C | 36000 h ¹⁾ |
|----------------------------|-----------------------|
| Number of switching cycles | 18000 |

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 | Light / Motion / PIR | |
|------------------------|------------------------|--|
| Sensor technology | Passive infrared (PIR) | |
| Sensor detection angle | 120° | |

BATTERY

| Type of Battery | Lithium ion |
|------------------------------|-------------|
| Battery size [GMS] | 18650 |
| Number of included batteries | 1 |
| Nominal capacity of battery | 1200 mAh |
| Battery charging time | 8 h |

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

- Mounting screws and dowels 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 SOLAR BRICKLUME SEN |
| PDF | Legal information | Safety insert G11219579 |
| PDF | Declarations of conformity | CE Declaration ENDURA SOLAR BRICKLUME |
| PDF | Declarations of conformity UKCA | UKCA Declaration ENDURA SOLAR BRICKLUME |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854455896 | Folding box | 47 mm x 164 mm x 98 mm | 325.00 g | 0.76 dm ³ |
| 4099854455902 | Shipping box 4 | 202 mm x 180 mm x 125 mm | 1300.00 g | 4.55 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.