

# PRODUCT DATASHEET

## ENDURA Flood Butterfly Solar Sensor 4W

ENDURA Flood Solar Butterfly | Solar-powered flood luminaire in Butterfly design with motion and light sensor



### Areas of application

- Outdoor
- Garages
- Building facades

### Product benefits

- Eco-friendly solar powered light
- Energy-efficient thanks to LED technology
- Easy and quick installation

### Product features

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



TECHNICAL DATA

Electrical data

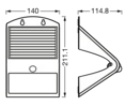
|                  |        |
|------------------|--------|
| Nominal wattage  | 4.00 W |
| Nominal voltage  | 3,7 V  |
| Protection class | III    |

Photometrical data

|                                              |            |
|----------------------------------------------|------------|
| Luminous flux                                | 500 lm     |
| Luminous efficacy                            | 116 lm/W   |
| Color temperature                            | 4000 K     |
| Light color (designation)                    | Cool White |
| Color rendering index Ra                     | > 80       |
| Standard deviation of color matching         | < 6 sdcm   |
| Flickering metric (Pst LM)                   | <1         |
| Stroboscope effect metric (SVM)              | <0,4       |
| Photobiological safety group acc. to EN62778 | RG1        |
| Beam angle                                   | 90 °       |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 140.00 mm |
| Width          | 114.80 mm |
| Height         | 211.10 mm |
| Product weight | 550.00 g  |



ENDURA FL BUTTERFLY SOL SEN  
BL

Materials & Colors

|               |         |
|---------------|---------|
| Product color | Black   |
| Housing color | Black   |
| Body material | Plastic |

|                                            |        |
|--------------------------------------------|--------|
| 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...+45 °C |
| Type of protection                     | IP65         |
| Protection class IK (shock resistance) | IK04         |
| Dimmable                               | No           |
| Mounting type                          | Surface      |
| Application environment                | Outdoor      |
| Adjustable                             | No           |
| With light source                      | Yes          |
| Replaceable light source               | No           |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 36000 h <sup>1)</sup> |
| Number of switching cycles | 10000                 |

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 / Light |
| Sensor detection angle                 | 120 °          |
| Sensor controlled switching time       | 90 s           |
| Detection range of motion sensor       | 6 m            |
| Detection threshold of daylight sensor | 0...15 lx      |

### BATTERY

|                              |       |
|------------------------------|-------|
| Battery size [GMS]           | 18650 |
| Number of included batteries | 1     |

### Certificates & Standards

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

### Additional product data

Number of illuminants

2

## 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: +45 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). 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                                      |
|------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------------|
|    | User instruction / safety instructions | ENDURA FL BUTTERFLY SOL SEN                        |
|   | Legal information                      | Legal insert SMART OUTD ENDURA SOLAR WORKLIGHT BAT |
|  | Declarations of conformity             | ENDURA FL BUTTERFLY SOL SEN                        |
|  | Declarations of conformity UKCA        | ENDURA FL BUTTERFLY SOL SEN                        |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854089671 | Folding box<br>1             | 218 mm x 127 mm x 152 mm             | 654.00 g     | 4.21 dm <sup>3</sup>  |
| 4099854089688 | Shipping box<br>8            | 453 mm x 271 mm x 335 mm             | 5909.00 g    | 41.13 dm <sup>3</sup> |

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.