

# PRODUCT DATASHEET

## ENDURA Flood Butterfly Solar Sensor 8W

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

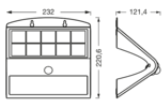
|                  |         |
|------------------|---------|
| Nominal wattage  | 8.00 W  |
| Nominal voltage  | 3,7 V   |
| Protection class | III     |
| Operating mode   | Battery |

Photometrical data

|                                              |            |
|----------------------------------------------|------------|
| Luminous flux                                | 850 lm     |
| Luminous efficacy                            | 106 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         | 232.00 mm |
| Width          | 121.40 mm |
| Height         | 220.60 mm |
| Product weight | 1000.00 g |



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              |
| LED module replaceable                 | Not replaceable |
| With light source                      | Yes             |

### 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

|                              |             |
|------------------------------|-------------|
| Type of Battery              | Lithium ion |
| Battery size [GMS]           | 18650       |
| Number of included batteries | 2           |
| Nominal voltage of battery   | 3.7 V       |
| Battery charging time        | > 8 h       |

### Certificates & Standards

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

Additional product data

|                       |   |
|-----------------------|---|
| Number of illuminants | 2 |
|-----------------------|---|

EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

DOWNLOAD DATA

| Documents and certificates                                                        |                                 |
|-----------------------------------------------------------------------------------|---------------------------------|
|  | User instruction                |
|  | Packaging insert                |
|  | Declarations Of Conformity CE   |
|  | Declarations Of Conformity UKCA |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4099854089695 | Folding box<br>1             | 228 mm x 135 mm x 242 mm             | 1119.00 g    | 7.45 dm³  |
| 4099854089701 | Shipping box<br>8            | 559 mm x 473 mm x 272 mm             | 10149.00 g   | 71.92 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.