

# 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

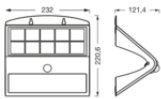
Nominal wattage	8.00 W
Nominal voltage	3,7 V
Protection class	III
Operating mode	Battery

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 sdc <sub>m</sub>
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



ENDURA FL BUTTERFLY SOL SEN  
BL 8W

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

<sup>1)</sup> 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
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Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

### Additional product data

Number of illuminants	2
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### 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
4099854089695	Folding box 1	228 mm x 135 mm x 242 mm	1119.00 g	7.45 dm <sup>3</sup>
4099854089701	Shipping box 8	559 mm x 473 mm x 272 mm	10149.00 g	71.92 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.