PRODUCT DATASHEET
ENDURA Flood Butterfly Solar Sensor 1.5W

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

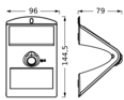## TECHNICAL DATA

Electrical data

Nominal wattage	1.50 W
Nominal voltage	3,7 V
Protection class	III

Photometrical data

Luminous flux	220 lm
Luminous efficacy	110 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	96.00 mm
Width	79.00 mm
Height	144.50 mm
Product weight	210.00 g

ENDURA FL BUTTERFLY SOL SEN
BL 1.5 W

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 [1]
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

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
PDF	User instruction / safety instructions	ENDURA FL BUTTERFLY SOL SEN
PDF	Legal information	Legal insert SMART OUTD ENDURA SOLAR WORKLIGHT BAT
PDF	Declarations of conformity	ENDURA FL BUTTERFLY SOL SEN
PDF	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
4099854089657	Folding box 1	123 mm x 108 mm x 107 mm	264.00 g	1.42 dm³
4099854089664	Shipping box 8	263 mm x 233 mm x 245 mm	2471.00 g	15.01 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.