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

- Easy and quick installation

Product features

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



© 2026, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

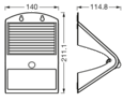
Nominal wattage	4.00 W
Nominal voltage	3,7 V
Protection class	III
Operating mode	Solar

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
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

© 2026, LEDVANCE GmbH. All rights reserved.

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
Mechanically 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 °

BATTERY

Battery size [GMS]	18650

Certificates & Standards

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

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.

© 2026, LEDVANCE GmbH. All rights reserved.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	ENDURA FL BUTTERFLY SOL SEN BL
PDF	Legal information	Safety insert G11219579
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
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
4099854429378	Folding box 1	218 mm x 127 mm x 152 mm	790.00 g	4.21 dm^3
4099854429385	Shipping box 8	453 mm x 271 mm x 335 mm	6320.00 g	41.13 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.

© 2026, LEDVANCE GmbH. All rights reserved.