PRODUCT DATASHEET
ENDURA Flood Split Solar Sensor 10W 840 Remote control

ENDURA FLOOD SPLIT SOLAR SENSOR | Solar-powered flood luminaire split into floodlight and external solar panel being connected via cable



Areas of application

- Outdoor
- Garages
- Building facades
- Garden houses

Product benefits

- Floodlight can be installed separately from solar panel

Product features

- Solar powered outdoor LED luminaire
- PIR motion detector and daylight sensor
- Battery charging via external solar panel
- Remote Control for advanced Sensor settings
- Floodlight and Solar Panel is connected via a 5m cable

© 2026, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

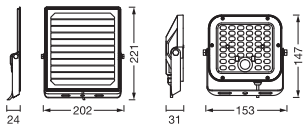
Nominal wattage	10.00 W
Nominal voltage	4,2 V
Nominal current	2380.000 mA
Protection class	III

Photometrical data

Luminous flux	1400 lm
Total luminous flux of contained light sources	1450 lm
Luminous efficacy	140 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	6 sdcm
Luminous intensity	518 cd
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 ° x 60 °

Dimensions & Weight

Length	153.00 mm
Width	31.00 mm
Height	147.00 mm
Product weight	985.00 g
Cable length	5000 mm



ENDURA FL SPLIT SOL SEN 10W 840 RC

© 2026, LEDVANCE GmbH. All rights reserved.

Materials & Colors

Product color	Black
Housing color	Black
Body material	Acrylonitrile butadiene styrene (ABS)
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…40 °C
Type of protection	IP65
Protection class IK (shock resistance)	IK07
Dimmable	Yes
Mounting type	Surface
Application environment	Outdoor
Mechanically adjustable	Yes
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 technology	Passive infrared (PIR)
Sensor detection angle	120 °
Sensor controlled switching time	60 s
Detection range of motion sensor	6 m
Detection threshold of daylight sensor	0…20 lx

BATTERY

Type of Battery	Lithium ion
Battery size [GMS]	Others
Battery charging time	6 h

© 2026, LEDVANCE GmbH. All rights reserved.

Certificates & Standards

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

Additional product data

Product remark	Lithium Metal button cell battery / Contained in remote control / Not rechargeable / Number of batteries: 1 / Battery size: CR2025 / Watt hour per battery: 0,45Wh / Battery weight: 2,4g / Lithium per battery: 0,04g

EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included
- 5m connection cable
- Remote control included

Safety advice

- Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- 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: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. 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 SPLIT SOL SEN 10W/30W 840 RC
PDF	Legal information	ENDURA FL SPLIT SOL SEN 10W/30W 840 RC
PDF	Legal information	ENDURA FL SPLIT SOL SEN 10W/30W 840 RC
PDF	Declarations of conformity	ENDURA FL SPLIT SOL SEN 10/30W 840 RC
PDF	Declarations of conformity UKCA	ENDURA FL SPLIT SOL SEN 10/30W 840 RC

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854276675	Folding box 1	47 mm x 207 mm x 252 mm	1047.00 g	2.45 dm^3

© 2026, LEDVANCE GmbH. All rights reserved.

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854276682	Shipping box 8	392 mm x 227 mm x 284 mm	8859.00 g	25.27 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.