

PRODUCT DATASHEET

Endura Flood Split Solar Sensor 30W 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

- Eco-friendly solar powered light
- Energy-efficient thanks to LED technology
- 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



TECHNICAL DATA

Electrical data

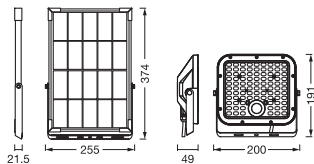
| | |
|------------------|-------------|
| Nominal wattage | 30.00 W |
| Nominal voltage | 6,4 V |
| Nominal current | 4680.000 mA |
| Protection class | III |

Photometrical data

| | |
|--|--------------|
| Luminous flux | 4500 lm |
| Total luminous flux of contained light sources | 4550 lm |
| Luminous efficacy | 150 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | 6 sdcn |
| Luminous intensity | 452 cd |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 120 ° x 60 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 200.00 mm |
| Width | 49.00 mm |
| Height | 191.00 mm |
| Product weight | 1960.00 g |
| Cable length | 5000 mm |



ENDURA FL SPLIT SOL SEN 30W
840 RC

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 |
| 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 | 8 m |
| Detection threshold of daylight sensor | 0...20 lx |

BATTERY

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

Certificates & Standards

| | |
|--|-----------------|
| Standards | CE / UKCA |
| Luminaire with limited surface temperature, "D sign" | No |
| Replaceable light source (EPREL) | Not replaceable |

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 |
|--|--|--|
|  | User instruction / safety instructions | ENDURA FL SPLIT SOL SEN 10W/30W 840 RC |
|  | Legal information | ENDURA FL SPLIT SOL SEN 10W/30W 840 RC |
|  | Legal information | ENDURA FL SPLIT SOL SEN 10W/30W 840 RC |
|  | Declarations of conformity | ENDURA FL SPLIT SOL SEN 10/30W 840 RC |
|  | 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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854276699 | Folding box 1 | 72 mm x 262 mm x 384 mm | 2144.00 g | 7.24 dm ³ |
| 4099854276705 | Shipping box 4 | 307 mm x 282 mm x 416 mm | 9212.00 g | 36.01 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.