

# PRODUCT DATASHEET

## LED ECO SOLAR FLOODLIGHT 840 1000LM

LED ECO SOLAR FLOODLIGHT | LED SOLAR FLOODLIGHT



### Areas of application

- Residential streets
- Architectural lighting
- Landscape lighting

### Product benefits

- Die-cast aluminum housing ensures reliable operation
- Energy savings thanks to high system efficacy: up to 180lm/W
- 12 hours lighting per night to fulfill the whole night application
- Lamp body and solar panel split design, easy for charging and lighting
- Professional lighting distribution provides uniformity lighting

### Product features

- Available in 4 sizes with 4 lumen packages
- Available in on-off and sensor version
- LiFePO4 battery charge-discharge cycle 2000 times
- Overcharge, over-discharge, overheat and short circuit protection
- Monocrystalline solar panel and UV resistant polycarbonate lens
- Remote control provided for easy control of operation

TECHNICAL DATA

Electrical data

|                  |     |
|------------------|-----|
| Protection class | III |
|------------------|-----|

Photometrical data

|                          |         |
|--------------------------|---------|
| Luminous flux            | 1000 lm |
| Color temperature        | 4000 K  |
| Color rendering index Ra | ≥80     |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 156.00 mm |
| Width          | 130.00 mm |
| Height         | 45.00 mm  |
| Product weight | 1600.00 g |

Materials & Colors

|                 |          |
|-----------------|----------|
| Product color   | Gray     |
| Housing color   | Gray     |
| Body material   | Aluminum |
| Mercury content | 0.0 mg   |

Application & Mounting

|  |         |
|--|---------|
| Type of protection                     | IP66    |
| Protection class IK (shock resistance) | IK08    |
| Dimmable                               | No      |
| Mounting type                          | Surface |
| Application environment                | Outdoor |
| Replaceable light source               | No      |

Sensor

|                |                |
|----------------|----------------|
| Type of sensor | Motion / Light |
|----------------|----------------|


BATTERY


|                    |        |
|--------------------|--------|
| Battery size [GMS] | Others |
|--------------------|--------|

Certificates & Standards

|                                  |                 |
|----------------------------------|-----------------|
| Standards                        | CB / ROHS       |
| Replaceable light source (EPREL) | Not replaceable |

## DOWNLOAD DATA

| Documents and certificates   |  | Document name            |
|--|--|--------------------------|
|  | User instruction / safety instructions | LED ECO SOLAR FLOODLIGHT |

| Photometric and lighting design files  |                | Document name              |
|--|----------------|----------------------------|
|  | IES file (IES) | LDECO SOLAR FLS 840 1000LM |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854287183 | Folding box<br>1             | 241 mm x 69 mm x 281 mm              | 1856.00 g    | 4.67 dm <sup>3</sup>  |
| 4099854287190 | Shipping box<br>5            | 366 mm x 301 mm x 267 mm             | 9779.00 g    | 29.41 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.