

# PRODUCT DATASHEET

## LED ECO SOLAR FLOODLIGHT 830 1600LM

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	1600 lm
Color temperature	3000 K
Color rendering index Ra	≥80

Dimensions & Weight

Length	200.00 mm
Width	226.00 mm
Height	45.00 mm
Product weight	2160.00 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	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 FL 830 1600LM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854286957	Folding box 1	261 mm x 64 mm x 421 mm	2520.00 g	7.03 dm³
4099854286964	Shipping box 5	341 mm x 281 mm x 447 mm	13210.00 g	42.83 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.