

Solar 12V



LED lamp

The use of solar energy is increasing, and lighting solutions often require 12 V lamps. Typical applications include summer cottages, motorhomes and boats. The lamps operate on 12 V AC/DC voltage. If a transformer is used, ensure compatibility between the 12 V lamps and the power supply. Technical specifications are clearly presented on the packaging. The colour temperature of the lamps is warm white (2700 K).

Opal classic low-voltage solar LED lamp to be used e.g. in summer cottages and caravans 12V AC/DC 8.1W 2700K E27 806lm 15000h 60x110mm, cardboard packing. Supply frequency ~50/60Hz.

Stocked: Yes

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4713801	4713801	0.042	Solar 12V

EC001959 LED Lamp

Electrotechnical data	
Nominal voltage (min) (V)	12 V
Nominal voltage (max) (V)	12 V
Nominal current (min) (mA)	1122 mA
Nominal current (max) (mA)	1122 mA
Power factor	0.5
Lamp power (min) (W)	8.1 W
Lamp power (max) (W)	8.1 W
Voltage type	AC/DC

ETIM	
Suitable for electronic ballast	No
Suitable for magnetic ballast	No
Rated luminous flux according to IEC 62612 (lm)	806 lm
Lamp efficacy (lm/W)	100 lm/W
Lamp shape	Round/globe
Filament lamp	No
Type of glass/cover	Opal
Cap	E27
Energy efficiency class according to EU regulation 2019/2015	F
Lamp designation	A-type
Min. number of switching cycles	50000
Weighted energy consumption in 1,000 hours (kWh)	9 kWh
Average nominal lifespan (h)	15000 h

Photometric data	
Luminous flux (min) (lm)	806 lm
Luminous flux (max) (lm)	806 lm
Colour rendering index (CRI/Ra)	80-89
Colour of light acc. EN 12464-1	Warm <3300 K
Colour temperature (min) (K)	2700 K
Colour temperature (max) (K)	2700 K
Beam angle (min) (°)	200 °
Beam angle (max) (°)	200 °
Colour consistency (McAdam ellipse)	SDCM6
Photobiological safety according to EN 62471	RG0

Structure	
Material of light bulb	Plastic
Colour	White
Housing colour	White

Dimming and control	
Dimmable	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming Bluetooth	No
Dimming Wi-Fi	No
No dimming function	Yes
Remote operation possible	No
With movement sensor	No
With remote control	No
With twilight switch	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Measurements	
Diameter (mm)	60 mm
Length (mm)	110 mm

Mounting	
Degree of protection (IP)	IP20

AIRAM