

Solar 12V



Mini-ball shape 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 P45 bulb low-voltage solar LED lamp to be used e.g. in summer cottages and caravans 12V AC/DC 5W 2700K E14 470lm 15000h 45x78mm, cardboard packing. Supply frequency ~50/60Hz.

Stocked: Yes

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4713800	4713800	0.018	Solar 12V

EC001959 LED Lamp

Electrotechnical data	
Nominal voltage (min) (V)	12 V
Nominal voltage (max) (V)	12 V
Nominal current (min) (mA)	649 mA
Nominal current (max) (mA)	649 mA
Power factor	0.5
Lamp power (min) (W)	5 W
Lamp power (max) (W)	5 W
Voltage type	AC/DC

ETIM	
Suitable for electronic ballast	No
Suitable for magnetic ballast	No
Rated luminous flux according to IEC 62612 (lm)	470 lm
Lamp efficacy (lm/W)	94 lm/W
Lamp shape	Round/globe
Filament lamp	No
Type of glass/cover	Opal
Cap	E14
Energy efficiency class according to EU regulation 2019/2015	F
Lamp designation	Other
Min. number of switching cycles	50000
Weighted energy consumption in 1,000 hours (kWh)	5 kWh
Average nominal lifespan (h)	15000 h

Photometric data	
Luminous flux (min) (lm)	470 lm
Luminous flux (max) (lm)	470 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) (°)	240 °
Beam angle (max) (°)	240 °
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)	45 mm
Length (mm)	78 mm

Mounting	
Degree of protection (IP)	IP20