DC Bulb 5W

EURONET DC LED BULB – 5W · 12V DC

Solar DC LED Bulb | E27 / B22 Base



RATED VOLTAGE	RATED POWER
DC 12V	5W
LUMINOUS FLUX	**COLOUR TEMP.**
450lm approx.	6500K approx.
BASE	**LIFESPAN (APPROX.)**
E27 / B22	25,000 hrs

OVERVIEW

The EURONET DC LED Bulb 5W runs directly on 12V DC, so it can be wired to the load output of a solar charge controller or a 12V battery without an inverter. It draws only about 0.42A at 12V and gives about 450 lumens of cool daylight (6500K approx.) with a wide beam of about 220°, suitable for bedrooms, corridors, stores and small rooms. A PC cover over an aluminium heat sink keeps the LEDs cool, for a rated life of about 25,000 hours. Available with E27 screw or B22 bayonet base. Values are typical (approx.) pending the EURONET datasheet.

KEY FEATURES

Runs Directly On 12V DC
Connects to a charge controller load output or a 12V battery, with no inverter and no conversion loss

Low Current, About 0.42A
Only 5W at 12V, so a small panel and battery can keep the light on through long evening hours at home

About 450 Lumens
Efficient SMD LEDs at about 90 lm/W give bright, clear light for everyday rooms and work areas

Cool Daylight 6500K
Crisp white light with a colour rendering index of about Ra 80 for natural-looking colours indoors

PC Cover, Aluminium Heat Sink
Shatter-resistant PC diffuser over an aluminium body that draws heat away for a long LED life

E27 Or B22 Base
Fits standard E27 screw or B22 bayonet holders, so it can replace an old bulb in an existing fitting

TECHNICAL NOTE

All values are typical for comparable 12V DC LED bulbs (approx.) and will be confirmed with the factory. DC 12V rated (12–24V DC range approx.), 5W, about 0.42A at 12V. About 450lm, 90 lm/W, 6500K, Ra ≥80, 220° beam. SMD LEDs, PC cover + aluminium heat sink, A60, E27 or B22 base, Ø60 × 109mm. 25,000 hrs life, -20°C to +40°C, IP20 (indoor), non-dimmable.

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PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	DC Bulb 5W
Series	DC LED Bulb Series
Product Type	DC LED bulb for solar home systems
Bulb Shape	A60 approx.
Base	E27 screw / B22 bayonet
Light Source	SMD LED approx.
Material	PC cover + aluminium heat sink approx.
ELECTRICAL	
Rated Voltage	DC 12V
Input Voltage Range	12–24V DC approx.
Rated Power	5W
Current Draw	0.42A at 12V approx.
Power Supply	Charge controller load output or 12V battery
Dimmable	No approx.

PARAMETER	SPECIFICATIONS
LIGHT OUTPUT	
Luminous Flux	450lm approx.
Luminous Efficacy	90 lm/W approx.
Colour Temperature	6500K (cool daylight) approx.
Colour Rendering	Ra ≥80 approx.
Beam Angle	220° approx.
PHYSICAL & ENVIRONMENTAL	
Dimensions	Ø60 × 109mm approx.
Weight	Not available
IP Rating	IP20 (indoor use) approx.
Operating Temperature	-20°C to +40°C approx.
Lifespan	25,000 hrs approx.
CERTIFICATION	
Certification	CE, RoHS approx. (typical)

**Specifications are subject to change without prior notice.*

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