DC Tubelight 18W

EURONET DC LED TUBELIGHT – 18W · 1200mm

Solar DC LED Tubelight | 12V DC T8 Tube



RATED VOLTAGE	RATED POWER
DC 12V	18W
LUMINOUS FLUX	**LENGTH**
1620lm approx.	1200mm (4ft)
COLOUR TEMP.	**LIFESPAN (APPROX.)**
6500K approx.	30,000 hrs

OVERVIEW

The EURONET DC LED Tubelight 18W is a 1200mm T8 LED tube that runs directly on 12V DC, from the load output of a solar charge controller or a 12V battery, with no inverter. It draws about 1.5A at 12V and gives about 1620 lumens of even, cool daylight light (6500K approx.), well suited to living rooms, shops, classrooms and workshops. A PC diffuser on an aluminium base spreads the light without glare and supports a rated life of about 30,000 hours. 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 1.5A
Only 18W at 12V, so a modest panel and battery can run the tube through long evening hours at home

About 1620 Lumens
Efficient SMD LEDs at about 90 lm/W light a room evenly from a single 1200mm (4ft) T8 LED tube

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

Even, Glare-Free Light
Frosted PC diffuser on an aluminium base gives soft light over a beam of about 160° with no flicker

Standard T8 Size
Ø26mm T8 tube with G13 end caps, 1200mm long, for neat ceiling or wall mounting in homes and shops

TECHNICAL NOTE

All values are typical for comparable 12V DC LED tubes (approx.) and will be confirmed with the factory. DC 12V rated, 18W, about 1.5A at 12V. About 1620lm, 90 lm/W, 6500K, Ra ≥80, 160° beam. T8 tube Ø26 × 1200mm, G13 end caps, SMD LEDs, PC diffuser + aluminium base. 30,000 hrs life, -20°C to +40°C, IP20 (indoor).

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PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	DC Tubelight 18W
Series	DC LED Tubelight Series
Product Type	DC LED tube light for solar home systems
Tube Type	T8, G13 end caps approx.
Length	1200mm (4ft)
Light Source	SMD LED approx.
Material	PC diffuser + aluminium base approx.
ELECTRICAL	
Rated Voltage	DC 12V
Input Voltage Range	Not available
Rated Power	18W
Current Draw	1.5A at 12V approx.
Power Supply	Charge controller load output or 12V battery

PARAMETER	SPECIFICATIONS
LIGHT OUTPUT	
Luminous Flux	1620lm approx.
Luminous Efficacy	90 lm/W approx.
Colour Temperature	6500K (cool daylight) approx.
Colour Rendering	Ra ≥80 approx.
Beam Angle	160° approx.
PHYSICAL & ENVIRONMENTAL	
Dimensions	Ø26 × 1200mm approx.
Weight	Not available
IP Rating	IP20 (indoor use) approx.
Operating Temperature	-20°C to +40°C approx.
Lifespan	30,000 hrs approx.
CERTIFICATION	
Certification	CE, RoHS approx. (typical)

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

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