

Farola Solar LED All-In-One 12W - 1560 Lúmenes

Product codes:

Reference: FS12W



Product features:

Power (W): 12

Color temperature CCT: 3000K Color temperature CCT: 4000K

LED: SMD2835

LED chip brand: EPISTAR Brightness (Lm): 1560

CRI: +70 Colour: Plata IP: IP65 IK: IK06

Luminous angle: 120°

Measures (mm): 500x330x100mm

Material: Aluminum

Operating temperature: -10°C ~ +45°C

Energy efficiency 2023: A Lifespan: 50.000h Certification: CE - RoHS

Warranty: 3 años

Product attributes:

Color temperature CCT (°K): Warm white 3000K, Natural white 4000K

Product description:

12W All-In-One Solar LED Streetlight - 1560 Lumens Sustainable and Efficient Lighting with Solar Energy

The 12W All-In-One Solar LED Streetlight is an efficient and eco-friendly lighting solution, ideal for public lighting and outdoor spaces. Made from durable aluminum and equipped with a high-performance Epistar LED chip, it provides a luminous flux of 1560 lumens and a lifespan of up to 50,000 hours. Its compact dimensions of 500x330x100mm make it perfect for mounting on vertical poles of Ø60mm.

Integrated Solar Technology

This solar streetlight integrates an 18V 18W monocrystalline solar panel, along with a 12.8V 6Ah 115.2Wh lithium battery, ensuring optimal performance under sunny conditions. Thanks to its 12V 5A MPPT controller with overload and surge protection, the charging time is reduced to just 6 hours in full sunlight, providing up to 10 hours at 100% and 20 hours in energy-saving mode.

Technical Specifications

• Power: 12W



• Luminous Flux: 1560 lumens

Material: AluminumLED Chip: EpistarLifespan: 50,000 hours

• Dimensions: 500x330x100mm

Solar Panel: Monocrystalline 18V 18W
Battery: Lithium 12.8V, 6Ah (115.2Wh)
Controller: MPPT 12V 5A with protection
Charging Time: 6 hours in full sunlight

• Battery Duration: Up to 10 hours at 100%, 20 hours in energy-saving mode

• Optical Beam: 120°

Recommended Height: 3-4 meters
Installation Distance: 8-10 meters
IP Rating: IP65 (water and dust resistant)

Operating Mode and Motion Sensor

The All-In-One Solar LED Streetlight features a motion sensor that adjusts the light intensity based on detected activity. It operates at 50% power (780Lm) constantly, and when motion is detected, the brightness increases to 100% (1560Lm) for 30 seconds, ensuring efficient and safe lighting.

Uses and Applications

This Solar LED Streetlight is ideal for:

- Public lighting on streets and pathways.
- Lighting for parking lots and outdoor areas.
- · Gardens, parks, and recreational areas.
- · Areas requiring autonomous lighting without connection to the power grid.

Product gallery:







