

200W ECO programmable Solar LED Street Light 4000Lm

Product codes:

Reference: JD74560

Product features:

Power (W): 200
Color temperature CCT: 6000K
LED: SMD5730
LED chip brand: SAN'AN
Brightness (Lm): 4000
CRI: +70
IP: IP65
IK: IK08
Luminous angle: 120°
Material: Steel + glass
Operating temperature: -20°C ~ +55°C
Energy efficiency 2021: A++
Lifespan: 40.000h
Certification: CE - RoHS
Warranty: 3 años



Product attributes:

Color temperature CCT (°K): Cool white 6000K

Product description:

Solar LED Street Light 200W Programmable 4000Lm The **200W solar LED street light** is a powerful and efficient lighting solution, with a luminous flux of 4000 lumens. Equipped with high-brightness SANAN SMD5730 chips, it is available in cool white 6000K. Ideal for lighting streets, parks, and outdoor areas with a renewable energy system.

This **solar LED street light** is perfect for those seeking powerful and sustainable outdoor lighting. With a luminous flux of 4000 lumens and a cool white color temperature of 6000K, this street light ensures clear and efficient lighting. Equipped with high-brightness SANAN SMD5730 chips, it offers excellent luminous efficiency.

The street light includes an independent 50W polycrystalline solar panel, measuring 44x67cm, which can be oriented as needed to maximize solar incidence for optimal charging. It includes a 27500mAh LiFePO4 battery, with an average life of 1500 charge cycles. The charging time is approximately 6 hours in full sun, providing an autonomy of 2 nights even on rainy days.

Made of black lacquered aluminum, this street light includes a bracket for wall or pole mounting. Additionally, it comes with a remote control that allows programming the solar LED street light, offering 4 working modes:

- Automatic turn on at night and off at dawn.

- Total shutdown with automatic turn on for 3-5-8 hours.
- Permanent operation at 50%.
- Permanent operation at 100%.

Technical Specifications

- **Power:** 200W
- **Luminous Flux:** 4000 lumens
- **Color Temperature:** 6000K (cool white)
- **LED Chips:** High-brightness SANAN SMD5730
- **Solar Panel:** Polycrystalline 50W (44x67cm)
- **Battery:** 27500mAh LiFePO4
- **Charging Time:** Approx 6 hours in full sun
- **Autonomy:** 2 nights even on rainy days
- **Material:** Black lacquered aluminum
- **Mounting:** Includes bracket for wall or pole
- **Remote Control:** Included, allows programming and mode control
- **Working Modes:** 4 adjustable modes

What is a Solar LED Street Light?

A **solar LED street light** is a lighting device that uses solar energy to charge its battery and power its LED lights. It consists of a solar panel that captures energy from the sun during the day and converts it into electricity to recharge the internal battery. At dusk, the LED street light uses the stored energy to provide efficient and eco-friendly lighting.

Solar LED street lights are ideal for outdoor areas where lighting is needed, such as streets, parks, gardens, and patios. They are easy to install, do not require connection to the electrical grid, and do not emit carbon emissions, making them a sustainable and economical option.

Uses and Applications

- **Street lighting:** Perfect for illuminating public roads and ensuring nighttime safety.
- **Park lighting:** Ideal for keeping recreational and leisure areas illuminated.
- **Garden lighting:** Provides clear and powerful light to highlight landscaped and decorative areas.
- **Patio lighting:** Provides adequate lighting to enjoy evenings outdoors.
- **Pathway lighting:** Perfect for illuminating paths and ensuring safe circulation.

Product gallery:

