

## Solar LED Street Light 3X1 - 500 Lm - with Motion Sensor



### Product code:

Reference: SL-CW-91798

### Technical specifications:

REFERENCE: SL-CW-91798  
Nominal Voltage: 3.7V 6.6A Li-ion  
Colour: 6000K  
CRI - Chromatic Rendiment Index: 72  
Construction Material: Aluminium+PC  
Luminosity-Lm: 500Lm  
Beam Angle (°): 90°  
Certifications: CE - ROHS  
IP : IP65-Outdoor  
Diode Life Expectancy (H): 100.000  
Dimensions (mm):  
Temperature Range (°C): -20°C - +40°C  
Starting Time (s): 0,2s  
Other Information: Solar Panel: 9V / 7W  
Material of the Battery: LiFePO4 - Lithium-Ferrophosphate -LPF 16AH 6.4V  
Download Time: 24h. (2 days)  
Control modes: RADAR  
Impact Protection (IK) : IK10  
Energy Rating (2023 - UE-2019/2015): A  
Warranty Years: Solar Panel : 5 Years - Battery: 3Years  
Time-Delay: Detector Normal : 20% - With people: 100% 20s.

### Product short description:

Our **3X1 Solar Streetlight** has the installation versatility to allow the streetlight to fit perfectly into any environment. With **three different installation types** the lantern has great versatility, it can be mounted on the **wall** to illuminate specific areas, on a **column** for wider and more focused illumination, or on an LED lantern **bracket** to highlight pathways and outdoor areas.

Made from weather-resistant materials, this lantern features a sleek design that combines functionality and aesthetics. Its robust construction ensures a long service life and resistance to adverse weather conditions.

### Product description:

Solar LED Street Light 3X1 - 500 Lm - with Motion Sensor

The **Solar LED Street Light 3x1** is an innovative and sustainable solution that provides efficient and environmentally friendly lighting. Designed to adapt to various installations, this versatile luminaire can be mounted in three different ways: on a wall, on a column for LED street light, or on a support for LED street light with motion sensor.

Its power source comes from integrated solar panels, making it an eco-friendly option by harnessing solar energy to power its high-efficiency LEDs. This not only contributes to resource conservation but also significantly reduces energy costs over time.

The modular and robust design of the Solar LED Street Light ensures **easy installation** and long-term durability. Its adaptability to different locations makes it a **versatile choice** for illuminating streets, parks, gardens, and residential areas.

The built-in **motion sensor** adds an additional level of efficiency by activating the lighting only when motion is detected, saving energy and providing added security by automatically illuminating areas when needed.

With a modern and attractive style, this Solar LED Street Light not only meets energy efficiency standards but also adds an aesthetic touch to any environment. Discover the perfect combination of functionality, sustainability, and design with the Solar LED Street Light adaptable to your lighting needs.

Furthermore, benefit from the advantages of this **3X1 Street Light**, as some of its benefits include high luminous performance due to its advanced LED technology.

1. Savings in maintenance costs.
2. Ideal for replacing old streetlights.
3. It has **IP65** protection.
4. Does not require an external power source.
5. No need for wiring installation.

Make use of clean and **renewable energy**, as this panel captures the heat produced by the sun during the day, converting it into energy, thus charging its battery, and at night, the LED module turns on using the stored energy.

Its installation is very simple.

The versatility of installation allows the streetlight to fit perfectly into any environment. It can be mounted on a wall to illuminate specific areas, on a column for broader and focused illumination, or on a support for LED streetlight to highlight paths and outdoor areas.

Once installed, you just have to wait for the sun to charge its batteries, and it will automatically turn on at night to provide the necessary light in the installed location. The shutdown is

# Technical Datasheet

also automatic when dawn is detected.

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Operation of the solar streetlight:

- Normal operation at 20%, and when motion is detected, it operates at 100% for about 15 seconds.

Uses of Solar LED Street Light 3X1 - 500Lm - with Motion Sensor

- Gardens
- Public parks
- Roads
- Streets...
- Squares...

In our online store, we ensure that our products have QUALITY assurance and provide all the necessary elements for DISTRIBUTION, IMPORT, or WHOLESALE, including the technical specifications of each LED product.

## Additional images:

