Gemini 22 Solar Street Light 40xLED, 24W, 2500lm, 3 modes

Kod produktu: 74729

Dane techniczne:

- Power **24W**
- Luminous flux **2500lm**
- Battery capacity **10000mAh**
- Battery **Lithium**
- Autonomy **2-3 days**
- LED Included
- Voltage: **6V**
- Protection Level: **IP65**
- Body Material: Aluminum
- LED: 40pcs High Power SMD LED
- Battery: **10000mAh Lithium Battery**
- Day/Night Sensor:
- Motion Sensor
- Function: 3 Working mode for option
- Light Max Power: **24W**
- Luminous Flux: Max **2500lm**
- Installation: On Pole or Wall
- Certification: ce

The applications for solar powered outdoor lighting systems are endless. These units can be used for: Security and safety lighting, rural area lighting, Dock lights, Park lighting, Parking lot lighting, Parkway lighting, Walkway lighting, Street lighting, Transit Lighting, Outdoor area lighting, Military and civil security and so on. The costs of trenching and installing underground wiring often make a solar street lighting system an economically feasible lower cost option.

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3 lighting modes

GREEN LED: Dusk to dawn (normal floodlight). PIR sensor does not work when this mode is selected.

If the battery is fully charged,the working time is around 10-12 hours

BLUE LED: PIR motion triggered full brightness (2500 lm), normal brightness is 300 lm.

If there is no motion all night, the light can work around 18-20 hours

If there is person active the light full power, the light working time will reduce, for normal home use, for mode 2, the light normally can work whole night when battery is fully charged.

RED LED: Light is off when no motion (complete darkness). Light is on when PIR motion sensor is activated. In all above working modes, the light will only come on at night (or when the day turns dark). The light does not turn on during day time.

If the light always on for full power, can last around 2-3 hours,the motion sensor timer is around 30s, so can active around 300 times.

FEATURES

Customized and powered by 20 watts high efficient super cell solar panel.

Designed to withstand the harshest and most extreme environments has to offer from blistering heat to driving rain, hail and sub zero temperatures. Whatever the environment is, rugged construction is up for the challenge. Its internal components offer IP65 weather protection and its external components are built with marine grade aluminium and stainless steel fixings.

The most technically advanced CREE LED lighting technologies that work seamlessly and systematically with our latest LED driver and Intelligent Power Management System (iPMS). Our newly designed LED lens features a variety of lighting distributions and power options ranging from output.

Good light color rendering for excellent light effect, near natural color make people's visual comfort and no glare beam.

An advance 24 watts CREE LED that produced 2,500 lumens (full power mode) with Guardian PIR Motion Sensor activation. Normal operation or dim model with 300 lumen (dim mode).

Guardian PIR Motion Sensor feature that automatically control the LED light output from full brightness model (2,500 lumen) to a lower level dim mode (300 lumen) depending upon the detection of movement around the light. This fluctuation of lighting intensity preserves battery power and also serves to increase community security by deterrring unsociable activity late at night and early in the morning where these lights are installed.

Very safe because 5 volt direct current system

13,000mAH Lithium battery bank.

Our in-house developed new-generation, high quality lithium batteries manufactured to high standards for high power applications and longevity. Key benefits include enhanced safety, strong thermal stability, tolerance to abuse, a high current rating and a 1,000 cycle life. Lithium batteries are half the weight and size of lead acid and some other deep cycle batteries, take higher voltage under load and offer as much as 10 times the cycle life. Lithium batteries are also fully recyclable, making them the smart choice for our precious environment.

Lithium batteries are charged for maximum efficiency using our GAMMA advance Solar Charge Controller that constantly monitors the state of the batteries to optimise the charging levels while protecting them against overload, over-charge, over-discharge and accidental short circuit.

Built-in GAMMA advance Pulse Width Modulation charge controller, microprocessor, automatic lighting controller and timer system.

Designed for 3-4 meter pole height and 8-12 meter distance between pole to pole.

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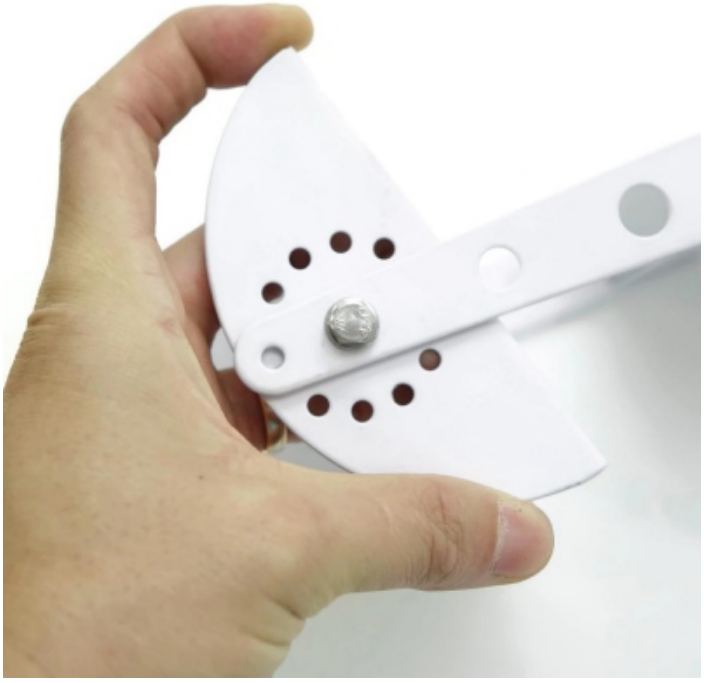

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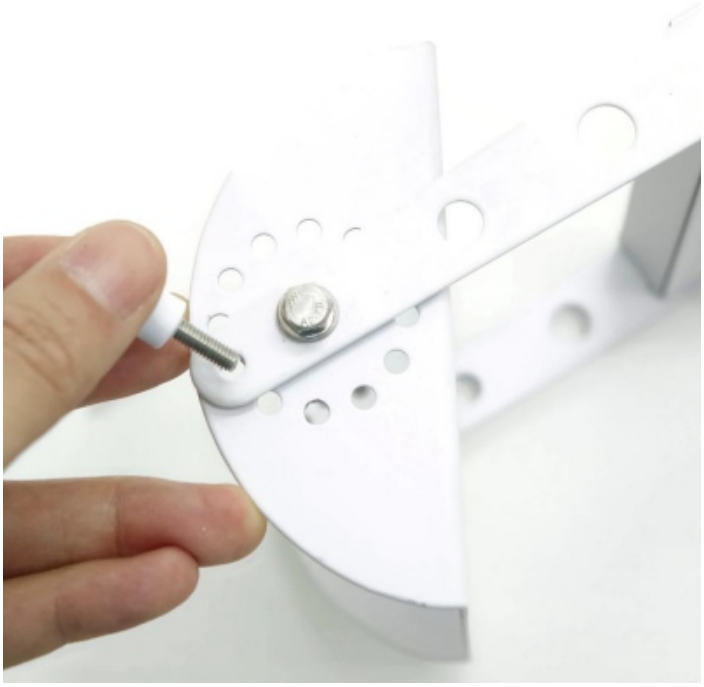

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