

Solar-Powered Motion Sensor Light

This solar-powered sensor light is an optoelectronic device designed for outdoor lighting. The integrated motion sensor activates the light when movement is detected, providing illumination for security or convenience.



ADDITIONAL IMAGES



Product Overview

Sustainable Security Lighting

This solar-powered security floodlight provides a robust and environmentally friendly lighting solution for outdoor spaces. Designed for effortless installation and long-term reliability, the unit utilizes a high-efficiency monocrystalline solar panel to power its 80 super-bright LEDs. Equipped with an integrated motion sensor, it automatically activates upon detection, ensuring both security and convenience for entrances, pathways, and gardens.

Performance Metrics

Performance Highlights

180 degrees

Sensing Angle

15 m

Detection Range

4 W

Max Rated Load

80 units

LED Count

Technical Specifications

Power & Battery

Component	Details
Battery Type	7.4V 2000mAH Lithium
Solar Charger	10VDC/2.5W Monocrystalline
Illumination Time	>= 4 hours

Operational Conditions

- Operating Temp: -10 °C to +40 °C
- Installation Height: 1-3m
- Light-control: <10LUX
- Time Delay: 10s - 3min

Compliance & Features

Key Features

Solar Powered, Motion Sensor, Energy Efficient, Outdoor Rated