



Solar Motion Security Light, 1500lm, 5500-6500K, IP65, PIR Sensor

- Delivers 1,500 lm from SMD2835 LED source
- Color temperature range of 5,500-6,500K
- 180-degree PIR motion detection with adjustable sensitivity
- IP65 rated for outdoor exposed installations
- Rated LED lifetime of 50,000 hours
- Dual Li-ion battery solar power system, CE and RoHS certified

OVERVIEW

The 1-SL-YSOL-60K is a solar-powered, motion-activated security light designed for outdoor perimeter and property lighting in residential and commercial applications. It operates independently of grid power, drawing energy from its integrated solar panel and storing it in dual Li-ion batteries for extended run time after dark.

The fixture uses SMD2835 LED technology to deliver 1,500 lm at a color temperature of 5,500-6,500K. A built-in PIR sensor provides 180-degree detection coverage with adjustable sensitivity and range settings to reduce false triggers. The unit carries an IP65 rating, making it suitable for exposed outdoor installations, and is rated for 50,000 hours of LED life.

This product carries CE and RoHS certification and includes a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,500 lm
Color Temperature	5,500-6,500 K
Beam Angle	180°
LED Chip Type	SMD2835
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	285×150×170mm
Finish	White

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120 V
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ENVIRONMENTAL

IP Rating	IP65
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CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant

APPLICATIONS

- Residential perimeter lighting
- Commercial property security lighting
- Driveway and walkway illumination
- Building entrance and exterior wall mounting
- Off-grid outdoor lighting installations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	1,500 lm	pdf	high
cct_k	5,500–6,500 K	pdf	high
beam_angle_deg	180°	db	high
led_chip_type	SMD2835	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120 V	db	high
product_dimensions	285×150×170mm	pdf	high
finish	White	db	high
ip_rating	IP65	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY