



Solar LED Street Light with Remote Control, 50W, 5000lm, 6000K, IP65

- Delivers 5,000 lumens at 50W for general outdoor area lighting
- 6000K color temperature with CRI of 70 for broad visibility
- IP65-rated aluminum and tempered glass housing for outdoor exposure
- Rated for ambient temperatures from -15°C to 50°C
- LED lifetime rated at 50,000 hours for extended service intervals
- Includes remote control for on-site adjustment of operation

OVERVIEW

The SL-A50W-RC is a solar-powered LED street light designed for outdoor area lighting applications including parking lots, roadways, pathways, and perimeter security lighting. It operates as a self-contained unit, integrating a solar panel and high-capacity battery to deliver up to 12 hours of continuous illumination per charge without grid connection. A remote control allows on-site adjustment of operating parameters.

The fixture operates at 50W and produces 5,000 lumens at a 6000K color temperature with a CRI of 70, suitable for general outdoor visibility. The housing is constructed of aluminum with tempered glass and carries an IP65 rating, providing protection against dust ingress and low-pressure water jets for use in variable weather conditions rated for -15 to 50°C ambient operation.

SPECIFICATIONS

OPTICAL

Luminous Flux	5,000 lm
Color Temperature	6,000 K
CRI	70
LED Lifetime	50,000 h

MECHANICAL

Finish	black
Material	aluminum, tempered glass

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	50 W

ENVIRONMENTAL

IP Rating	IP65
Ambient Operating Temperature	-15-50 °C 5-122 °F

APPLICATIONS

- Parking lot lighting
- Roadway and street lighting
- Pedestrian pathway lighting
- Perimeter security lighting
- Off-grid area lighting

slug	value	source	confidence
lumens	5,000 lm	db	high
cct_k	6,000 K	db	high
cri	70	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120–277 V	db	high
wattage	50 W	db	high
finish	black	db	high
material	aluminum, tempered glass	db	high
ip_rating	IP65	db	high
ambient_temp_c	-15–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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