



100W Solar LED Flood Light with Remote Control, 6000K, IP65 Rated

- Delivers 10000 lumens at 6000K with an 80 CRI rating
- 32W, 12V polysilicon solar panel charges an integrated 30Ah 3.2V lithium battery
- Remote control enables dimming, manual mode, photocell mode, and on/off switching
- IP65 -rated housing built from aluminum and tempered glass in a black finish
- Provides up to 12 hours of runtime at full brightness on a single charge
- Rated for 50000 hours of LED operation with a 1-year warranty

OVERVIEW

The SL-F100W-RC is a 100W solar-powered LED flood light for off-grid exterior applications including parking areas, building perimeters, signage illumination, and remote job sites where utility power is unavailable or impractical.

The fixture operates at 6000K color temperature with an 80 CRI rating and outputs 10000 lumens. It is powered by a 32W, 12V polysilicon solar panel paired with a 30Ah 3.2V lithium battery, providing up to 12 hours of runtime at full brightness. The included remote control supports dimming, manual mode, photocell mode, and on/off switching, and the housing combines aluminum and tempered glass in a black finish. The unit carries an IP65 rating for exposed outdoor installations and an LED lifetime rating of 50000 hours.

This SKU is offered as a final sale item with a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	10,000 lm
Color Temperature	6,000 K
CRI	80
LED Lifetime	50,000 h

MECHANICAL

Finish	black
Material	aluminum, tempered glass

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	100 W
Dimmer Type	Remote control: dimming, manual mode, photocell mode, on/off

ENVIRONMENTAL

IP Rating	IP65
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APPLICATIONS

- Off-grid parking area lighting
- Building perimeter security lighting
- Remote job site illumination
- Signage and billboard lighting
- Rural or utility-free outdoor spaces

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	10,000 lm	db	high
cct_k	6,000 K	pdf	high
cri	80	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	pdf	high
wattage	100 W	db	high
dimmer_type	Remote control: dimming, manual mode, photocell mode, on/off	pdf	high
finish	black	db	high
material	aluminum, tempered glass	db	high
ip_rating	IP65	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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