



Solar Street Light, 200 W, Selectable 2700-9000 K, IP65 Die-Cast Aluminum, Wall or Pole Mount

- 357 SMD 5730 LEDs with 2700-9000 K selectable color temperature
- Die-cast aluminum body in grey finish with polycarbonate lens
- 3.2 V 25 AH LiFePO4 battery charged by a 6 V 25 W monocrystalline panel
- Light control, time control and remote control operation modes
- IP65 ingress protection rated for -20 to 50 degrees C ambient
- 500 × 210 × 50 mm housing for side-entry mounting on 60 mm pipe

OVERVIEW

Self-contained 200 W solar street light with an integrated monocrystalline panel, LiFePO4 battery and die-cast aluminum housing. Intended for roadway, parking area and perimeter lighting where no grid connection is available, using side-entry mounting to a 60 mm pipe or a wall bracket.

The fixture carries 357 SMD 5730 LEDs behind a polycarbonate lens, with selectable color temperature from 2700 K to 9000 K and a 120-degree beam distribution. A 3.2 V 25 AH LiFePO4 battery charges in 5 to 8 hours of sunlight and supports 8 to 24 hours of discharge per night. Operation combines dusk-to-dawn light sensing, time control and remote control. Rated IP65 for an ambient range of -20 to 50 degrees C.

Backed by a 2-year warranty.

SPECIFICATIONS

OPTICAL

Color Temperature	2,700K / 9,000K
Selectable CCT *	CCT
Beam Angle	120°
LED Chip Type	SMD5730
LED Density	357 LEDs/m
LED Lifetime	30,000 h
Lens Type	Polycarbonate

MECHANICAL

Product Dimensions	500*210*50mm
Finish	Grey
Material	Die-Cast Aluminum
Mounting	Wall/Pole Mount

ELECTRICAL

Wattage	100 W
Battery Type	Lithium

ENVIRONMENTAL

IP Rating	IP65
Environmental Rating	Waterproof
Ambient Operating Temperature	-20-50 °C -4-122 °F

ORDERING

Warranty

2 y

DIMENSIONS & DIAGRAMS

Power	Lamp Dimension (L*W*H)	Package Dimension (L*W*H)
100W	500*210*50mm	57*39*13cm (1PCS/CTN)
150W	500*210*50mm	57*39*13cm (1 PCS/CTN)
200W	500*210*50mm	57*39*13cm (1 PCS/CTN)
300W	500*210*50mm	57*39*13cm (1 PCS/CTN)
400W	500*210*85mm	67*39*13cm (1 PCS/CTN)

DIMENSION

APPLICATIONS

- Rural roadway and secondary street lighting
- Off-grid parking lots and access drives
- Industrial yard and perimeter security lighting
- Park pathways and campus walkways
- Remote site and utility access lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
cct_k	2,700K / 9,000K	both	high
cct_selectable	CCT	db	low
beam_angle_deg	120°	db	high
led_chip_type	SMD5730	db	high
led_density	357 LEDs/m	db	high
led_lifetime_h	30,000 h	pdf	high
lens_type	Polycarbonate	db	high
wattage	100 W	pdf	high
battery_type	Lithiem	db	high
product_dimensions	500*210*50mm	pdf	high
finish	Grey	db	high
material	Die-Cast Aluminum	db	high
mount_type	Wall/Pole Mount	db	high
ip_rating	IP65	both	high
environmental_rating	Waterproof	db	high
ambient_temp_c	-20-50 °C	db	high
warranty_years	2 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.