

SPECIFICATION



All In One Solar Streetlight



IP67 IK08

All In One Solar Streetlight



Overview

- © Design in a simple and stylish way to create an ultra-thin all in one solar streetlight, integrated with plate glass optical lens.
- © Glass optical lens, significant physical material advantages. Saline-alkali resistance, corrosion resistance. The light transmittance is up to 92%.
- © Imported LED chip and customized high power chip, high light efficiency. Humanized design, equipped with cost effective and high light effective solutions for projects.
- © Intelligent radar scan and PIR sensor, eco-efficient, improving lifespan.
- © Customize superior solution: MPPT+WIFI Monitoring system, to perform remote monitoring and adjust lighting effect in real time.
- © Built-in lithium iron phosphate battery, removable rear cover, easy to field maintenance.

Colours



Detailed Feature



Monocrystalline silicon Solar panel



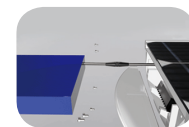
Light Source

Cost-effective Solution (48pcs SMD3030)
High light efficiency Solution (12pcs SMD7070)



Sensor

Intelligent radar scan and PIR sensor, eco-efficient, improving lifespan.



Rear Cover

Built-in lithium iron phosphate battery, removable rear cover, easy to field maintenance.

Application

Widely used in village road, factory, plaza, urban street, school, park and road lighting and other places requiring outdoor lighting.



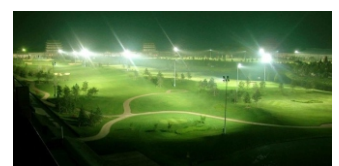
Village Road



Plaza



Urban Street



Park

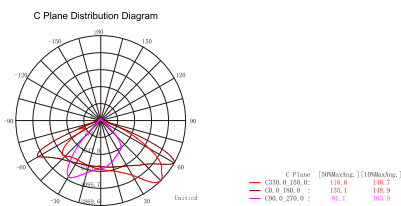
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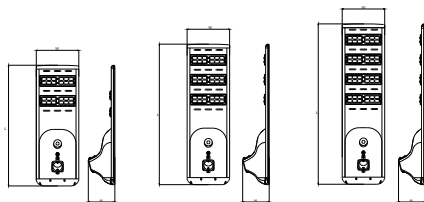
Product Parameters

Power	20-30W	40-50W	60W
LEDs Type	3030/7070		
LED Qty	3030 48pcs/Group or 7070 12pcs/Group		
Lithium Battery Capacity	12v/10Ah	12v/18Ah	12v/25Ah
Solar Panel Power	18V 30W(Monocrystalline silicon)	18V 42W(Monocrystalline silicon)	18V 50W(Monocrystalline silicon)
Luminaire Efficacy	150-170M/W (SMD3030)		190-200M/W (SMD7070)
CRI	≥70Ra		
Ambient Temperature	0°C~ +40°C		
Beam Angle	145*75°		
IP Grade	IP67		
Installation	Bracket fixed		
Mounting Height	3-5M	5-6M	6-8M
Mounting Distance	20M		
Pole Diameter	Φ 60mm		
Working Mode	Light control and PIR sensor (MPPT+WIFI Monitoring System)		
Charging Time	6-7 hrs (in sunny day)		
Working Time	10-12hrs/per day, sustain 3-5 days.		
Housing Color	White (Customize)		
Material	Aluminum alloy		
LED's lifespan	>50000 hrs		
Certifications	CE,ROHS		
Packaging Type	1pc/ctn		

Light Distribution Curve

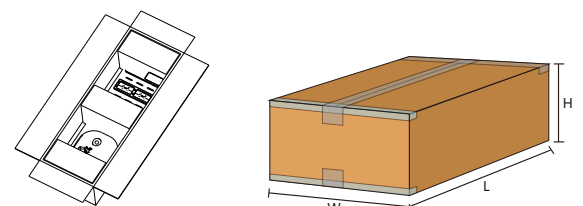


Product Dimension



额定功率	L/mm	W/mm	H/mm	N.W./kg
30W	852	300	187	9.6
50W	992	300	187	11.5
60W	1132	300	187	13

Package Dimension



额定功率	L/mm	W/mm	H/mm	G.W./kg
30W	905	360	250	10.5
50W	1045	360	250	12.5
60W	1185	360	250	14.8