

HIGHLIGHT SP-PLP-C-PORT

Specifications



Why us?

Innovative Technology

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

Photometric

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

Versatile Lightning

We designs and install solar-powered lightning systems tailored for all kind of locations such as streets, parks, pathways, homes, etc.

Global Reach

Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

These solutions enhance safety, promote sustainability and providing significant energy and cost saving.

Warranty

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



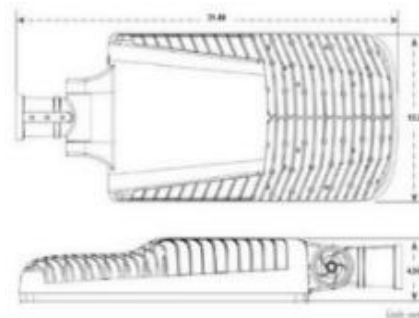
The SolarPath HIGHLIGHT SP-PLP-C-PORT™ is the premier LED solar illumination technology in its class today. Ultra- bright/High Intensity LED lighting means a total lighting solution for any need. This product has both a solar engine and a street light. The HIGHLIGHT SP-PLP-C's battery and control is on the LED head which allows this product to be used for parks, roads, path. Once the product is installed, it can be controlled via a remote control.

Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 400W
Solar Charge Controller Parameters	Type	MPPT
Battery Parameters	Type	LiFePO4
	Capacity	Up to 200AH/25.6V
	Light Source Power	Up to 150W
	Lamp Rated Total Luminous	Up to 23,000lm
LED Light Parameters	Flux	
	Luminous Efficacy	128lm/w
	CCT (Correlated Color Temperature)	3,000K-6,000K
	Color Rendering Index (CRI)	≥70
Operation profiles	Depend on solar radiation	
Lighting Material	Die-casting Aluminum	
Pole Height	Up to 20'	
Concrete Foundation	Concrete foundation dimensions determinate by pole height and wind load rating	

Key Features

- Low installation and maintenance costs.
- IP 67 Rating.
- High LED performance 1W/130lm.
- Light dimming engine.
- Led's operating life time over 150,000 hours at maximum output.
- Dedicated optical lens per LED for enhanced spread and uniformity.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical application.
- Battery enclosure.
- Aluminum housing for efficient heat dissipation
- IDA Approved.



SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Constructions zones	
Emergency light	
Access roads	
Military needs	
Parking lots	

ORDERING GUIDE

Ordering Guide: HIGHLIGHT SP-PLP-C-PORT-A-50W-25W-2-30K-50AH-INL-GR-1

Model	Solar Panel Qty.	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery options	Battery	Body Color	Arm
SP-PLP-C-PORT	A – 1 Panel	50W	25W	2 – Type II	30K	50AH	INL-Integrated in LED fixture	GR- Grey	1 – Single
	B – 2 Panels	65W	50W	3 – Type III	40K	70AH	ASP-Attach to solar panel		2 - Double
		85W	60W		50K	85AH	IBE-Inside battery enclosure on a pole		
		100W	80W		60K	100AH			
		125W	100W		124AH				
		135W	120W		150AH				
		150W	150W		180AH				
		160W	200AH						
		180W							
		200W							
		250W							
		300W							
		350W							

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