

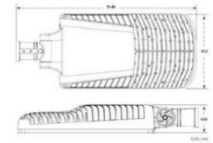
The SolarPath HIGHLIGHT SP-PLP-C™ is the premier LED solar illumination technology in its class today. Ultra- bright/High Intensity LED lighting means a total lighting solution for any need. This product has both a solar engine and a street light. The HIGHLIGHT SP-PLP-C's battery and control is on the 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 Specifications**

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
LED Light Parameters	Light Source Power	Up to 150W
	Lamp Rated Total Luminous Flux	Up to 23,000lm
	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.



**Ordering Guide:**

Example: SP-PLP-C-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	A – 1 Panel B – 2 Panels	50W	25W	2 – Type II	30K	50AH	INL-Integrated in LED fixture ASP-Attach to solar panel IBE-Inside battery enclosure on a pole	GR- Grey	1 – Single 2 - Double
		65W	50W	3 – Type III	40K	70AH			
		85W	60W		50K	85AH			
		100W	80W		60K	100AH			
		125W	100W		124AH				
		135W	120W		150AH				
		150W	150W		180AH				
		160W	200AH						
		180W	250W						
		200W	300W						
		250W	350W						
		300W							
		350W							



\*Up on request

