



The SolarPath **HIGHLIGHT SPWSPL™** 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. The solar panel is wrapped and can be installed on a new or an existing pole. It is new technology. This product has both a solar engine and a LED light. The battery and controller are on the LED head which allow this product to be used for, roads, parking lot, pathway, etc. The lighting fixture can be used up to 80W and can be controlled via remote control.

### Technical Specifications

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 560W
Solar Charge Controller Parameters	Type	MPPT (Maximum Power Point Tracking), infrared solar charging controller
	Battery type and parameters	MnNiCO Up to 2,160WH LifePO4 Up to 1,198WH
LED Light Parameters	Light Source Power	Up to 100W
	Lamp Rated Total Luminous Flux	A – 1W/140lm
		B – 1W/130lm
	CCT (Correlated Color Temperature)	3,000K-6,000K
LED Light Parameters	Color Rendering Index (CRI)	≥81
	Light Control Voltage	36VDC
Control Modes	Manual ON/OFF / Automatically ON/OFF / Time Control	
Operation mode	Depend on installation area, can be programed with remote control,	
Lighting Material	Die-casting Aluminum	
Extended Application	Wireless Remote controller	
Optional	GPRS Integrated Management System (Remote control and monitoring)	
Product size	light body	31.4 * 12.2 * 4.5 (inch)
	solar panel	Depend On Solar Panel wattage
Net weight	light body	Depend On LED power
	solar panel	Depend On Solar Panel Wattage

### Key features

- Can be installed on existing pole.
- Low installation and maintenance costs.
- Folding solar panel.
- IP 67 Rating.
- Solar powered outdoor lighting.
- Battery, solar controller are built inside of light.
- Good appearance, small size and lightweight, easy to install.
- Rust-proof, dustproof and waterproof.
- Energy saving 100% generated from solar less power consumption than traditional.

### Uses and Applications Guide

Streets lighting	●
Parking lots	●
Residential roads	●
Public parks	●
Sports lighting	●



### Ordering Guide

EXAMPLE: SPWSPL-A-100W-15W-3-30K-840WH-1-GR-00

Model	Solar Panel Quantity	Solar Panel	Led Power		Distribution Type	Led Color Temp	Battery options		Arm	LED Body Color	Motion sensor
			A	B			LifePO4 / MnNiCO				
SPWSPL	A – 1 B – 2 C – 3 D – 4	100W 140W	15W 20W 30W 40W 50W 60W	20W 30W 40W 50W 60W 80W 100W	3 – Type III	30K 40K 50K 60K	840WH 960WH 1080WH 1200WH 1440WH 2160WH	616WH 693WH 760WH 845WH 1014WH 1198WH	1 – Single 2 – Double	GR - Grey	00 – no motion sensor 01 – motion sensor *available type A only

\*Solar Panel dimensions- 100W (45.6 in)  
140W (61.4in)

