



The SolarPath HIGHLIGHT LLWP™ all in one is the most advanced and sophisticated solar light pole available on the market. The solar light pole is completely off-grid and works autonomously, using sustainable solar power. This means there is no need for expensive cabling and invasive trenching, which results in fast installation, easy operation and a low total cost of ownership. Solar energy generated during the day is stored in high-quality lithium batteries, which are long-lasting and require minimum maintenance. The highly efficient LED-luminaire provides powerful lighting at night.

## Technical Specifications

### Advantage

- CIGS Amorphous flexible solar panel wrap on pole
- Maintenance free.
- All in one.
- High LED performance.
- Controller: Optically control. Time control, anti-over-discharge and short-circuit resistant.
- Material: Aluminum alloy, steel pole coated with electrostatic spray, anti-salted, anti- acid, weather and rust resistant.
- IP65

Solar Module Parameters	Type	CIGS Amorphous flexible solar panel wrap on pole	
	Power	Up to 240W	
Solar Charge Controller Parameters	Type	MPPT	
	Battery type and parameters	LifePO4 Lithium Battery	Up to 12V/60AH
LED Light Parameters	Light Source Power	Up to 60W	
	Brightness	Up to 9,000 lm	
	CCT (Correlated Color Temperature)	3,000-6,000K	
Operation profile	Dusk to dawn (dim per to solar radiation)		
Operation Temperature	-4°F-140°F		
Pole Height	Up to 20 ft		

### Uses and Applications Guide

Streets lighting	●
Parking lots	●
Walking/bike path	●
Branch roads	●
Residential roads	●
Public parks	●



### Ordering Guide: LLWP- A-80W-30W-30K-25AH-15ft-GR

Model	Solar panel qty.	Solar panel	LED Power	Color Temperature	Battery capacity	Pole height	Body color
LLWP	A- 1 panel B- 2 panels	80W	30W	30K	25AH	15 ft	GR-Grey
		100W	40W	40K	40AH	20 ft	BLK- Black
		120W	50W	60K	60AH		
			60W				



\*Up on request