



The SolarPath HIGHLIGHT SPWSPDL-LA™ 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.

Advantage

- CIGS Amorphous flexible solar panel wrap on pole
- Maintenance free.
- High LED performance.
- MPPT time control, anti-overcharge and short-circuit resistance.
- Steel post.
- IP 65

Uses and Applications Guide

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

Technical Specifications

Solar Module Parameters	Type	CIGS Amorphous flexible solar panel wrap on pole	
	Power	Up to 360W (2 x 180W CIGS solar panel on pole + 30W solar panel on top of the LED fixture)	
Solar Charge Controller Parameters	Type	MPPT	
Battery type and parameters	Lithium (NMC)	Up to 60AH	
LED Light Parameters	Light Source Power	30W	
	Brightness	Up to 2,454 lm	
	CCT (Correlated Color Temperature)	3,000/6,000K	
Operation profile	Dusk to dawn (dim per to solar radiation)		
Operation Temperature	-4°F - 131°F		
Pole Height	Up to 19ft		



Example: SPWSPDL-LA-A-80W-30W-30K-40AH-13-GR

Ordering guide:

Model	Solar panel qty.	Solar panel	Led Power	LED color	Battery capacity	Pole height	Body color
SPWSPDL-LA	A – 1 Panel	85W	30W	30K	30AH	13ft	GR-Grey *other color available up on request
	B – 2 Panels	90W			40AH	15ft	
		100W			50AH	17ft	
		150W			60AH	19ft	
		180W			80AH		
		*Additional 30W solar panel on LED fixture			100AH		
					120AH		
	150AH						



*Up on request