



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

- Flexible Monocrystalline silicon solar panel
- 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	Flexible Monocrystalline Silicon	
	Power	110W (80W 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)	40AH	
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 15ft		



Ordering guide: example-SPWSPDL-LA- 80W-30W-30K-40AH-13-GR

Model	Solar panel	Led Power	LED color	Battery capacity	Pole height	Body color
SPWSPDL-LA	80W *Additional 30W solar panel on LED fixture	30W	30K 60K	40AH	13ft 15ft 17ft 19ft	GR-Grey *other color available up on request



*Up on request