



The SolarPath HIGHLIGHT SPSTLH™ 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. The curved vertically integrated solar panels are wind-resistant and self-cleaning, as dirt and dust cannot stick on the design. 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.

Key features

- Low installation and maintenance costs.
- Weather-proof and UV- proof.
- IP Rating IP65
- High LED performance
- LED's operation life time over 70,000 hours.
- Light dimming engine.
- LED strings shunt protection.
- Battery inside pole.
- Wind- resistant and self cleaning.
- Coated with electrostatic spray for anti-salted, anti-acid, rust resistant.
- Double layer: steel hot galvanized + aluminum.

Technical Specifications

Solar Module Parameters	Type	Monocrystalline Silicon
	Power	Up to 800W(4 x 200W each)
Solar Charge Controller Parameters	Type	MPPT
	Battery type and parameters	Up to 150AH
LED Light Parameters	Light Source Power	Up to 80W
	Brightness	Up to 12,800 lm
	CCT (Correlated Color Temperature)	3,000K-5,700K
Operation profile	Programmable, depend on solar radiation.	
Operation Temperature	-4°F- 131°F	
Pole Height	Up to 30 Ft	

Uses and Applications Guide

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



Ordering Guide: EXAMPLE: HIGHLIGHT SPSTLH-A-100W-30W-3-30K—60AH-GR-16FT-1-00

Model	Solar Panel Quantity	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery capacity	LED Body color	Pole Height	Arm	Options
HIGHLIGHT SPSTLH	A-1 panel	60W	30W	3 – Type III	30K	30AH	GR- Grey BR- Brown *other colors are available	16ft	1- Single 2-Dual	00 – No motion sensor 01 – With motion sensor
	B-2 panels	80W	40W		40K	60AH		20ft		
	C-3 panels	100W	50W		50K	100AH		25ft		
	C- 4 Panels	120W	60W		57K	120AH		30ft		
		200W	80W		150AH					



*Up on request