

HIGHLIGHT SPSTLH

Specifications



Why us?

Innovative Technology

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

Photometric

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

Versatile Lighting

We design and install solar-powered lighting systems tailored for all kinds of locations such as streets, parks, pathways, homes, etc.

Global Reach

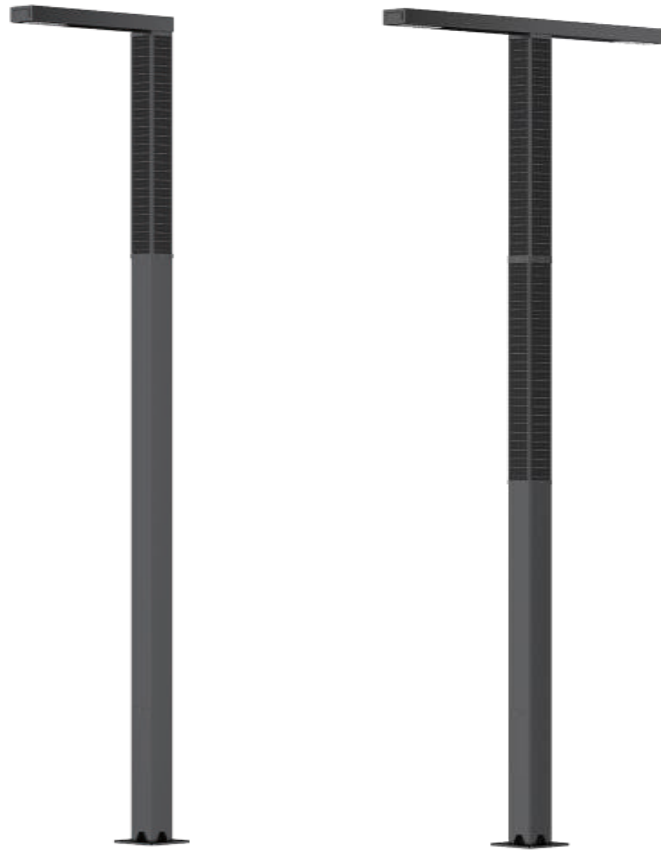
Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

These solutions enhance safety, promote sustainability and provide significant energy and cost savings.

Warranty

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



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.

Technical specification

Solar Module Parameters	Type	Monocrystalline silicon
	Power	Up to 800W(4x200W each)
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO	Up to 150AH
LED Light Parameters	Light Source Power	80W (Up to 12,800 lm)
	CCT (Correlated color temperature)	3,000K-5,700K
	Distribution Type	Type III
Control Modes	Manual ON/OFF / Automatically ON/OFF / Time Control	
Operation profile	Programmable, Dusk to dawn (Depend on solar radiation)	
IP Rating	IP65	
Operation Temperature	-4°F~131°F	
Pole Height	Up to 30FT	



SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Streets Lighting	V
Parking Lots	V
Residential Roads	V
Public Parks	V
Walking/bike path	V

ORDERING GUIDE

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

Model	Solar Panel Qty.	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery capacity	LED Body Color	Pole Height	Arm	Option
HIGHLIGHT SPSTLH	A – 1 panel	60W	30W	3 – Type III	30K	30AH	GR- Grey	16FT	1 – Single arm	00- Without motion sensor
	B – 2 panels	80W	40W		40K	60AH		20FT	2 – Dual arm	01- With motion sensor
	C – 3 panels	100W	50W		50K	100AH		25FT		
	D – 4 panels	120W	60W		57K	120AH		30FT		
	E – 5 panels	200W	80W			150AH				

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