## HIGHLIGHT SPSTLH





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**

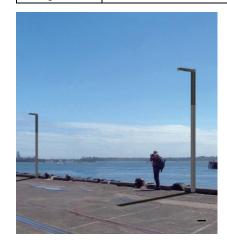
- Low installation and maintenance costs.
- Weather-proof and UV- proof.
- IP Rating IP65
- High LED performance
- LED's operation life time over 70,000 hours.
- · Light dimming engine.
- LED strings shunt protection.
- Battery inside pole.
- · Wind- resistant and self cleaning.
- Coated with electrostatic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

#### **Uses and Applications Guide**

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

## **Technical Specifications**

Solar Module	Туре	Monocrystalline Silicon				
Parameters	Power	Up to 800	)W(4 x 200W each)			
Solar Charge Controller Parameters	Туре	МРРТ				
Battery type and parameters	LifePO4	Up to 150AH				
LED Light Parameters	Light Source Power		Up to 80W			
	Brightness		Up to 12,800 lm			
	CCT (Correlated Color Tempera	ature)	3,000K-5,700K			
Operation profile	Programmable, depend on solar radiation.					
Operation Temperature	-4°F-131°F					
Pole Height	Up to 30 Ft					



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

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



\*Up on request