

# HIGHLIGHT SPSSB



The SolarPath HIGHLIGHT SPSSB™ 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.
- Approved by IDA.

## Technical Specifications

Solar Module Parameters	Type	Monocrystalline Silicon
	Power	Up to 720W(4 x 180W each)
Solar Charge Controller Parameters	Type	MPPT
	Battery type and parameters	LifePO4 Up to 150AH
LED Light Parameters	Light Source Power	Up to 80W
	Brightness	Up to 12,000 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 SPSSB-A-180W-FLA-30W-1-30K—60AH-GR-16ft-00

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



\*Up on request

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