



The SolarPath HIGHLIGHT SP-DSBL™ 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

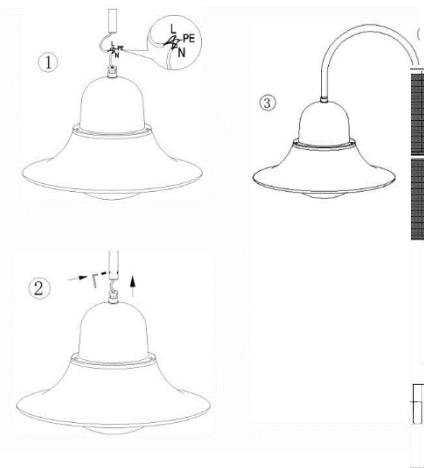
- Low installation and maintenance costs.
- Weather-proof and UV- proof.
- IP Rating IP66
- High LED performance
- LED's operation life time over 70,000 hours.
- Light dimming engine.
- LED strings shunt protection.
- Battery inside pole.
- Wind- resistant and self cleaning.
- Coated with electrostatic spray for anti-salted, anti-acid, rust resistant.
- Material: die cast aluminum reflector and flat or lenticular tempered glass cover.
- IDA Approved.

Technical Specifications

Solar Module Parameters	Type	CIGS Flexible Module
	Power	Up to 510W
Solar Charge Controller Parameters	Type	MPPT
	Battery type and parameters	Up to 150AH
LED Light Parameters	Light Source Power	Up to 60W
	Brightness	Up to 7,404 lm
	CCT (Correlated Color Temperature)	3,000K-6,500K
Operation profile	Programmable, depend on solar radiation.	
Operation Temperature	26.6°F-113°F	
Pole Height	Up to 25 Ft	

Uses and Applications Guide

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



Ordering Guide: EXAMPLE: HIGHLIGHT SP-DSBL -A-180W-FLA-30W-1-30K—60AH-GR-00

Model	Solar Panel Quantity	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery capacity	Pole Height	LED Body color	Options
HIGHLIGHT SP-DSBL	A-1 panel	80W	20W	2 – Type II	30K	60AH	16Ft	BLK- Black *other colors are available	00 – No motion sensor 01 – With motion sensor
	B-2 panels	105W	30W	5- Type V	40K	100AH	20Ft		
	C-3 panels	120W	40W		50K	120AH	25Ft		
		170W	50W		65K	150AH			



*Up on request

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