



The SolarPath HIGHLIGHT SP-SDMF™ 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. 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 Specifications

Solar Module Parameters	Type	Monocrystalline solar panel	
	Power	38W	
Solar Charge Controller Parameters	Type	MPPT	
Battery type and parameters	LiFePO4	Up to 12AH/12.8V	
LED Light Parameters	Light Source Power	Up to 18W	
	Brightness	Up to 2,300 lm	
	CCT (Correlated Color Temperature)	3,000–6,000K	
Operation profile	Dusk to dawn (dim per to solar radiation)		
LED head material	Die-casting aluminum		
Pole Height (Recommended)	Up to 12FT		
Pole not included			

Advantage

- Monocrystalline solar panel
- Maintenance free.
- High LED performance.
- Controller: Internal battery over-charge and dis-charge
- IP65

Uses and Applications Guide

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



Ordering guide:

Example: HIGHLIGHT SP-SDMF-38W-18W-30K-12AH-9FT-BLK-01

Model	Solar panel	LED Power	Color Temp	Battery capacity	Pole height	Body color	Option
SP-SDMF	38W	18W	30K 40K 60K	12AH	9' 12'	BLK-Black	01- Motion sensor



*Up on request