



The SolarPath HIGHLIGHT SP-OPTC<sup>™</sup> is the premier LED solar illumination technology in its class today. Ultra-bright/High Intensity LED lighting means a total lighting solution for any need. The solar panel is wrapped and can be installed on a new or an existing pole. It is new technology. This product has both a solar engine and a LED light. The battery and controller are inside pole which allow this product to be used for, roads, parking lot, pathway, etc. The lighting fixture can be used up to 80W and can be controlled via remote control.

## **Technical Specifications**

Solar Module	Туре	High-efficiency Monocrystalline Silicon			
Parameters	Power	Up to 540W			
Solar Charge Controller	Туре	MPPT (Maximum Power Point Tracking), infrared solar charging controller			
Parameters					
Battery	LifePO4	Up to 54AH			
LED Light	Light Source Power	Up to 80W (Up to 13,000 lm)			
Parameters	CCT (Correlated Color Temperature)	3,000K-6,000K/Amber			
	Color Rendering Index (CRI)	≥81			
Control Modes	Manual ON/OFF / Automatically ON/OFF / Time Control				
Operation mode	Depend on installation area, can be programed with remote control,				
IP Rating	IP67				
	light body	Depend On LED power			
Product size	solar panel	Depend On Solar Panel wattage			
NT 1.	light body	Depend On LED power			
Net weight	solar panel	Depend On Solar Panel Wattage			



- Can be installed on existing pole.
- Low installation and maintenance costs.
- Folding solar panel.
- IP 67 Rating.
- Solar powered outdoor lighting.
- Battery, solar controller are built inside of light.
- Good appearance, small size and
- lightweight, easy to install.Rust-proof, dustproof and waterproof.
- Rust-proof, dustproof and waterproof.
   Energy saving 100% generated from solar less power consumption than traditional.

## Uses and Applications Guide

Parking lots	
Residential roads	
Public parks	
Sports lighting	





## Ordering Guide

## EXAMPLE: HIGHLIGHT SP-OPTC -A-100W-A-30W-5-30K-24AH-BLK-00

Model	Solar Panel Quantity	Solar Panel	Led Power	Distribution Type	Led Color Temp.	Battery options	LED Body Color	Motion sensor
HIGHLIGHT SP-OPTC	A - 1 B - 2 C - 3	100W 120W 150W 180W	30W 40W 50W 60W 80W	3 – Type III 5 – Type V	30K 40K 60K Amber	12AH 18AH 24AH 30AH 36AH 42AH 48AH 54AH	BLK- Black	00 – no motion sensor 01 – motion sensor



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