

HIGHLIGHT SP-RLX-SPL

Specifications



Why us?

Innovative Technology

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

Photometric

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

Versatile Lighting

We design and install solar-powered lighting systems tailored for all kinds of locations such as streets, parks, pathways, homes, etc.

Global Reach

Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

These solutions enhance safety, promote sustainability and provide significant energy and cost savings.

Warranty

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



The design of the Flag Pole and absorbs energy from the universe and combines it with high efficiency solar panels and LEDs. It adopts advanced technologies such as microcontroller, which combines with integrated design to achieve multiple features such as low power consumption. This allows for high brightness, long lifespan and maintenance free. This also allows for waterproof functionality and great thermal dissipation.

Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 100W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 12AH
	Battery enclosure	Integrated in solar panel
LED Light Parameters	Light Source Power	Up to 10W each (Up to 2,000lm)
	CCT (Correlated color temperature)	3,000K-6,000K
	CRI (Color rendering index)	≥82
	Input Voltage	DC24V
Working Mode	Programmable, depend on solar radiation.	
IP Rating	IP65	
Material	Aluminum Die-casting + Stainless steel	

USES AND APPLICATIONS GUIDE

Flag poles

Key features:

- Low installation and maintenance costs.
- Replaceable Battery.
- IP65 Rating.
- Light dimming engine.
- Led's operating life time over 100,000 hours at maximum output.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical applications.
- Aluminum housing for efficient heat dissipation.

ORDERING GUIDE

Ordering Guide: HIGHLIGHT-SP-RLX-SPL-15W-3W-A-30K-6AH-BLK-PMB-UB

Model	Solar Panel	LED Power	LED Qty.	LED Color Temp	Battery Options	Solar panel body Color	Solar panel installation options	LED Installation options
HIGHLIGHT-SP-RLX-SPL	15W	3W	A- 1 pc	30K	6AH	BLK- Black	PMB- Pole mounting bracket	UB- U-bracket
	30W	5W	B- 2 pcs	40K	12AH			
	60W	10W	C- 3 pcs	50K	24AH			
	100W		D- 4 pcs	60K				

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