

HIGHLIGHT SP-NEON-L

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 Lightning

We designs and install solar-powered lightning systems tailored for all kind of locations such as streets, parks, pathways, homes, etc.

Global Reach

Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

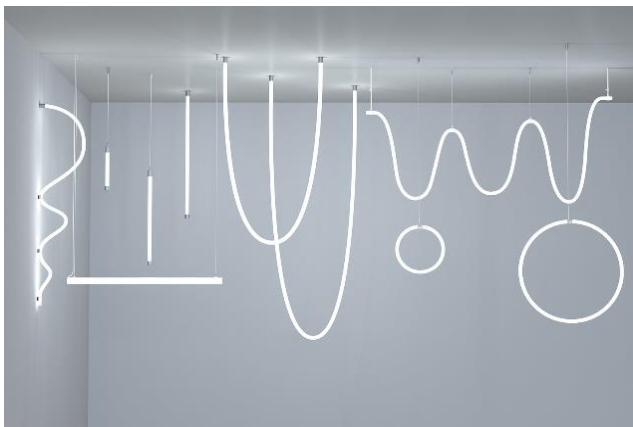
These solutions enhance safety, promote sustainability and providing significant energy and cost saving.

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 SolarPath HIGHLIGHT SP-NEON-L™ 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. This product has both a solar engine and with Neon light. The HIGHLIGHT SP-NEON-L's battery and control is attached to solar panel which allows this product to be used for gardens.



Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 240W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 520AH
	Battery enclosure	Integrated in lighting fixture
L”ED Light Parameters	Light Source Power	Up to 100W (3.28”/10W)
	Roll Length	Up to 6.56’ (Can be customized)
	CCT (Correlated color temperature)	3,000K-6,000K/RGB
	CRI (Color rendering index)	≥80
	Input Voltage	DC12V-24V
Working Mode	Programmable, depend on solar radiation.	
IP Rating	IP67	
Material	Aluminum Die-casting + Stainless steel	

USES AND APPLICATIONS GUIDE

Gardens

Parks

Trees

Walls

Key features:

- Low installation and maintenance costs.
- Replaceable Battery.
- IP67 Rating.
- High performance with 110lm/w.
- Light dimming engine.
- Led's operating life time over 100,000 hours at maximum output.
- Ideal for solar or energy saving electrical applications.
- Aluminum housing for efficient heat dissipation

ORDERING GUIDE

Ordering Guide: HIGHLIGHT SP-NEON-L-50W-A-A-10W-30K-20AH-BLK-TM

Model	Solar Panel	Section Qty.	Length	LED Power	LED Color Temp	Battery Options	Solar panel finish	Solar panel installation options
HIGHLIGHT SP-NEON-L	50W	A – 1 pc	A - 6.56"	10W	30K	20AH	BLK- Black	TM- Tree mounting (Ring)
	75W	B – 2 pcs	B – 13.12"		40K	41AH		PM- Pole mounting
	100W	C – 3 pcs	C – 16.68"		50K	52AH		
	175W	D – 4 pcs	D – 26.24"		60K	67AH		
	240W	E – 5 pcs	E – 32.80"		RGB	135AH		

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