

HIGHLIGHT SP-RDRGBL

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 SolarPath HIGHLIGHT SP-RDRGBL™ 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 specification

Solar Module Parameters	Type	Monocrystalline solar panel
	Power	Up to 40W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 48AH
LED Light Parameters	Light Source Power	Up to 20W (Up to 2,679 lm)
	CCT (Correlated color temperature)	4,000K/6,000K/RGB
Operation profile	Dusk to dawn (dim per to solar radiation)	
	Operation with remote control	
	ON/OFF	
	3H/5H	
Function	Intelligent light control+ remote control+ Bluetooth music rhythm	
IP Rating	IP65	
LED head material	Die casting AL + PC(Anti-UV)	
Fixture dimension (pole not included)	9.76" x 22.83" x 3.07"	



SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Branch roads

Residential Roads

Public Parks

Walking/bike path

ORDERING GUIDE

Ordering Guide: EXAMPLE: SP-RDRGBL-32W-15W-40K-40K-32AH-SLV

Model	Solar Panel	Led Power	Led Color Temp	Battery capacity	Body Color
SP-RDRGBL	32W	15W	40K	32AH	SLV- Silver
	40W	20W	60K	48AH	*Other colors are available up on request
			RGB		

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