

HIGHLIGHT SP-RDGL 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-RDGL™ 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	25W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	36AH
LED Light Parameters	Light Source Power	15W (Up to 1,900 lm)
	CCT (Correlated color temperature)	3,000K/6,000K
Operation profile	Dusk to dawn (dim per to solar radiation)	
IP Rating	IP65	
LED head material	Die-casting aluminum Led Light head + PC	
Pole height (Recommended) (pole not included)	Up to 13 FT	

SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Branch roads

Residential Roads

Public Parks

Walking/bike path

Street Lighting

ORDERING GUIDE

Ordering Guide: EXAMPLE: SP-RDGL-25W-15W-30K-36AH-8FT-BLK

Model	Solar Panel	Led Power	Led Color Temp	Battery capacity	Pole Height	Body Color
SP-SDMF	25W	15W	30K 60K	36AH	8FT 13FT	BLK- Black

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