

HIGHLIGHT SP-SBL-RX

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

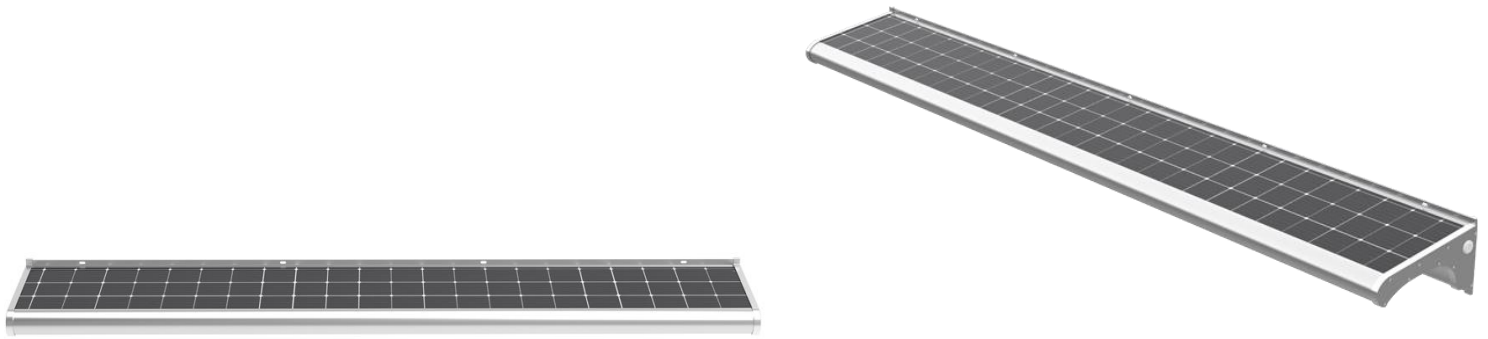
Worldwide success proves our adaptability and regulatory expertise.

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.



HIGHLIGHT SP-SBL -RX™ solar billboard light is the ideal LED solar illumination technology for billboard, signs applications. The system is operating automatic with maintenance free.



Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 50W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 15AH
LED Light Parameters	Light Source Power	Up to 10W (Up to 2,000 lm)
	CCT (Correlated color temperature)	3,000K-6,000K
	Dual CCT (Can change by push button)	
	CRI (Color rendering index)	≥82
Working Mode	First 4hr- 100% output, 3-4hrs 70% output, 5hrs – 25% output till dawn. Depend on solar radiation	
IP Rating	IP65	
Material	Aluminum Die-casting + PC	
Product size	Depend on LED and Panel wattage	

USES AND APPLICATIONS GUIDE

Billboards

Signs

Monuments

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.
- IDA Approved.

ORDERING GUIDE

Ordering Guide: HIGHLIGHT-SP-SBL-RX-10W-2W-30K-2AH-SLV-11.81"

Model	Solar Panel	LED Power	LED color temp.	Battery capacity	Body color	Fixture Length
SP-SBL-RX	10W	2W	30K	2AH	SLV-Silver	11.81"
	20W	4W	40K	5AH		23.62"
	30W	6W	50k	7AH		35.43"
	40W	8W	60K	10AH		47.24"
	50W	10W		15AH		59.05"

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