

HIGHLIGHT SP-LBL-U

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-LBL-U™ solar billboard light is the ideal LED solar illumination technology for billboard and signs applications. The off grid solar system is operating automatic with no maintenance.



Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 75W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 25AH
LED Light Parameters	Light Source Power	Up to 50W (Up to 10,000 lm)
	CCT (Correlated color temperature)	3,000K-6,000K
	Dual CCT (Can change by push button)	
	CRI (Color rendering index)	≥82
Working Mode	1hr-100%; 2hrs-80%; 3-4hrs-60%; 5hrs-25% till dawn Customize	
IP Rating	IP66	
Material	Aluminum Die-casting + Stainless steel	
Product size	Depend on LED and Panel wattage	

USES AND APPLICATIONS GUIDE

Billboards

Signs

Monuments

Key features:

- Low installation and maintenance costs.
- Replaceable Battery.
- Adjustable LED.
- IP66 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-LBL-U-15W-20W-3-30K-10AH-BLK

Model	Solar Panel	LED Power	Distribution Type	LED color temp.	Battery capacity	Body color	Options
HIGHLIGHT- SP-LBL-U	15W	20W	3- Type III	30K	10AH	BLK-Black	PTC-Auto-heat system
	30W	30W		40K	15AH		
	60W	40W		60K	22.5AH		
	75W	50W			25AH		

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