

# HIGHLIGHT SP-LBL

## 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.



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



## Technical specification

<b>Solar Module Parameters</b>	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 30W
<b>Solar Charge Controller</b>	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
<b>Battery</b>	LifePO4	Up to 3.7V/2200mAH
<b>LED Light Parameters</b>	Light Source Power	Up to 20W (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
<b>Working Mode</b>	1hr- 100%, 3hrs- 80%, 25% till dawn. Depend on solar radiation	
<b>IP Rating</b>	IP66	
<b>Material</b>	Aluminum Die-casting	
<b>Product size</b>	Depend on LED and Panel wattage	

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## USES AND APPLICATIONS GUIDE

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Billboards

Signs

Monuments

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### Key features:

- Low installation and maintenance costs.
- Replaceable Battery.
- 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-15W-10W-30K-2200mAh-BLK

Model	Solar Panel	LED Power	LED color temp.	Battery capacity	Body color
HIGHLIGHT-SP-LBL	15W	10W	30K	2,200mAh	BLK-Black
	30W	20W	40K		
			60K		

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