

HIGHLIGHT SP-SHBX

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.

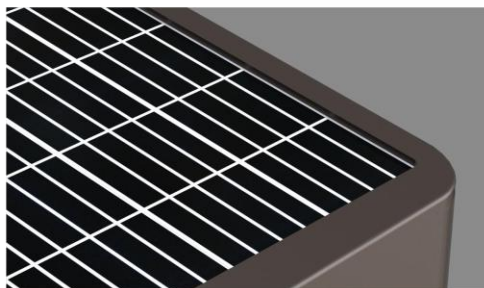


The SolarPath HIGHLIGHT SP-SHBX™ is the premier LED solar illumination technology in its class today. Ultra-bright/High Intensity LED lighting means a total lighting solution for any need. The solar panel built in the light and can be installed on a new or an existing pole. It is new technology. This product has both a solar engine and a LED light. The battery and controller are inside pole which allow this product to be used for, roads, parking lot, pathway, etc.

Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	30W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	20AH
LED Light Parameters	Light Source Power	20W (Up to 5,000 lm)
	CCT (Correlated color temperature)	3,000K/5,700K
	CRI (Color rendering index)	<u>>70</u>
Control Modes	Manual ON/OFF / Automatically ON/OFF / Time Control	
Working Mode	Depend on solar radiation. 5hrs-100% output; 20% (PIR) till dawn	
IP Rating/Anti-Corrosion	IP66/C4H	
Material	Aluminum Die-casting	

Key Features



Monocrystalline >21%



Switch /PIR motion sensor /Indicator light

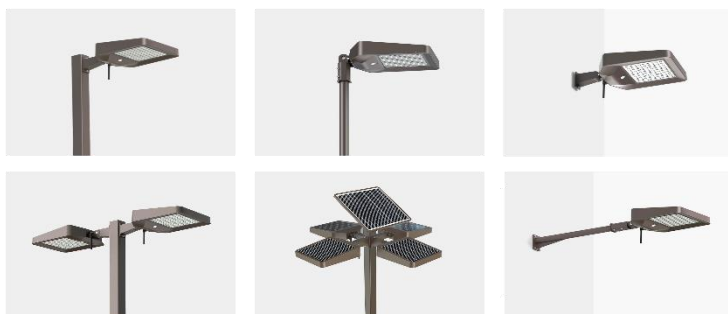


High lumen LEDs Up to 250lm/W



Bluetooth antenna and Adjustable bracket

Install Options



- Can be installed on existing pole.
- Low installation and maintenance costs.
- IP66 Rating.
- C4H Marine corrosion resistance
- Adjustable brackets
- Bluetooth antenna
- Good appearance, small size and lightweight, easy to install
- Battery, solar controller are built inside of light.
- Solar powered outdoor lighting
- High performance up to 250lm/W.

USES AND APPLICATIONS GUIDE

Streets Lighting	
Parking Lots	
Residential Roads	
Public Parks	
Sports Lighting	

ORDERING GUIDE

Ordering Guide: HIGHLIGHT SP-SHBX-30W-20W-2-30K-20AH-TP

Model	Solar Panel	LED Power	Distribution type	Led color Temp	Battery Options	Mounting Options
HIGHLIGHT SP-SHBX	30W	20W	2- Type II	30K 57K	20AH	TP- On top of a pole SF- Slip fitter WM- Wall mount



*Up on request

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