

HIGHLIGHT SUNBOX-N

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

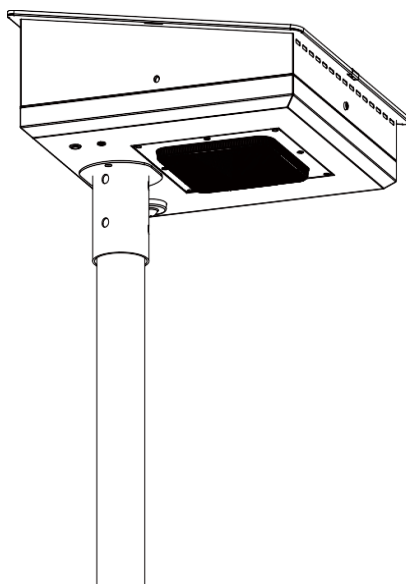
SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



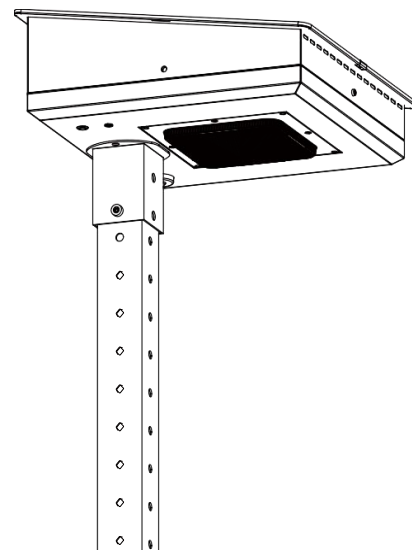
The SolarPath HIGHLIGHT SUNBOX-N™ is the premier LED solar illumination technology in its class today. Ultra-bright/High Intensity LED lighting means a total lighting solution for any need. The solar panel built in the light and can be installed on a new or an existing pole. It is new technology perfect to be used for bus stations.

Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	40W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	30AH
	Battery enclosure	Integrated in lighting fixture
LED Light Parameters	Light Source Power	16W (Up to 2,590 lm)
	CCT (Correlated color temperature)	3,000K-5,700K
	CRI (Color rendering index)	<u>>70</u>
Control Modes	Dusk to dawn/with remote control/motion sensor	
Working Mode	Depend on solar radiation.	
IP Rating/Anti-Corrosion	IP66/C4H	
Material	Aluminum Die-casting	



Round pole mounting





Square pole mounting

USES AND APPLICATIONS GUIDE

Streets Lighting	
Parking Lots	
Residential Roads	
Public Parks	
Sports Lighting	

ORDERING GUIDE

Ordering Guide: HIGHLIGHT SUNBOX-N-A-45W-12W-30K-230WH-WH-00-RB

Model	Solar Panel	LED Head Type	LED Power	Distribution Type	Led color Temp	Battery Options	Body Color	Options	Install options
Sunbox-N	40W	A -  B - 	16W	3 - Type III (LED B) 5 - Type V (LED A)	30K 40K 50K 57K	30AH	WH- White GR- Grey BZ- Bronze BLK- Black	00- No Motion sensor 01- With Motion sensor	RB- round pole bracket SB- square pole bracket

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