

HighLight SUNBOX™



The SolarPath HighLight SUNBOX™ Series is the ideal LED solar illumination technology for parking lot, street, pathway, perimeter and site lighting applications. Utilizing mesh networking, high output LEDs, and ultra-efficient solar panels—all while maintaining its compact design—the HighLight SUNBOX™ offers unparalleled balance of cost and performance.

Key features:

- Controller: Optically Control, Time Control, Anti-over discharge and Short-circuit Resistance
- Compact design for easy and safe installation
- Ultra-bright homogeneous LED light distribution
- Strong, weather-proof housing design
- Vandal resistant
- IP65 Rating.
- Recommended installation height 15ft (4.5m)

Uses and Applications Guide

Streets lighting	●
Parking lots	●
Boardwalks	●
Farms	●
Public parks	●
Access roads	●
Walking paths	●
Bus stations	●



Technical Specifications

Lighting and Operation

Lighting Technology	LED Light Technology
LED Power	Up to 35W
Brightness	Up to lumens 3,500 lm
Default color temperature	3,000K-6,500K
Available distribution types	Type II
Operation time	5 Hours 100% brightness, 20% till down.

Energy Collection and Storage

Solar panel type	High efficiency monocrystalline solar panel
Battery type	Li-ion Battery
Voltage/ Current	12.8V
Battery Capability	Up to 518WH
Working Mode	Automatically on/ off, optionally motion sensor

Body	Aluminum alloy , Polycarbonate
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Dimensions

Solar Panel	Dimensions (inch)
15W	15.1*15.1*4
24W	18.3*18.3*4
38W	21.2*21.2*4
50W	27.9*21.2*4

Ordering Guide: EXAMPLE: SUNBOX-A-15W-15W-1-30K-148WH-00

Model	Solar panel Quantity	Solar Panel	LED Power	Distribution type	Led color Temp	Battery Options	Options
Sunbox	A- 1 Panel	15W 24W 38W 50W	15W 22W 35W	2- Type II	30K 40K 50K 65K	148WH 222WH 333WH 518WH	00- Not required 01- Motion required

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