HIGHLIGHT SUNBOX™

SolarPath sun solutions

SUNBOX™
LIGHTING SYSTEM

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

Materials	
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. *Operation profile above are active depending to the solar radiation in the installation location, please consult with one of Solarpath representative.

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

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

*Up on request