



The SolarPath HighLight ALPHA™ 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. Whether the goal is large area or mid-size to major roadway clarity, our intense and bright full-spectrum lighting the HighLight ALPHA™ brings solar lighting performance and sustainability to the next level.

Key features:

- Compact design for easy and safe installation
- Ultra-bright homogeneous LED light distribution
- Strong, weather-proof housing design
- Vandal resistant
- Recommended installation height up to 40ft (12m)

Uses and Applications Guide

Mid-size roads	●
Streets lighting	●
Parking lots	●
Boardwalks	●
Farms	●
Public parks	●
Private gardens	●
Access roads	●
Walking paths	●
Bus stations	●



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Technical Specifications

Lighting and Operation

Lighting Technology	Estrema LED Street Light Technology
Brightness	up to 7,200 lumens
Color temperature	5,500°K (other may be available upon request)
Available distribution types	I, II, III, IV, V
Standard operation features	<ul style="list-style-type: none"> • Automatic day/night detection • Battery deep discharge and overcharge protection • False activation prevention logic • Computerized self-learning seasons change detection • Auto-adjusting battery charge algorithm according to ambient temperature sensing
Operation time	up to 72 hours (per charge cycle, programming dependent)

Energy Collection and Storage

Solar panel type	Mono Crystalline Silicon, 180W (Location Specific)
Battery type	Extreme temperature Deep Cycle AGM / Gel-Cell
Voltage / Current	12VDC

Materials

Body	Galvanized Steel/Stainless steel and Aluminum
Dimensions (main body)	L 55.86" W 25.98" H23.62"/L 1410mm W 660mm H600mm
Unit weight	Net: 235 lbs / 106 kg
EPA	13

Optional Features

ALPHA Control™ package	Allows full control of the system, alarms and event monitoring and statistical information transmission over long range, secure wireless connection.
ALPHA Secure™ package	Integrates a high resolution security camera in the fixture, transmitting scheduled or live feed over secured wireless connection to any location including smart phones, The AlphaSecure™ package also features motion detection alarming to a control center or mobile devices.
Integrated Motion sensor	Allows for flexible energy saving programming for location with low insolation levels and extreme weather conditions.

