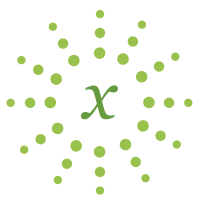


HighLight EXCEL™ - 1000



EXCEL™
LIGHTING SYSTEM

The SolarPath HighLight EXCEL™ Series is the ideal LED solar illumination technology for parking lot, street, pathway, perimeter and site lighting applications. Utilizing mesh networking and occupancy sensors, high output LEDs, and ultra efficient solar panels—all while maintaining its compact design—the HighLight EXCEL™ brings solar lighting to the next level.

Key features:

- Compact design for easy and safe self-installation
- Ultra-bright homogeneous LED light distribution
- Strong, weather-proof housing design
- Vandal resistant
- Recommended installation height up to 30ft (9m)

Uses and Applications Guide

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	1,000 lumens
Available distribution types	II, III
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, 40-50W (Location Specific)
Battery type	Extreme temperature Deep Cycle AGM / Gel-Cell
Voltage / Current	12VDC

Materials

Body	Stainless Steel and Aluminum
Dimensions (main body)	L28.35" W 30.3" H42.13" / L 72cm W 77cm H107cm
Dimensions (pole mount diameter)	Inner: 4.5" / 114.3mm
Unit Weight	121lbs / 55kg
EPA	6

Optional Features

EXCEL Control™ package	Allows full control of the system, alarms and event monitoring and statistical information transmission over long range, secure wireless connection.
Integrated Motion sensor	Allows for flexible energy saving programming for location with low insolation levels and extreme weather conditions.

