

# HighLight EXCEL™ 1000



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 installation
- Ultra-bright homogeneous LED light distribution
- Strong, weather-proof housing design
- Vandal resistant
- Recommended installation height up to 20ft (6m)
- Complies with Fish & Wildlife conservation regulations

### Uses and Applications Guide

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

### Technical Specifications

#### Lighting and Operation

Lighting technology	Estrema LED Street Light Technology
Brightness	up to 1,200 lumens
Default color temperature	5,500°K (other may be available upon request)
Available distribution types	II, III, IV, V
Standard operation features	<ul style="list-style-type: none"> <li>• Automatic day/night detection</li> <li>• Battery deep discharge and overcharge protection</li> <li>• False activation prevention logic</li> <li>• Computerized self-learning seasons change detection</li> <li>• Auto-adjusting battery charge algorithm according to ambient temperature sensing</li> </ul>
Operation time	up to 72 hours (per charge cycle, programming dependent)

#### Energy Collection and Storage

Solar panel type	Mono Crystalline Silicon, 50W (Location Specific)
Battery type	Extreme temperature Deep Cycle AGM / Gel-Cell
Voltage / Current	12VDC

#### Materials

Body	Galvanized steel and Aluminum
Dimensions (main body)	L28.35" W30.3" H42.13" / L72cm W77cm H107cm
Unit Weight	121lbs / 55kg
EPA	7.2
Packed dimensions	L40.55" W34.64" H18.30" / L1030mm H465mm W880mm
Gross packed weight	132lbs / 60kg

#### 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.



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