

# HighLight EXCEL™ 2000



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:

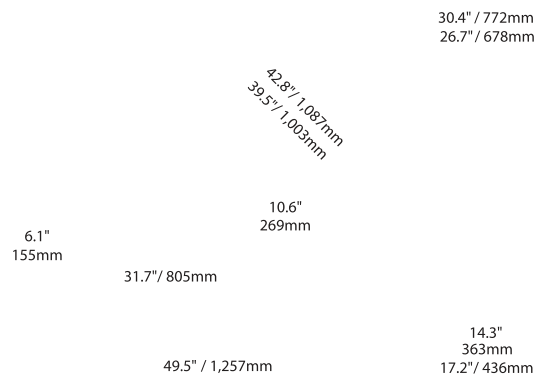
- Compact design for easy and safe installation
- Ultra-bright homogeneous LED light distribution
- Strong, weather-proof housing design
- Vandal resistant
- Recommended installation height up to 30ft (9m)
- Complies with Fish & Wildlife conservation regulations

### 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 2,400 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, 90W (Location Specific)
Battery type	Extreme temperature Deep Cycle AGM / Gel-Cell
Voltage / Current	12VDC
Materials	
Body	Galvanized steel and Aluminum
Dimensions (main body)	L49" W 25.6" H55" / L124.5cm W65cm H140cm
Unit Weight	143lbs / 65kg
EPA	9
Packed dimensions	L57.3" W 29.5" H18.3" / L 1455mm W 750mm H465mm
Gross packed weight	165lbs / 75kg
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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