

HIGHLIGHT BELL



The SolarPath HIGHLIGHT BELL™ 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.

This product has both a solar engine and a street light. The HIGHLIGHT BELL's battery and control is on the LED head which allows this product to be used for parks, roads, path. Once the product is installed, it can be controlled via a remote control.

Key features:

- Low installation and maintenance costs.
- IP67 Rating.
- High LED performance 1W/140lm.
- Light dimming engine.
- Led's operating life time over 150,000 hours at maximum output.
- Dedicated optical lens per LED for enhanced spread and uniformity.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical applications.
- Battery enclosure
- Aluminum housing for efficient heat dissipation
- IDA Approved

Uses and Applications Guide

Mid-size roads	●
Boardwalks	●
Farms	●
Public parks	●
Access roads	●
Walking paths	●
Roads	●

Ordering Guide: EXAMPLE: HIGHLIGHT-BELL-A-50W-SLA-25-1-30k-A-50AH-GR-1-00

Model	Solar Panel Quantity	Solar Panel	LED Power	Distribution type	LED Color Temp	Battery qty.	Battery Options	Arm	Body Color	Options
bell	A- 1 Panel	50W	20W	1- Type I	30K	A- 1	50AH	1 - Single 2 - Double	GR - Grey BLK- Black BZ- Bronze WH- White Custom	00 - not required 01 - motion sensor 02 - AC- Hybrid
	B- 2 Panels	65W	40W	2- Type II	40K	B- 2	75AH			
	C- 3 Panels	85W	60W	3- Type III	50K	C- 3	80AH			
	D- 4 Panels	100W	80W	4- Type IV	57K	D- 4	100AH			
			125W	90W	5- Type V		150AH			
			135W	105W			180AH			
			180W	120W						
		200W	135W							

Technical Specifications

Lighting and Operation

Lighting Technology	LED Street Light Technology
Brightness	Up to 14,837 Lumen
Color temperature	5,500°K (other may be available upon request)
Available distribution types	I, II, III, VI, 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)

Mount at top/middle or in ground pole (depends on battery weight)
Battery enclosure.

Energy Collection and Storage

Solar panel type	Mono/ Poly Crystalline Silicon, Up to 600W
Battery type	Extreme temperature Deep Cycle AGM / Gel-Cell
Voltage / Current	12VDC/24VDC

Materials

Body	Galvanized Steel/Stainless steel and Aluminum
Dimensions (main body)	Depends on configuration
Unit weight	Depends on configuration
EPA	Depends on configuration
IP Rating	IP67

Optional Features

Integrated Motion Option	Allows for flexible energy saving programming for location with low insolation levels and extreme weather conditions.
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*Up on Request

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