

HIGHLIGHT HL-FL-AUR

Specifications



Why us?

Innovative Technology

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

Photometric

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

Versatile Lighting

We design and install solar-powered lighting systems tailored for all kinds of locations such as streets, parks, pathways, homes, etc.

Global Reach

Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

These solutions enhance safety, promote sustainability and provide significant energy and cost savings.

Warranty

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



The SOLARPATH HIGHLIGHT HL-FL-AUR™ 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 flood light. The HL-FL-AUR's battery and control is on the LED head which allows this product to be used for field, sign, warehouses, roofs and on walls. Once the product is installed, it can be controlled via a remote control.



Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 200W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 680WH
LED Light Parameters	Light Source Power	Up to 60W (Up to 8,400 lm)
	CCT (Correlated color temperature)	3,000K-5,700K
	Distribution type	Type III
Operation Time	Up to 72 hours (per charge cycle, programming dependent)	
Standard Operation	<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 	
IP Rating	IP67	
Integrated Motion Option	Allows for flexible energy saving programming for location with low insolation levels and extreme weather conditions.	
Body Material	Galvanized Steel/Stainless steel and Aluminum	
Solar panel enclosure	Mount on the ground, on a roof, on a wall, on pole	

SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Warehouses

Tents

Monument

Signs


Gardens

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

ORDERING GUIDE

Ordering Guide: EXAMPLE: HL-FL-AUR-A-A-45W-A-15W-3-30K-192WH-GR-00

Model	Solar Panel Quantity	LED Quantity	Solar Panel	LED Head	LED Power	Distribution type	LED Color Temp	Battery Options	Body Color	Options
HL-FL-AUR	A- 1 Panel	A – 1 pc	45W	 A –	15W	3 - Type III	30K	192WH	GR - Grey	00 - not required
	B- 2 Panel	B – 2 pcs	60W 80W 100W 120W 140W 180W 200W		20W 30W 50W 60W		40K 50K 57K	312WH 460WH 680WH		01 - motion sensor

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