

HIGHLIGHT HL-SL-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.

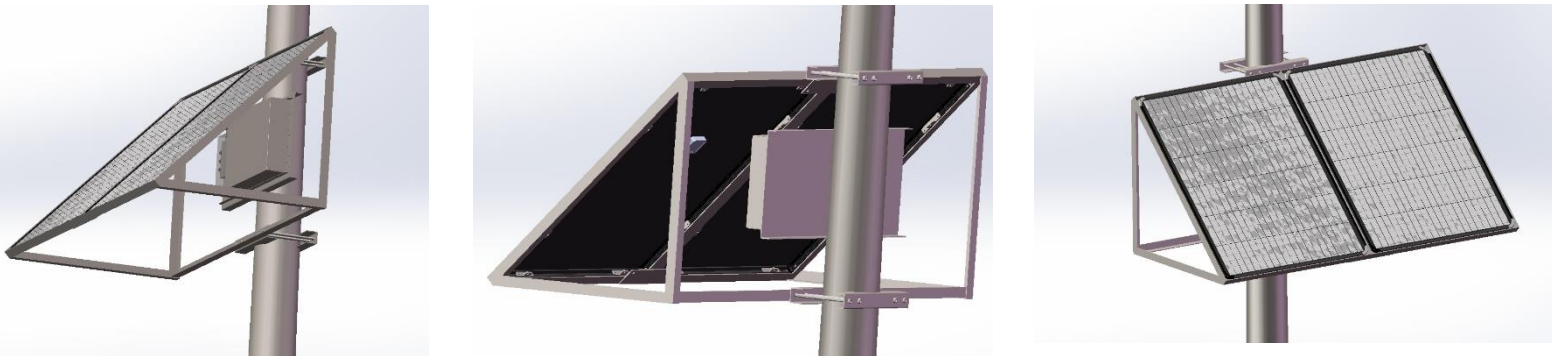
Warranty

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.

Top mounting solar panel



Side mounting solar panel



The SolarPath HighLight HL-SL-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 street light. The HL-SL-AUR's battery and control is attached to solar panel which allows this product to be used for parks, roads, path. 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 300W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 102AH
LED Light Parameters	Light Source Power	Up to 200W (Up to 33,000 lm)
	CCT (Correlated color temperature)	2,500K-5,500K
	Distribution type	Type II, 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	IP66	
Integrated Motion Option	Allows for flexible energy saving programming for location with low insolation levels and extreme weather conditions.	
Product Size	Light Body	Depend On LED power
	Solar Panel	Depend On Solar Panel wattage
Net Weight	Light Body	Depend On LED power
	Solar Panel	Depend On Solar Panel wattage



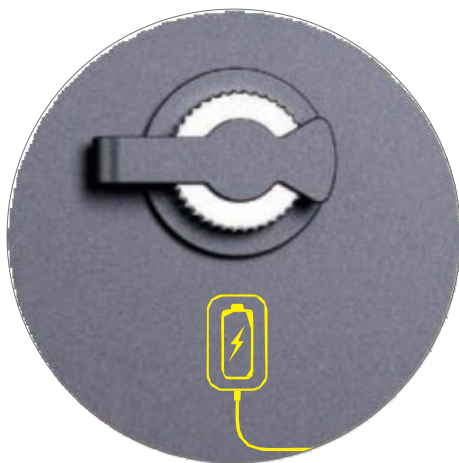
Tool-free access



FIXTURE FEATURES

- System Light Efficacy 170~175LPW with high performance LED chips.
- Highly efficient monocrystalline silicon photovoltaic panels.
- Solar powered-No need for any other power supply or electrical cabling.
- Easy to Install and Maintain.
- Automatic dusk to dawn operation(or timer options).

A DC charge port is offered as an option to be integrated into HL-SL-AUR, ensuring the battery remains charged even during extended periods in the warehouse. No more worrying about flat batteries when you need them the most. Embrace the continuous and dependable lighting with our state-of-the-art HL-SL-AUR solar street light.

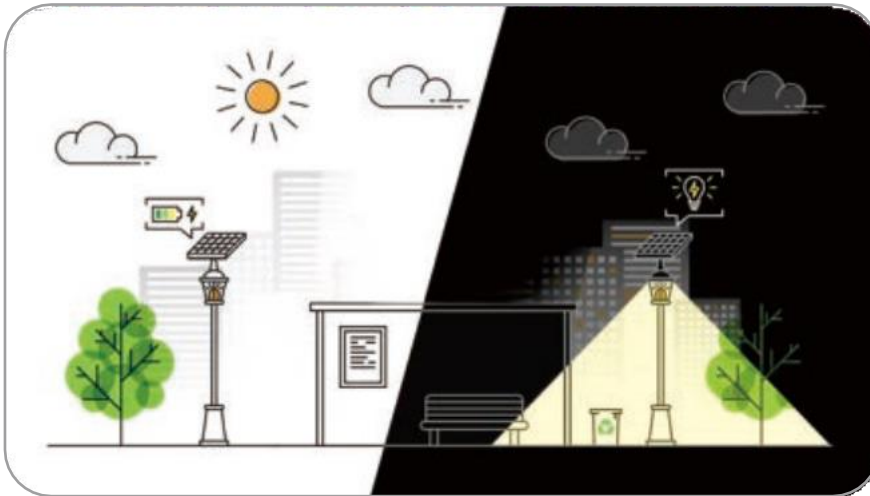


- Only top quality mono - crystalline silicon solar panels with high efficiency and long lifetime are used.
- Highly efficient controller to charge your batteries and intelligent microprocessor-controlled algorithms for light management ensure maximum uptime.
- Quality lithium batteries are used to store the energy, provide energy for immediate requirements, and enable a back-up for days when there is little or no sun.
- High Lumen LED for maximum efficacy. Dedicated designed low-voltage solar controller technology with dimming capabilities for power-save management. Lifetime > 50,000hrs and CRI nominal 70.
- Microprocessor managed algorithms autonomously determine sunrise and sunset

OPERATION MODE



The solar panels absorb the sunlight energy, then transmit it to electricity and store it in the battery during the day. Generally, solar panels convert average 20% of sunlight energy into electrical energy



At night, the stored electrical energy power the light under the PIR sensor working mode: Keep 10% power lighting when nobody around, 100% full power lighting when people or car coming. The light turns off when the sun rise up, and the day/night operation cycle starts again.

BUILT TO LAST

A top-quality streetlight fixture built to withstand all conditions, and to cope with physical impact and vibration.

One-piece die-cast aluminum housing with integral mounting for strength and durability.

Optics:

Optical systems for outdoor luminaires must be designed to satisfy several criteria in terms of luminaire performance. With a variety of light distributions, HL-SL-AUR series light engine features best in class optical performances. It is designed for convenience and economics, achieving wide column spacing, excellent uniformity plus no waste or obtrusive light.

Tool Free :

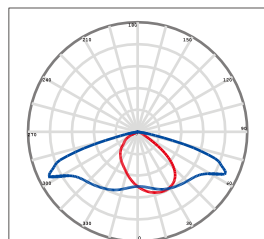
Tool free design, the back of the lamp can be opened by hand, which is easy to repair, installation and replacement.

Installation:

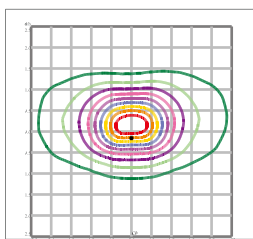
Easy to install without buying cables and rectifiers, directly on pole with an adjustable spigot 0°~90°.

PHOTOMETRIC

80×150° (TYPE II -M)

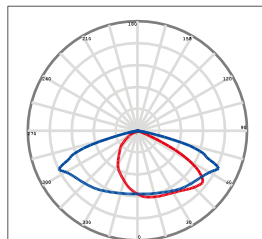


— 0.0~180.0
— 90.0~270.0

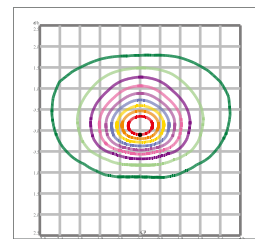


Mount Height(m): 4/12'

90×150° (TYPE III -S)

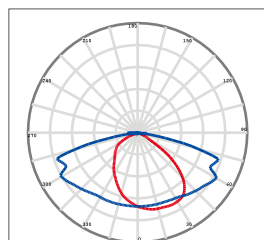


— 0.0~180.0
— 90.0~270.0

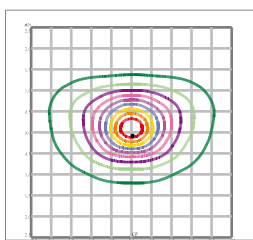


Mount Height(m): 4/12'

90×155° (TYPE II -S)

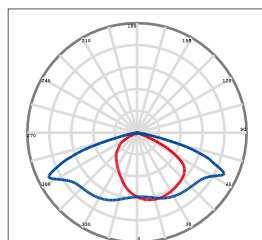


— 0.0~180.0
— 90.0~270.0

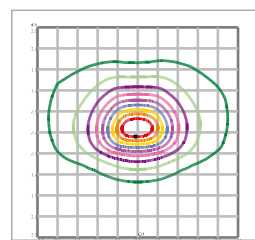


Mount Height(m): 4/12'

100×150° (TYPE III -M)



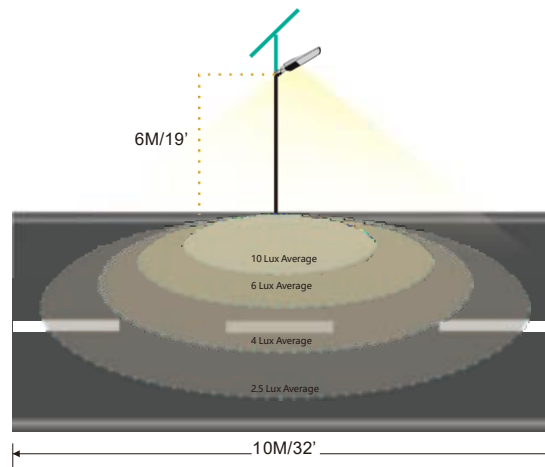
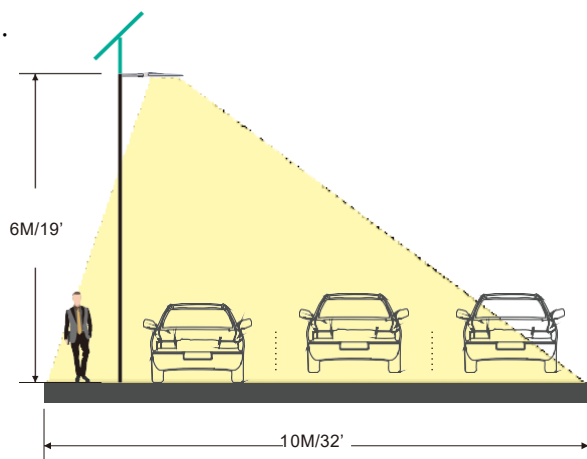
— 0.0~180.0
— 90.0~270.0



Mount Height(m): 4/12'

LIGHT DISTRIBUTION

Solarpath in development with Lumileds have created a new LED lens that provides greater luminous uniformity and offers the ultimate in design flexibility. The beam pattern is perfect for lanes, pedestrian promenades, bicycle paths as well as minor roads and car parks. As an added service, Solarpath also has its own internal lighting design team that use the latest Lighting Simulation software for projects requiring calculation of lighting levels and photo-metric reports. This will ensure that the correct quantity of fittings, pole heights and spacings are offered for our customers specific needs.



SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Streets Lighting

Parking Lots

Residential Roads

Public Parks

Sports Lighting

ORDERING GUIDE

Ordering Guide: EXAMPLE: HIGHLIGHT HL-SL-AUR-A-30W-20W-2-25K-18AH-1-GR-SP-00

Model	Solar Panel Qty.	Solar Panel	LED Power	Distribution type	LED Color Temp	Battery Options	Arm	Body Color	Solar Panel Mounting	Options
HL-SL-AUR	A – 1pc	60W	20W	2- Type II	25K	18AH	1 - Single Arm	GR – Grey	SP- Slip Fitter	00 - No motion sensor
	B – 2pcs	90W	30W	3- Type III	30K	30AH	2 - Dual Arm	BLK- Black	SD- Side mounting	01 - With motion sensor SH - Shield
		120W	40W		40K	36AH				
		160W	50W		55K	42AH				
		250W	60W			60AH				
		300W	70W			90AH				
			80W			100AH				
			90W							
			100W							



*Up on request

Legal Clarification: All technical information and/or products listings and/or technical support, and/or any kind of graphics, illustrations and/or instructions and/or the names, trade names, trademarks, trade symbols, service marks, logos, icons and trade dress of SolarPath Inc or in connection to SolarPath Inc or any of its selling products, contained herein is in the exclusive ownership of SolarPath Inc and may not be alternated and/or used in any manner including but not limited to copy of some or all of the said material by users and/or viewers or any third party for that matter of this document and the website to which it is linked without the express prior written permission of SolarPath Inc. Furthermore, redistribution or any kind of commercial use or alternation or any kind of use other than downloading presented information in some or all contents of downloadable documents, and/or downloadable contents, is strictly prohibited without express written prior permission. All information set out herein is subject to changes as may occur from time to time. SolarPath Inc is not responsible for, and cannot guarantee and shall not be held liable for any information or the accuracy of such in websites that it does not manage



Contact us



+1.201.490.4499

Toll free: 1.888.333.SOLAR (7652)



contact@solarpathusa.com



www.solarpathusa.com