

HIGHLIGHT SP-ASDL 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

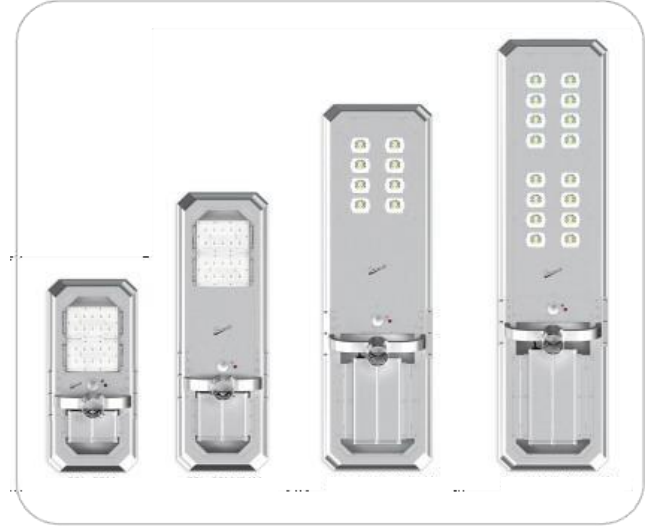
Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

These solutions enhance safety, promote sustainability and providing significant energy and cost saving.

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.



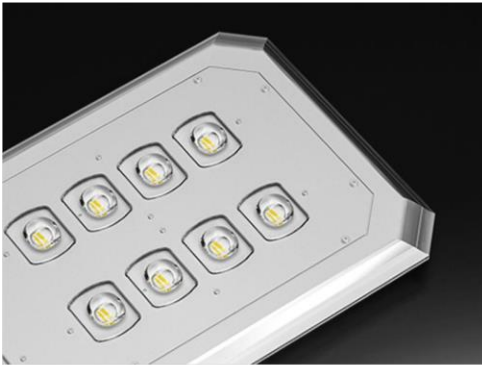
The design of solar street light / courtyard light absorbs energy from the sun, and combines it with high efficiency solar panel, LEDs, and Lithium battery. It adopts advantage technics such as micro-controller, human infrared sensor and so on and combines with integrated design to achieve multiple features such as low power consumption but high brightness, long lifespan and maintenance free, meanwhile with waterproof function and great thermal dissipation. The intelligent control can be reprogrammed from the ground with an infrared before and after install. It is one of our great innovation patented products.



Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 75W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 46AH
	Battery enclosure	Integrated in lighting fixture
LED Light Parameters	Light Source Power	43W (Up to 10,000 lm)
	CCT (Correlated color temperature)	5,700K
	Distribution Type	Type II
	CRI (Color rendering index)	>70
Working Mode	Depend on solar radiation Always dim on 30% (PIR) till dawn 5hrs-100% output, 5hrs 25% output with motion sensor, then dim on 70% output till dawn Always dim on 70% output till dawn	
IP Rating	IP65	
Material	Aluminum , PC	

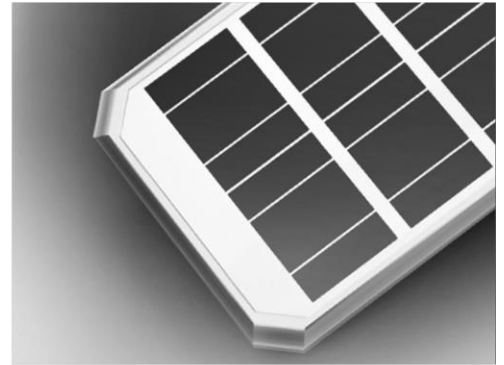
Fixture Details



High Lumen LEDs 230lm/W



Battery Pack
Easy to Maintain



Monocrystalline
Solar Charging Efficiency: >21%



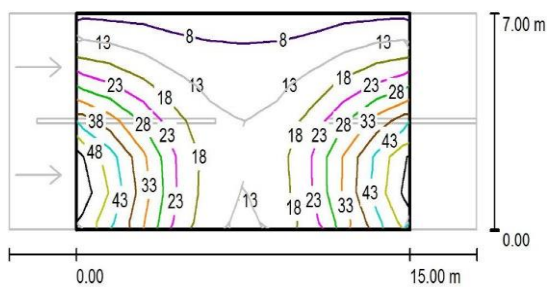
Bracket
Double Protection for Rust-Proof



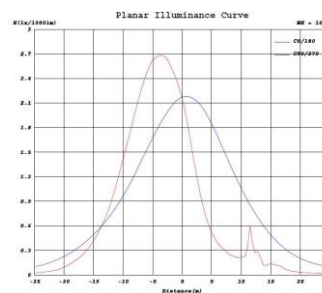
High Sensitivity PIR Sensor

Photometric

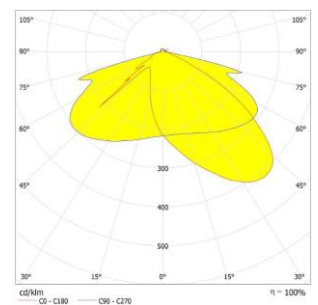
Road Simulated Diagram



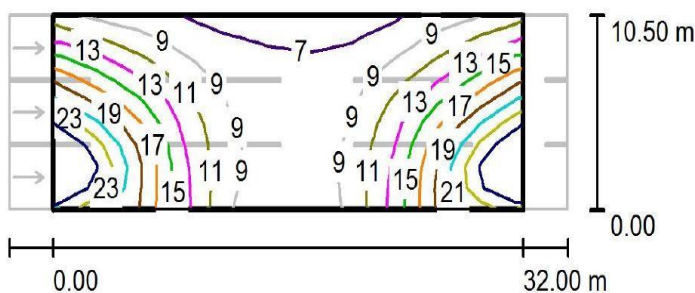
Illumination Curve



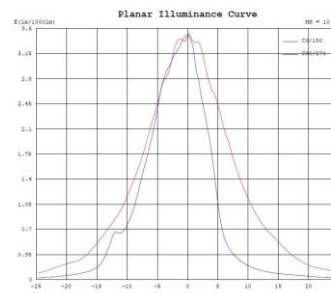
Luminance Distribution



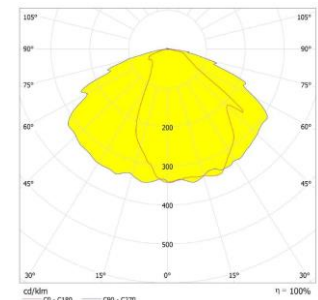
Road Simulated Diagram



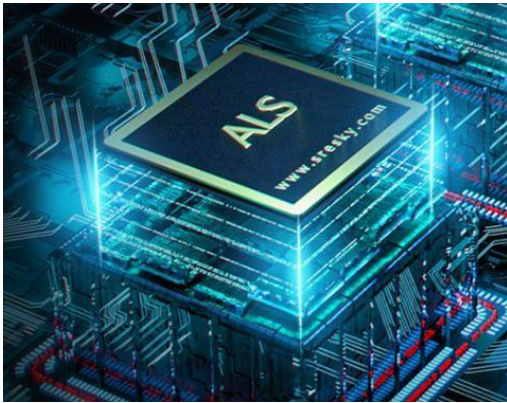
Illumination Curve



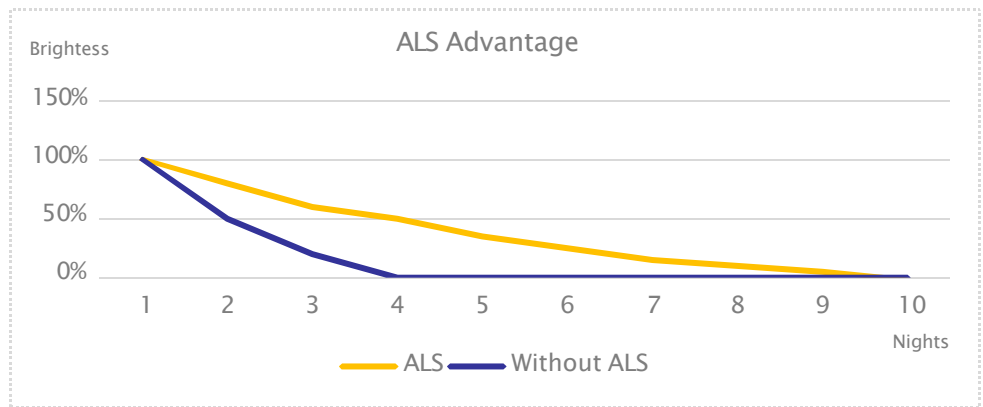
Luminance Distribution



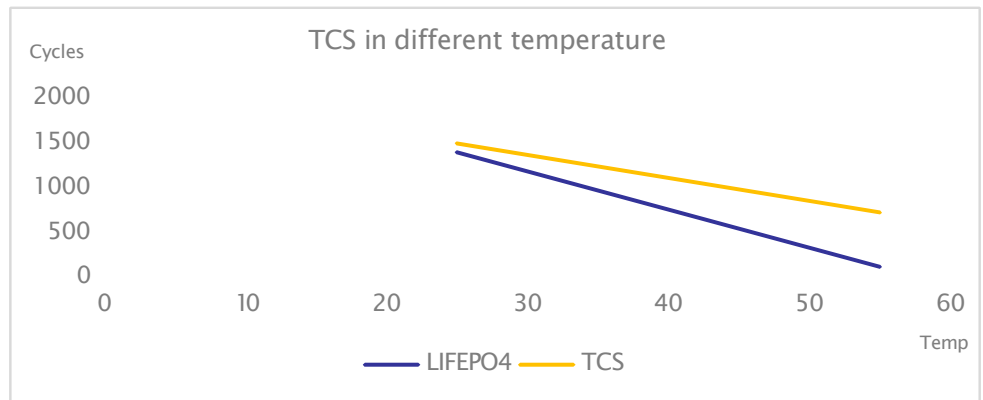
Core Technology



ADVANTAGE OF ALS



ADVANTAGE OF TCS



USES AND APPLICATIONS GUIDE

Streets Lighting

Parking Lots

Residential Roads

Public Parks

Sports Lighting

ORDERING GUIDE

Ordering Guide: HIGHLIGHT SP-ASDL-25W-8W-2-57K -10AH-SLV-SP-00

Model	Solar Panel	LED Power	Distribution type	LED Color Temp	Battery Options	Body Color	Mounting options	Options
HIGHLIGHT SP-ASDL	25W	8W	2- Type II	57K	10AH	SLV- Silver	SP- Slip Fitter UB- U-Bracket	00- No motion sensor 01-Motion sensor
	37W	17W			18AH			
	60W	26W			28AH			
	75W	34W			39AH			
		43W			46AH			

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