



Technical Specifications

The SolarPath HighLight SFPSL™ 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. Solar panel can rise up and fold for maximum energy absorption, a feature effective when the panel cannot be rotated. This product has both a solar engine and a streetlight. The battery and control are on the LED head which allows this product to be used for parks, roads and paths. Once the product is installed, it can be controlled via a remote control.

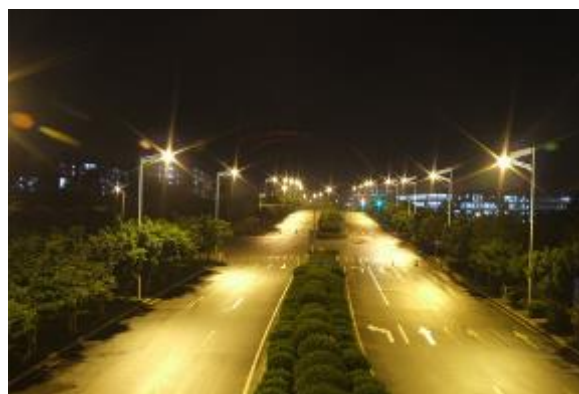
Key features

- Low installation and maintenance costs.
- High LED performance 1W/160lm.
- Solar panel can rise up and fold for maximum energy absorption.
- Light dimming engine.
- LED's operating lifetime 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 application.
- Battery enclosure.
- Aluminum housing for efficient heat dissipation
- Approved IDA.

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 160 W
Solar ChargeController Parameters	Type	PWM/MPPT, infrared solar charging controller with infrared remote control.
Battery capacity	LifePO4 Lithium	Up to 48 Ah/12.8 V
LED Light Parameters	Light Source Power	Up to 120 W
	Lamp Rated Total Luminous Flux	Up to 19,200 lm
	CCT (Correlated Color Temperature)	3,500K-6,000°K
	Color Rendering Index (CRI)	≥70
Control Modes	1.Light control 2. Timing control 3. Microwave control 4. Timing + Microwave control	
Operation profile	1. 100%-2hrs, 70%-2hr, 20%-8hrs. 2. 100%-2hrs, 70%-2hrs, 50%-2hrs, with motion sensor. 3. 50%-1hr, 100%-4hrs, 50%-3hrs,25%-4hrs. 4. 100%-6hrs, 50%-6hrs. 4. Always 20% dim, motion sensor trigger jump to 100% for 2 minutes. 5. Always 20% dim, motion sensor trigger jump to 100% for 2 minutes.	
Lighting Material	Die-casting Aluminum	
Extended Application	Wireless Remote controller	
Optional	GPRS Integrated Management System (Remote control and monitoring)	

Uses and Applications Guide

Streets lighting	●
Parking lots	●
High Speed way	●
Branch roads	●
Residential roads	●
Public parks	●
Sports lighting	●



Ordering Guide

EXAMPLE: SFPSL-A-60W-40W-3-35K-18AH-1-GR-01

Model	Solar panel quantity	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery capacity	Arm	LED Body color	Motion Sensor
SFPSL	A- 1	60W 80W 140W 160W	40W 64W 100W 120W	3 – Type III	35K 50K 60K	18AH 24AH 39AH 48AH	1 – Single 2 - Double	GR - Grey	01 – motion sensor



*Up on request

LegalClarification: 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 altered 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 alteration 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

