

# HIGHLIGHT SPWSPDL

## Installation Manual



## 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.

## SOLAR WRAP POLE-HIGHLIGHT SPWSPDL

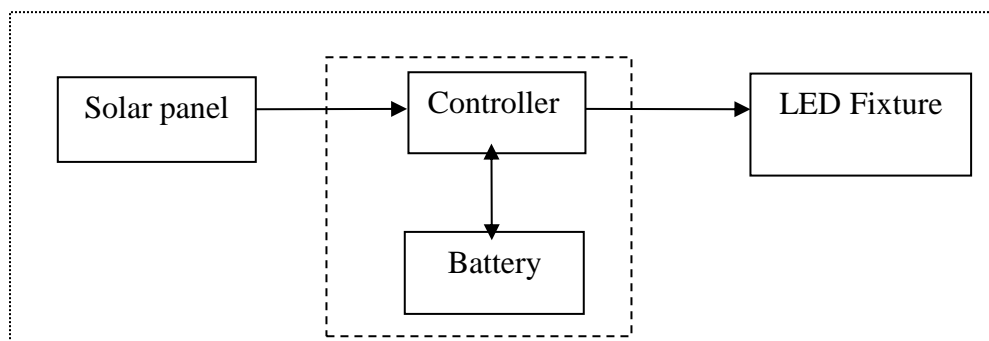
### User's Manual & Instruction



## Component List

NO.	Item	Image	Unit	Qty	remark
1	Pole		PCS	2	
2	LED fixture		SET	2	Built in battery with controller
3	Solar cylindrical (UP)		PCS	2	top
4	Solar cylindrical (DOWN)		PCS	2	bottom
5	Hoop of solar cylindrical (UP)		PCS	2	Included M8 screws installed
6	Hoop of solar cylindrical (MIDDLE)		PCS	2	Included M8 screws installed
7	Hoop of solar cylindrical (BOTTOM)		PCS	2	Included M8 screws installed
8	Wrench for M8 screw		PCS	1	Fix LED fixture and hoops

Solar panel convert energy to battery storage, then output via controller to LED as below.



## Specifications

NO.	Item	Specifications
1	Light power	30W, CCT 3000K
2	battery	LifePO4 battery capacity: 12.8V/40Ah
3	Solar panel	160W (80W*2pcs) CIGS flexible solar panel with aluminum alloy mold
4	Pole	Coated hot galvanized and electrostatic pole
5	Height	13FT Pole
6	Switch model	light control and time control
7	Controller	MPPT controller
8	Epa	
9	Weight	

## Installation

Before installation, prepare wrench, thin steel to drag off cable from inside of pole, protect pads etc.

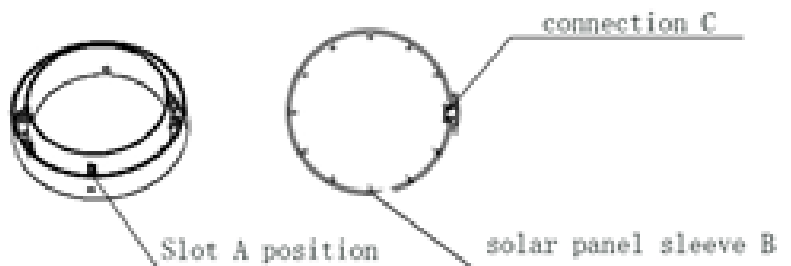
### Solar panel sleeve on pole

1. Lay the pole flat level, the top of the pole with a support up, and put Hoop of solar cylindrical(bottom) through the top of the pole.
2. Tear off the protection film bottom part (be careful not to scratch the solar panel). Insert solar cylindrical from the top of the pole (installation arrow direction attached to the film is towards the LED fixture).

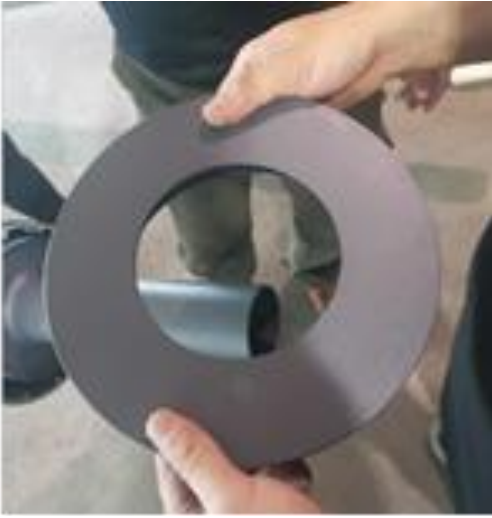
Connect wires from bottom of pole to top of pole.

3. Align the clamp slot with the inner tension position of the solar panel and insert it (as shown in the figure). After the solar cylindrical assembly is inserted, it is stuck with hoops. Tighten the screws on the collar evenly (M6 hexagon wrench). solar cylindrical assembly will not rotate after tightened

Note: do not damage wire of solar panel).



4. Insert the hoop of solar cylindrical (middle) from the top of pole; Insert the solar cylindrical assembly (upper part) from the top of the pole (the installation arrow attached to the film is towards the lamp head) and thread the film assembly connecting wire from the threading hole on the upper part of the pole to the top of the light pole. Then repeat step 3 to clamp the film assembly with the sleeve hoop and fix the screws.
5. Insert the hoop of solar cylindrical (upper part) into the pole and install it. Repeat the above 3 steps.



## Lamp Installation

1. Connect wires of solar cylindrical, after 10 seconds LED light turn off, then take out wire of solar cylindrical, LED light turn on, take out protection film of solar panel, next reconnect of solar cylindrical.
2. Insert LED fixture into pole; use M6 screws fix on top of pole.

## Pole Installation

✂ prepare wrench before installation.

1. Before pole installation, confirm light and solar panel position. Connection of Solar panel towards backside of sunshine.
  2. Fix pole on anchor bolt.
  3. Place flat washer through stud on completely light base and secure with nut lock. Use the pendant to adjust to ensure that the light pole installed vertically.
  4. Fix cover on anchor bot.
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- Solar-powered LED street light charge during daytime, and should install in areas with good sunlight. Installation environment should not be shade or building shade.
  - Lamp and solar pane surface are fragile and cannot be touched by sharp objects or struck by gravity.





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