



Solarpath’s solar powered LED bollard is an architectural independent lighting solution ideal for various applications such as parks, pathways, bike lanes, remote areas, golf courses, beach resorts, marinas, residential areas and landscape lighting projects.

The architectural patented design combined with a robust high LED lighting output in a high-grade construction makes it your ideal choice for all your self-contained lighting projects.

This solar powered outdoor lamp operates completely wirelessly, eliminating the need to dig across the property to install an electrical grid.

Energy storage and usage are controlled by a unique built-in self-decisive software algorithm. The curved vertically integrated solar panel is wind-resistant and self-cleaning, as dirt and dust cannot stick to the design. Solar energy generated during the day is stored in high-quality lithium batteries, which are long-lasting and require minimum maintenance.

### Key features

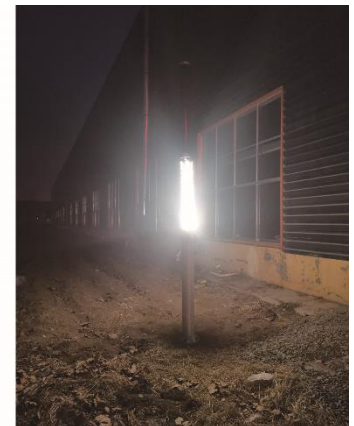
- CIGS Amorphous flexible solar panel wrap on pole
- Maintenance free.
- High LED performance.
- Controller: Optically control. Time control, anti-over-discharge and short-circuit resistant.
- Material: Aluminum alloy, steel pole coated with electrostatic spray, anti-salted, anti- acid, weather and rust resistant.
- IP65

### Technical Specifications

Solar Module Parameters	Type	CIGS Amorphous flexible solar panel wrap on pole	
	Power	80W	
Solar Charge Controller Parameters	Type	MPPT	
Battery type and parameters	LifePO4 Battery	12V/20AH	
LED Light Parameters	Light Source Power	20W	
	Brightness	3,000lm	
	CCT (Correlated Color Temperature)	3,000K/4,000K	
Operation profile	Dusk to dawn (dim per to solar radiation)		
Operation Temperature	-4°F-140°F		
Pole Height	Up to 9.8ft		

### Uses and Applications Guide

Pathways	●
Bike Path	●
Gardens	●
Public Parks	●
Residential areas	●
Public parks	●
Landscaping	●



### Ordering Guide: SWPDL- 80W-20W-30K-20AH-SLV-UN

Model	Solar Panel	Led Power	Led Color Temp	Battery options	Body Color	Solar panel location
SWPDL	80W	20W	30K 40K	20AH 30AH	SLV-Silver GR- Grey	UN-Solar panel under LED module OV-Solar panel over LED module



\*Up on request

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