



The SWPLB with solar wrap panel LED light is an architectural independent lighting solution ideally 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 in combination with a robust high LED lighting output in a high-grade construction makes it your ideal choice for all your self-contained lighting projects.

SWPLB works completely without wiring and gets its power from the sun, using a special energy storage system, which requires no replacement of batteries for several years.

Energy storage and usage is controlled by a unique built-in self-decisive software algorithm. Cloudy days or shaded areas, the intelligent energy saving SWPLB always provides perfect lighting conditions.

Key features

- Low installation and maintenance costs.
- Weatherproof and UV-proof.
- High LED performance.
- LED's operation lifetime over 70,000 hours.
- Light dimming engine.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical application.
- Battery enclosure.
- Wind- resistant and self-cleaning.

Uses and Applications Guide

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

Technical Specifications

Solar Module Parameters	Type	CIGS Amorphous flexible solar panel wrap on pole
	Solar panel wattage	Up to 80W
LED Resource	Power	Up to 20W
	Color temperature	3,000K-6,000K (Other colors upon request)
Battery type and parameters	Lithium (NMC)	Up to 40AH
Operation profile	Programmable, depend on solar radiation.	
Operation Temperature	-4°F-140°F	
Dimensions (inch)	Up to 6.5' (Other height on request)	
Body color	Black (other colors upon request)	
Body material	Stainless steel/ Aluminum pole *Depend on quantity	



Solar panel wrap on a pole.



Ordering guide: Example- SWPLB-50W-10-30K-20AH-BLK-4.9'-AB-00

Model	Solar Panel	Led Power	Led Color Temp	Battery options	Body Color	Height	Installation option	Options
SWPLB	50W 80W	10W 15W 20W	30K 40K 60K	20AH 30AH 40AH	BLK- Black *Other colors upon request	4.9' 6.5'	AB- Anchor bolts	00- Motion Sensor 01- Without motion sensor



*Up on request

