

The design of solar street light / courtyard light absorbs energy from the universe, 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.



### Key features:

- Low installation and maintenance costs.
- IP65 Rating.
- High performance 200lm/w.
- Light dimming engine.
- Led's operating life time over 100,000 hours at maximum output.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical applications.
- Aluminum housing for efficient heat dissipation

### Uses and Applications Guide

Warehouses	●
Tents	●
Kiosks	●



### Technical specifications

Solar Module Parameters	Type	Monocrystalline Silicon/Flexible solar panel
	Power	Up to 50W
Solar Charge Controller Parameters	Type	MPPT
Battery Parameters	Type	Li-ion
	Capacity	Up to 24AH
LED Light Parameters	Light Source Power	Up to 15W
	Lamp Rated Total Luminous flux	Up to 3,000lm
	Luminous Efficacy	200lm/w
	CCT (Correlated Color Temperature)	Dual CCT- 3,000K/6,000K Can change by push button.
	Color Rendering Index (CRI)	≥ 82
Operation profiles	Dust to dawn; first 4hrs-100% output; then dim on 25% output till dawn. **Programmable, depend on solar radiation.	
Lighting Material	Die-casting Aluminum	
Product size	5W/8W- L11.8"*W6.2"*H3.5"	
	10W/15W- L21.6"*W6.2"*H3.5"	



### Ordering Guide: EXAMPLE: SP-CPKL-B-25W-5W/8W-3-30K -12AH-BLK

Model	Solar panel type	Solar Panel	LED Power	Distribution type	LED Color Temp	Battery Options	Body Color
SP-CPKL-B	A- Bifacial panel 	25W 50W	5W/8W 10W/15W	3- Type III	30K 40K 50K 60K	12AH 24AH	BLK- Black
	B- Flexible panel 						



\*Up on request.

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