



Technical Specifications

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 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.

		SP-RL 9	SP-RL 15	SP-RL 30
Solar Panel	Power	18V 15W	18V 25W	18V 60W
Battery	Type	Lithium LiFePO4 battery	Lithium LiFePO4 battery	Lithium LiFePO4 battery
	Lifespan	8-10 years	8-10 years	8-10 years
LED Source	Power	12V 9W	12V 15W	12v 30W
	Luminous Flux	1080Lm (TYP)	1800Lm (TYP)	3600Lm (TYP)
	Color Temperature	2700~6500K	2700~6500K	2700~6500K
	Beam Angle	135x60°	135x60°	120°
Charging Time	By Strong Sunshine	6-8 hours	6-8 hours	6-8 hours
Lighting Time	Full Power	10-12hours	10-12hours	10-12 hours
	30% saving mode	Up to 36 hours	Up to 36 hours	Up to 36 hours
Recommended Installation	Mounting Height	9.84ft- 13.1ft	9.84ft- 16.4ft	16.4ft-22.9ft
	Space Between Light	26.2ft- 32.8ft	26.2ft – 32.8ft	65.6ft- 82ft
Material		Superior aviation aluminum AL6063-T5	Superior aviation aluminum AL6063-T5	Superior aviation aluminum AL6063-T5
Warranty		2 years	2 years	2 years

Key features

- Patent pending integrated design
- Solar powered outdoor lighting
- Lithium battery prolongs life and protects environment
- Modular compact design, easy assembly and maintenance
- Rust-proof, dustproof and waterproof
- Two year warranty

Uses and Applications Guide

Streets lighting	●
Parking lots	●
Farms	●
Boardwalks	●
Pathways	●
Public parks	●
Private gardens	●
Access roads	●
Walking paths	●
Bus stations	●



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