

SLR10 Solar



Description

The SLR 10, a Bifacial solar street light that truly stands out with an impressive 10,000 lumens of radiant illumination. It features a robust 75W bifacial solar panel and a powerful 50W lighting capacity. With the inclusion of our advanced PTC auto heating system and a substantial 720Wh battery that can be recycled over 2000 times, or more than 5 years of reliable service, this luminaire ensures peak performance even in challenging weather conditions. Additionally, it comes equipped with a motion sensor, a replaceable battery, and anti-bird spikes for added functionality and longevity. The SLR 10 is not just a lighting solution; it's a testament to innovation, durability, and efficiency in the world of outdoor lighting.

Specification

Housing

Made from cast aluminum to withstand harsh weather.

Hardware

All exposed hardware is made of durable stainless steel, with industrial strength seals.

Interior Design & Optical





Energy efficient LED driver, with quick disconnect wiring to allow easy driver maintenance.

Exterior Design & Finish

Luminaire is designed to fit post top mounting or pendant mounting with our ornamental arms and poles, and is suitable for wet locations. Finish is electrostatically applied with thermoset polyester powder-coat.



Product Informatons

Model NO.	SLR 07	SLR 08	SLR09	SLR10
Picture				
Solar Panel	75W	75W	100W	100W
LED Chip	Philips 5050			
Size	L106XW45CM	L106XW45CM	L130XW45CM	L130XW45CM
Luminary efficacy	200LM/W			
Power	35W	40W	45W	50W
Lumen	7000LM	8000LM	9000LM	10000LM
Opitcal Lens	140X70 Deg. Type III/Type II			
CCT	3000K-6500K(Typical 6000K)			
Battery	Li-ion 12V 41.6AH	Li-ion 12V 46.8AH	Li-ion 12V 52AH	Li-ion12V 62.4AH
Charging Time	7 Hours	8 Hours	8 Hours	9 Hours
Discharging Time	5-7 Days @ Dim mode(Can be customized before delivery)			
Motion Sensor	20-25 Meters detective distance			
IP Grade	IP 65			
Pole Height	8-10 Meters		10-12 Meters	
Weight	18KG	19KG	21KG	22KG
Wind Load	130Mph(>45M/S)			
Controller	MPPT (Surge protection 6KV)			
Smart Tech	ASW 3.0 Patent technology can allocate the power in different weathers or in different seasons,it can prolong illumination time,enhance customer's experience.			
PTC	PTC Auto-heater system enable the light working below - 40 degree in snow winter.			