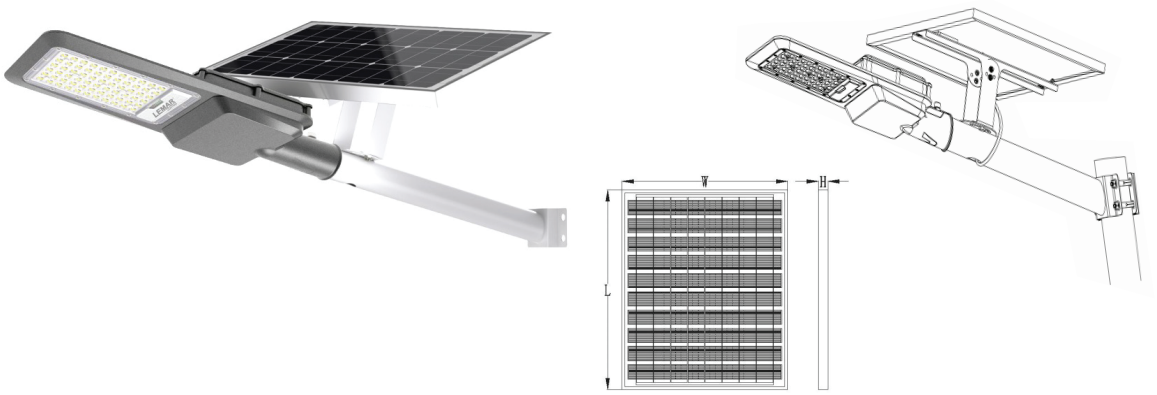
LEMAR®
LIGHTING

Solar Street Light
LMR-SLRSL8-450W



Overview
LEMAR Solar Street Light is a durable and energy-efficient lighting solution designed for outdoor environments such as streets, pathways, and public areas. It operates entirely on solar energy, featuring a high-efficiency monocrystalline solar panel, a long-lasting lithium battery, and powerful LED modules that provide consistent illumination throughout the night. Built with a weather-resistant and corrosion-proof housing, this light ensures stable performance in all weather conditions, reducing maintenance and eliminating electricity costs.

Electrical Specifications

Model No.	LMR-SLRSL8-450W
Real Power	45W
Frequency	50/60 Hz
Power/Solar Panel	Monocrystalline 45W/5V
Bettery	LiFePO4 45AH 3.2V
Charging Hours	4-6 Hrs
Lighting Hours	12Hrs

Light Specifications

Luminous Flux	6200lm
Luminous Efficacy (rated)	137lm/W
Correlated Color Temperature (CCT)	7000K/3000K
Luminaire Light Beam Spread (Beam Angle)	70 ° * 140 °
Color Rendering Index (CRI)	≥70

Mechanical Specifications

Housing Color	Grey
Material	ALU
Lamp Size(L*W*H)	498*210*87 mm
Solar Panel Size(L*W*H)	390*630*17 mm
Ingress Protection Code (IP)	IP65
Charging Temperature	>5°C
Discharging Temperature	>-10°C

Performance Warranty

Warranty	2 Years for Light 1 Year for Battery
Lifespan	30,000Hrs

APPLICATIONS

Parking Industrial Public Areas Gardens Road