



### Overview

LEMAR Solar LED Floodlight is a high-efficiency outdoor lighting solution designed for energy-saving and eco-friendly performance. Powered entirely by solar energy, this floodlight features a durable, weather-resistant design ideal for gardens, driveways, and outdoor areas. Equipped with high-lumen LED chips, a long-lasting lithium battery, and an intelligent light sensor, it automatically turns on at dusk and off at dawn. The integrated solar panel ensures fast charging and reliable operation even in low sunlight conditions.

### Electrical Specifications

Model No.	LMR-SLRFL11-200W
Real Power	16W
Frequency	50/60 Hz
Power/Solar Panel	Monocrystalline 15W/5V
Battery	LiFePO4 16AH 3.2V
Charging Hours	4-6 Hrs
Lighting Hours	12-14 Hrs

### Light Specifications

Luminous Flux	2200lm
Luminous Efficacy (rated)	137lm/W
Correlated Color Temperature (CCT)	3000K/6500K
Luminaire Light Beam Spread (Beam Angle)	90°
Color Rendering Index (CRI)	≥70

### Mechanical Specifications

Housing Color	Black
Material	ABC+PC
Lamp Size(L*W*H)	248.5*233*48 mm
Solar Panel Size(L*W*H)	390*230*15 mm
Ingress Protection Code (IP)	IP65
Charging Temperature	>5°C
Discharging Temperature	>-10°C

### Performance Warranty

Warranty	2 Years
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### APPLICATIONS

