

Solar LED **Floodlight**

Sports, Recreations & General Lightings



- All in one design - solar panel and battery
- Easy Installation
- Charging and overcharging protection

LED Solar Floodlight



Outdoor Luminaires Sonar LED Floodlight

Solar Energy System provides the whole range of applications for floodlight, bulb, linear light or others suitable with DC input supply.

Product Specifications

Battery Type: LiFePo4 12.8V / 25.6V

Output Voltage: 20 ~ 55Vdc

Charge/Discharge Temperature: 0° ~ 60°C / -20° ~ 60°C

Storage Temperature: -20°C ~ +45°C

Working Mode: 4hrs - 100%, 2hrs - 60%, 6hrs - 40%

Charging Time: 5 ~ 6hrs direct sunlight

Working Time: 24 hours (2 days)

Warranty: 2 years

Spigot Size: 60 ~ 80mm

CCT: 6500K (available in 3000K, 4000K)

Color Rendering Index (CRI): >70

Beam Angle: 120°

Operating Temperature: -20°C ~ +35°C

Storage Temperature: -20°C ~ +80°C

Luminaire Efficacy Rating (LER): 100lm/w

Lifetime (typical): 50,000 hours at ta 25°C

LED Lumen Maintenance: LM80

Electrical Safety: Class I

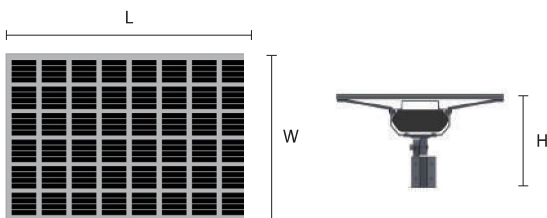
Compliant: IEC, Sirim

Heatsink material: Aluminium Casting

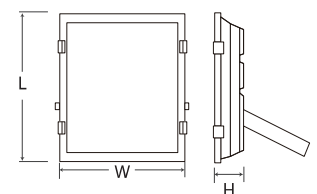
Luminaire Cover Material: Frosted Tempered Glass

IP Rating: IP66

Model	Battery	Mono PV Module Power
50W	12.8V, 40Ah	80Wp
100W	12.8V, 40Ah	150Wp
150W	12.8V, 40Ah	200Wp
200W	25.6V, 65Ah	240Wp



Model	Luminous Flux
50W	5,000 lm
100W	10,000 lm
150W	15,000 lm
200W	20,000 lm



Model	L	W	H
50W	765mm	670mm	30mm
100W	1010mm	670mm	30mm
150W	1190mm	670mm	30mm
200W	1650mm	670mm	30mm

Dimensions

Model	L	W	H	Weight
50W	240mm	200mm	47mm	1.0kg
100W	267mm	236mm	47mm	1.5kg
150W	308mm	272mm	55mm	3.0kg
200W	345mm	310mm	62mm	4.0kg