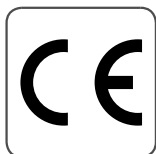




LED Solar Powered Mobile Lighting Lighthouse

HIGH LIGHT · DURABLE · SAVE COST

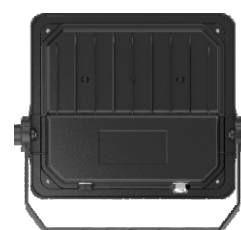


The mobile solar lighthouse consists of a trailer, a super bright LED light lifting system, and a battery and solar power supply system. It is very suitable for use in any place where electricity is difficult to obtain. It has strong maneuverability and is particularly suitable for mobile emergency lighting. Lighthouse is widely used in construction sites, mining, special events, communities, security and other fields, especially suitable for noise sensitive application scenarios, as well as many occasions that require on-demand lighting. Solar and battery power can enable the system to run for 8 to 12 hours.

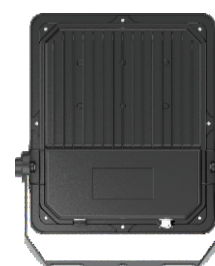
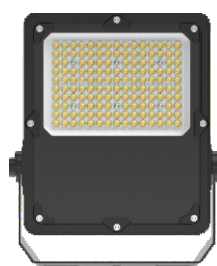
The lamp post can be raised and lowered, equipped with 50W/100W/150W LED lights; Built in 4 sets of batteries, with long battery life (depending on battery capacity), can be powered by solar energy. Support customized functions, such as remote control of LED lights on and off, adjusting lighting brightness, and controlling lighting angles.

- 1.IP65 Weatherproof Rating: ensuring reliable operation in harsh weather conditions.
- 2.Portable & Mobile Trailer Design: allowing for easy transportation via pickup truck or SUV to any job site.
- 3.High-Brightness LED Illumination.
- 4.Long-Lasting Battery Autonomy.
- 5.Features a fully integrated solar energy system with high-efficiency monocrystalline solar panels, MPPT charge controllers, and deep-cycle batteries for maximum energy harvest.
- 6.Ideal for a diverse range of industries: road construction, bridge building, pipeline welding, airport ground support, emergency response, mining, oil & gas, and large outdoor events.
- 7.Serves as both a primary lighting source for night work and a mobile backup system for power outages or disaster relief operations.

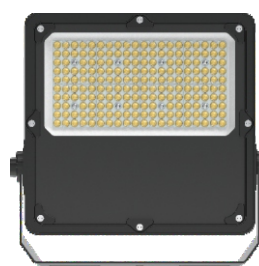
Product Picture



50W



100W

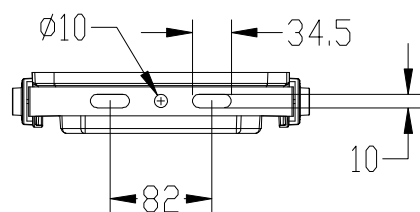
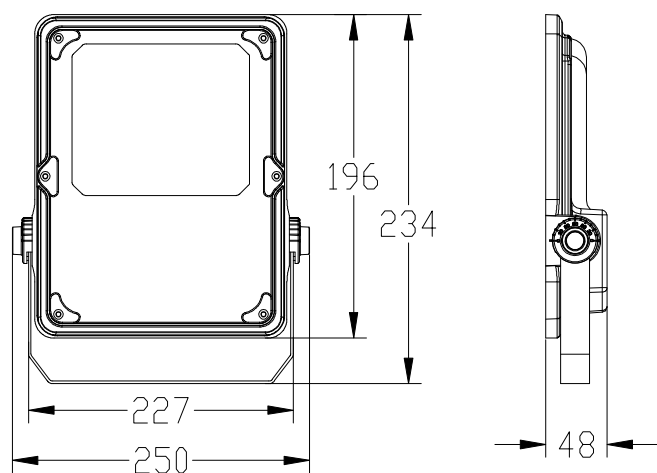


150W

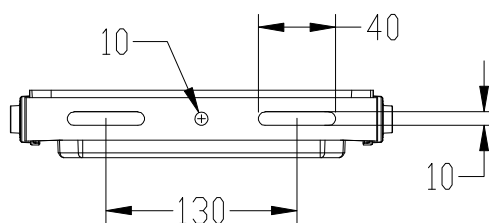
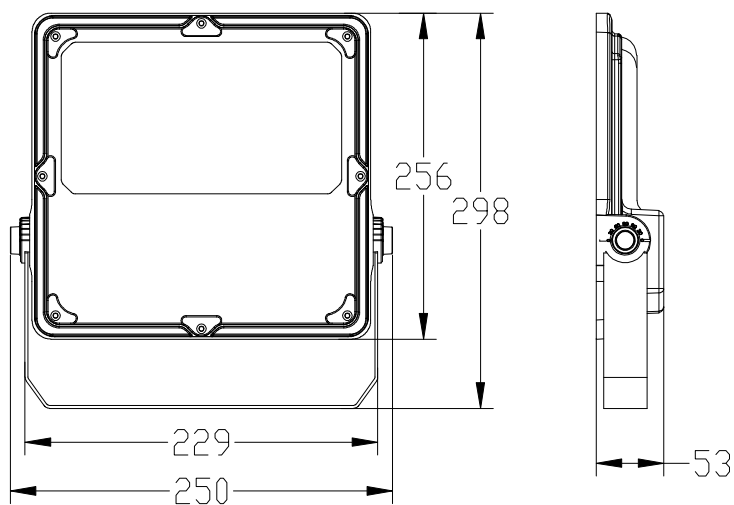
DATA SHEET(Single Lamp)

Total Power	200W	400W	600W
Single Lamp Power	50W	100W	150W
Model	BB-SHJD-50W-A1	BB-SHJD-100W-A1	BB-SHJD-150W-A1
Illumination Pattern	1000m ²	1500m ²	2000m ²
Photovoltaic Panel Power	150W	300W	500W
Lifting height (5m/6m/7m/8m/9m)	6m (Optional)	7m (Optional)	8m (Optional)
Luminous Flux	6500lm	13000lm	19500lm
Luminous Efficacy	130 lm/w		
Materials	Galvanized Steel Sheet+Aluminum Alloy + Solar Panel		
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW / 6500K SCW		
CRI	70+		
Life Span	30,000 Hours		
Light Source	SMD LED		
Fixed Bracket	4 Brackets		
Wheel	2 R13		
Solar Cell	High Efficiency Single Silicon Solar Panel		
Lifting Method	Manual Lifting / Electric Lifting (Optional)		
Photovoltaic Panel Voltage	54V		
Battery Type	Ternary Lithium Battery		
Battery Voltage	24V		
Charge Time	6-7Hours(With Enough Strong Shine)		
Discharge Time	Full Power 12 Hours (Save Mode > 20Hours)		
Operation Temp	Charge Temperature:-10°C to +45°C;Discharge Temperature:-20°C to +45°C		
Optional	Charge Temperature:-20°C to +45°C;Discharge Temperature:-40°C to +45°C		
IP	65		
Warranty	3 Years		

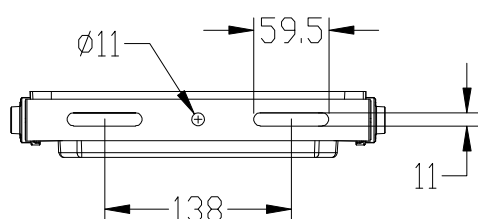
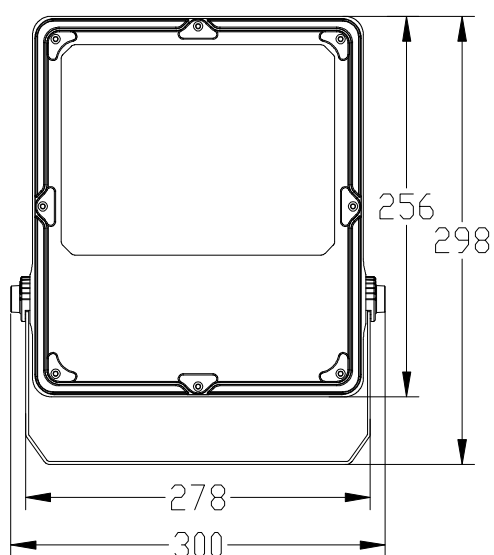
Product Dimensions



50W

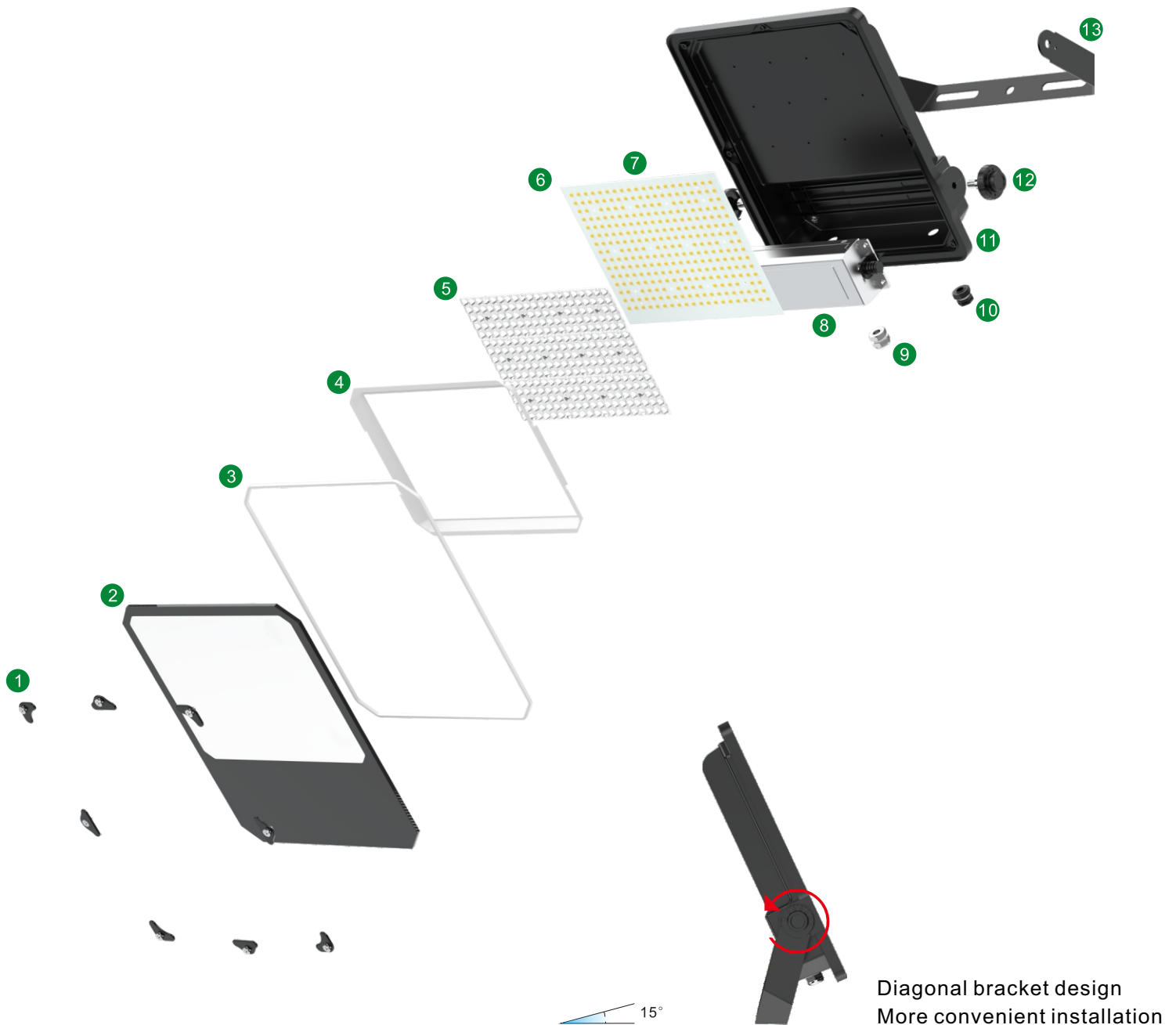


100W



150W

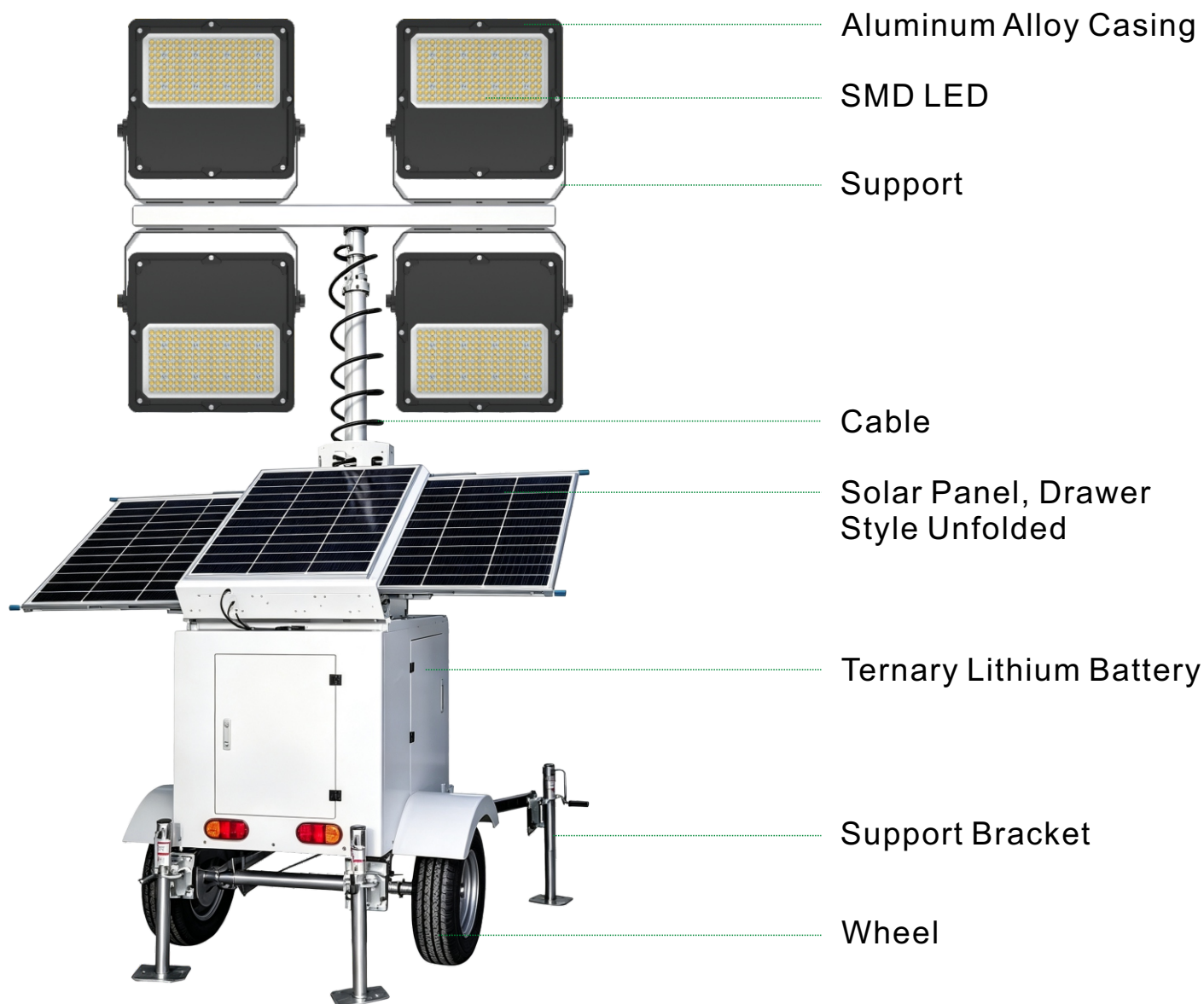
Product Breakdown Diagram



1. Compression buckle
2. Tempered glass cover.
3. Waterproof silicone strip.
4. Nano plastic reflector.
5. Optical PC lens, made of UV resistant material, does not turn yellow after long-term use, is resistant to high temperatures, and does not deform.
6. Compatible with 2835 LED beads, with stronger light efficiency and farther illumination.

7. High thermal conductivity aluminum substrate for faster heat dissipation.
8. Waterproof power supply.
9. Waterproof gland head.
10. Heat dissipation breathing valve.
11. ADC12 die cast aluminum radiator with an efficiency of up to 96W/M.K.
12. Bracket knob.
13. Strong bracket for more secure installation.

Product Details



Product Packing Information

Power	Size	Weight	Whole Machine Weight (kg)	Packaging Size Of The Whole Machine (mm)
50W	290*230*48	1.08kg	Manual Lifting : 450kg Electric Lifting:480kg	2500*2200*1800
100W	310*300*53	1.61kg	Manual Lifting : 550kg Electric Lifting:580kg	2600*2400*2000
150W	360*300*53	2.0kg	Manual Lifting : 620kg Electric Lifting:650kg	2700*2500*2100

Application

Ideal for a diverse range of industries: road construction, bridge building, pipeline welding, airport ground support, emergency response, mining, oil & gas, and large outdoor events.



Specifications are subject to change without notice.

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