



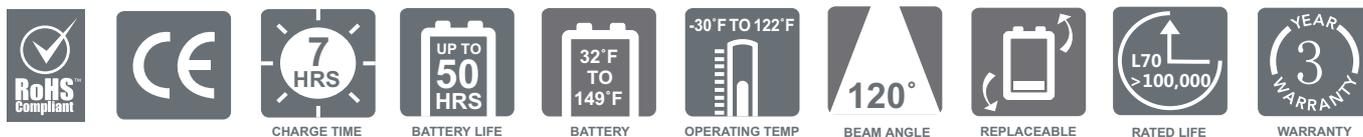
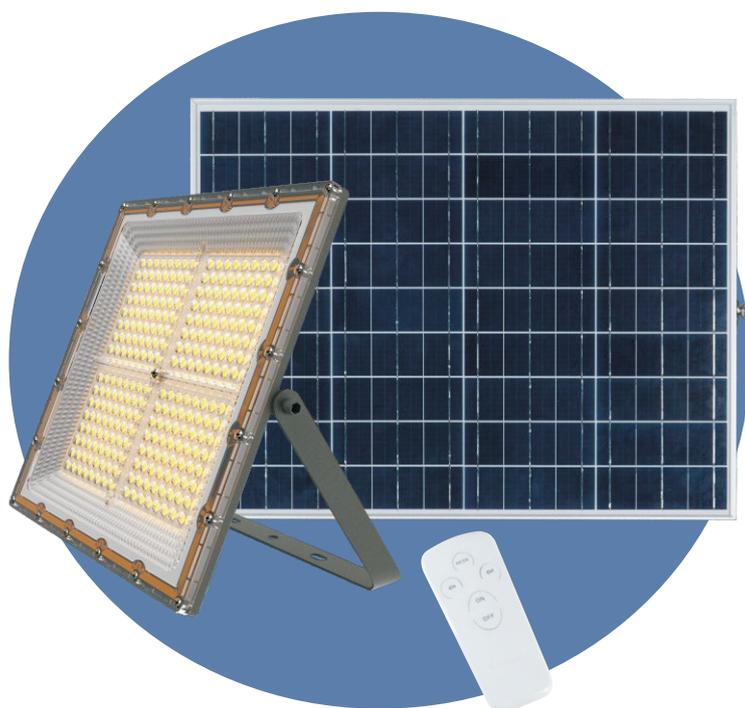
OFF-GRID SOLAR FLOOD LIGHT 150W/250W

This floodlight has a new waterproof design housing that can handle all weather conditions and can easily handle all kinds of outdoor weather.

- Fully programmable via solar controller and photo control
- Built-in battery and solar controller
- Advanced LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge
- It is suitable for Building facade, Large gymnasium, Courtyard Villa, Square park, bridge decoration, billboard, etc.

Product Size

- Dimensions(L*W*H):
150W 272.5*260*43mm
250W 335.5*316*50.5mm



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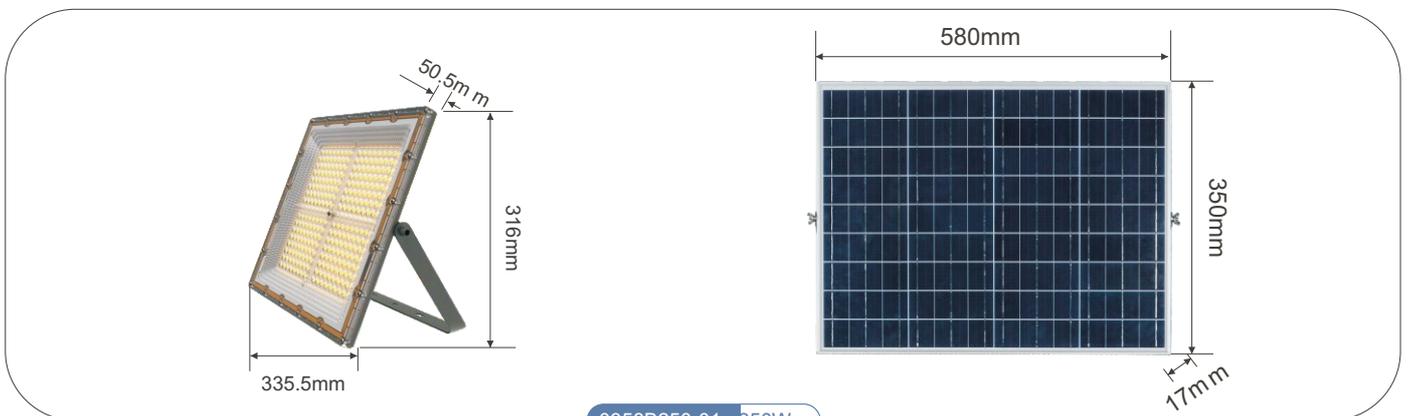
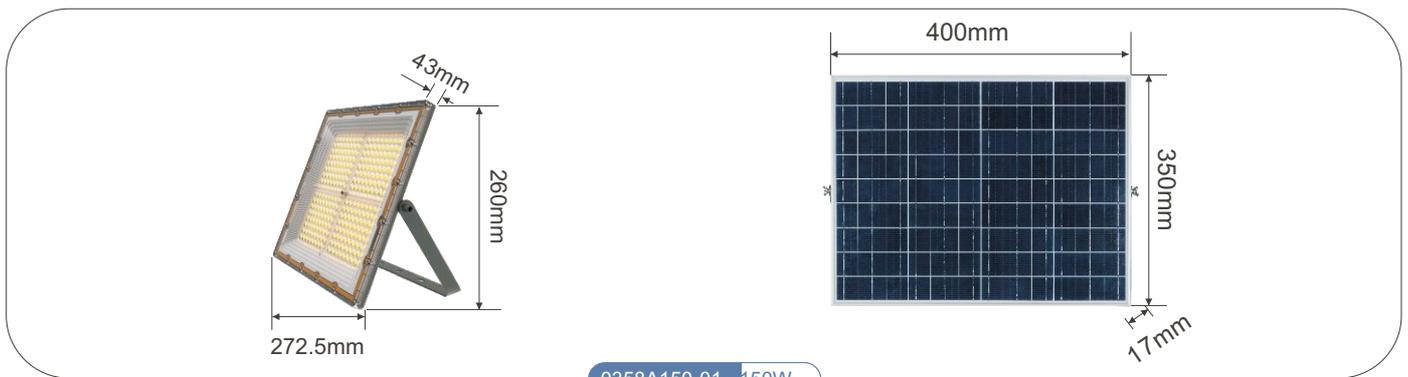


Due to continued product improvements, product specifications are subject to change without notice.
Any questions please contact the accordingly sales to get the most updated product specifications.

PRODUCT SPECIFICATION

Model	0358A150-01	0358B250-01
LED Lamp	2835LED 144PCS	2835LED 256PCS
Solar Panel	6V 18W Polycrystalline	6V 28W Polycrystalline
Battery Type	LiFePO4 3.2V 14AH	LiFePO4 3.2V 35AH
Charging Time	6-8 Hours	
Discharging Time	2 Rainy days	
Led	160lm/w	
Material	Die-casting Aluminium	
Product Size	272.5*260*43mm	335.5*316*50.5mm
Install Height	3-5m	5-7m
Warranty	3 Years	

PRODUCT DIMENSION



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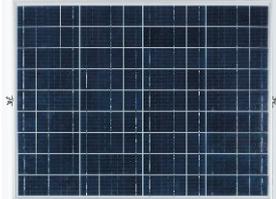


PRODUCT ADVANTAGE



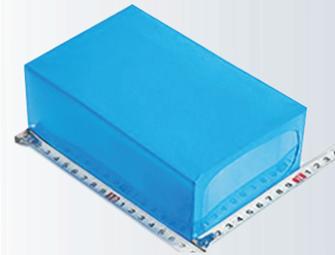
● **High Brightness 160LM/W**

Moisture-proof and waterproof, high quality LED lamp bead has a wide lighting range.



● **Efficient Solar Panel**

High quality polycrystalline silicon material, high charging efficiency, long lifespan

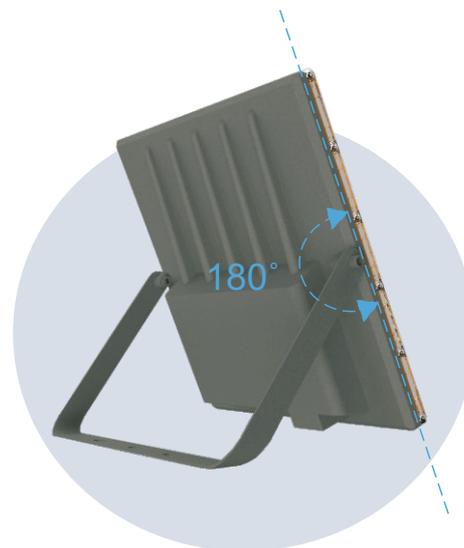


● **Larger Capacity Battery**

Long battery lifespan and more durable, can save up to 80% electricity even use in the $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$ area.

● **Adjustable Angle**

180° can be adjusted at any angle for easier installation and is suitable for use in any location.



BATTERY SPECIFICATION

DesignLife	6-8 years	
Nominal Voltage	3. 2V	
Nominal Capacity	14Ah	35Ah
Self-Discharge		
3% of capacity declined per month at 20°C(average)		
Operation Temperature Range		
Discharge	-20~60°C	
Charge	-10~60°C	
Storage	-20~60°C	
Max.Discharge Current 77°F(25°C)	1200A(5s)	
Short Circuit Current	3000A	

BATTERY GUARANTEE OF QUALITY



No. 1 Battery Cells

High-end battery cells keep every cell's voltage, resistance, capacity, discharging always in sync



No. 2 Battery Protector

High precision IC keep performance more stable protect over load ,over charge , over discharge ,short circuit ,over voltage ,over current keep battery pack always safe and long life span



No. 3 Precision Welding Machine

Fully automatic precision welding machine can ensure that every battery can be welded firmly to prevent the danger of short circuit or power failure



No. 4 Aging Test Machine

every battery pack need to thorough charging and discharging test by the aging test machine to keep 100% qualified

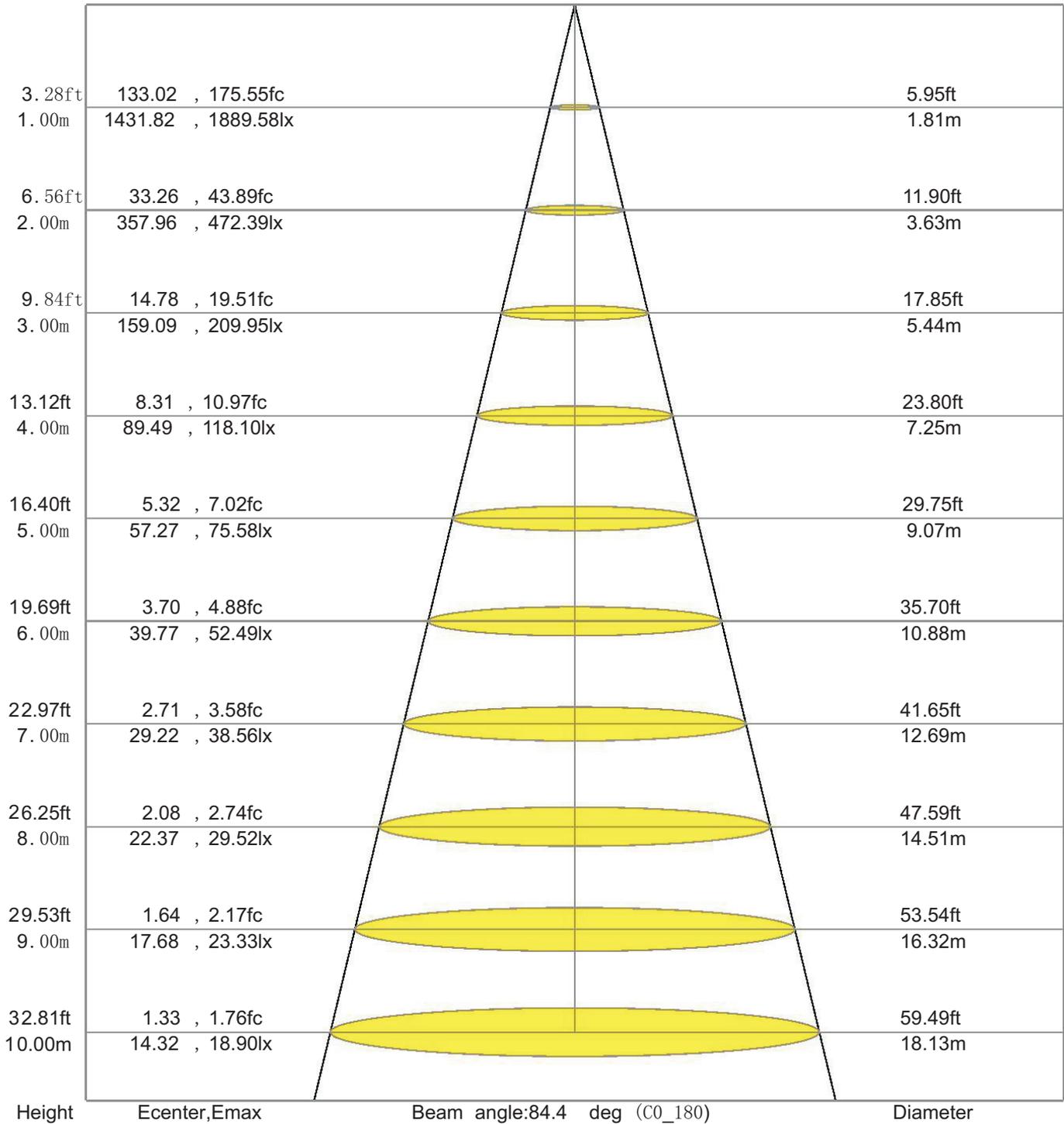
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LX-DISTANCE DIAGRAM



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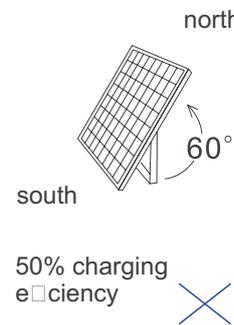
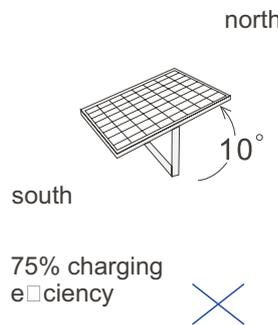
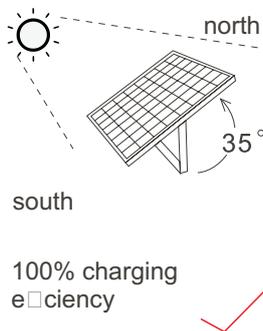
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USER GUIDE



Warning

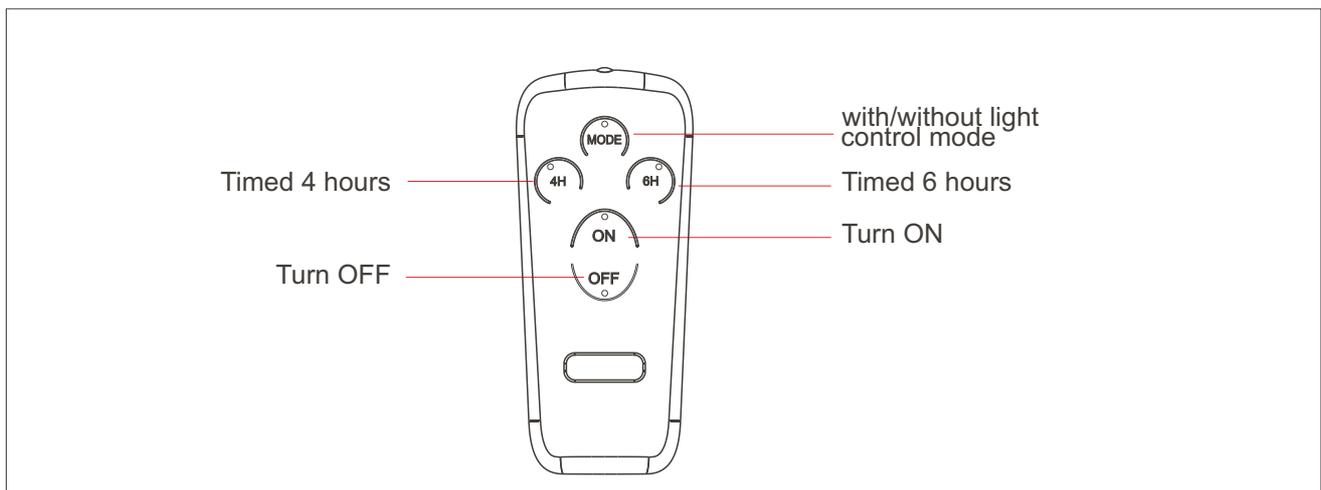
- Please avoid looking directly at the light.
- The charging and dismantling process must be carried out in a safe place.
- Do not short-circuit, disassemble ; do not put in the water and near the fire.
- without professionals, do not attempt to repair or replace the battery, the supplier shall not be responsible for any damage of the consequence of replacing or repairing the battery that not conducting by supplier.



Tips:

1. Installation direction of the solar panel is 5-10 degrees south to west, an angle of 35 degrees with the horizontal plane.
2. Please install the solar panel in the sun direction to avoid affecting the power generation efficiency.
3. Please ensure the installation is stable.

CERTIFICATIONS OF PRODUCTS



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