

Lone Star LED



TNY Series solar flood light



Patented Mold

www.lonestarled.com

Lámpara de inundación solar

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Patented bright solar street lamp.

Die cast aluminum thickened shell, efficient heat dissipation.

Thickened tempered glass, not easy to damage

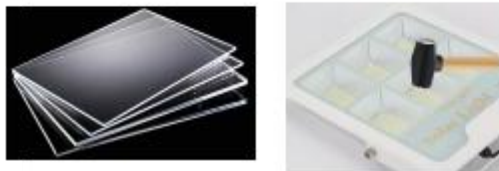
Highlight led beads

Brand options: Philips, Bridgelux, Cree



Thickened tempered glass

Not easy to damage



Die cast aluminum thickened shell

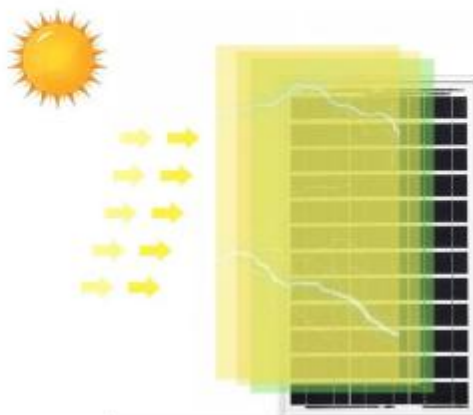
Efficient heat dissipation



180 ° adjustable bracket

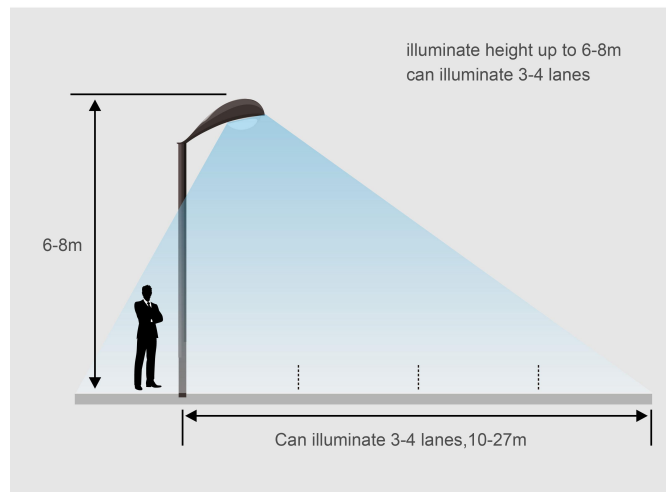


Can be filled for 5-6 hours

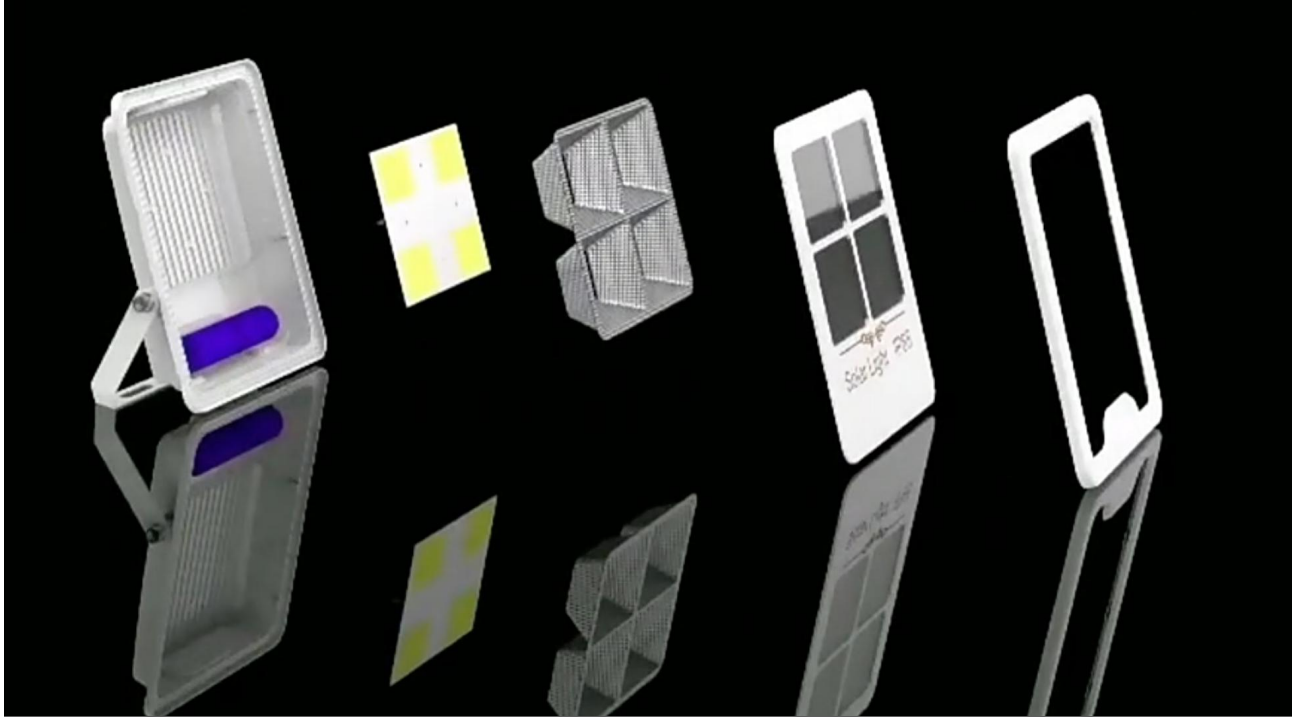


Specification:

Model Number	TYN-50W	TYN-100W	TYN-200W	TYN-300W
Power	50W	100W	200W	300W
LED Brand	Bridgelux SMD3030			
Materials	Die cast aluminum			
LED Quantity	96pcs	150pcs	300pcs	450pcs
Lamp Size	185*163*50mm	237*204*55mm	290*250*55mm	394*330*55mm
Solar Panel	15W 6V	20W 6V	30W 6V	40W 6V
Solar Panel Size	350*290*17mm	350*350*17mm	350*530*17mm	350*600*17mm
Input Voltage	DC12V			
Batteries	3.2V 10AH	3.2V 15AH	3.2V 20AH	3.2V 30AH
Backup	2-3 Rainy days			
Charge time	Sufficient sunlight for 6 hours			
Luminous Flux	4500lm	9000lm	18000lm	27000lm
Working Temperature	-20-50°C			
CRI	80Ra			
Waterproof	IP65			



VIEW:



PRODUCT ADVANTAGE



Highlight LED



Solar charging



Large capacity
lithium batteries



Light-operated
switch



Without electricity



Energy saving mode



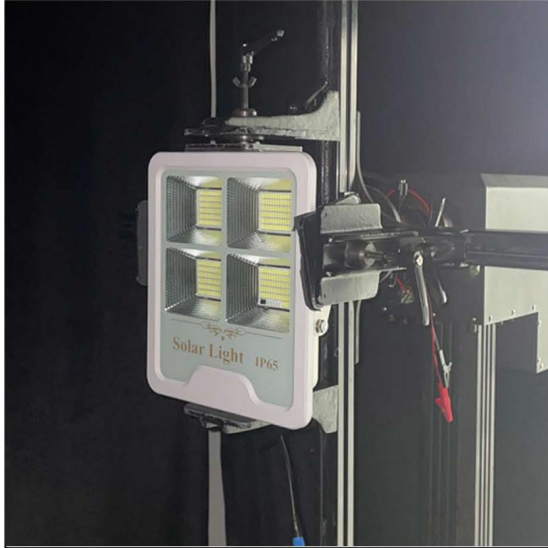
Super waterproof



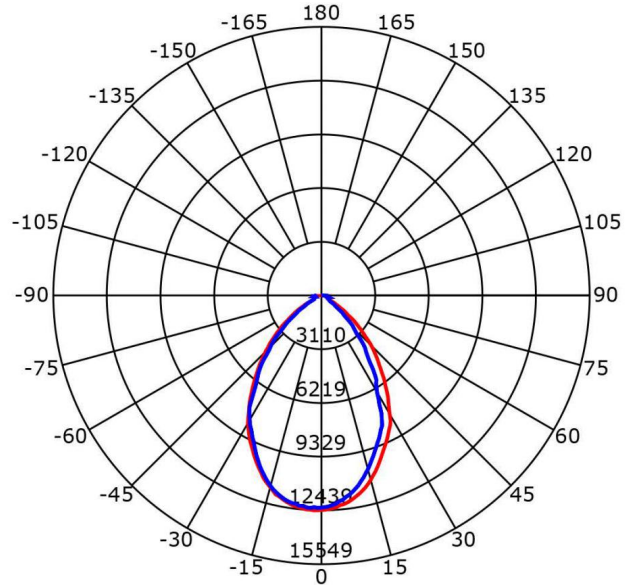
Long life

Curve:

Picture of Luminaire



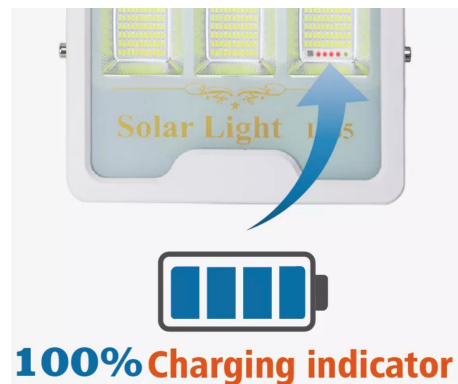
Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 74.6 deg,68.6 deg

C0-180 — C90-270 —

Details:



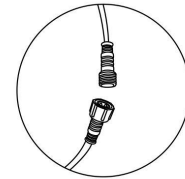
Instruction manual

Working principle

1. Solar floodlights rely on solar panels to absorb sunlight and convert them into electrical energy, and store the electrical energy to the battery to provide work for solar floodlights.
2. International standard test conditions for solar panels: AM15, 1000W/m², 25 degrees Celsius
 AM15: The actual distance of light passing through the atmosphere is 1.5 times the vertical thickness of the atmosphere, 25 degrees Celsius: refers to charging at a temperature of 25 degrees Celsius 1000W/square: The radiant intensity of solar energy, only to reach this intensity, solar panels can be 100% charged.

Instructions

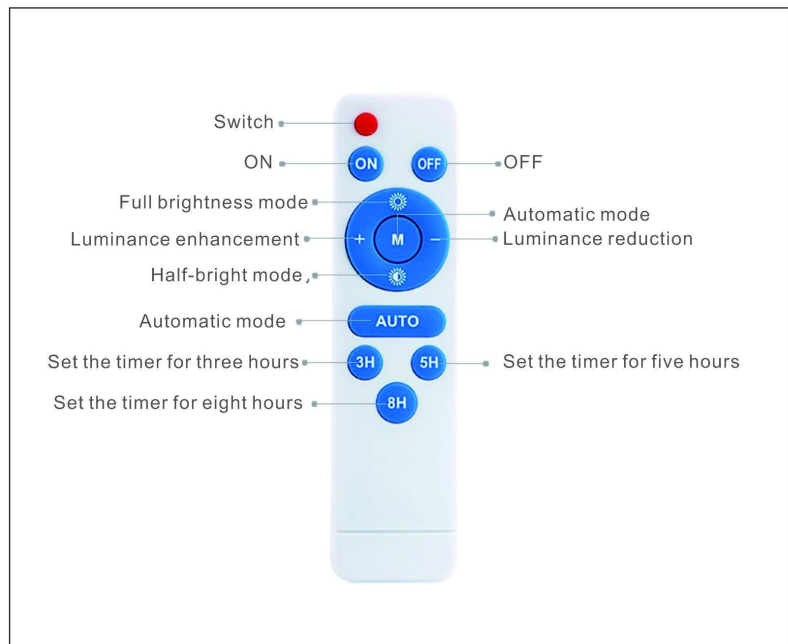
1. The solar light is charged with electricity before leaving the factory, and the light is connected to the solar panel. The solar energy is facing the natural light, and the light is not bright; when the joint light is unlit, the light control function is normal.
2. The direction is required to face the southwest and to achieve the best installation angle with the horizontal plane, due to the different latitudes of the localities.
3. Solar panels are required to be exposed to direct sunlight throughout the day, and are not blocked by buildings or trees, ensuring the longest exposure time (the solar panels must not be installed under the glass or indoors)



Insert and tighten the wire of the solar panel and the line of the floodlight.

4. The sensor must be turned on during the day or when the solar panel receives light. After the daylight sensor is turned on, the light will turn on automatically at night. Otherwise it will not turn on even if you enter the light control state in the evening.

Note: Once the red ON/OFF button is pressed, it will cause the light control to turn off. If you want to automatically turn on at night, you need to press it. The AUTO key activates the light control, otherwise the solar panel will not automatically turn on the lighting at night.



Production & Packaging:



Showcase:

