



Solar Powered LED Flood Light



Supplied with:

1 x Solar floodlight

1 x Solar Panel

1 x Remote Control

4 x Expansion Screws

1 x 4.5m Cable

2 x Brackets

4 x M4*10 + 2 x M3*10 screws

2 x AAA Batteries

Installation: Find a sunny location to install, the Solar panel needs to be exposed to full sunlight.



1. Measure the holes from the light bracket and make two marks to drill.



2. Using the 2 marks drill 2 holes with an M10 drill bit.



3. Place the expansion screw into the hole.



4. Remove the shrapnel, washer, and the nut from screws.



5. Place the light bracket over the fixings.



6. Place the light bracket over the fixings, replace washers.



6. Tighten the two nuts with wrench.



7. Install the flood light and adjust the light direction as needed. Tighten the fixings.



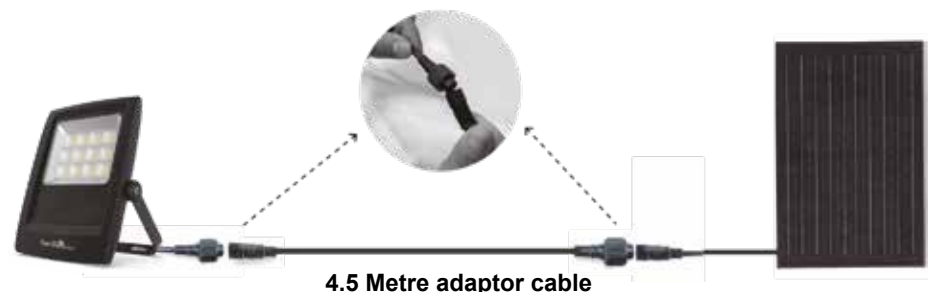
8. Fix two "L" brackets to solar panel by 4 M4 screws and use the other 2 M3 screws to adjust the light angle.



8. Install the solar panels in location that is exposed to full sunlight.



9. Connect the adapter cable between the solar floodlight and the solar panel. Ensure that this waterproof connection is secured.



4.5 Metre adaptor cable

Remote control: Pairing the Floodlight to the remote control.



Press and hold the button MATCH, be ready to pair the light and remote



Press the light button ON and then the light will blink once show they are paired.

If you have multiple floodlights, use this process to pair with the same remote.



Detects motion up to 15 metres



Operating the remote:



Turn ON/OFF manually, functional both for day and night.



Set to turn ON at dusk, Turn off at dawn automatically.



Set 4 different levels of brightness



Use this button to pair floodlight with the remote control



Test mode. Light will turn ON and operate for 1min and turn OFF



Set light to operate at 100% power when microwave sensor is triggered.



Set light to operate at 100% from 30% output when microwave sensor is triggered.



Set the light to operate lighting time.

Please Note:

- Always set lighting mode FIRST, THEN set lighting times as (4h, 6h or 12 hours), other wise, time will not be activated.
- The Motion sensor will be not functional when you set the different brightness level (25%, 50%, 75% or 100%).
- The two motion sensor programs are default set and cannot be changed, but the lighting time can be changed as 4h, 6h or 12 hours.
- The light will blink twice when it receives the signal successfully from the remote.
- Under manual mode, this light can also work in the day time when the solar panel is charging the light. This function is designed to provide lighting to the places where there is never daylight, like warehouses.

The remote control is used to adjust the lighting power and time as you require. The motion detection functions are available which you can use it as a security light. This is a 2.4G remote that is more sensitive and has no need to point at the light when you use it, the distance from the remote to the light can be up to 10 meters in an open-air area.

3 modes:



1 CONSTANT MODE (Default)

Stays on maximum brightness.

Default Lighting Program:
3 hours 100% + 4 hours
50% + 5 hours 30% for 12
hours operation without
motion sensor.



2 SENSOR MODE

Comes on maximum brightness when movement is detected



3 DIM MODE

Stays on dim brightness all night and turns maximum brightness when movement is detected

Battery status indicator:



- Red : 0% ~ 30%
- Yellow : 31% ~ 70%
- Green : 71% ~ 100%

This show how much the floodlight battery is charged.



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All NexSun products have a 3 year standard warranty on all manufacturing defects and 2 years on rechargeable batteries from the date of purchase. For extended 5 year warranty please visit <https://nightsearcher.co.uk/en/extended-warranty.html> proof of purchase is required. Please visit www.nightsearcher.co.uk for warranty information, proof of purchase is required.

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Product weight	5kg
Product size	Floodlight: 375x275x56mm Solar Panel: 660x350mm
NS Part No.	NEXSUN-2500

