Materials in Package

01 : Solar flood light (1pc)

02 : Solar Panel (1pc)

03 : Remote control (1pc)

M8*60MM

04 : Expansion screw (4pcs)

05 : 4.5m Adaptor cable (1pc)

06 : 2 Brackets + 4 M4*10 screws

07 : AAA Battery (2pcs)

08 : User manual (1pc)

Common trouble shot

PROBLEM	POSITION	HOW TO SOLVE
Light is off	Switch is off	Push on the switch
	No direct sun	Move light to sunshine place
	Much cloudy or rainy days	Work again when sun comes
Short working time	Debris on solar panel	Clean solar panel
	Installation location	Adjust location
	Cloudy or very rainy	Work again when sun comes
	Battery life is expried	Replace the battery in remote
	Remote setting is wrong	Press the longer time button.

Remark

1. Brightness level of the flood light must be set before before choosing operational times (4h, 6h or 12 hours)

2. Motion sensor option is unavailable when setting a specific lighting output (25%, 50%, 75% or 100%)

3. The two motion sensor modes are factory set and cannot be changed. Light will only turn on with 100% output or change from 30% to 100% output when movement is detected by microwave sensor. Only the working time can be adjusted.

4. The light will blink twice when it receives the signal successfully from the remote.

5. Light can turn on with ON/OFF button both at daytime and nighttime by manual operation.

You can use it for

* Temporary Lighting
* Pathway Lighting
* Warehouse Lighting
* Refugee Tents Lighting
* Construction Site Lighting
* Bus Station Lighting
* Emergency Lighting
* Garden Lighting
* Housing Lighting
* Working Station Lighting
* Hotel Lighting
* Horse Stable Lighting

SOLAR
LED FLOOD
LIGHT

USER MANUAL

2-Pro

4-Pro

6-Pro

8-Pro

******The led light source is non-user replaceable******

RoHS compliant CE IP65 MADE IN CHINA

Before Installation

We recommend you always try to install this solar floodlight a place where the solar panel is exposed to direct sunlight in order to achieve maximum performance. The working time of the solar flood light is directly related to the solar panel's exposure to sunlight. The performance will be affected by weather and season.   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, wine caves etc. Please do not forget to clear the solar panel after a while when it gets dirty.

Main Specification

Model	2-Pro	4-Pro	6-Pro	8-Pro
Luminous flux	>880lm	>1,680lm	>2,480lm	>3,280lm
Battery capacity	6.4V 38.4WH	6.4V 76.8WH	6.4V 115WH	6.4V 154WH
Solar panel	10V 12W	10V 25W	10V 35W	10V 50W
Remote control	2.4G			
Motion sensor	microwave			
Connection cable	5 meters totally from luminaire to solar panel			

Remote control

The remote control is used to adjust the lighting power and time as you require, in summer time or your local sunshine is great all the year-round, then you can use with 75% or 100% power, otherwise, you can use 50% even 25% power to save energy of battery, Also you can set the working time which can be last 4 hours, 6 hours 12 hours, etc. Meanwhile, the motion detection functions are available which you can use it as a security light. Function 1 is light will be off and only turn on with 100% power and last 1min when it detects movement, function 2 is light work with 100% power when there is detection from working with 30% power when no detection.
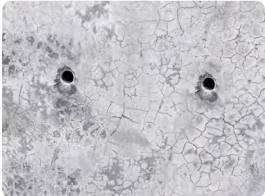
Different from PIR remote, this is a 2.4G remote is more sensititve and no need to point at the light when you use it, the distance from remote to light can be up to 10 meters in open-air area.

Battery Capacity Indicator

🔴 Red : 0% ~ 30%
🟡 Yellow : 31% ~ 70%
🟢 Green : 71% ~ 100%

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

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

25 50 75 100 Set 4 different levels of brightness

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

🚶 0%+100% Set light to operate at 100% power when microwave sensor is triggered.

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

4H 6H 12H Set the light to operate at 100% output for different time periods

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

2. Drill 2 holes with an M10 drill bit on the surface according to the two marks.

3. Place the expansion screw into the hole.

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

5. Place the light bracket over the fixings.

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

7. Tighten the two nuts with wrench.

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

9. Fix the L shape bracket to solar panel by M4 screws (4 screws totally)

12. Use the supplied remote control to operate the solar flood light as previously instructed.

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

10. Install the solar panels in the location, and make sure solar panel is exposed to full sunlight.

Wiring Diagram