

Function of 2.4G remote control



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



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.

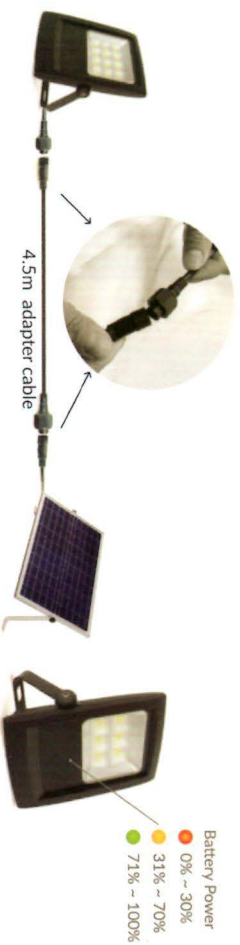


Set light to operate at 100% from 30% output when microwave sensor is triggered.

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



Wiring Connection Diagram

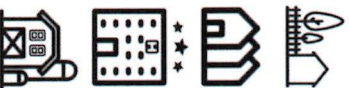


Battery Capacity Indicator

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



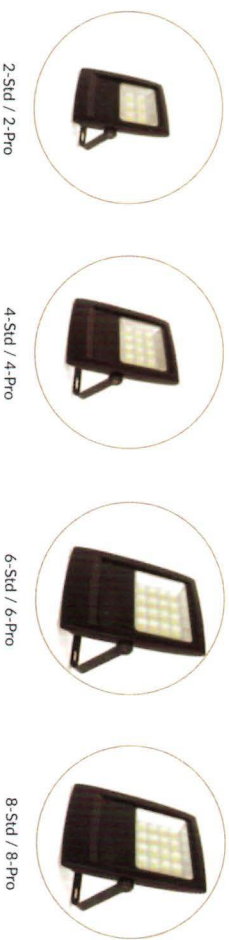
Remark

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.



User Manual

Solar Powered Solar LED Flood Light



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

Environmental Protection	Remote Setting	2000 Cycles LifePO4 Battery	3 Days Autonomy	Electricity Bills free	High luminous efficiency	100% Green Energy
					Maintenance Free	Motion Sensor
						Dusk to Dawn
						Auto ON/OFF

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 panels exposure to sunlight. Performance will be affected by weather and season.

The performance of the solar flood light will be directly effected by multiple days of insufficient sunlight. In this situation we recommend the power output be reduced to 50% or 25% of full output to ensure constant dusk to dawn lighting. The solar panel must be exposed to sunlight, do not install light under trees. Remove any debris from the solar panel and clean occasionally with soap and water.

Do not install your solar floodlight where the solar panel is exposed to ambient light from a street light or Porchlight. If the Inbuilt photocell within the solar panel detects light from another source it may not operate it

Unlike most solar lighting that will not operate when the solar panel is exposed to sunlight, we have installed a custom program that allows you to use the remote to turn on the floodlight freely regardless of external light conditions. With this function, it makes this light perfect to be used for the places that require lighting in day time, like the basement, warehouse etc. Light can work both at daytime as well as nighttime with manual operation, no more darkness with this solar flood light.

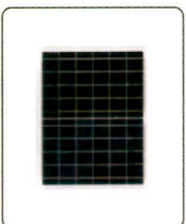
Main Specification

Model	2-Std	2-Pro	4-Std	4-Pro	6-Std	6-Pro	8-Std	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	PIR	2.4G	PIR	2.4G	PIR	2.4G	PIR	2.4G
Motion sensor	N/A	microwave	N/A	microwave	N/A	microwave	N/A	microwave
Connection cable	5 meters totally from luminaire to solar panel totally.							

Materials in Package



01 : Solar flood light (1pc)



02 : Solar Panel (1pc)



03 : Remote control (1pc)



04 : Expansion screw (4pcs)



05 : 4.5m Adaptor cable (1pc)



06 : Brackets (2pcs)



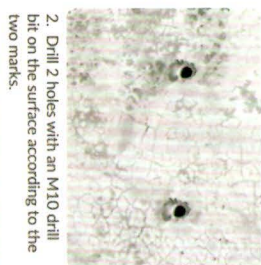
07 : AAA Battery (2pcs)



08 : User manual (1pc)



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.



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



5. Place the light bracket over the fixings.



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



7. Tighten the two nuts with wrench.



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



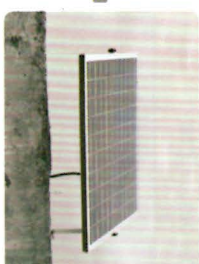
9. Assemble the solar panel bracket with the black fixings as picture shows.



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



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



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

Common trouble shot

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