Trouble Shooting

No.	Situation	Trouble shooting steps	Solution
1	No light at night	Check if the solar panel is blocked from the sunlight by houses, trees and other obstacles	Clear obstructions or change installation location
		Check if there is any artificial light source(s) illuminate on the solar panel at the night	Remove the artificial light source(s) of interference or change the installation location
		Check the battery have power or not (There will be a green light flashing on microwave sensor if the battery have power)	Make sure cable connected, then put the solar lamp in strong sunshine charging 4~6 hours, then observe the lights at night.
		If all step above have no problem	Disconnect the cable between the solar panel and lamp, then connect it again, lamp will be lighting again
		Test battery voltage	If the battery is 0V, please replace by new battery. If the battery voltage is lower than 11 V, the battery has been protected automatically. Please use solar panel charge the battery directly (do not through solar charge controller), after full charged, battery voltage shows 14V or above 14V, then observe the lighting situation at night
		Test solar panel voltage	Test solar panel voltage at sunshine.if the volatge of solar panel lower than 10v, please replaced damaged solar panel
2	A serious shortage of working time	Check if the solar panel is blocked from the sunlight by houses, trees and other obstacles	Clear obstructions or change installation location
		Check if the surface of the solar panel is dusty or covered	Clean the surface of solar panels as detailed above
		Confirm the working mode is correct or not	Use the remote control to readjust the working mode to M
		Lighting installation area is a long time cloudy and rainy days (more than 5 days)	Under normal circumstances, sunny day after charging the solar panel to observe the lights at night
3	Lights fail to turn on properly when humans approach	Check the working mode is corret or not	adjust working mode to M or U
		Check if the air temperature close to human body temperature	when the air temperature us close to human temperature, motion detection may slow down. It will return to normal after the air temperature changes
		Check if the installation height is too high	It is out of motion sensor detection range when installation height exceeds 8m. It is recommend to reduce the height or use other operating modes
		Check if there is a long rainy and cloudy, when power is not enough, the light will turn to smart power mode compulsorily to ensure long time lighting, Even it is sensed, the light won't turn to brighter mode.	When sunshine is good, the light will turn to normal working mode again automatically and has sensor function.

PALM TREE SERIES

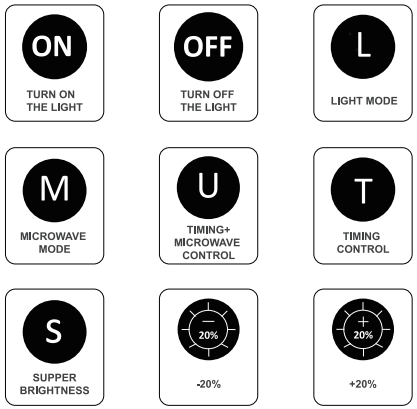
Foldable All In One Solar LED Street Light

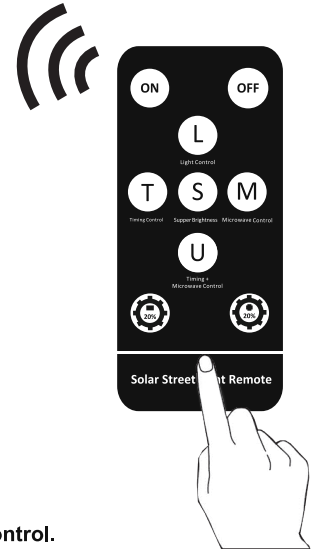
User Manual

Thank you for choosing the PALM TREE SERIES Solar Street Light. For any questions, please email us.

Please refer to the actual products if the provided diagrams show slight differences.

Remote Control Technology





To choose working mode from 5 smart modes with remote control.

Working modes can be chosen from:

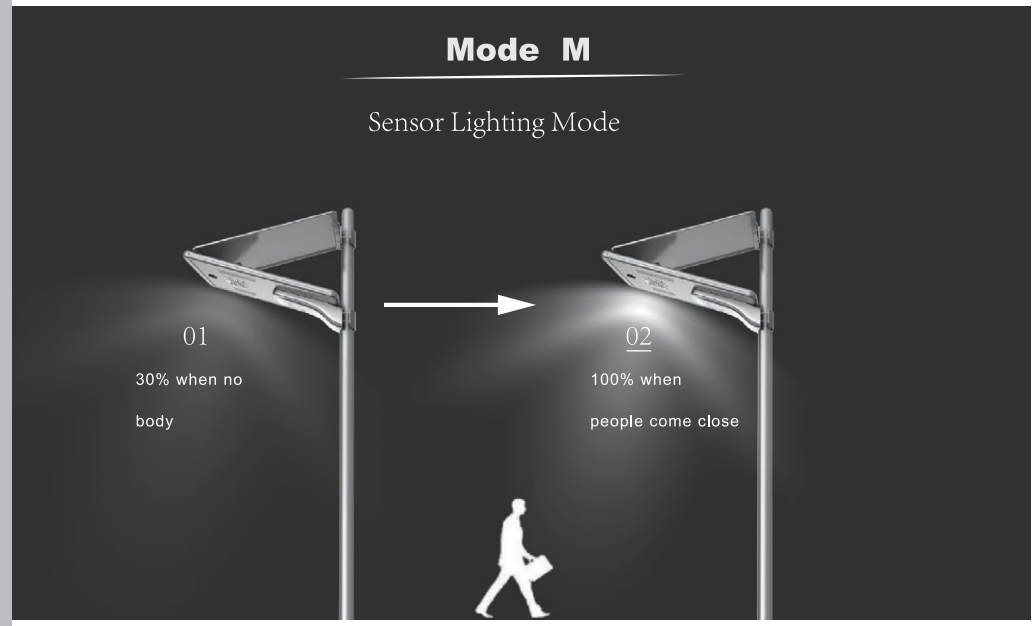
- ON: Turn on the light
- OFF: Turn off the light
- L: 2hrs-100%, 2hrs-70%, 8hrs-20%
- M: 100% when detect any movement, 30% no movement
- U: 2hrs-100%, 2hrs-70%, 2hr-50%; sensor start working, when detect movement 50% , 20% no movement.
- T: 1hrs-50%, 4hrs-100%, 3hr-50%, 4hr-25%
- S: 6hrs-100%, 6hrs-50%
- -20%: decrease 20% brightness based on original working mode
- + 20%: increase 20% brightness based on original working mode

Remark:

* Default is M mode, you can choose the best mode according to different sunshine condition.
* To ensure long time lighting, we do only suggest M or L mode.

If need to change lighting mode, pls use the remote at night

When press Button to change mode, light will turn off for 5 seconds and then turn on again for new lighting mode.



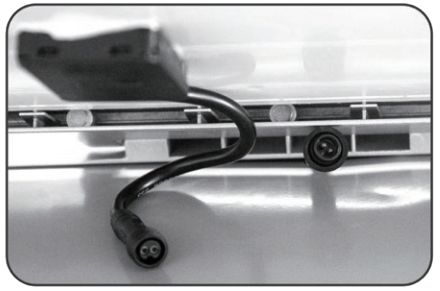
Packing List

When opening the package, please confirm that all parts are received as listed below:

Components	40W-120W	Images
Unit main body	1pc	
Big anchor ear	1pc	
Small anchor ear	1pc	
M8x60 screw	6sets	
Φ6mm Allen key	1pc	
Open spanner	1pc	
User Manual	1pc	
Remote control	1pc	

Installation

1.Connect the cable between solar panel and lamp



2.Fix solar street light on to the pole with 6 pcs screws.

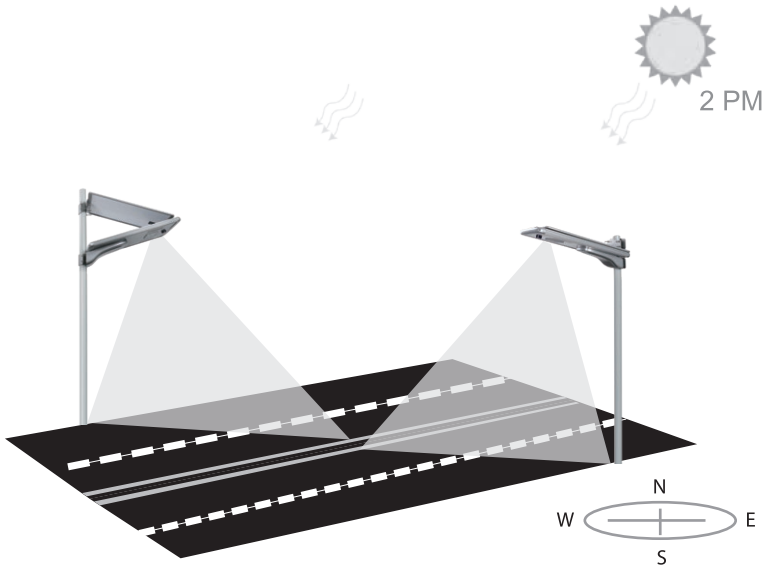
Poles difference (suggest pole diameter 76mm)

If the pole diameter between 40~76mm, use matched screws (with nut);

Diameter Φ40~76mm

If the pole diameter between 79~89mm, please remove the nut.

Diameter Φ79~89mm



Installation Height and Distance

Install according to the height and distance (between the lamps) restrictions as set by each respective product type. Consult our product specialists for special lighting requirements.

Power	Height of pole	Distance between pole
40W	4~6m	15~20m
64W	6~8m	20~25m
100W	7~9m	25~30m
120W	8~12m	30~35m

How to turn on our solar street lights ?

Notice: Please do not need Press ON button of remote to turn on the lamp, because our PALM units have Automatic Activation Function.

Activation:

Palm tree solar street light will be automatically lighting at night without any manually operation. Palm tree solar street light will turn on at dusk and turn off at dawn automatically.

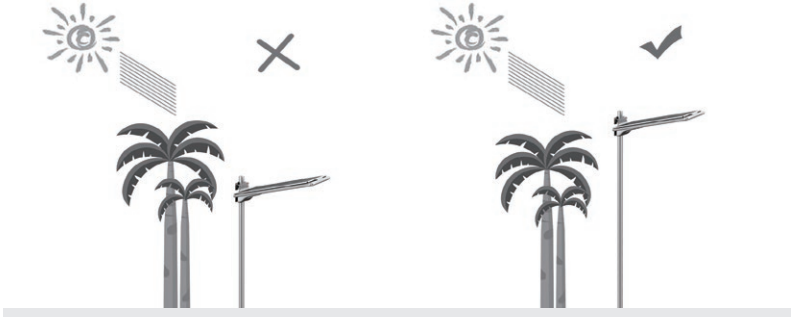
If you want to check whether the PALM Unit are lighting during the daytime:

1.Please cover the solar panels with shelters, it means at night, and then connect the cables, the lamp will be lighting.

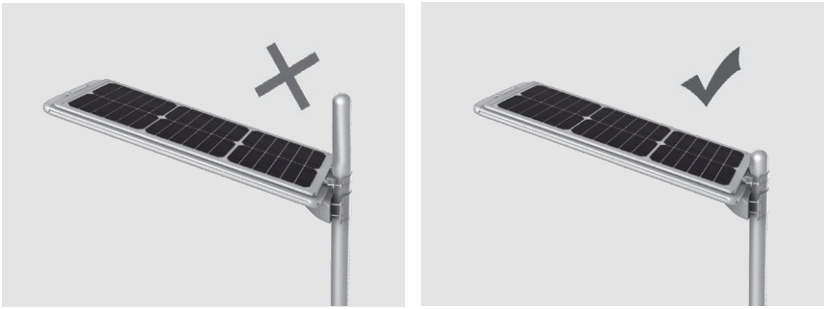
2. If you take down the shelters, it means at daytime, the lamp will be off automatically.

Installation caution

1.Trees or building do not exceed lamp too high, in case of shadows on solar panel

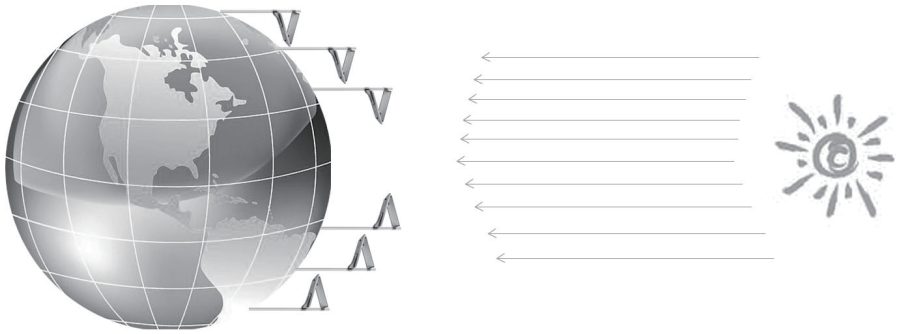


2.Pole do not exceed lamp too long, in case of shadows on solar panel



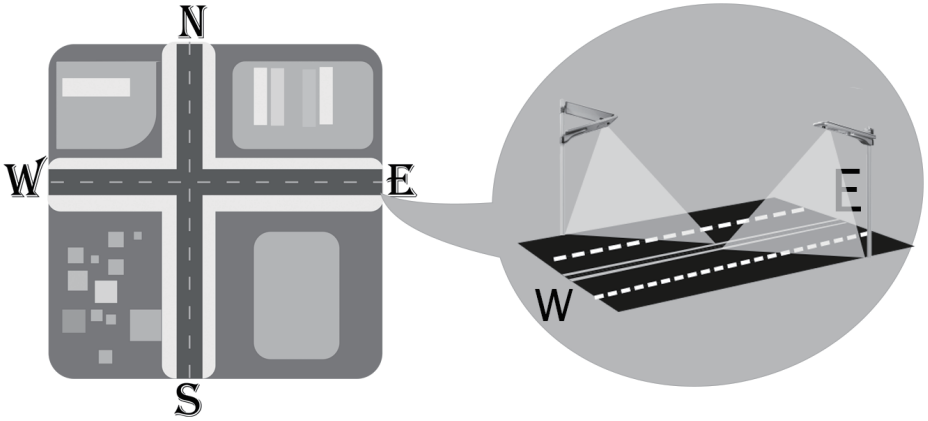
When need to fold or unfold?

In the northern hemisphere,the sun shines from the south
In the southern hemisphere,the sun shines from the north



In order to ensure the solar panel face the sun,when will it fold or unfold?

In northern hemisphere, unfold in north side of road, fold in south side of road
In southern hemisphere, fold in north side of road, unfold in south side of road



If any question, you can ask us or watch installation Video from our website.