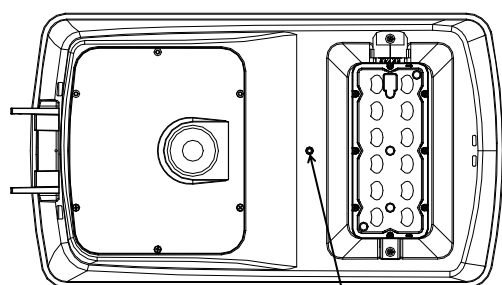


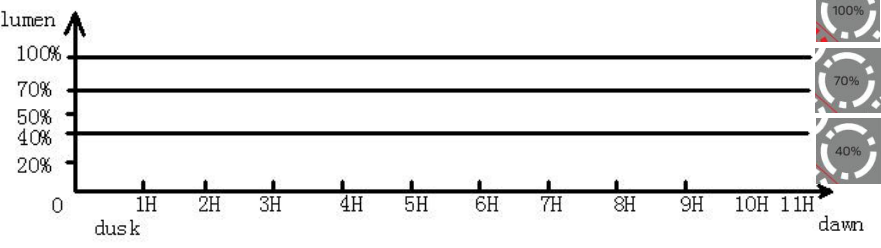
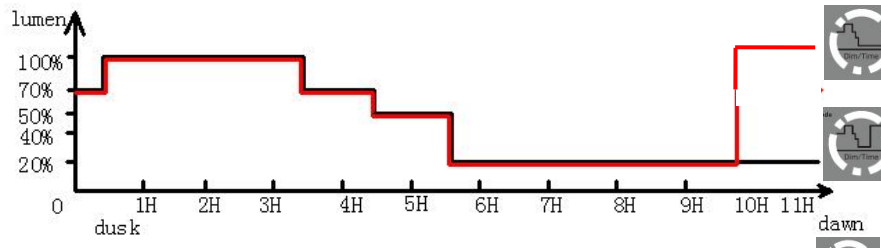
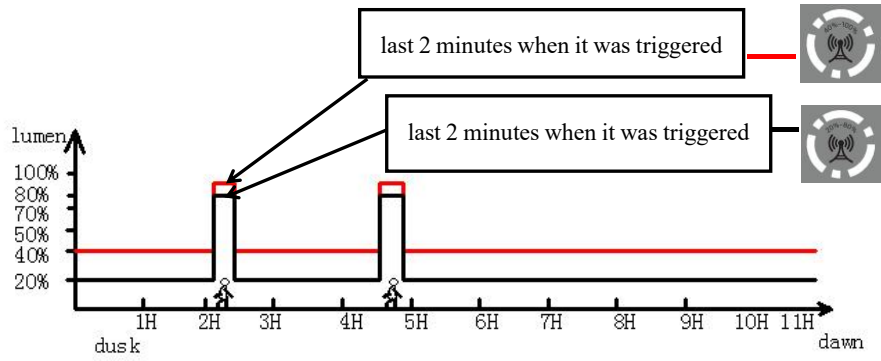
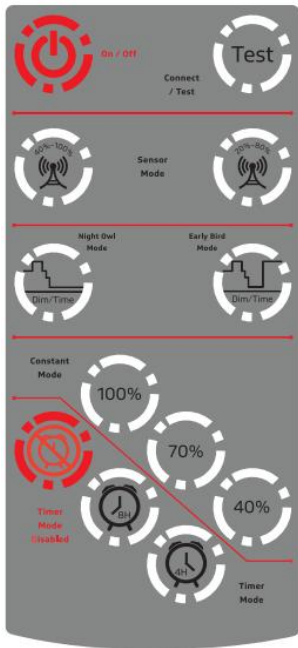
INSTALLATION MANUAL

Warning and Attention:

1. The average sunshine in the installation area should be above 3.5h/day in order to ensure full function of the lighting fixture.
2. To avoid over discharge of the battery during storage, please recharge the lighting fixture every 3 months.
(press the switch when charging ,use the dedicated charger (not provided) to charge ,reset the switch when done)
3. Before installation, please ensure the light pole foundation is solid enough to withstand lighting fixture.
4. Optimize the lighting fixture positioning in order to optimize its exposition to sunshine. Always face the equator.
(solar panel to face south if in northern hemisphere for example.)
5. In order to allow self-cleaning, please have a minimum angle of 15 degrees.
6. Before installation, please check if the battery is fully charged. Please proceed to the installation during sunny days if possible.
7. Adjust the lighting fixture angle to optimize its exposition to sunshine and the LED module angle toward the area to bright up.
8. Before installation, please press the ON/OFF key in the remote control and check whether it shows red light on the sensor.
Please cover the panel and check if the light module turns on, normally within 1 minute.
9. Select the necessary operation mode with the remote control. Please refer to the instruction manual of the remote control for further information.
10. Use the dedicated tool (not provided) to disassemble the anti-theft screws.
11. Please select the right operating mode according to the local legislation needs and the local sunshine conditions.
12. Half out put when the battery capacity less than 40%
13. After installation, the lighting fixture will automatically turn on at night and turn off during daylight.



Charging point, DC16V-19V 3.8A MAX



8W:Light last 13 hours
20W:Light last 11 hours
30W:Light last 11.5
8W:Light last 18.5 hours
20W:Light last 15 hours
30W:Light last 16 hours
8W:Light last 32 hours
20W:Light last 27 hours
30W:Light last 28 hours



“ON/OFF” Working/Standby key



Induction mode

Suitable for areas and seasons with short sunshine time



Time control mode

Suitable for areas and seasons with long sunshine time



Constant brightness mode

Suitable for areas and seasons with long sunshine time



Test mode: Test the function of the product is normal

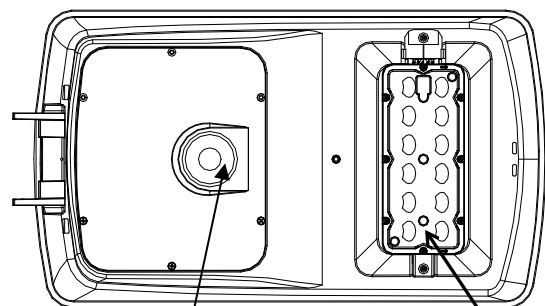
MPPT - DCLi controller LED indications and Faults & Alarms

Red indicator:

1. Under charging, the red light flashing slowly
2. Full charged, the red light stay lit
3. charge fault, the red light flashing quickly

Green indicator:

1. Battery power more than 10%, the green light stay lit
2. Battery power less than 10%, the green light flash slowly



Red and green indicator

light module

Mode switching indication of remote control:

The light module will flash twice when the light fixture received the signal from remote control

Application Item:

Item	MODEL	CHARGING TIME	FULL POWER LASTING TIME	WALT	LUMEN	NET WEIGHT	DIMMING
A	JLS-G2SS-8	7H	13H	8W	1600LM	5.27KG	Use the remote control to adjust
B	JLS-G2SS-20	7H	11H	20W	4000LM	9.7KG	Use the remote control to adjust
C	JLS-G2SS-30	7H	11.5H	30W	6000LM	13.5KG	Use the remote control to adjust



Installation Accessories:

Item	Fixed arm mounting	Slip fitter mounting	U-Trunnion mounting	Square-Hoop Mounting	Round -Hoop Mounting
8W Solar Streetlight			<p>1. Wall mounted 2. Square pole above 100mm</p>	<p>1. Round pole : $\Phi 50$-$\Phi 90$mm 2. Square pole: 50-90mm</p>	<p>Round pole: $\Phi 50$-$\Phi 110$mm</p>
20W Solar Streetlight			<p>1. Wall mounted 2. Square pole above 120mm</p>	<p>1. Round pole: $\Phi 60$-$\Phi 100$mm 2. Square pole : 50-100mm</p>	<p>Round pole: $\Phi 50$-$\Phi 120$mm</p>
30W Solar Streetlight			<p>1. Wall mounted 2. Square pole above 120mm</p>	<p>1. Round pole: $\Phi 60$-$\Phi 100$mm 2. Square pole : 50-100mm</p>	<p>Round pole: $\Phi 50$-$\Phi 120$mm</p>

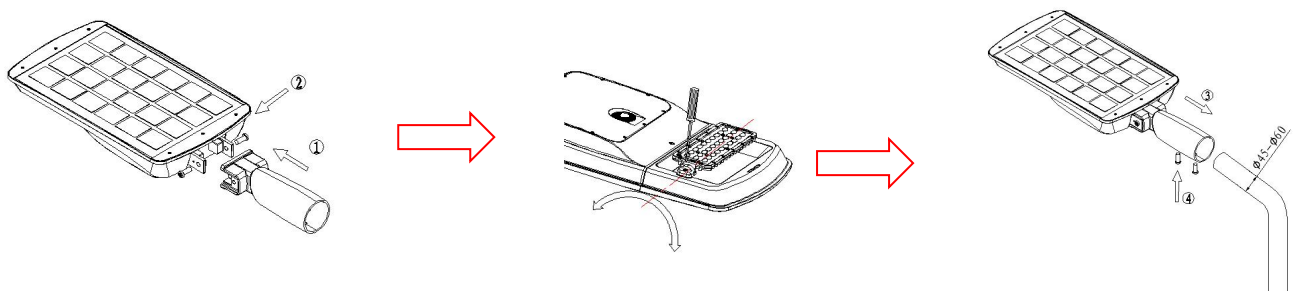
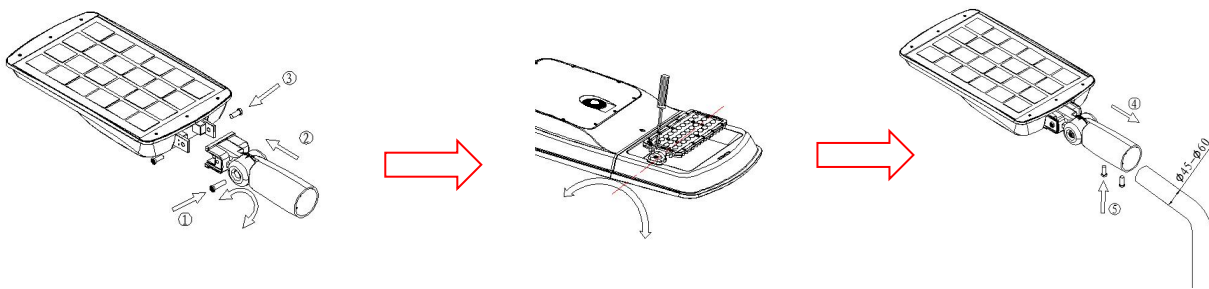
Pre-installation checks & tests

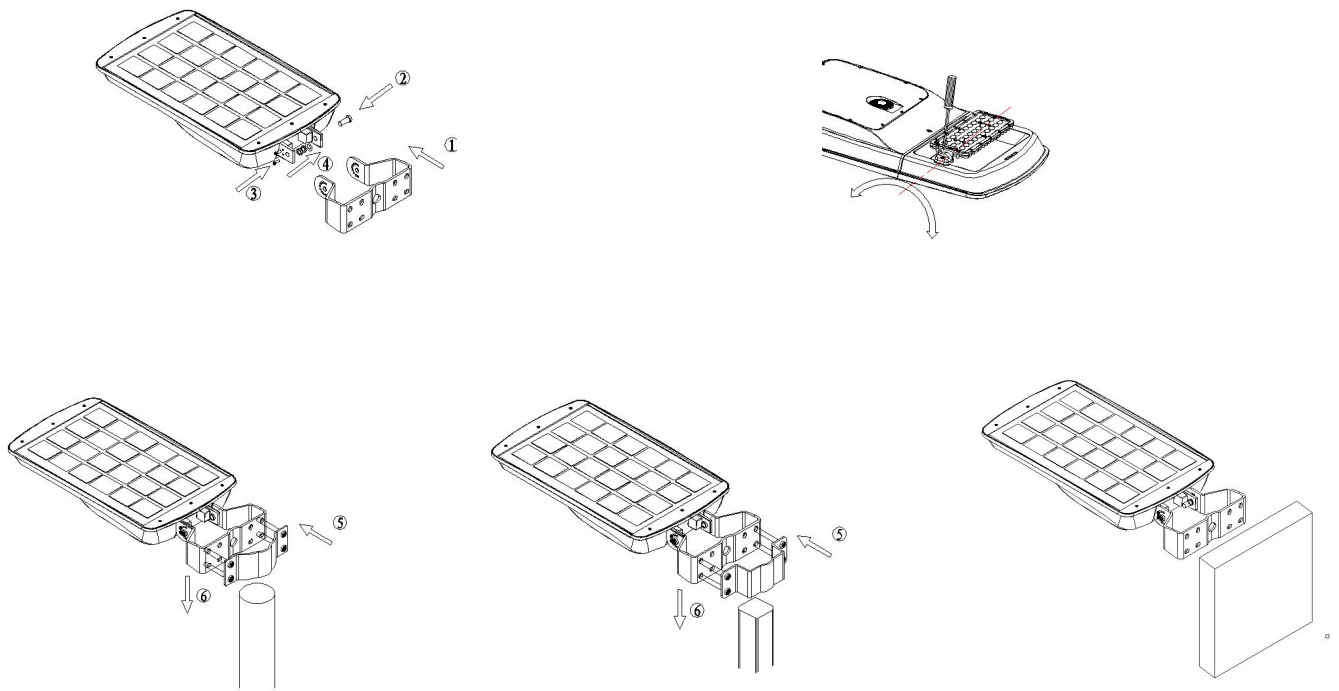
Please make sure you conduct these tests and checks before mounting the solar light.

1. Remove the security plug from the remote control.
2. Press the ON/OFF button on the remote control.
3. Check that the red indicator light within the sensor is illuminated.
4. If the red indicator light within the sensor is not illuminated, cover the panel and check if the solar light turns on (normally within 1 minute).
5. If the green indicator light within the sensor is illuminated, use a charger to charge the inbuilt battery. Chargers are not included in each box (need to be purchased separately) . It may require a few hours to charge the inbuilt battery.
6. Before installation ensure battery is charged.
7. We highly recommend charging all solar lights before installation for a minimum of 4 hours before installation to ensure maximum operation, particularly in times of minimal sunlight or areas of limited sunlight. (lights need to be ON to enable solar charging)
8. To ensure battery life, the solar lights should be charged every 3 months when unused.
9. Ensure the pole or mounting surface you are installing the solar light on is suitable for mounting the weight and wind effects on the solar light.

Installation:

1. Using the dedicated tool to assemble the light body and the mounting accessories, adjust the light fixture and LED module to the suitable angle.
2. Install the light to the round pole, square pole or wall, tighten the screws and the nuts when fixed.
3. Make sure the switch was pressed after installed.

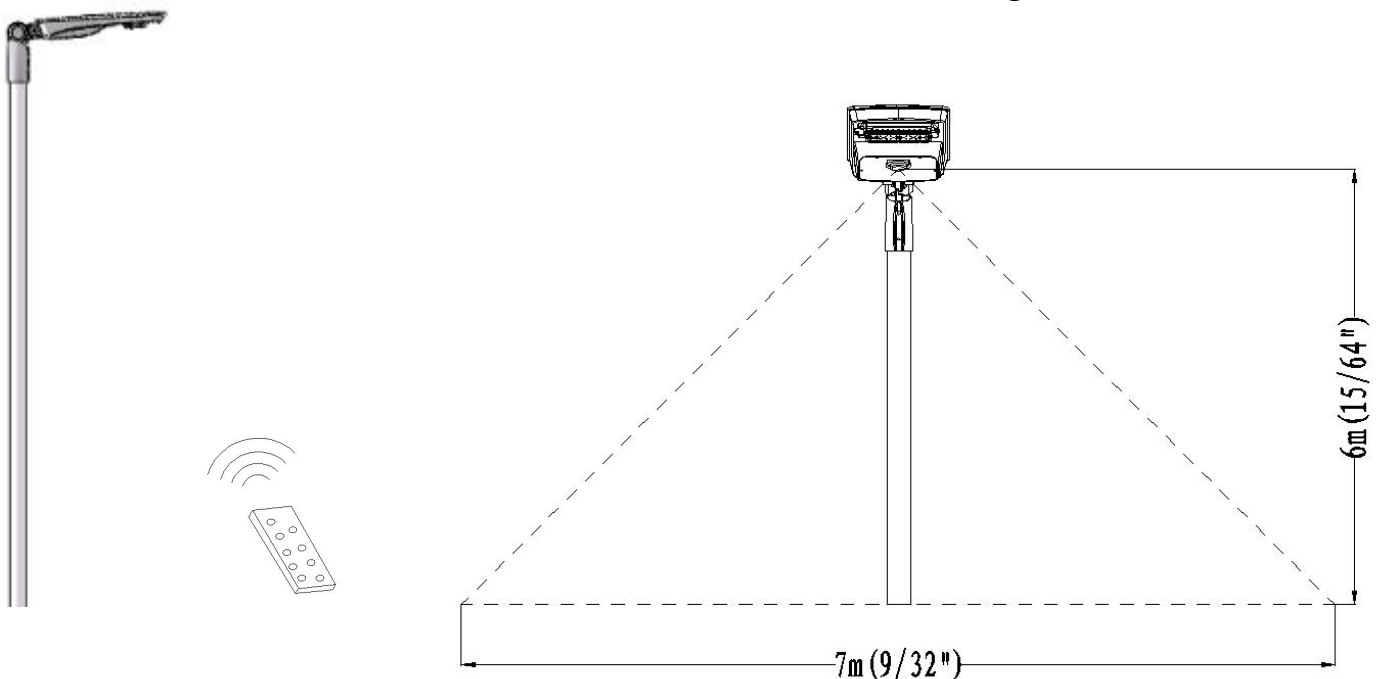




Adjustment steps

1. Select the right operating mode according to the usage requirements and the local sunshine conditions
2. Remote control distance maximum 6-7 meters
3. Remote control has direction, please aim at the lamp operation
4. The remote control has directionality, please aim at the lamp to operate the infrared remote control in sunny days, affecting the remote control distance, the stronger the sunlight, the shorter the control distance (About 157 inch), no influence at night
5. When the remote control distance becomes short or there is no response, replace the battery of the remote control in time

Sense area diagram



Replacement and Maintenance operations:

In case of battery failure or end of life, loosen the screws on the battery cover, disconnect the wire connectors, replace the whole battery cover kit (including smart control system, battery, cover) , connect the wires and tighten screws.

