

SOKOYO[®] Installation Instructions
Light up every road back home Nova All in One Solar Street Light

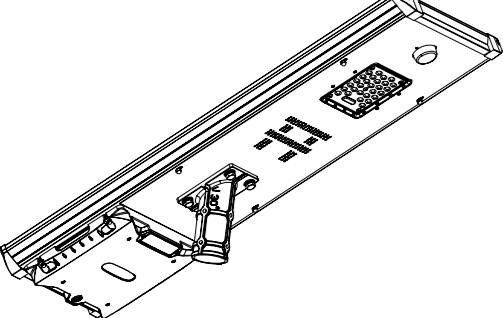
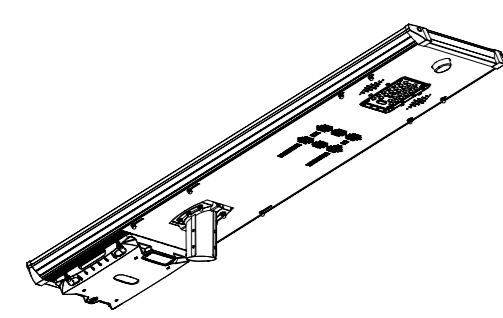
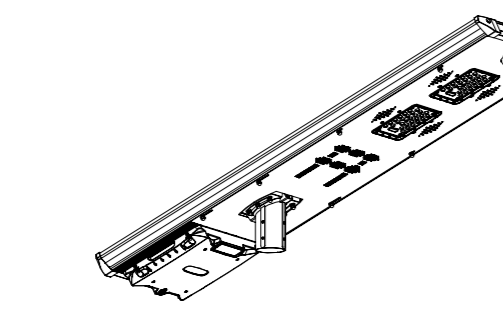
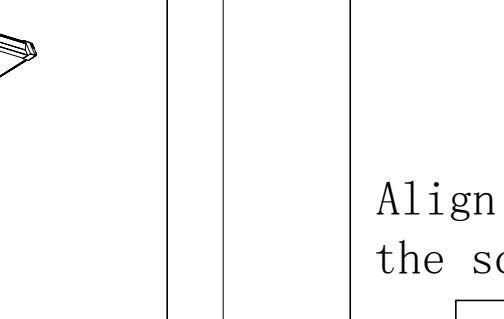
1. Instructions for use

This product contains solar panel, lithium battery, controller and LED modular light source, with the parameters indicated on the product nameplate. The light source part of this lamp adopts module design, easy to replace.

2. Application sites

Mainly used in new rural roads, urban main roads or slow-moving roads, branch roads, and road lighting in tourist attractions, parking lots, parks, squares and other public places.

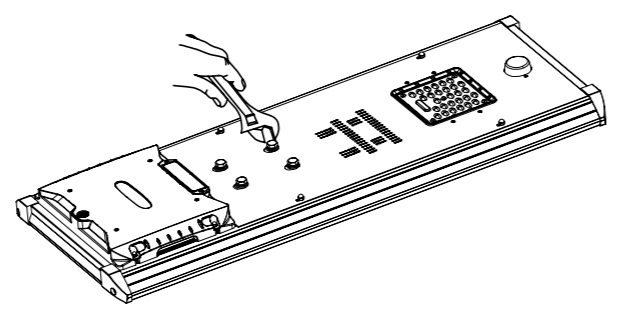
3. Product specifications

Product Images				
Product Name	KY-Y-YF-001	KY-Y-YF-002	KY-Y-YF-003	KY-Y-YF-004
Module Number	1PCS	1PCS	2PCS	2PCS
Solar Panels	High-efficiency Monocrystalline solar panel 18V/60W	High-efficiency Monocrystalline solar panel 18V/90W	High-efficiency Monocrystalline solar panel 18V/120W	High-efficiency Monocrystalline solar panel 18V/120W
Battery	LiFeP04 Battery 12.8V/30AH	LiFeP04 Battery 12.8V/42AH	LiFeP04 Battery 12.8V/48AH	LiFeP04 Battery 12.8V/60AH
Rated Power	30W	40W	50W	60W
Color Temperature	<input type="checkbox"/> 3000K <input type="checkbox"/> 4000K <input type="checkbox"/> 5000K <input type="checkbox"/> 5700K <input type="checkbox"/> 6500K			
Light Efficiency	130-170LM/W			
CRI	Ra≥70			
Working Temperature	-10℃~+60℃, 10%-90%RH			
Installation Height	4-6m	4-6m	6-8m	
Lamp Dimension	1090x423x89mm	1057x518x89mm	1367x518x96mm	
IP Rate	Module IP67			
Mount Diameter	∅60	∅76	∅76	
Wind Resistance Class	14	14	14	
Lamp Net Weight	18KG	19KG	21.5KG	22.5KG
Packing Dimension	1160x480x150mm	1105x580x150mm	1410x580x150mm	

4. Luminaire Installation

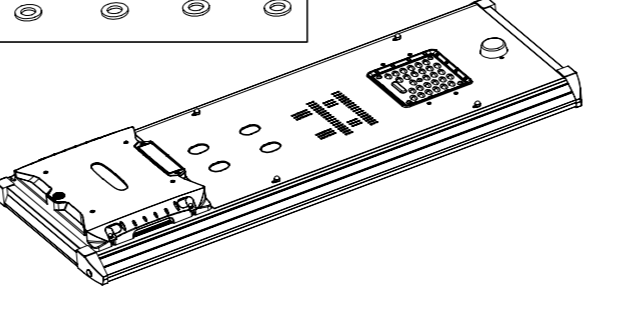
(一). KY-Y-YF-001 installation

1



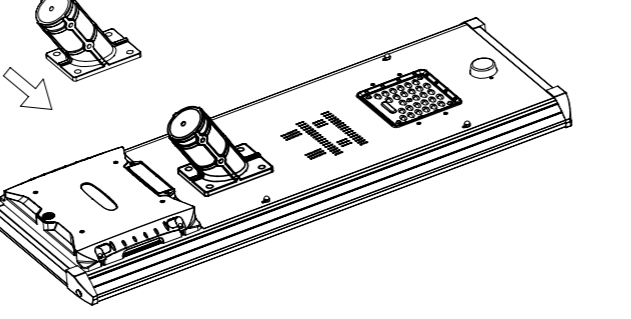
Use a wrench to loosen the four hex bolts.

2



Separate the four outer hexagon bolts, spring washers, and flat washers from the lamp body.

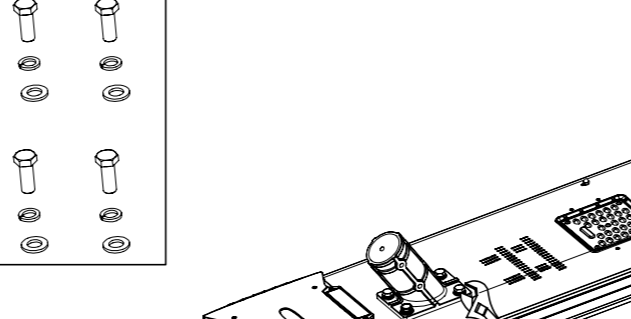
3



Align the socket fixing holes with the screw holes.

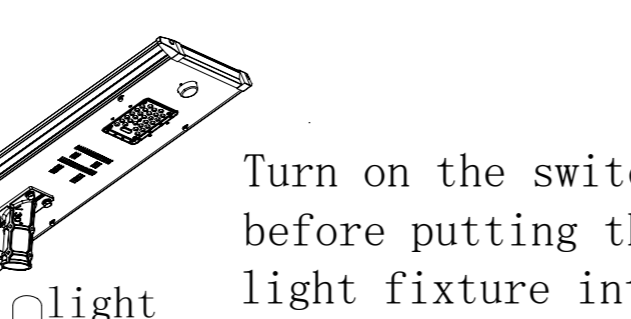
Sleeve angles are available in 15°, 30°, 45°

4



Use a wrench to fix the four outer hexagon bolts, spring washers and flat washers to secure the sleeve.

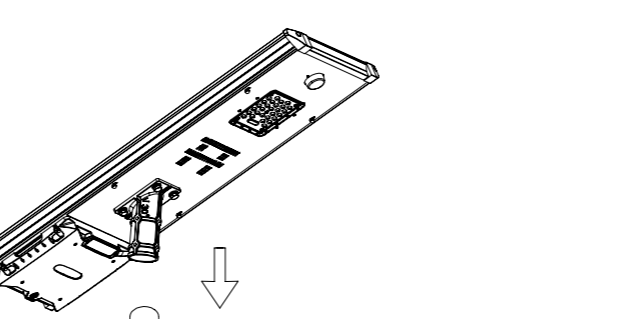
5



Turn on the switch before putting the light fixture into the light pole to ensure it can work normally before mounting on the light pole.

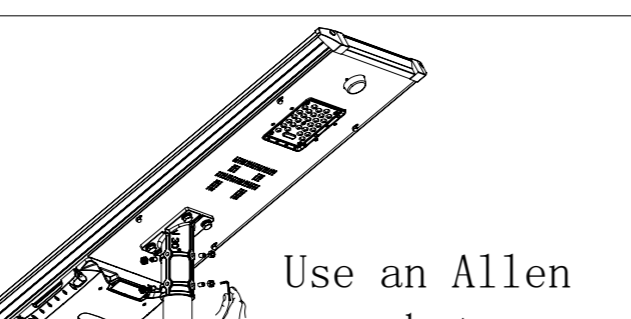
switch position

6



Align the light fixture with the light pole, and adjust the direction well.

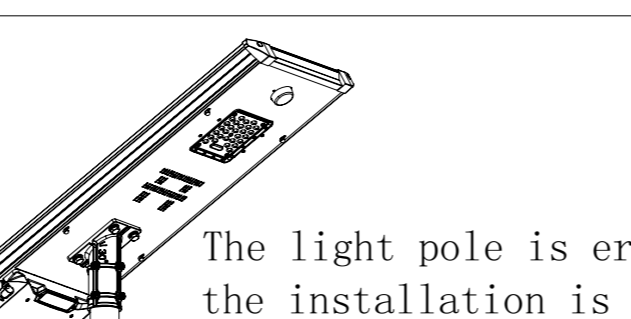
7



Use an Allen wrench to secure the light fixture with the eight Allen set screws and nuts.

8x8 8x8 8x8 8x8 8x8 8x8 8x8 8x8

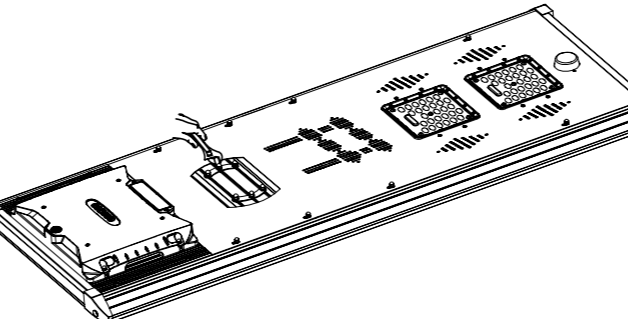
8



The light pole is erected and the installation is complete. Note: In the northern hemisphere, the panels should be installed facing south, and in the southern hemisphere, the panels should be installed facing north.

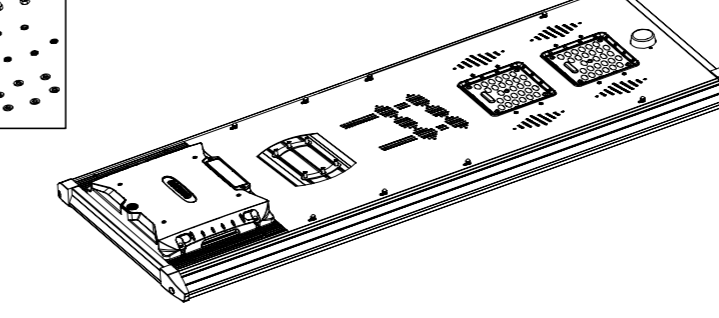
(二). KY-Y-YF-002/003 installation

1



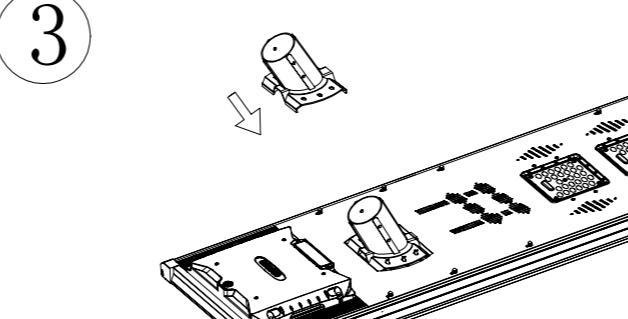
Use a wrench to loosen the six nuts.

2



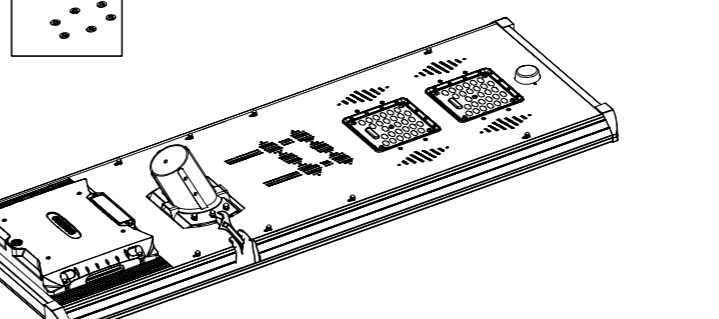
Separate the six nuts, spring washers, and flat washers, and place the curved washers and screws in place and align them with the socket fixing holes.

3



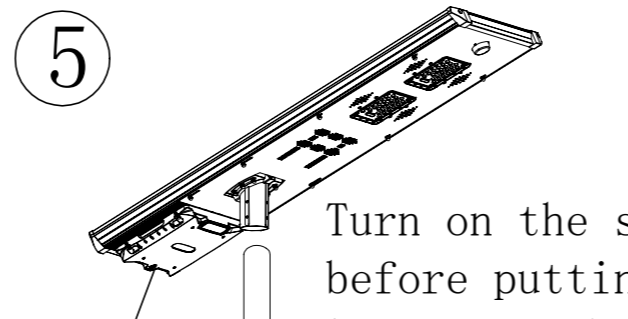
The sleeve angle is fixed at 25°. Align the socket fixing holes with the screws.

4



Use a wrench to fix the six nuts, spring washers and flat washers to the sleeve.

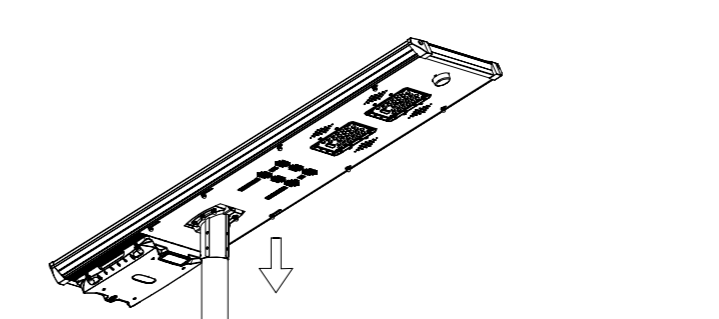
5



Turn on the switch before putting the lamp into the pole to ensure that the lamp can work normally before it is installed on the pole.

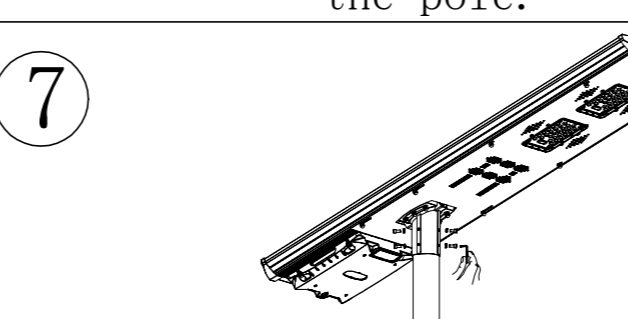
switch position

6



Align the light fixture with the light pole, and adjust the direction well.

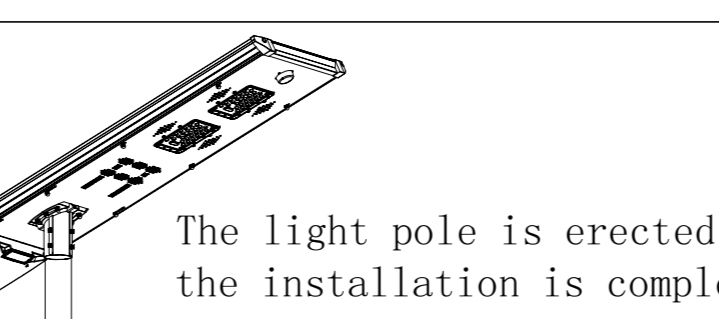
7



Use an Allen key to secure the light fixture with eight Allen screws and nuts.

8x8 8x8 8x8 8x8 8x8 8x8 8x8 8x8

8



The light pole is erected and the installation is complete. Note: In the northern hemisphere, the panels should be installed facing south, and in the southern hemisphere, the panels should be installed facing north.

How to check whether the lamp is working properly:

1. The whole process should be handled with care, paying attention to personnel safety and product integrity.
2. After the lamp is taken out of the packing box, find something to cover the photovoltaic panel so that it cannot be penetrated by light.
3. Turn on the switch and wait for 10S to enter the discharge mode. In the discharge mode, the indicator light is always on and the light source is always on.
4. After the light is on, remove the shield on the photovoltaic panel, point the photovoltaic panel to the sun, and wait for 10S to enter the charging mode. In charging mode, the indicator light flashes slowly and the light source goes out.
5. At this time, the whole system is in normal state and can be installed normally.

Induction probe indicator light signal description:

1. Always on, it means the battery is working normally;
2. Off, it means the battery is not working;
3. Slow flashing means the system is charging;
4. Fast flashing means system failure.

5. Attention

1. The product must be fully packaged and transported to avoid collision;
2. The debugging of the controller should be operated according to the instruction manual;
3. The working voltage of this type of lamp is based on the product specification and reference product label;
4. The maintenance or replacement of lamps and lanterns requires qualified personnel to replace them to avoid danger;
5. The installation location should avoid obstructions, such as buildings, trees, wires, etc. Ensure that the solar panels have sufficient lighting;
6. If the product has not been used for more than three months, please recharge the battery for two days before use under sufficient sunlight to ensure the best use of the product;
7. In areas with less rain, it is recommended that the battery panel be cleaned once a month. In areas with a large amount of dust, increase the cleaning frequency appropriately according to the dust accumulation on the battery board.

Jiangsu Sokoyo Solar Lighting Co., Ltd. reserves the right to make improvements to its products. If this product is improved in the future, no notice will be given.