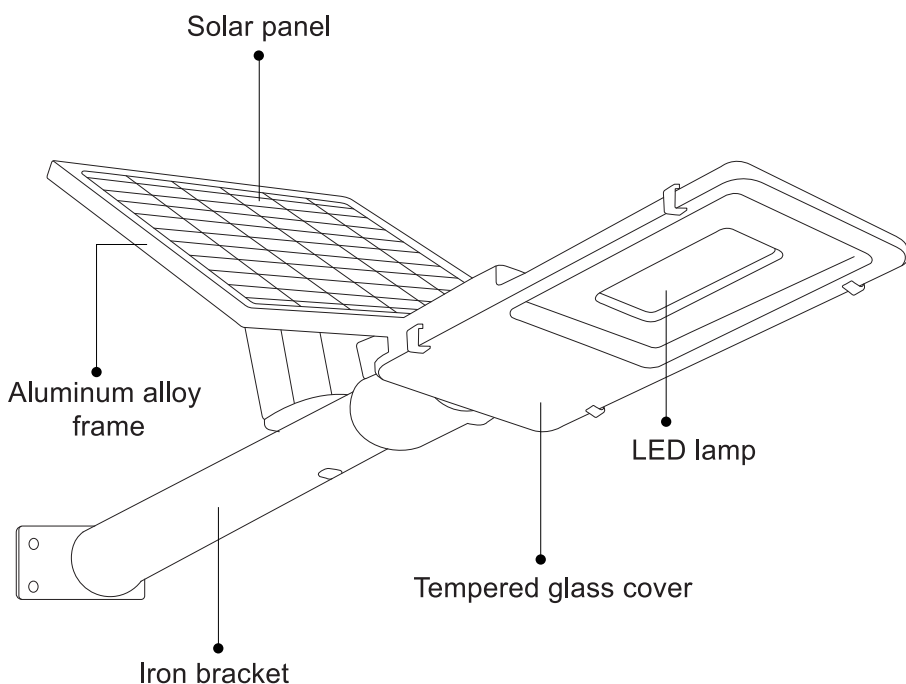


Energy-Free Solar Street LED Light System(FF5)

PRODUCT DESCRIPTION

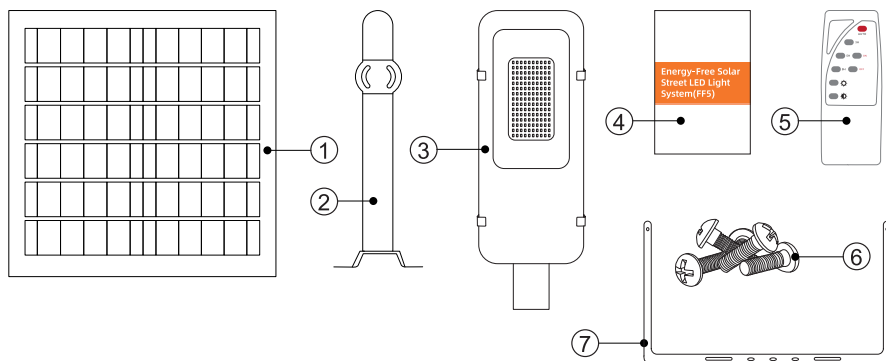
The company's solar street lights use high-quality LED, which have high brightness, power saving, energy saving, and environmental protection. The light body is made of high-strength aviation aluminum alloy and high-quality plexiglass. It is manufactured through a special process and is resistant to fall and wear. , Waterproof, low temperature resistance, strong practicability and other good performance. The power consumption is only one-tenth of that of ordinary lights. Suitable for household and commercial lighting, such as: courtyard lighting, park lighting, square lighting, road lighting, etc.

PRODUCT STRUCTURE



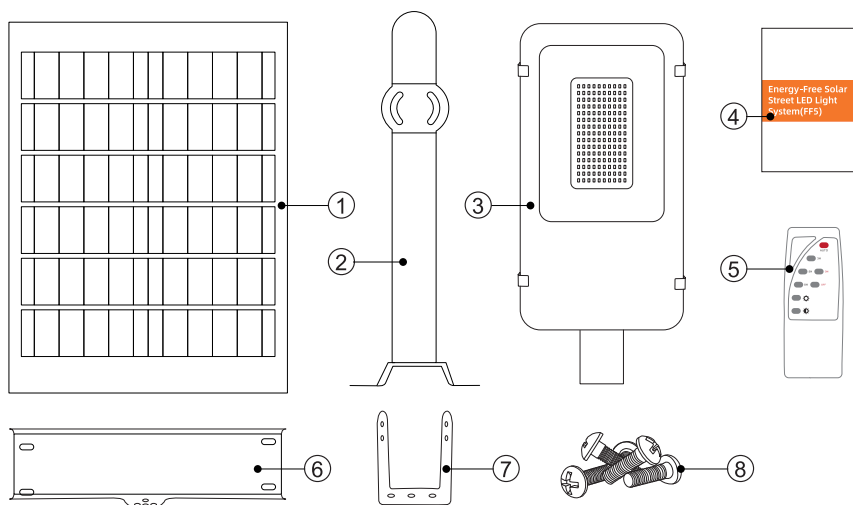
PACKING LIST (When this list is different due to different installation carriers, please refer to the actual receipt.)

Small models:



- ① Solar panels
- ③ Lamps
- ⑤ Remote controls
- ⑦ Solar panel brackets
- ② Lamp brackets
- ④ Manuals
- ⑥ Screw packs

Large models:



- ① Solar panels
- ③ Lamps
- ⑤ Remote controls
- ⑦ U-shaped brackets
- ② Lamp brackets
- ④ Manuals
- ⑥ Solar panel brackets
- ⑧ Screw packs

INSTALLATION INSTRUCTIONS

Instructions for precautions before installation:

- ① Read this manual before use;
- ② In order to ensure the service life of the product, please do not use it in a place with strong acid mist;
- ③ Please do not install in an flammable, explosive or corrosive environment;
- ④ Before installation, ensure that the installation location can bear 10 times the weight of the product, and install it in a place with no vibration, swing and no fire hazard;
- ⑤ Connect the lamp to the solar panel, the solar panel is facing the strong light, the lamp is not on, unplug the connection line, the lamp is on, indicating that the lamp is normal;
- ⑥ Use the remote control to face the front of the lamp, follow the instructions of the remote control to verify whether the lamp and the remote control are normal, and then follow the installation instructions to install after all operations are confirmed;

The installed solar panel cannot be blocked by buildings or trees, and it is also necessary to avoid lighting at night, let alone install the solar panel indoors.

INSTALLATION REQUIREMENTS (Large Models)

Note: The installation of the small model is relatively simple. Remove the U-shaped bracket of the large model and directly fix it on the lamp bracket with the solar panel bracket.

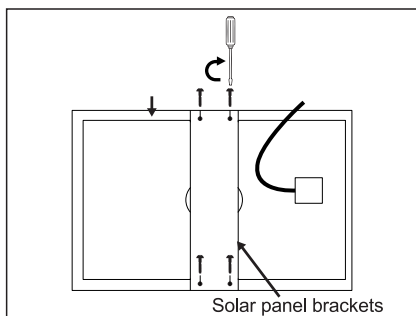


Figure 1: Put the solar panel bracket on the back of the photovoltaic panel, align the holes, and then tighten it with a screwdriver with a 4-head Phillips screw and a flange nut.

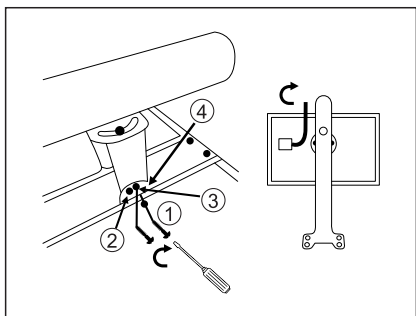


Figure 2: Match the No. 5 hole of the U-shaped bracket to the No. 1 hole of the lamp bracket, and the No. 6 hole to the No. 2 hole of the lamp bracket. Then tighten it with 2 external hex screws.

Note: The No. 1 hole of the U-shaped bracket is a positioning hole, and the No. 2/3/4 holes are holes for adjusting the angle of the solar panel.

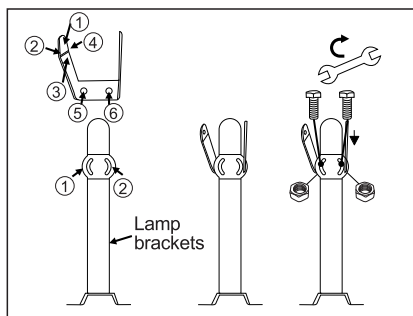


Figure 3: Connect the assembled solar panel support in Figure 1 and Figure 2 to the U-shaped bracket. First use 2 Phillips screws to fix the No. 1 holes on both sides of the solar panel bracket to the No. 1 holes on both sides of the U-shaped bracket, then adjust the angle of the solar panel, and then use 2 Phillips screws to lock the solar panel bracket and the U-shaped bracket respectively. One of the 2/3/4 angle holes.

Note: The No. 1 hole of the solar panel bracket is a positioning hole, and the No. 2/3/4 holes are holes for adjusting the angle of the solar panel.

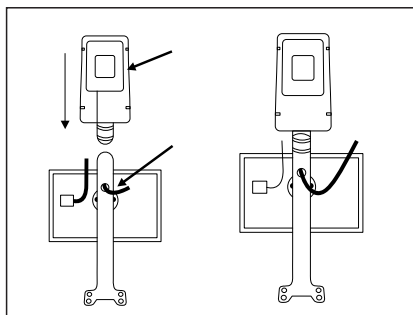


Figure 4: The street lamp head electric display is inserted into the lamp holder tube and then the small hole is passed out, and then the lamp holder is inserted into the lamp holder tube, and then the lamp holder is locked with 2 screws.

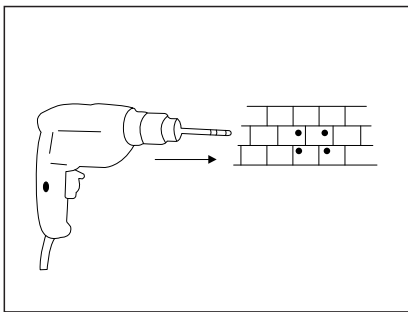


Figure 5: Use an electric drill to drill 4 explosive screw holes on the wall according to the hole positions on the fixture bracket.

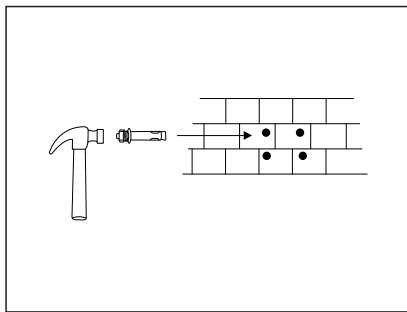


Figure 6: Use a hammer to drive the explosive screw into the wall hole. (This step shares 4 explosive screws)

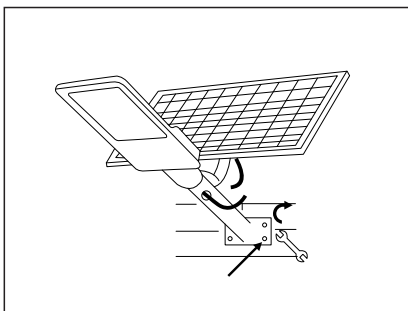


Figure 7: Hang the assembled lamp body against the explosion screw, and then tighten it with a wrench.

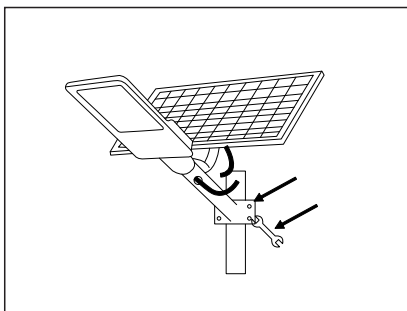


Figure 8: If it is installed on a pole, it can be locked on the pole with the holding piece in the accessory kit and 4 external hexagonal screws. (This step shares 4 external hexagonal screws)

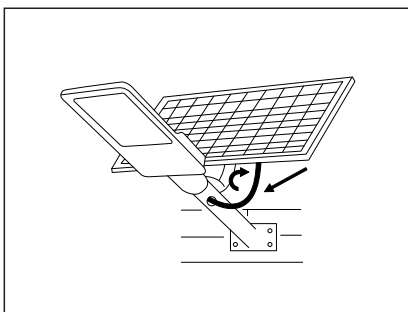
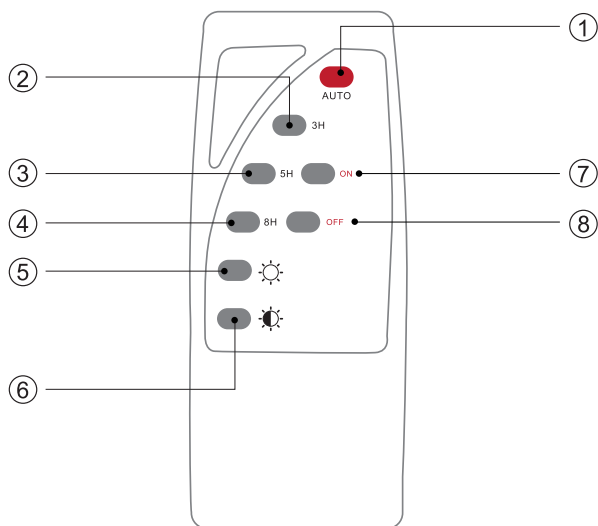


Figure 9: Connect the male and female of the lamp holder and the solar panel to the wiring, plug them in and tighten the waterproof nut, and the installation is complete

Remarks: Picture 7 and Picture 8 are two different carriers. When you receive wall fittings, you can skip Figure 8.

HOW TO USE THE REMOTE CONTROL



- | | |
|---|---|
| ① Turn on automatic light | ⑤ Adjust the brightness of the light |
| ② The light will turn off automatically after 3 hours | ⑥ Turn down the brightness of the light |
| ③ Turn off automatically when the light is on for 5 hours | ⑦ Turn on |
| ④ Turn off automatically when the light is on for 8 hours | ⑧ Turn off |

PRECAUTIONS FOR USE

- ① Please regularly check whether the thread of the lamp is detached, disconnected, and whether the bracket is loose, so as not to fall and hurt people when it is windy;
- ② Regularly clean the dust and debris on the surface of the solar panel every three months, so as not to affect the use effect;
- ③ The environment temperature of the lamp is -20°C - 60°C , use outside this temperature range may cause damage or abnormality of the lamp;
- ④ This lamp is powered by low voltage, please do not directly connect to AC power to avoid damage;
- ⑤ Do not soak the lamp in water;
- ⑥ The light source of this luminaire is irreplaceable. When the light source reaches the end of its life, the entire luminaire should be replaced.

WARNING



Because the light of the lamp is too strong, please do not irradiate human eyes. The bright and dazzling will cause blurred vision for a short time, especially for children.



This product is recyclable.



Product packaging is made of renewable materials and will not affect the environment.



Prohibit burning, keep away from fire.



Only suitable for installation on the surface of non-combustible materials.

PARAMETERS DATA

NO.	Model	Power(Watt)	Brightness(Lumens)	Size(mm)
1.	FF5-A	63W	500LM	333*98*60mm
2.	FF5-B	145W	800LM	382*129*60mm
3.	FF5-C	263W	1200LM	494*215*55mm
4.	FF5-D	486W	1400LM	494*215*55mm
5.	FF5-E	897W	2000LM	494*215*55mm

Note: All product parameters provided in this manual are our lab data, for reference only, and there is no actual way to use it.

TIPS

The Chinese standard testing standards for solar panels are:

AM1.5, 1000W/m²/25°C

Among them, 1000W/m² refers to the radiation intensity of solar energy, and the solar panel charging is the max when this value is reached.

In autumn, winter and cloudy and rainy days, the illuminance is relatively weak, and the charging effect will be significantly weakened, so the lighting time will be shortened, which is the same as solar water heaters. Solar panels, like other electrical appliances, have their own losses during use. The attenuation is about 3% in the first year, and gradually attenuates by 1% after the next year.