

ALL IN ONE SOLAR LIGHT User Manual

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PRODUCT DESCRIPTION

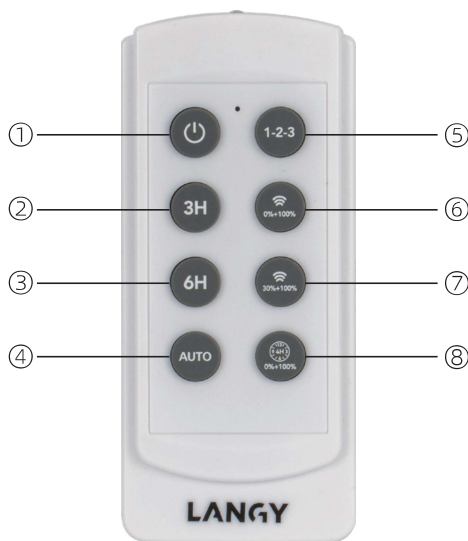
LANGY Solar street lights integrate a solar panel, an LED light source, and a battery into a compact. Perfect for unlit driveway, paths, roof, yards, farms, and countryside...

FOR FIRST TIME USE: The solar light needs to charge in full sunlight for 6-8 hours.

THE SOLAR LIGHT WILL START TO WORK UNDER RADAR MODE 2 AS A DEFAULT SETTING.

REMOTE CONTROL FUNCTION

PLEASE PRESS THE "ON" BUTTON ON THE LAMP FIRST BEFORE USING THE CONTROL.



* The remote control will be updated and replaced without any notice. Please take the actual product as the standard.

1. Turn ON/OFF
2. Stay on 3 hours and turn off.
3. Stay on 6 hours and turn off.
4. Stay on all night.
5. 25%/50%/100% Brightness Adjustment on Stay on Mode
6. Radar motion 1 (100% brightness when sensor motion, turn off when no motion)
7. Radar mode 2 (100% brightness when sensor motion, 30% brightness when no motion)
8. Go to Radar mode 1 after stay on 4 hours.

***You may decrease the brightness to keep a longer light time.**
***Any problem with using or install, please contact us (service@langy.cc).**

PACKING LIST

Packing list (1 Pack)

Solar Lamp	x1
Remote Control	x1
Bracket	x1
Wall insert Bolts	x4
Long bolts	x4
Black Plate	x1
Instruction Manual	x1

Packing list (2Pack)

Solar Lamp	x2
Remote Control	x2
Bracket	x2
Wall insert Bolts	x8
Long bolts	x8
Black Plate	x2
Instruction Manual	x1

Before installing the solar lamp, please check the package contents to ensure all parts are free of visible damage.

INSTALLATION

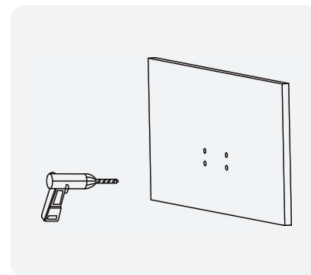
PLEASE PRESS THE "ON" BUTTON ON THE LAMP
Test the height and the spacing in between before installing.

Recommended installation height:

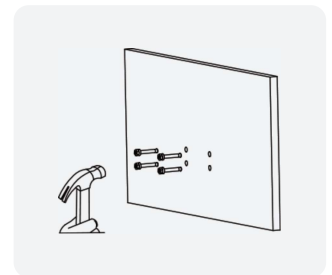
- < 16.4 ft for 60 watts
- < 22 ft for 90 watts
- < 26 ft for 120 watts

Install steps:

1. Marking the location

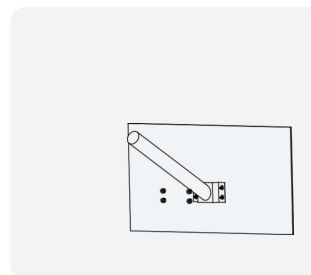


Mark the hole location where you want to mount. Drill 4 holes as per the location.

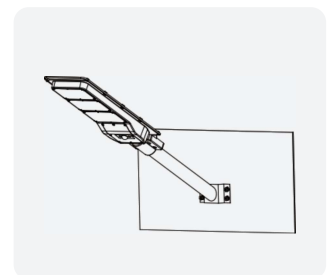


Knock the wall insert bolts into the wall and loosen the screws nuts.

2. Mounting the bracket



Fix the bracket on the wall with screw nuts.



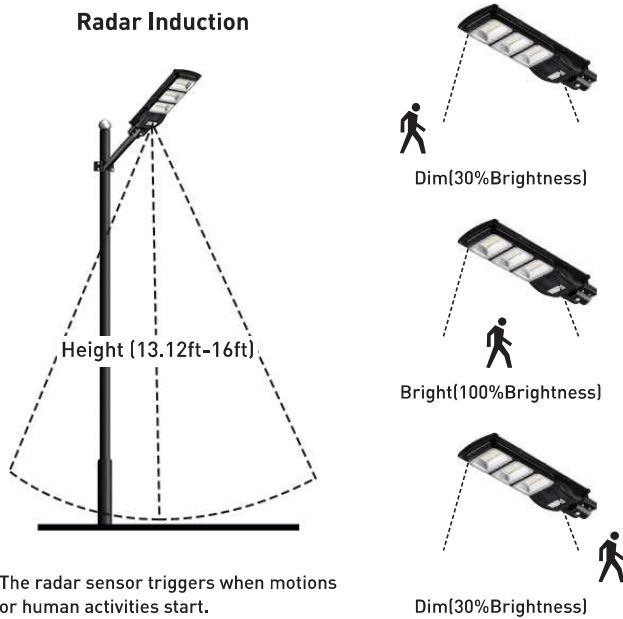
Adjust the angle of the lamp and fix it on the bracket.

* The short bolts are wall insert bolts.

* If you install the light on a pole, please use the long bolts and black plate to fix it.

HOW IS THE MOTION SENSOR WORK?

It lights at 100% brightness when motion is detected. It will back to 30% brightness after 20 seconds when no motion is detected.



The radar sensor triggers when motions or human activities start.

FAQ

Q: What is a solar LED street light?

A: Solar LED street lights are lights made of a crystalline silicon PV panel (power supply), smart controller, lithium battery (stock power), higher LED source and other components. A special PIR sensor can provide smart control capabilities or multi-function extension.

Q: What are the installation requirements?

A: Make sure the solar panel faces the sun in order to absorb maximum energy.

Q: What's type of battery do these light use?

A: A lithium-ion battery is a rechargeable battery in which lithium ions move from the negative electrode to the positive electrode during discharge and back when charging.

Q: How long dose the battery last?

A: Normally five to eight years.

Q:What is a controller?

A:Controllers are very important for solar street lights because they can remotely turn lights on or off. Some modern controllers are programmable so the user can decide the appropriate amounts of charging, lighting and dimming.



YouTube

Scan the QR code to watch the installation video

IMPORTANT SAFETY INFORMATION

LITHIUM BATTERY SAFETY WARNINGS

Lithium batteries store a large amount of energy and will vent fire or explode if mistreated

- **Keep the Battery compartment and battery dry.**
- **DO NOT DO ANY OF THE FOLLOWING TO THE BATTERY:**
 - a) Open
 - b) Drop
 - c) Short-Circuit
 - d) Puncture
 - e) Incinerate
 - f) Expose to temperatures greater than 60 °C.
 - g) Do not use or charge the battery if damaged.

IMPORTANT SAFETY INFORMATION

- Carefully read all instructions in this manual before installation of the product.
- Keep installation area clean. (Cluttered areas invite accidents)
- Observe installation area conditions. Keep work area well lit during installation.
- Check hardware and assembled parts after assembling. All connections should be tight and hardware tightened.
- Replacement parts and accessories. When servicing , use only identical replacement parts . Use of any other parts will void the warranty.
- The light source of this luminaire is non replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- The battery is nonreplaceable. When the battery reaches the end of life, the user must discard the entire light fixture and replace with a new light fixture.
- Verify that the installation surface has not hidden utility lines before drilling or driving screws.
- Keep children away. Mount the Light, Solar Panel and Cord out of children's reach.
- Dress properly. Protective, electrically non-conductive clothes and non-skid footwear are recommended when working with the Solar Batten Light.
- Do not overreach. Keep proper footing and balance at all times. If a ladder is to be used during this installation, it should be supported by an assistant.
- Do not set up the solar light if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt , do not set up the light.
- Keep out of reach of children.
- The warnings , precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors that cannot be built into this product but must be supplied by the operator.

TROUBLE SHOOTING

The battery is not fully charged. Keep solar panel clean, Allow to charge in full sunlight for 8 to 12 hours.