

SOLARI

SOLAR POWERED DUAL PURPOSE OUTDOOR LED WALL LIGHT

THANK YOU!

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The following instructions describe the correct operating method to ensure prolonged service life. Please familiarize yourself with these instructions before operating your solar light. We suggest you keep these instructions for future reference.

INTRODUCTION

This type of light uses solar power and lithium ion battery technology, and is ideal for entranceways, walkways, carports and other areas where electricity is not available or wiring is not desired.

During the day, the solar panel at the top of the unit will charge the battery inside. At dusk, one LED (light emitting diode) will activate automatically using the stored energy from the sun to provide a constant, warm, effective yet unobtrusive light. If, at any time, motion is detected by the PIR (Passive InfraRed sensor) a second, brighter LED will activate for your safety, security and convenience.

PASSIVE INFRARED (PIR) MOTION SENSOR

This sensor has a range of up to 5 meters with a 90° detection range, both vertically and horizontally (see Figure 1).

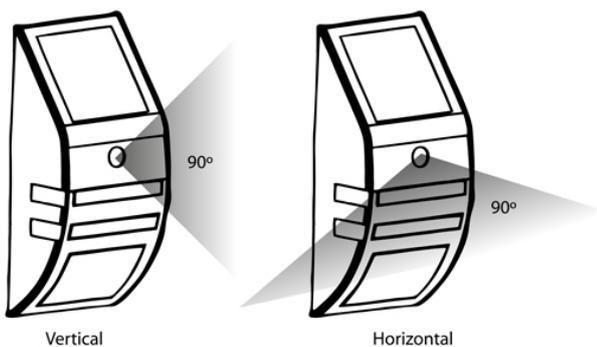


Figure 1

POSITIONING YOUR SOLAR LIGHT(S)

- Your solar light includes a built-in photo sensor, which detects the level of surrounding light and controls when your light will switch on and off. If you wish to install more than one solar light, place them at least 1.5 meters apart. They should also be mounted away from other nighttime light sources that could prevent the solar lights from turning on automatically at dusk.
- Ideally, you should locate your solar light in an area where it will receive the maximum daily amount of direct sunlight.

- To charge the battery fully your solar light should be exposed to at least **4.5 hours of direct sunlight each day**. Shady locations may not allow the battery to charge fully and may reduce the number of hours of nighttime light provided.
- You will no doubt appreciate that **the performance of your solar light is also dependent on your geographical location, weather conditions and season**. On cloudy days and during winter, your solar light will receive less direct sunlight and this may result in reduced operating time and brightness.
- When choosing a suitable location for your solar light, remember that the PIR sensor detects an area of approximately 90 degrees both horizontally and vertically, within a range of up to 5 meters (see figure 1).
- The recommended mounting height for your solar light is approximately 1.6 meters but this will depend on your application.

ASSEMBLY & INSTALLATION (Figure 2)

This pack should come complete with the following:

- 1 x solar wall light with PIR sensor (Part A)
- 1 x fastening screw (Part B)
- 1 x plastic wall anchor (Part C)

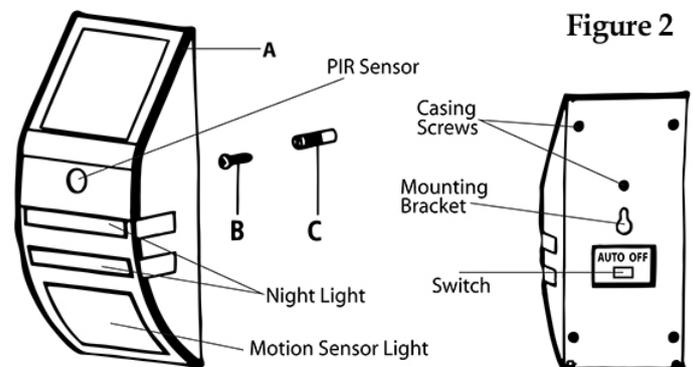


Figure 2

To install your solar light, please follow the steps below:

Step 1: Locate a wall or vertical surface where you wish to mount your light:

- Before securing the light to the wall or surface, it is recommended that you first check the light effect at night to be sure you are completely happy with the position you have chosen, for both the lighting effect and the PIR sensor range.
- It is also important to remember that lights should be installed in a location that will receive sufficient direct sunlight each day.

CONCRETE / MASONRY SURFACE INSTALLATION

Step 2: Drill a hole into the surface suitable to accommodate the plastic anchor (C) snugly. Then insert the anchor into the hole.



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Step 3: Drive screw (B) into the plastic anchor (C) leaving the head of the screw protruding about 5mm from the surface.

Step 4: Fix the solar light (A) to the surface by hooking the keyhole (mounting bracket) at the back of the light body over the head of the screw you installed in step 3. You can further secure the unit using double sided tape should you wish.

WOODEN POST OR PLASTERBOARD INSTALLATION

Step 2: Drive screw (B) into the surface leaving the head protruding about 5mm from the surface.

Step 3: Fix the solar light (A) to the surface by hooking the keyhole (mounting bracket) at the back of the light body over the head of the screw you installed in step 3. You can further secure the unit using double sided tape should you wish.

FIRST TIME USE

The battery in your solar light should be fully charged before first time use. To charge the battery, follow the steps below:

Step 1: Locate the AUTO/OFF push button at the back of the light body (A) and ensure it is in the OFF position.

Step 2: Place solar light in **full direct sunlight for 36-48 hours before first time use.** The unit will achieve optimum light output after 4 days of exposure to sunlight, enabling the battery to charge fully.

Step 3: After you have charged the battery fully, switch the AUTO/OFF button to the AUTO position. Your solar light will now automatically switch on at dusk. The PIR motion sensor will also activate the LED during nighttime hours.

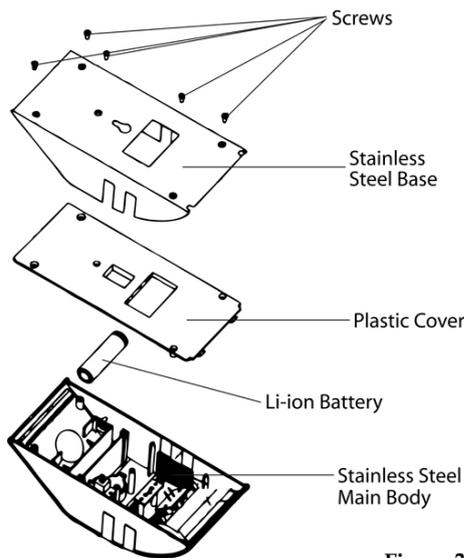


Figure 3

BATTERY REPLACEMENT (Figure 3)

Step 1: Remove the light unit from its installed position and turn it upside down.

Step 2: Using a small Phillips screwdriver remove the 5 screws that secure the stainless steel base to the internal plastic cover.

Step 3: Lift off the plastic cover to reveal the main body and battery compartment.

Step 4: Replace the old battery with a new rechargeable 3.2V, 500mAh, LiFePO4 battery. The Lithium-ion battery included in this light should last for approximately 5 years depending on frequency of use.

IMPORTANT: When the battery life is exhausted, ensure that you recycle or properly dispose of battery. DO NOT DISPOSE OF THE BATTERY IN A FIRE.

Step 5: Replace plastic cover onto the front section of the light, taking care to align the AUTO/OFF rubber cover with the AUTO/OFF button inside the battery compartment. Press the cover down firmly until it clicks into place.

Step 6: Re-attach the stainless steel base over the plastic cover and secure using the 5 screws removed in step 2.

Step 7: Fully charge the battery by repeating the steps under the "First Time Use" section.

TROUBLESHOOTING

If your solar light does not automatically turn on at night, it may be due to one of the following conditions:

1. AUTO/OFF button is not in the AUTO position.
2. The battery is not properly charged, needs replacing or is the incorrect type.
3. The battery may be loose or installed incorrectly.
4. The solar light may be too close to another nighttime light source, including another solar light.

If the LED controlled by the PIR sensor is not activating, check to ensure that the light has been directed towards the detection area. Refer to figure 1 and re-position the light if necessary.

If the LED controlled by the FIR sensor does not remain ON for a long period of time, please note that the activation time is determined by how close you are standing to the PIR sensor. This is to prevent false triggering and to preserve battery life.

Please note:

- If you are standing on the outer edge of the 5-meter detection range, the motion sensor LED will activate for just 20 seconds (unless you then move closer towards the light).
- If you remain within 20 cm of the sensor, the light will stay lit for a maximum of 40 seconds.