



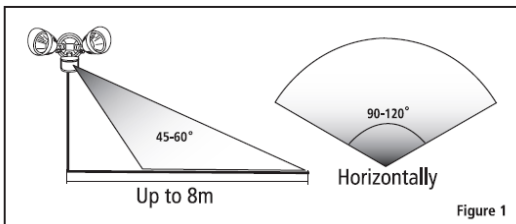
Model No. 16914

About Your Solar Powered Light

During the day your solar panel will convert the sun's light and/or UV rays into electrical power that will charge the rechargeable battery(s). When it becomes dark, the solar light will turn on using the power stored on the rechargeable battery(s) as it will detect no day light. The units light output strength and time depends on how many hours and how much sunlight and/or UV rays your panel absorbs throughout the day. For maximum output place the solar panel in an area where there is direct sunlight for at least 8 hours in a given day. Do not install your solar light in a shaded area. The selected location should not be near night time light sources such as; porch lights, street lights or pool lights as these may cause the solar light to turn off prematurely.

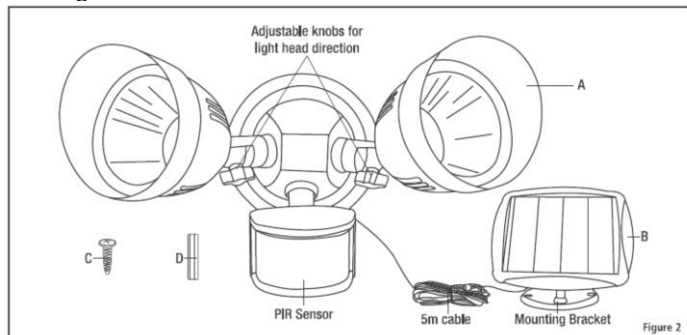
Features

- Passive Infrared (PIR) Motion Sensor
- Up to 8 Meters and 120° detection range



Contents

- 1 x Solar Security Light (Part A)
- 1 x Solar Panel (Part B)
- 5 x Mounting Screws (Part C)
- 5 x Wall Plugs (Part D)

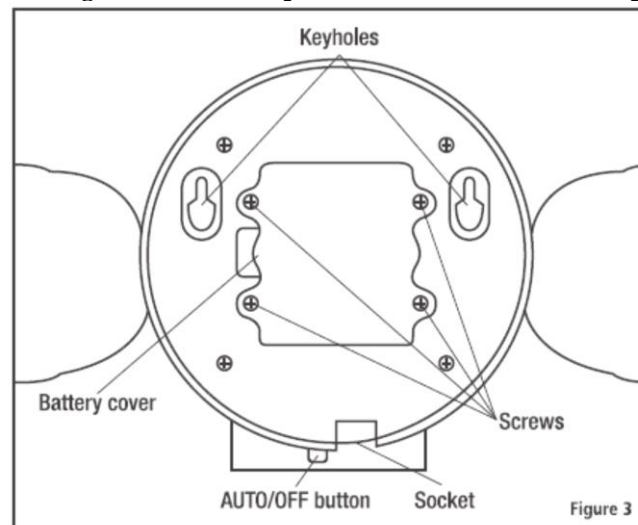


Solar Panel

1. Remove all contents from the box.
2. If the solar panel is covered by a protective film, remove it before using the product.
3. The solar panel is attached to 5m cable and can easily be position in an area that will receive **Maximum Sunlight Each Day** to fully charge the batteries.

Solar Panel Assembly and Installation

1. Hold Solar Panel (B) with wall mounting bracket against the mounting surface and place marks through the 3 mounting holes.
2. Place the solar panel down and drill 3 holes where marked on the mounting surface. Make the holes large enough to fit the plastic wall plugs (D) inside.
3. Place the plastic wall plugs in to the holes. **NOTE: If you are installing the panel onto a wooden surface, wall plugs are not required.**
4. Secure the solar panel mounting bracket onto the surface by aligning the mounting holes with the 3 wall plugs installed in step 3.
5. Using a screw driver, insert 3 screws (C) over the 3 mounting holes on the bracket and into the mounting surface. Tighten until secure.
6. Adjust the angle of the solar panel for maximum sun exposure.



Solar Light Assembly and Installation

1. Choose a locations for the light (A) remembering it must be within a 5m distance from the panel.
2. The recommended mounting height for the solar security light is approximately 2 meters.
3. The security light should be located in a semi-protected area where

it won't be exposed to excessive rain.

4. Mark the drilling holes on to the mounting surface in a straight line 9cm apart.
5. Drill holes at the 2 marked points and insert the wall plugs (D) **NOTE: Before drilling the holes ensure the 2 marked points are straight. If you are installing the light onto a wooden surface, plastic wall plugs are not required.**
6. Insert screws (C) into the wall plugs leaving approximately 5mm to project from the wall.
7. Mount the light onto the wall by hooking the 2 keyholes at the back of the light over the screws installed in above step.
8. Using a screw driver and the adjustment screw located at the side of the PIR housing, adjust the angle of the PIR sensor so it is directed towards your detection area

Connecting the Solar Panel to the Solar Security Light

1. Locate plug attached to the 5m cable on the solar panel
2. Locate the connection socket near the Auto/Off push button and connect the solar panel to the security light.

First Time use

- Once you have installed the security light, the batteries in your security light must be fully charged before the first use.
- To charge the batteries, expose the solar panel to direct sunlight for 36-48 hours. Ensure the Auto/Off button is in the Off position while charging for the first time.
- After a full charge place the Auto/Off button to the Auto position. The security light will automatically turn on when motion is detected at night and charge during the day.

Replacing Batteries

For best results batteries should be replaced every 12 months

1. Remove the unit from the wall by lifting it off the supporting screws
2. Using a Phillips head screw driver remove the 4 screws securing the battery lid and replace old batteries with new solar rechargeable AA batteries. **Replace with a new battery of the same size each year for optimum performance.**
3. Do not mix old and new batteries
4. Fully charge your new battery(s) for 24 to 36 hours in the off position before use.
5. Replace battery cover and secure using the 4 screws removed in step 2.

Caution: Always dispose of recyclable batteries at a proper disposal facility. Do not dispose in fire or attempt to open sealed batteries. Use only the similar rating and type that was shipped with the original fixture.

Care Instructions

1. Clean any dirt and debris from the solar panel(s). The panel(s) cannot recharge if the light is obstructed. Use a soft cloth to clean the panel(s). Do not use abrasives or chemicals that might scratch or damage the UV coating.
2. In a region where snow and ice are likely and the light assembly is covered with snow for an extended period of time the battery(s) will require a recharge for at least 8 hours.

Trouble Shooting Tips

If your solar light does not come on at dusk despite following all instructions please try the following steps:

1. Make sure that the solar light is not affected by any other light source.
2. Ensure the solar light does not stand in the shade all day.
3. Make sure the switch is in the "AUTO" position
4. Check that the battery(s) are installed correctly.

Limited Product Warranty

Fusion Products Ltd. warrants that its products will be free from manufacturer's defects in material or workmanship for a period of one year from the date of purchase.

All warranty claims will be either replaced or a credit given at the discretion of Fusion Products Ltd.

Fusion Products Ltd. will not be liable for incidental, consequential or other damages arising out of, or in connection with its products, their installation or modification made by the customer or others.

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