

## Warranty Information

### 1-YEAR LIMITED PRODUCT WARRANTY

This product is covered under a one year limited warranty. Fusion Products Ltd. warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of one year warranty from date of purchase.



## SOLAR HIGH POWERED FLOOD LIGHT



**For Technical Support and/or Warranty inquiries**

**please contact:**

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**FUSION PRODUCTS LTD.**

**Model No. 24416**

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## 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. Check to see if the batteries are installed correctly.
4. If there is a protective film on the solar panel carefully remove this.

## Care Information

1. Clean any dirt and debris from the solar panel. The panel cannot recharge if the light is obstructed. Use a soft cloth to clean the panel. 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 batteries will require a recharge for at least 8 hours.

## Battery Replacement

**STEP 1:** Locate the AUTO/OFF switch under the solar panel. Ensure the switch is in the OFF position (Figure 4).

**STEP 2:** Locate the 4 screws on the bottom of the solar panel. Carefully remove the 4 screws with a phillips screwdriver by turning in a counter-clockwise direction (Figure 4).

**STEP 3:** Carefully lift the solar panel top being sure not to detach any of the connected wires (Figure 5).

**STEP 4:** Carefully remove the old batteries (3) from the battery compartment (Figure 5).

**STEP 5:** Replace batteries with equivalent new solar rechargeable Ni-MH 1.2v AA 1500 mAh batteries (3); ensuring the correct polarity is observed.

**STEP 6:** Reassemble the unit by reversing the above procedure.

**STEP 7:** Allow the unit to fully charge for up to 2 days in the OFF position. Once fully charged return the switch to the AUTO position and the light will come on automatically when it becomes dark.

**Caution:** Rechargeable batteries contain Nickel-Cadmium or Nickel-Metal Hydride and must be recycled or disposed of properly. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries. Do not dispose of batteries in fire. Batteries may explode or leak.

Figure 4

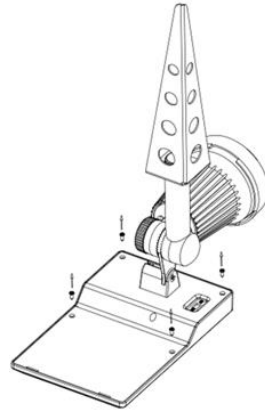
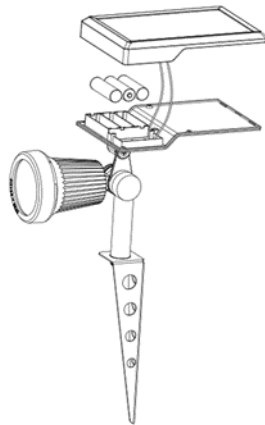


Figure 5



## Overview

This product is designed to the highest technical specifications and standards. It will supply years of maintenance free use. Please read these instructions thoroughly prior to installation, then store in a safe place for future reference. If at any time you are unclear about this product, or require further assistance please do not hesitate to contact our trained professionals operating the customer support line at 1-877-615-1378 Monday to Friday between the hours 8:30 AM to 5:00 PM Eastern Standard Time or email [sales@fusionproducts.ca](mailto:sales@fusionproducts.ca)

## About Your Solar 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. When it becomes dark, the solar light will turn on using the power stored on the rechargeable battery 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.

## Getting Started

Please do not throw away any packing material until all parts are verified as present.

## Important

- Fully charge the battery before first use. Charge under direct sunlight in the <OFF> position for 2 days.
- For best results, locate your solar lamp in a position where it can get direct sunlight on the solar panel and generally free from cover and shade.
- Keep your solar lights away from other night-time light sources, such as streetlights.
- Make sure the solar panels are not covered by dust, snow and debris. Clean it with a soft damp cloth or paper towel periodically. Avoid the use of abrasive cleaning agents.
- Use only rechargeable batteries for your solar lights. Replace with a new battery of the same size each year for optimum performance.
- The performance of the solar light will vary with the time of year. It will deliver more light when it has had a full day in the sun rather than a day in overcast weather.

## Operation

### For First Time Use:

#### STEP 1:

For **first time use**, charge the unit for approximately 24-36 hours (located where direct sunlight is available in the day time) in the OFF position.

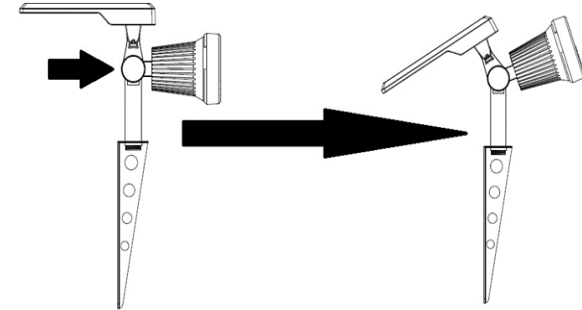
#### STEP 2:

Use the adjustment dial on the side of the light to adjust the angle of the spot light and solar panel (Figure 1).

#### STEP 3:

The AUTO/OFF switch is located under the solar panel. Slide the switch to turn the unit on and off. In AUTO mode, the light will come on automatically when it becomes dark.

Figure 1

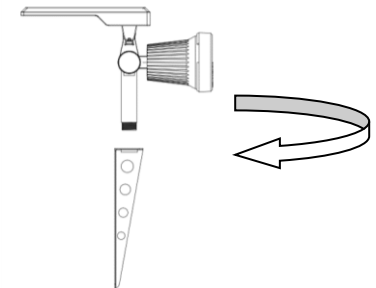


## Assembly & Installation

Figure 2

#### STEP 1:

Attach ground spike to light assembly by threading on to base in a clockwise direction until secure (Figure 2).



#### STEP 2:

Press ground spike into the ground in desired location until secure (Figure 3).

Figure 3

