

Solar Lights with PIR motion sensor

Instruction Manual

Introduction

Thank you for purchasing a quality unit. Used carefully and in accordance with the instructions set out below your GARDEN LAMP should give you many years of trouble free use. Please read the instructions carefully to obtain the best results from your purchase.

Stylishly designed, your unit features:

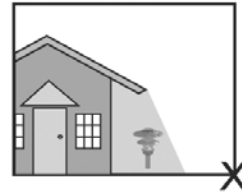
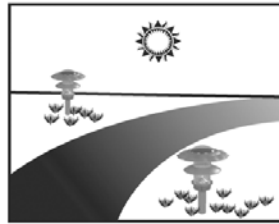
- Solar powered by high quality crystalline solar panel
- Total 13 super bright LEDs
- 3 x Solar Rechargeable AA batteries included in the lamp body
- No Mains Power or wiring required
- 1 LED standby lighting and PIR turns on another 12 by sensing motions
- Up to 8 hours lighting time and at least 50 times sensing
- AUTO/OFF switch
- Passive infrared motion detector turn on the light automatically

Location of the SOLAR LAMP

1) For the best result, please locate your remote solar panel in a position where it can get direct sunlight on the solar panel, and generally free from cover and shade. (As shown in figure 1).

2) Make sure that the Lamp is not going to be affected by any other light source. Otherwise the light will not illuminate at dusk.

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3) The SOLAR LAMP must be left to charge for 2 sunny days before best results are achieved.

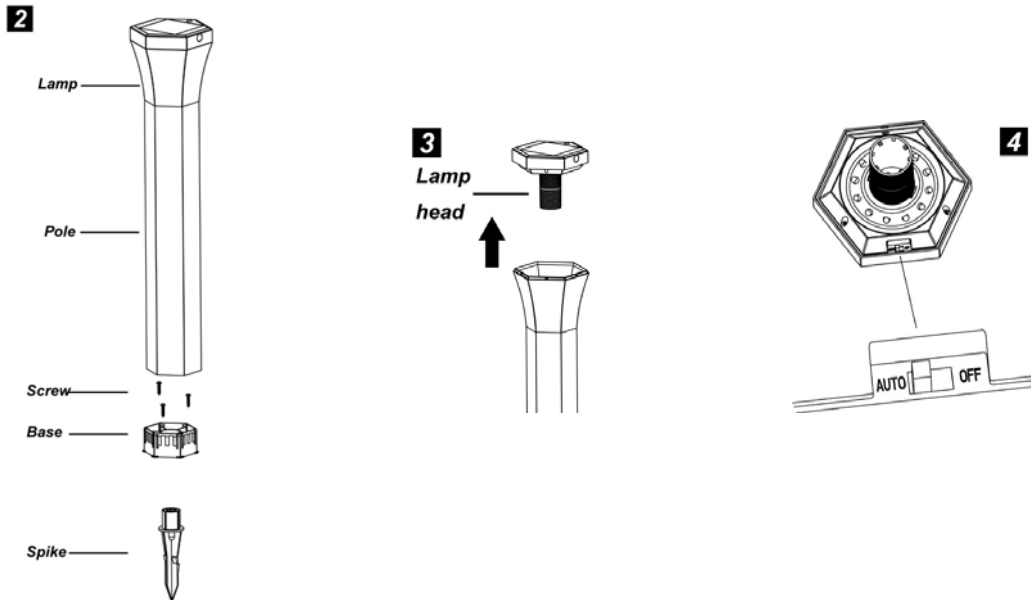
4) When locating a suitable position

for the unit, remember that it detects an area of about 45~60 degrees vertically and about 90 degrees horizontally, with a range of over 5 meters. (As shown in below figure).



Lamp assembly and mounting:

- 1) Carefully remove the solar light and all the fittings out of the box.
- 2) Take out the Base from the Pole, pull out the Spike (see figure 2)
- 3) Find a suitable place for the lamp and make sure the motion detector is at the necessary direction.
- 4) Insert the ground spike into lamp from the bottom. Mount the lamp by put the ground spike into earth.
- 5) Using the plastic bottom Base, the lamp can be also mounted directly on the concrete or wooden ground. Fix the Lamp Base by supplied screw, then put on the Lamp Pole.



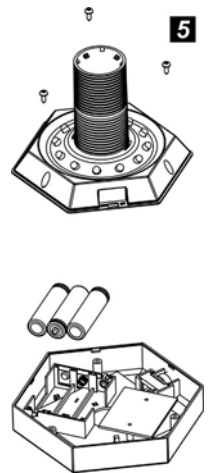
Operation

- 1) Detach the Lamp Head from the Lens by anti-clock twisting (see figure 3). Find the switch on the Lamp Head and turn the AUTO/OFF switch to the AUTO position. In the AUTO position the lamp lights constantly after dusk. (As shown in figure 4).
- 2) The lamp will have 1 LED lighting standby, when Motion Detector senses the motions, another 12 LEDs will be on.
- 3) In the OFF position the lamp does not light but the batteries still recharge during the day.
- 4) The performance of the SOLAR LAMP 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.

Replacing the Batteries

For best results batteries should be replaced every 12 months.

- 1) Detach the lampshade from the lamp unit by twisting it anti-clockwise. Be careful about the connecting wire. (see figure 5)
- 2) Release the screws on the Lamp Head and open the battery compartment cover. Be careful about the connecting wire.
- 3) Remove the old batteries. Make sure the new batteries are rechargeable batteries.
- 4) Install the new batteries in to the battery compartment, ensuring the correct polarity is observed.
- 5) Reassemble the unit by reversing the above procedure. Be careful about the connecting wire.



Trouble Shooting

If your SOLAR LAMP does not come on at dusk despite observance of all the instructions, please try the following steps:

- 1) Make sure that the SOLAR LAMP is not being affected by any other light source.
- 2) Ensure the SOLAR LAMP does not stand in the shade during the day.
- 3) Make sure the switch is in the auto position.
- 4) Check that the batteries are installed correctly

Maintenance

Clean the solar module regularly with a damp towel to guarantee optimum performance of the solar panel. Do not use any type of solvent for cleaning and be careful not to put too much pressure on the module while cleaning.