

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 9 super bright LEDs
- 3 x Solar Rechargeable AA batteries included
- No Mains Power or wiring required
- Up to 8 hours lighting time and at least 50 times sensing
- Automatic sensor turns the light on at dusk
- OFF/ON/PIR switch
- Passive infrared motion detector turn on the light automatically

Location of the SOLAR LAMP

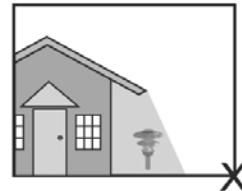
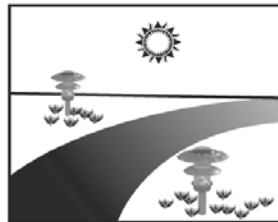
1) For the best result, please locate your solar lamp in a position where it can get direct sunlight on the solar panel, and generally free from cover and shade. (As shown in figure 1).

2) Make sure that the photo sensor (located on the top of the light) is not going to be affected by any other light source. Otherwise the light will not illuminate at dusk.

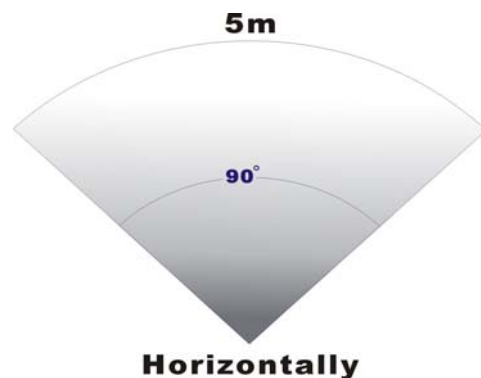
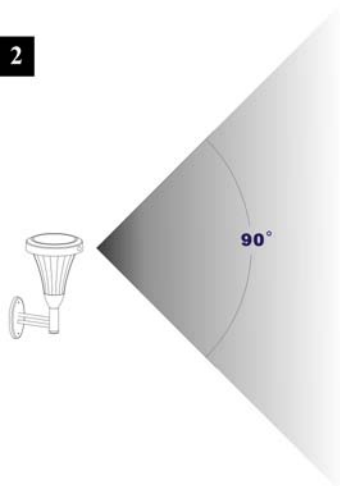
3) The SOLAR LAMP must be left to charge for 2 sunny days before best results are achieved.

4) When locating a suitable position for the unit, remember that it detects an area of about 90 degrees vertically and about 90 degrees horizontally, with a range of over 5 meters. (figure 2).

1

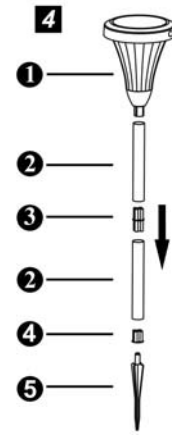


2



Ground Mounted:

- 1) Carefully remove the solar light and all the fittings out of the box.
- 2) Assemble the mounting poles (2) and stakes (5) by plastic joints (3) and (4); Push the stake directly into the ground (DO NOT hammer the light or the stakes) (as shown in figure 4).
- 3) Slot the lamp unit (1) on the upper part of the mounting poles carefully.



Operation

- 1) Turn the ON/OFF switch to the ON or PIR position. In the ON position the lamp lights constantly after dusk.
- 2) If the switch is moved to the PIR position, only one LED keeps lighting, the PIR sensor will switch another 8 LEDs ON when someone walks across the detection range. The duration is 15 seconds and the full charged batteries can offer at least 50 times sensing.
- 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 Ni-MH batteries should be replaced every 12 months.

- 1) Turn the lamp upside down. Detach the lampshade and the diffusion lens from the lamp unit by twisting it anti-clockwise.
- 2) Remove the old batteries. Make sure the new batteries are rechargeable Ni-MH batteries.
- 3) Install the new batteries in to the battery compartment, ensuring the correct polarity is observed.
- 4) Reassemble the unit by reversing the above procedure.



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.