



HOMEBASE EDIT

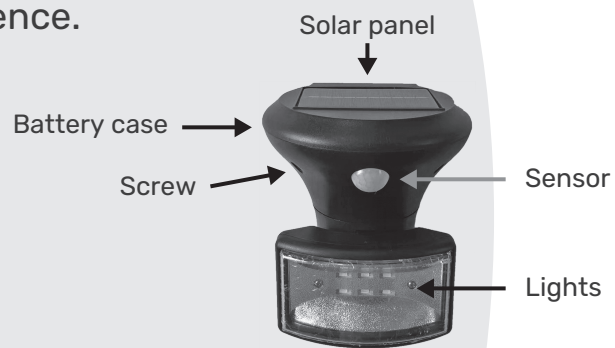
SOLAR ULTRA BRIGHT PIR LIGHT

ASSEMBLY AND OPERATING INSTRUCTIONS

These instructions are for your safety. Please read through them thoroughly before use and retain for future reference.

COMPONENTS

- 2 x screws 
- 2 x wall plugs 



HOW YOUR SOLAR MOTION SENSOR LIGHT OPERATES

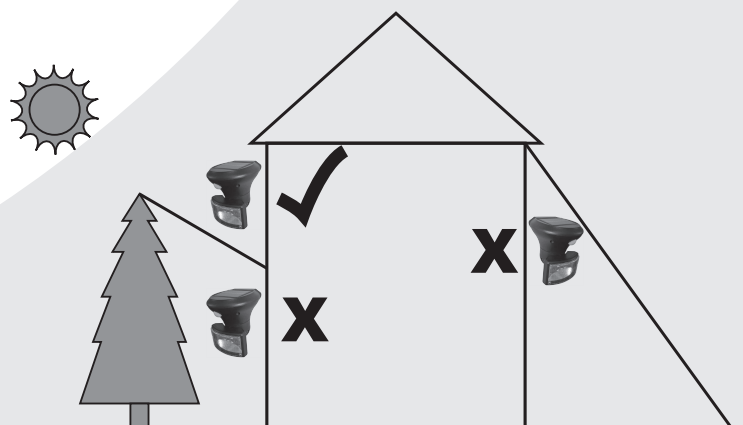
During the day, the solar charge panel included with this solar LED PIR light converts sunlight into electricity, recharging the batteries. Using this stored energy, the LED lights turn on automatically at night, when motion is detected.

The light works with a built-in PIR (Passive Infrared) sensing device, which is continuously scanning for a heat source moving in its detection scope. Once a heat source (such as a human or a car) is detected in that area, the light switches on immediately, and automatically, to illuminate your pathways, steps, patios, porches or anywhere you select for safety, convenience and security. The light remains on while the moving heat source stays in the detecting scope.

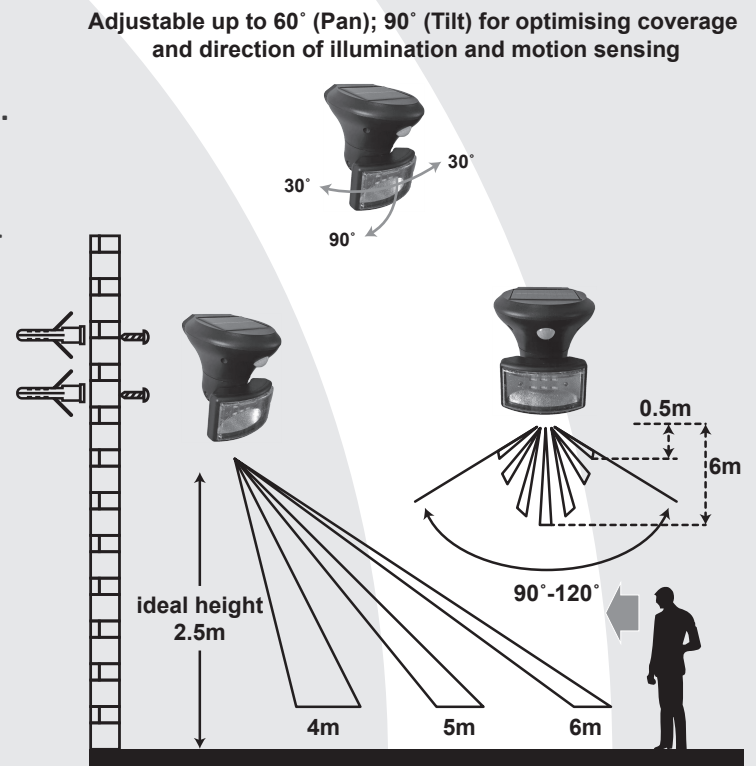
- Motion activated
- White LED stays on for 30 seconds

CHOOSING A LOCATION FOR YOUR SOLAR MOTION LIGHT

For optimum sun exposure and longer light output, place the solar panel in a position that receives at least 8 hours of direct sunlight per day. Placing the solar panel in a shaded location will not allow the batteries to fully charge, and will reduce the operating hours of the light. When choosing a location for your solar



motion sensed light, ensure that the solar panel is not placed near night time light sources, such as a porch light or street light. Ideally, for maximum detection range, the light should be mounted 2.5 metres above the area to be scanned. This light is ideal for areas where electricity is not available, including driveways, carports, garages and entrance doors, for added safety and security around your home. When deciding where to mount the light, keep in mind that the motion sensor that activates this light, has a field of vision of 90~120° (horizontal) at a maximum distance of 4-6 metres.



INSTALLATION TIPS

For best PIR sensor detection, we suggest you consider the following:

- To avoid unexpected triggering, the sensor should stay away from heat sources such as barbecues, air-conditioners, other outside lighting, moving cars and flue vents.
- To avoid unexpected triggering, please keep the sensor away from strong electromagnetic disturbance sources.
- Do not aim the sensor at reflective surfaces, such as smooth white walls, swimming pools, etc.
- The PIR sensors detection range (about 4-6 metres at 90~120° round) may vary slightly depending on the mounting height and location. The detection range may also alter with environment temperature changes.
- Before selecting a place to install, please note that the sensor is more sensitive to movement across the scan area, than to movement directly toward or away from the sensor. If a heat source moves directly towards or away from the sensor and not across, the detection range will be relatively reduced.

FIRST TIME USE

Ensure the power switch of your sensor light is in the "ON" position. In this position, the solar panel will charge the batteries without activating the light. Leave the switch "ON" for up to 8 hours while the solar panel is placed in direct sunlight. This will ensure that the batteries in your solar-powered motion sensor light have a full charge prior to normal operation. The PIR motion sensor will also only activate the LED during night time hours.

MAINTENANCE

To keep your solar-powered motion sensor light looking new, keep the lens free of dust and deposits by wiping occasionally with a dry cloth, or with warm soapy water, if necessary.

Most importantly, ensure that the solar panel is kept free of dirt and debris at all times. A dirty solar panel will not allow the batteries to fully charge, which will shorten the life of the batteries and may cause the light to malfunction.

BATTERY REPLACEMENT

The battery should typically be replaced annually, or when the charging ability decreases.

To replace the battery, remove the locking screw and open the box (see 'STEP 1'). After taking out the old battery, insert a new Li-ion 3.7V type 18650 / 1200mAh rechargeable battery (see 'STEP 2').

The discarded battery should be disposed of safely. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



STEP 1



STEP 2

TROUBLESHOOTING

PROBLEM	POSSIBLE SOLUTIONS
Light will not switch on when there is movement in the detection range	<ul style="list-style-type: none"> • Ensure that the power switch on the main body has been turned to the "ON" position. • Ensure that the motion sensor has been positioned to face oncoming movement. • Ensure that the battery has been fully charged in direct sunlight for 3 sunny days. • Check to see that the solar cell charge panel is facing south, so that it receives direct sunlight for most of the day, enabling the battery to fully charge. • Check to see that the solar panel is not near night time light sources, such as street lights.
Light switches on during the day	<ul style="list-style-type: none"> • Ensure the spotlight is not placed under a shady area. • Ensure the solar panel is not facing towards direct sunlight.
Light switches on for no apparent reason	<ul style="list-style-type: none"> • Moving trees, traffic, pets or birds may be in the detection range. This may be unavoidable; however, the sensor could be redirected to a height where this is less likely to occur. • If there are reflective objects in the detection range, such as windows, water, or white walls, you may need to redirect or possibly reposition the motion sensor. • Test the motion sensor by covering it completely with cardboard and waiting several minutes to make sure it does not detect motion.
Light quickly flashes on and off	<ul style="list-style-type: none"> • Battery charge may be low. Turn the power switch to the "OFF" position and charge the battery for 4 sunny days, ensuring the solar cell charge panel has been placed in direct sunlight.
Light is not as bright as normal	<ul style="list-style-type: none"> • Battery charge may be low. Turn the power switch to the "OFF" position and charge the battery for 4 sunny days, ensuring the solar cell charge panel has been placed in direct sunlight.

