

EVOSMD

REMOTE CONTROLLED SOLAR FLOOD LIGHT

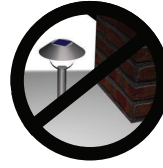
User Guide



Ensure your solar panel is South facing or as near as possible



Clean your solar panel from time to time



Do **NOT** place your solar panel in shaded areas.



Do **NOT** charge behind glass

Please read these instructions carefully before installing your light.

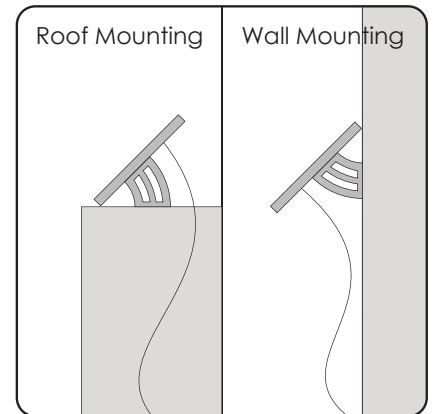
Before you begin installation please take great care to ensure the surfaces you intend to mount the light and panel on are sturdy enough to take their weight. Failure to install your Evo SMD RC correctly could result in human or animal injury, damage to your property and damage to your light. If you are at all unsure please contact your retailer or a professional tradesman for advice. Always take great care when installing your Evo SMD RC, particularly in high places.

Before installing your Evo SMD RC Solar Floodlight please consider the location of your light and solar panel before you start making alterations to your property.

Installing the Evo SMD RC Solar Panel

The Evo SMD RC has a powerful solar panel that charges its internal high capacity battery during the day. At night this charge powers the Evo SMD RC. Before installing your Evo SMD RC solar panel you'll need to consider the best place for it to receive the most amount of sunlight. Position the solar panel in a South facing location that is not obstructed by buildings, fences, trees, sheds, bushes or the shadows that these create. Please note that a poor solar panel location will drastically reduce the performance of your Evo SMD RC Solar Floodlight. Please remember that the solar panel will not charge inside behind glass or under artificial light.

The Evo SMD RC solar panel can be mounted on either a horizontal surface, such as a shed or garage roof, or a vertical surface such as a wall. Once you have decided on your solar panel location, hold your solar panel in place and mark the four holes. Prepare the holes and screw your solar panel into place using the supplied screws and screw plugs.



Installing the Evo SMD RC Light Unit

It might be easier to remove the light from the bracket in order to install it, but this isn't always necessary. To remove the Evo SMD RC from its bracket simply unscrew the bolts that secure the bracket to the light. When you are ready to install the light position the Evo SMD RC in your desired location and mark the two holes in the mounting bracket. Place the light to one side, drill your two marks and secure mount using the supplied screws and screw plugs. If you removed the light from the bracket you can now reattach it.

Connecting your Evo SMD RC Light to the Solar Panel

Simply connect the solar panel cable to the cable coming from the underside of the Evo SMD RC.

Operating Instructions

PLEASE NOTE THAT THE EVO SMD RC WILL NOT OPERATE WHILE THE SOLAR PANEL IS EXPOSED TO DAYLIGHT OR ARTIFICIAL LIGHT.

Now your Evo SMD RC is fully installed turn the unit on by using the switch on the underside of the light unit. If the light is switched off it will still charge up, but it can not be operated by remote control and will not turn on automatically.

Using The Remote Control

Once the light has been turned on at the switch, you can control it using the supplied remote control which has a range of up to 50m. You can use the remote control to turn the light on and off as required after dark, or you can simply turn it on and leave it to run in automatic mode. In automatic mode the light will come on automatically each night at dusk and turn off automatically at dawn or when the batteries get low (whichever comes sooner). **PLEASE NOTE THAT IF YOU TURN THE EVO SMD RC ON DURING THE DAY IT WILL NOT OPERATE UNTIL DUSK WHEN IT WILL LIGHT UP AUTOMATICALLY.**

Troubleshooting

If you are encountering problems with your Evo SMD RC it is more than likely something you can resolve yourself. An Evo SMD RC that has its solar panel in a poor location will struggle to work for long after dark, but that doesn't mean there is a fault with the unit. Please remember that your Evo SMD RC will come with some charge and will likely work for a few days even if the solar panel is poorly located. Please try the troubleshooting tips below before contacting your retailer.

I press the remote control buttons but the Evo SMD RC won't respond

Ensure that the Evo SMD RC is switched on by checking the power switch on the light unit.

If it is daylight the unit will not operate so please try again after dark. If it is dark, please ensure that there are no nearby light sources hitting the solar panel. These could be bright indoor or outdoor lights from your property or your neighbours, or streetlights. These can confuse the light and prevent it from operating. If you are unsure disconnect the solar panel from the light and test it using the remote control.

The switch on the Evo SMD RC is turned on but it still does not respond when I press the remote control buttons after dark

Check the Evo SMD RC has sufficient charge to operate. To do this unplug the solar panel and turn the light off and on again several times at the switch. If the Evo SMD RC has charge it will illuminate immediately when you turn it on.

If the Evo SMD RC does not have charge, reconnect the solar panel, turn it off using the switch on the light unit and leave it to charge for 3 days before trying again. If your Evo SMD RC still doesn't appear to have charge after 3 days please contact your retailer.

The Evo SMD RC has charge but it still does not respond to the remote control

Observe the small light on the remote control to ensure it flashes red when you press the buttons. If it doesn't flash then the battery on the remote control needs replacing.

The red light flashes on the remote control but the Evo SMD RC still does not respond

Ensure the aerial on the remote control is fully extended and that the remote control is within range of the Evo SMD RC. To be sure get within 5 metres of the light and try the remote control again. Please note that over time the battery in the remote control will begin to run flat. As this happens the range of the remote control will begin to reduce.

My aerial is extended and I am within 5 metres of the light, the light has charge and is turned on at the switch, it is dark and there are no nearby lights interfering with the solar panel, but the Evo SMD RC still does not respond to the remote control.

Please contact your retailer.

Maintenance

Clean the surface of the solar panel and light lens with a soft, slightly moistened cloth. Do not use corrosive cleansing agents or chemical solutions as these may damage surfaces and impair operation. Keep the solar panel free of dirt, debris and snow.

Safety Instructions

The Solar Centre assumes no liability for any damage resulting from the use of this product, nor do we assume liability for any damage to property or personal injury caused by improper use or failure to observe these instructions.

The Evo SMD RC is designed to charge from the sun using the supplied solar panel only! Never attempt to use any other type of solar panel or a mains charger to charge this device! Doing could be extremely hazardous and may result in a battery explosion or fire. Unauthorised use, conversion and/or modification of the unit will invalidate your guarantee.

Water Ingress

The Evo SMD RC offers a high level of protection against water ingress, but this protection is not unlimited. The Evo SMD RC must be mounted on its bracket above ground level so that it is not resting on anything. If your light is resting on the ground or on a surface where water can accumulate it is likely that water will get into the light over time which will result in malfunction and will invalidate your warranty.