

Solar Powered Dimmers - INSTALLATION INSTRUCTION



Roof Solar panel



Dimmer ring mounted on top of tube



Remote control

Safety: Ensure that all safety measures are taken. The installation of the product will require using power tools, climbing on roof, and possibly working in a confined space. The product has been designed to be installed by an experienced handyman; however, the installer must be competent to carry out this task safely and correctly.

For Pitched Tiled Roofs

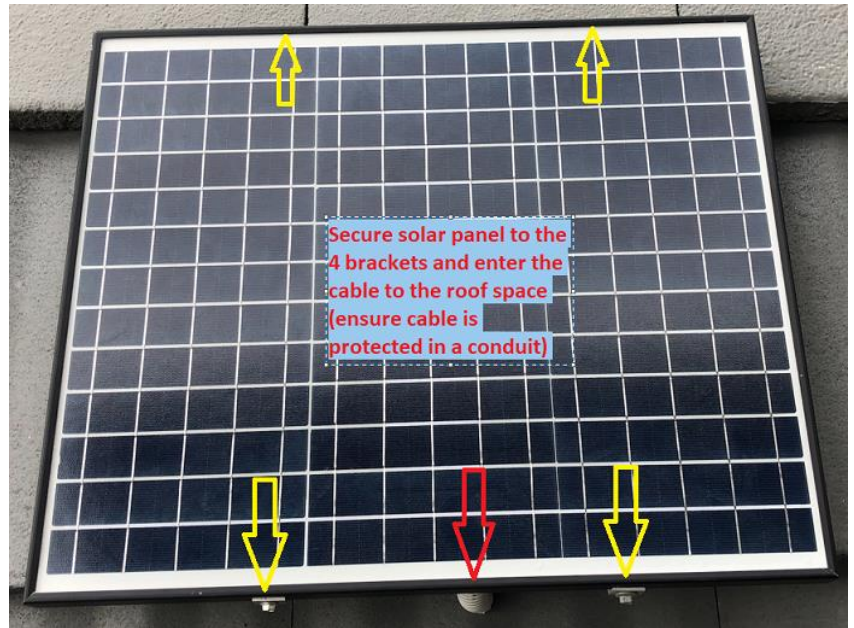


Recommendation:

- Install solar powered dimmer in a sunny day to allow the operation of the dimmer and trouble shooting.
- Once solar panel is fitted on roof and connected to dimmer, wait for 20 seconds before using the remote control.
- Factory default is designed to use 1 dimmer for 1 skylight using button A
- 1 remote control can be used to operate 3 dimmers using A, B & C buttons. (Contact SolarBright for instruction)

Remove black backplate of solar panel and mount the panel straight on the brackets (the back plate can be disposed of)

Recommendation:
Ensure the solar panel is installed on north pitched facing position.

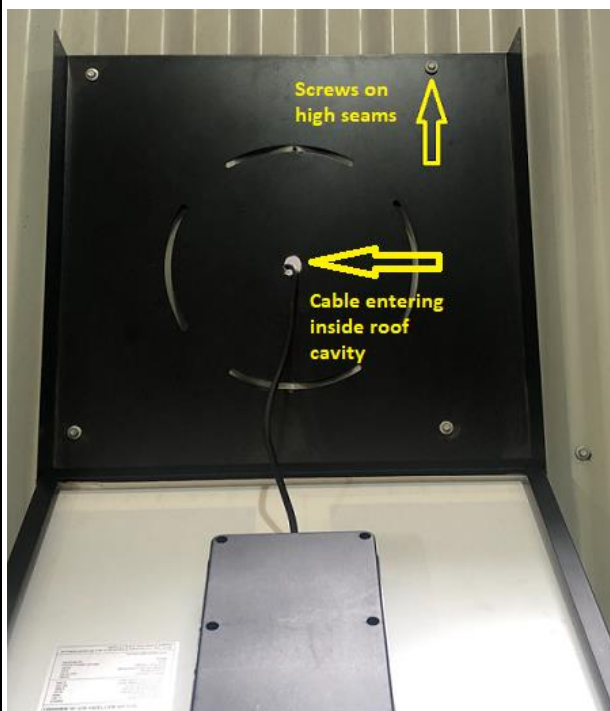


Solar panel can be installed without the need to enter the roof cavity

For Pitched Metal Roofs

Select the position of solar panel, make small hole on the high seam of the metal roof, pass the cable into the roof space, seal the hole.

fasten the backplate on the roof using screws provided – fasteners should be placed on the high seam of the metal roof.



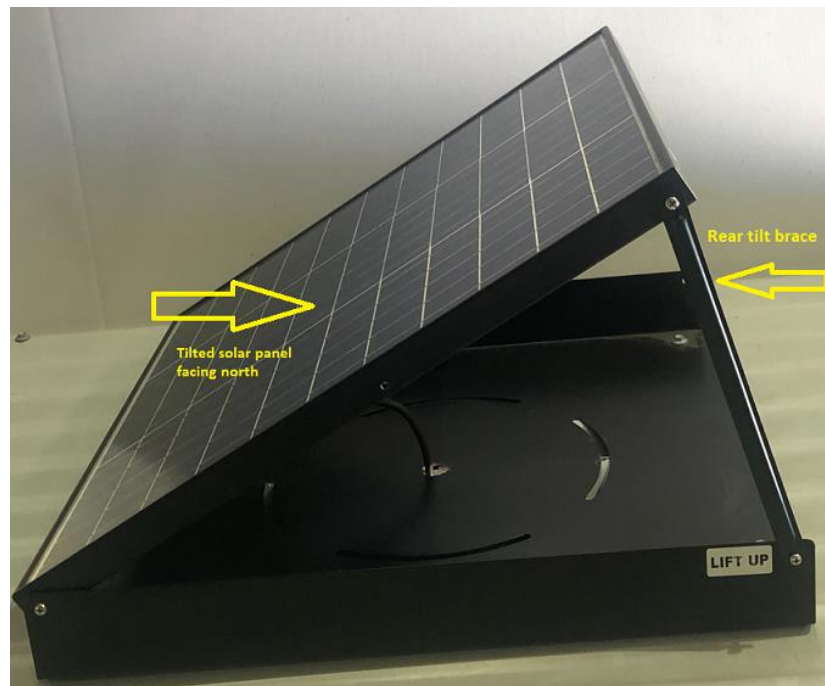
For pitched tin roof rear tilt braces can be disregarded.

For Flat Metal Roofs:

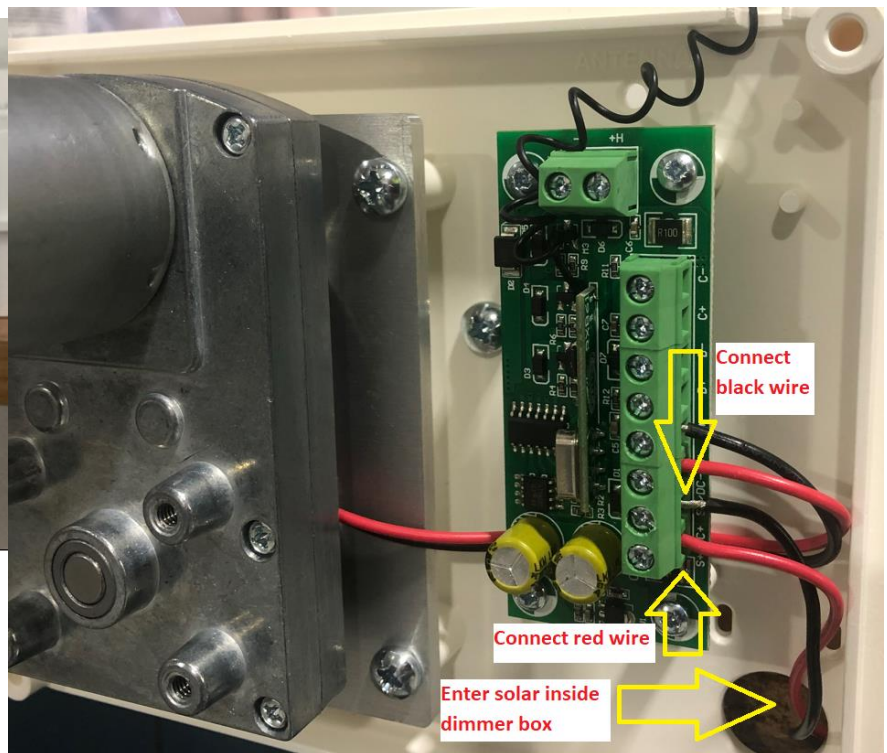
Tilt solar panel to approx. 20° pitch facing north

Use rear braces to support solar panel.

Fasten the back plate to the roof.



Connecting solar panel to the dimmer ring



Once wires are tightly connected return and secure the cover

The remote control is already connected to the dimmer, **if reconnection is required follow the following process:**

- 1- Disconnect wires of solar panel wire from dimmer for 20 seconds.
- 2- Reconnect wires of solar panels then push the A & B buttons simultaneously for 10 seconds!
- 3- Light 1&3 will turn solid while light 4 will start flashing.
- 4- Now you can push button A to open and close the dimmer.
- 5- Release button A to stop the dimmer at the desired level.

