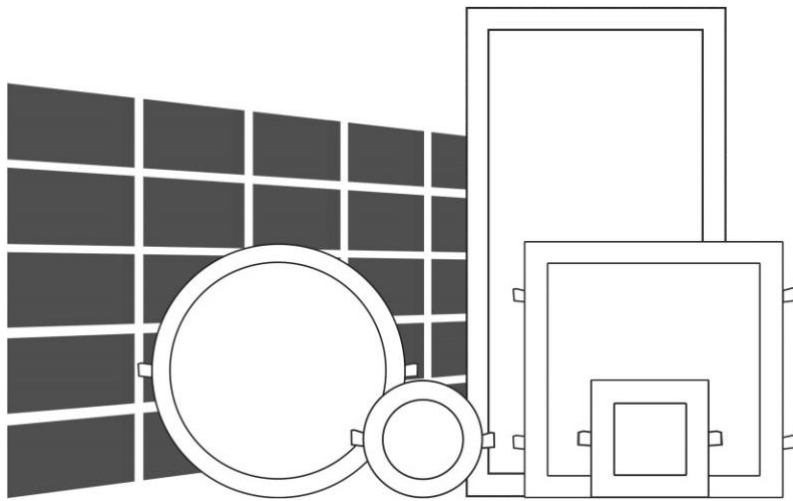


USER MANUAL

Solar LED Skylight



Let The Generous Sunshine
Brighten Your Daily Life

ATTENTION: Please read through this entire instruction guide before installation. Make sure you have the required tools and materials to complete the installation of your solar LED skylight.

NOTICE BEFORE INSTALLATION

Safety Information

Safety precautions should be taken when performing the roofing work mentioned in this installation guide. Please follow the below recommendations to significantly reduce potential risk of danger:

- Do not install the solar panel in wet roof conditions
- Tie-off both yourself and your equipment when working on steep pitched roofs to avoid falling
- Always wear slip-resistant shoes when working on the roof
- Better to wear safety glasses and protective gloves when using power tools
- Make sure the ladder is firmly placed before climbing it

What's Needed

- Ladder
- Reciprocating Saw (or Jig Saw)
- Screwdriver
- Hammer Drill / Power Drill
- Caulk Gun with Waterproof Roofing Sealant
- Measuring Tape
- Roofer Harness
- Marker or Carpenter Pencil

Determine the Location

Above all, please determine the location to install your solar LED skylight. Generally, the LED light fixture is recessed mount onto a plasterboard / wooden ceiling that can open holes or to an integrated ceiling that has keel to hold it; and the solar panel is to mount on roof / wall surface. Please see that the solar panel is with 15m long cable to connect with the LED light.

Choose the right location for solar panel to reach best exposure. Be sure to consider potential obstructions such as trees and other homes which may shade the solar panel some times of the day. If a northern exposure is not possible, you could adjust the solar panel angle to capture maximum sunlight. The optimal adjustment is to have the solar panel 90 degrees to the midday path of sunlight.

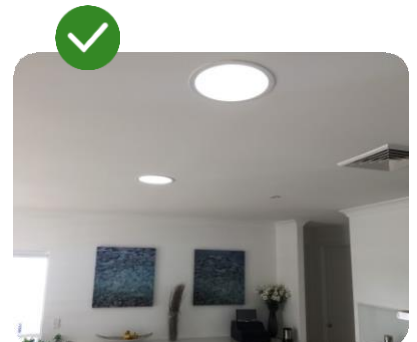
General Steps

Step 1: Mount the solar panel

Step 2: Prepare mounting hole for the LED light

Step 3: Wiring and connection

Step 4: Mount the LED light



Part 1 Install the Solar Panel

Mount the solar panel on roof in optimal location and set it up by tilting panel for better sun exposure.

NOTE: Make sure the location you have chosen is within 15m to the LED skylight indoors.

1. Open the solar panel by loosening and removing one side screws (from "Lift Up" side). Take out the cable.
2. Fasten the mounting base on roof surface with screws or roofing adhesive.

A) Metal Roof:

- Use the provided screws and brackets to fasten the solar panel mounting to the roof.
- Apply waterproof roofing grade sealant on the screwheads to prevent leaking.

B) Tile Roof:

- Find the contact points between the roof and solar panel mounting plate.
- Apply enough roofing adhesive to these contact points and firmly secure the mounting plate to the roof surface.
- For tiled roofs, you can use the brackets we supply. Install the Z-shape bracket by fixing it securely with screws to the rafter or the batten beneath the tiles.
- If the property is located in a high wind or cyclone-prone area, we recommend using a heavy-duty solar panel mounting system specifically designed for cyclone conditions

3. Lock back the solar panel to its mounting plate.

If you need to set up the solar panel angle, please install the angle adjusting braces by securing one end to the mounting base and the other end to the solar panel frame. Swing the braces up to the desired position and attach the screws into the applicable holes.

4. If required, drill a small penetration hole to route the cable into the roof cavity. Use the Dektite flashing we supply to seal the cable entry point. Ensure an adequate amount of waterproof roofing sealant is applied around the penetration to maintain a fully watertight seal.



Fig. 05

INSTALLATION

Part 2 Install the LED Light

Run the wire from solar panel into your house, to where your LED light will be mounted. Then do easy wiring job among solar panel and LED light.

1. Use the provided template to trace out the external profile of LED light. Then drill hole on the ceiling. (Fig.06)

A) LED light that with spring clips (Fig.07~08):

- Turn up the spring clips and push the LED panel onto the ceiling hole.

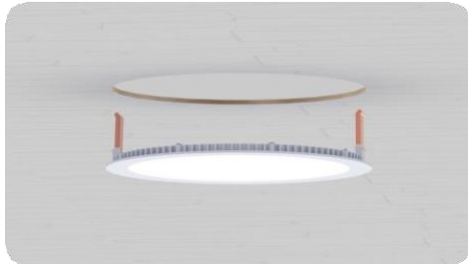
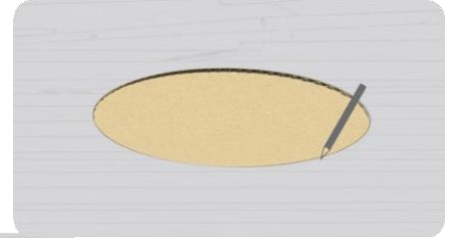


Fig.07



Fig. 08

B) LED light that with aluminum mounting frame (Fig.09~13):

- Secure the mounting frame onto the ceiling hole by pressing down all holders on each frame edge.

- Tilt the LED panel and put it onto the mounting frame.

C) If it is a surface-mounted model, simply install the surface-mount brackets directly onto the roof and secure them properly. Once the brackets are fixed in place, clip the unit onto the brackets to complete the installation.

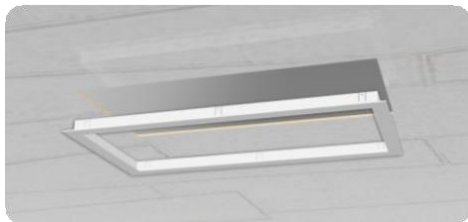


Fig.09

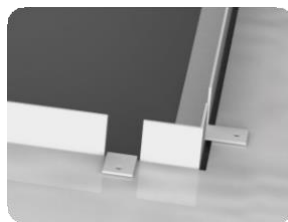


Fig. 10

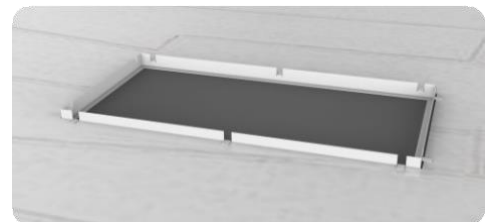


Fig.11

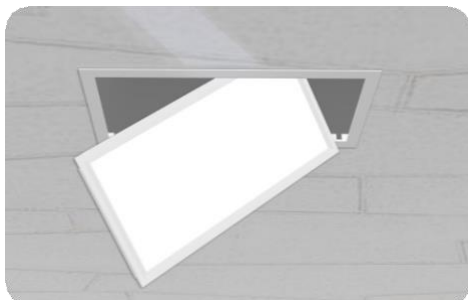


Fig.12

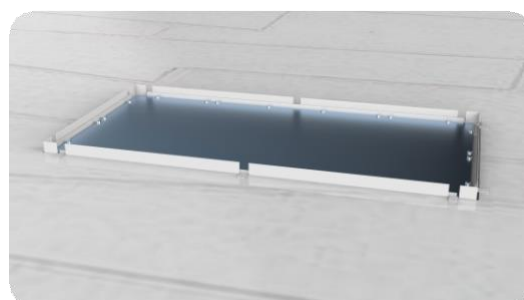


Fig.13

Warm Tips:

If the LED light fixture is to mount onto an integrated ceiling that has frame / keel to hold it, the aluminum mounting frame would be not necessary, while you can simply buckle the LED light upward to the keel.