ILLUME PREMIUM SURFACE MOUNT INSTALLATION INSTRUCTIONS

illume™ PREMIUM BY KIMBERLEY

TIP: If you get stuck, there's a handy installation video you can watch at: www.illumeskylights.com.au

KIT CONTENTS:

- 1x CABLE
- 1x SOLAR COLLECTOR
- 1x ILLUME LIGHT PANEL
- 1x CONTROL MODULE
- 2x (A) BRACKET
- 2x (B) BRACKET
- 4x WASHERS
- + PAN HEAD SCREWS
- 1x MOUNTING PLA TE
- 4x 6mm NUT
- 4x 6mm BOLT
- + COACH SCREWS
- + WALL MATE ANCHORS
- + SIDE MOUNT SCREWS

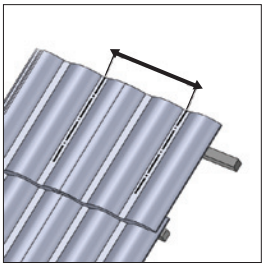
REQUIRED TOOLS

- 10mm SPANNER
- ADJUSTABLE SPANNER
- 22mm & 2mm DRILL BIT
- DRILL
- PHILIPS-HEAD SCREWDRIVER
- SILICONE SEALANT
- PLASTER SAW

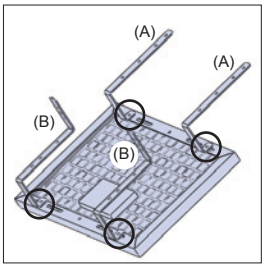
BEFORE YOU START - LOCATION ADVICE:

THIS SYSTEM IS DESIGNED TO OPERATE WITH THE SOLAR COLLECTOR INSTALLED IN A NORTH-FACING POSITION, WITHOUT POTENTIAL SHADE COVERAGE DURING DAYLIGHT HOURS. INCORRECT POSITIONING AND CAST SHADOWS FROM TREES OR STRUCTURES WILL IMPACT THE LIGHT OUTPUT OF THE ILLUME PANEL. FOR BEST RESULTS ENSURE YOU CHOOSE A NORTH-FACING AND OPEN POSITION TO INSTALL THE SOLAR COLLECTOR.

INSTALLATION TO A TILED ROOF

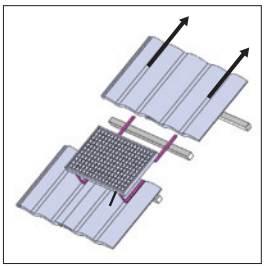


1 Measure tile pitch before attaching brackets to the solar collector.

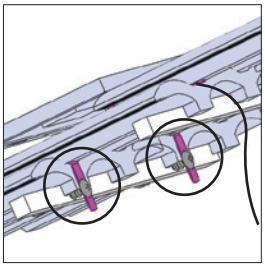


2 Align brackets to unit with roof pitch and use (6mm) Nuts and Bolts with 4x washers to secure (A) & (B) Brackets in position as per the diagram.

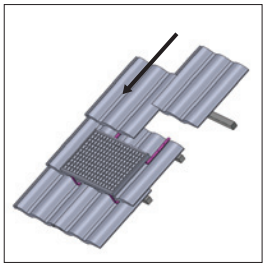
Note: Large models may have additional brackets included. Please refer to any additional literature included with the unit and use all supplied brackets within the kit.



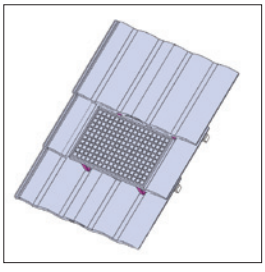
3 Slide roof tiles up (Remove if necessary) to install panel. Place panel in position.



4 Use 2x coach screws to secure bracket panel in place. (Do not use screws as a clamp)



5 Slide tiles back in place and re-attach (If necessary).

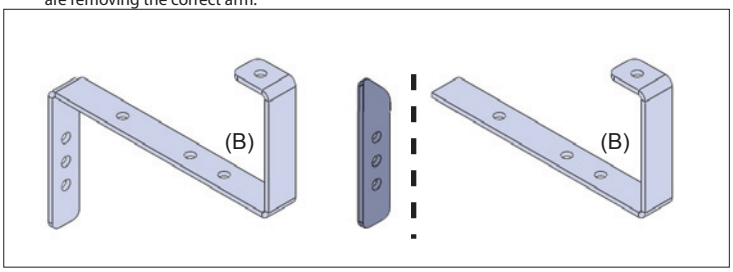


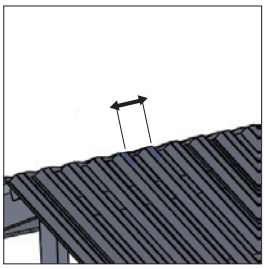
6 Finished installation should look as per diagram.

INSTALLATION TO A METAL DECK ROOF

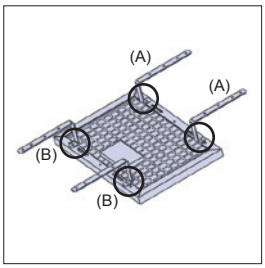
Please Note: Additional roofing fasteners are required (not included) when installing onto a metal roof.

1 Cut arms from both (B) brackets as shown in diagram. Be careful to ensure you are removing the correct arm.



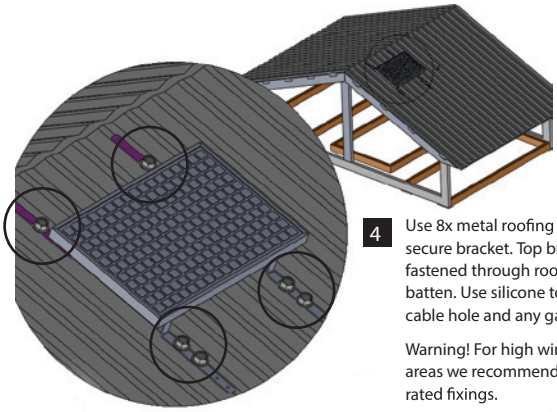


2 Measure roof corrugations before attaching brackets to the solar collector. Brackets should be attached to the top part of roof corrugation, not in the valley.



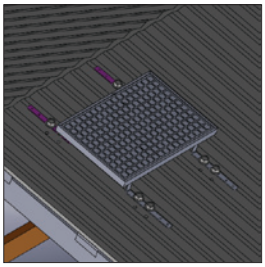
3 Align brackets to unit with roof pitch and use (6mm) Nuts and Bolts with 4x washers to secure (A) & (B) Brackets in position as per the diagram

Note: Large models may have additional brackets included. Please refer to any additional literature included with the unit and use all supplied brackets within the kit.



4 Use 8x metal roofing screws to secure bracket. Top brackets must be fastened through roofing into roof batten. Use silicone to seal screws, cable hole and any gaps.

Warning! For high wind and cyclonic areas we recommend using cyclone rated fixings.



5 Fix solar panel to top of roof, with cable fitted underneath ridge cap.
This eliminates the need to drill a clearance hole in roof for cable to be passed through.

6 Finished installation should look as per diagram

! IT'S A GOOD IDEA TO FAMILIARISE YOURSELF WITH THE WAY THAT THE ILLUME COMPONENTS CONNECT TOGETHER BEFORE ATTEMPTING TO INSTALL THE SYSTEM IN YOUR CEILING.

TRY CONNECTING THE COMPONENTS OUTDOORS BEFOREHAND, TO ENSURE THAT YOU ARE FAMILIAR WITH HOW THE COMPONENTS CONNECT. IF DONE IN DAYLIGHT THE ILLUME LIGHT PANEL SHOULD ILLUMINATE.

Important! You may need the help of a second person to assist with the installation of this unit.

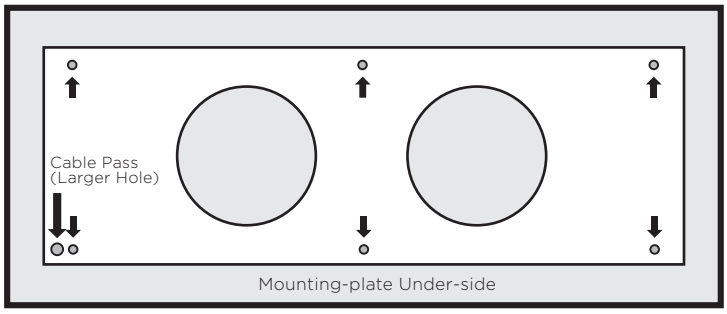
7 Use the mounting-plate to find your desired installation position. Choose a flush area.

Use the mounting-plate as a marking template and carefully pencil the centre position of each of the screw mount points. Also mark the cable pass-through hole position (See diagram).

Note: Use a stud finder to ensure the screw mount points and the cable pass-through hole are clear from joists.
Wall-mate plaster anchors are not suited to timber. If you have a timber ceiling, or you encounter a ceiling joist, use the supplied screws at that mount point without the Wall-mate housing.

Installation to Lath and plaster ceilings is not recommended.

Remove mounting-plate and drill 2mm pilot holes through the mounting Wall-mate plaster anchor location marks. *These holes must be accurate.*



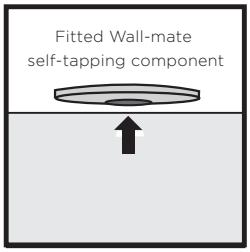
Mounting-plate Under-side

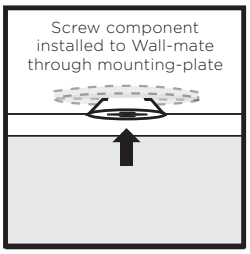
Note: 300x1200mm Model Shown

8 Use a drill with router bit or hole saw to cut a 13mm hole at the cable pass-through point. *Note: Be careful not to stray from the size & position when cutting this hole. An innacurate or oversize hole may not be concealed by the frame.*

9 Carefully screw in each self-tapping nylon Wall-mate *(At the mounting points)* until flush with ceiling.

Note: Only the self-tapping plastic component of the wallmate should be fitted at this point.

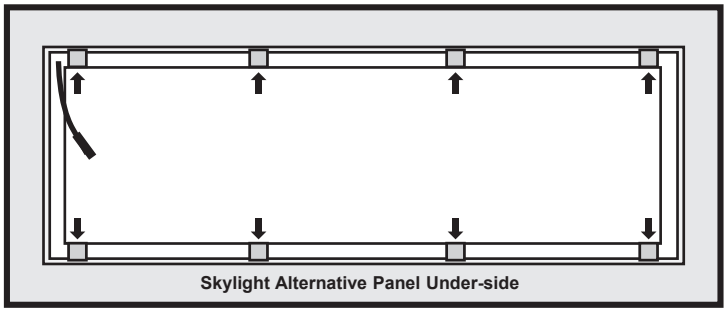


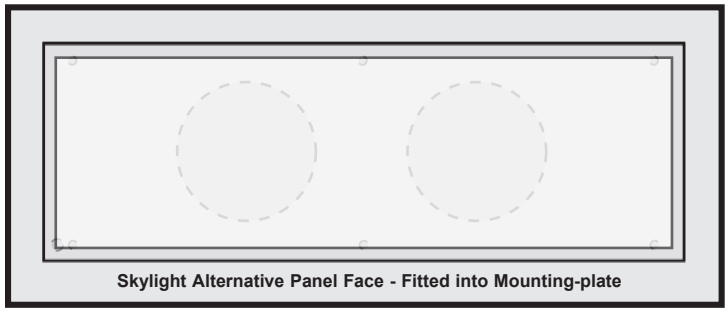


10 Place the mounting-plate on the ceiling and align the mounting-plate screw points with the wall-mount fastening positions.

Once aligned, screw in each of the wall-mate fastening screws into the self-tapping nylon housings in your ceiling.

11 From within your ceiling cavity, connect the control module to the solar collector cable and pass the other control module plug through the cable pass-through hole to the interior of your room.


Skylight Alternative Panel Under-side


Skylight Alternative Panel Face - Fitted into Mounting-plate

12 Identify the fastening points on the underside of the illume panel *(See above diagram).*

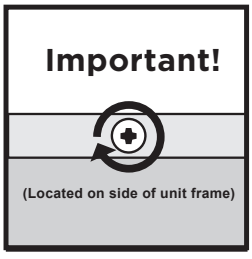
From the interior of your room, connect the illume light panel to the control module plug and carefully align and fit the skylight panel in place within the mounting-plate housing.

Be careful to keep hold of the illume light panel as it may disconnect without support and cause injury or damage to the unit.

13 Secure the illume panel in place with fasteners to the side profile mount points on the outer edge of the unit.

These must be fastened through the aligned fastening points on the panel.

Screws must be securely fastened to safely lock the system in place.



NOTE: If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or their service agent or a similar qualified person in order to avoid a hazard. The light source contained in this luminaire shall only be replaced by the manufacturer or their service agent or a similar qualified person.

INSULATION RATING IC

A type IC, recessed luminaire can be installed with building insulation material that can safely be exposed continously to temperatures up to 90°C. Such insulation can cover and abut the side of the luminaire.

NOTE: If installed in accordance with the IC rating, insulation shall have a minimum temperature rating of 90°C.

Risk of FIRE - Required clearance from structural members and building elements SCB = 0mm HCB = 0mm

SCB - Side Clearance to Building Element: Minimum distance between the side of the recessed luminaire and any building element.
HCB - Height Clearance to Building element: Minimum distance between the top of the recessed luminaire and any building element above it