

Please retain this sheet for future reference.

PARTS LIST:

1x Cable	1x Solar Collector	4x Washers
1x Light Panel		4x 6mm Nut
1x Control Unit		4x 6mm Bolt
2x (A) Bracket		2x Coach screws
2x (B) Bracket		

TOOLS REQUIRED:

- 6mm Spanner
- Adjustable Spanner
- 6.5mm Drill Bit
- Drill
- Phillips Head Screwdriver
- Silicone Sealant
- Plaster Saw

Before Commencing Installation

The illume is designed to operate with the solar collector installed in a north-facing position without any potential shade coverage during daylight hours. Incorrect positioning and cast shadows from trees or structures will heavily impact the light output of the Ambient Light Technology device. For best results ensure you choose a north-facing and open position to install the solar collector.

Solar Panel Installation - TILE ROOF

1. Measure tile pitch before attaching brackets to the solar collector Fig. 1.
 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 Fig. 2.
- 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 Fig. 3.
 4. Use 2x coach screws to secure bracket panel in place. (Do not use screws as a clamp) Fig. 4.
 5. Slide tiles back into place Fig. 5 & 6.

Solar Panel Installation - METAL DECK ROOF

1. Cut arms from both (B) brackets as shown in diagram. Be careful to ensure you are removing the correct arm Fig. 7.
2. Measure roof corrugations before attaching brackets to the solar collector. Brackets should be attached to the peaks of roof corrugations, not in the valleys Fig. 8.
3. Align brackets to unit with roof pitch and use 6mm nuts and bolts with washers to secure (A) & (B) Brackets in position as per Fig. 9.

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 gaps Fig. 10.

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

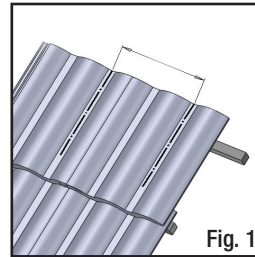


Fig. 1

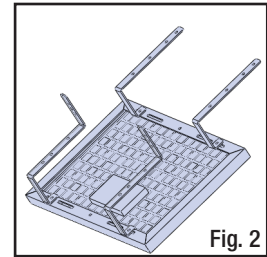


Fig. 2

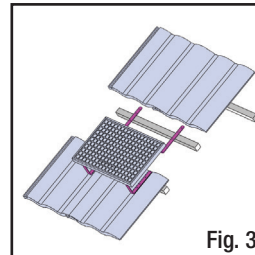


Fig. 3

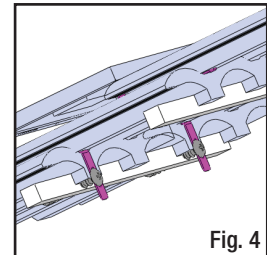


Fig. 4

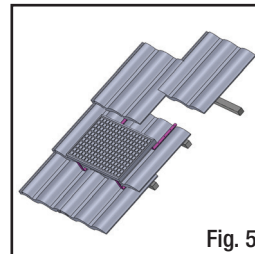


Fig. 5

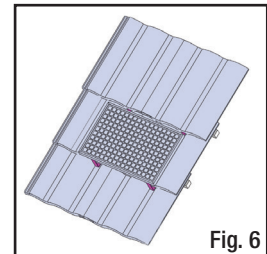


Fig. 6

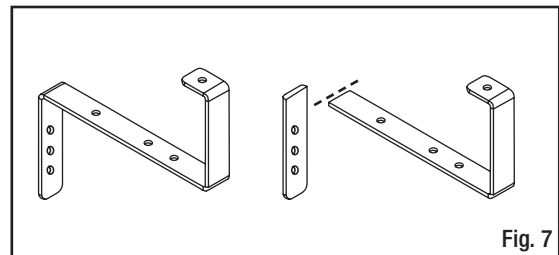


Fig. 7

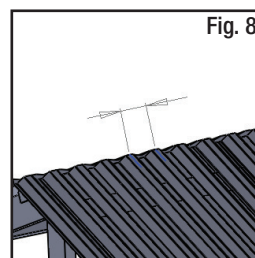


Fig. 8

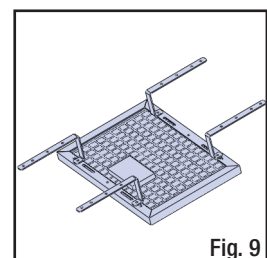


Fig. 9

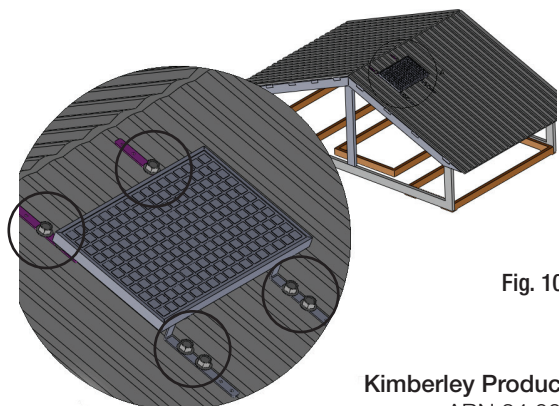


Fig. 10

Light Panel Installation

1. Choose desired location for the illum window light panel. Fig. 11.
2. Predrill bottom architrave and secure to wall.
Note: Ensure architrave is fixed to studs not plaster to support weight of light panel.
3. Locate light panel in architrave and mark position of hole for lead Fig. 12.
4. Drill or cut hole in wall for lead allowing for size of control box.
Note: Ensure hole is concealed with the extents of the architrave.
5. Place light panel in architrave and connect to control box and solar collector lead. The panel should now illuminate.
6. Fix side and top architraves to complete the installation Fig. 13.

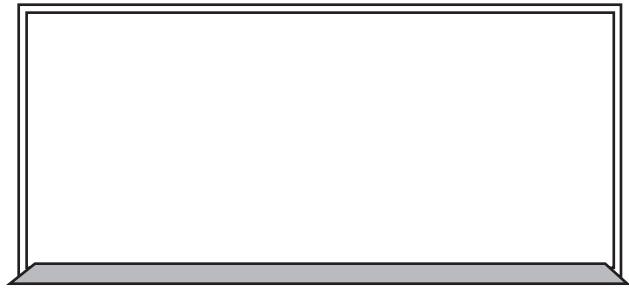


Fig. 11

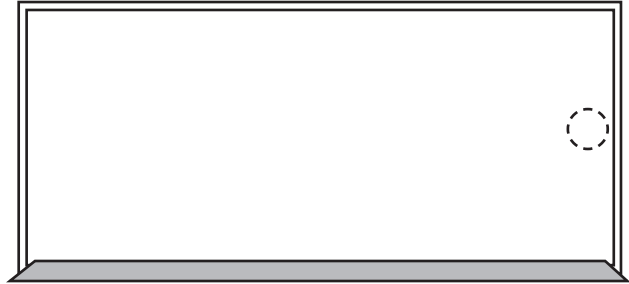


Fig. 12



Fig. 13

