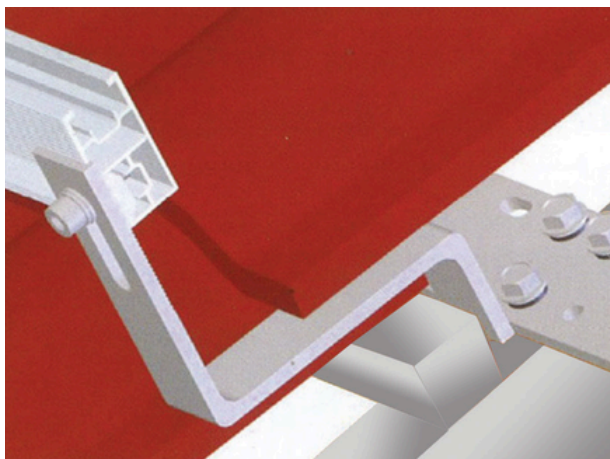# illume™ Multi-System Instructions

INDEX

1. Solar Panel Mounting Rail System installation instructions.
2. 9 Port Splitter installation instructions.
3. Multi-System Work Flow installation instructions with accessories.

1. illume™ Solar Panel Mounting Rail System

Thank you for your purchase. This manual describes how to mount your solar panel mounting rail brackets to your roof and solar collector.
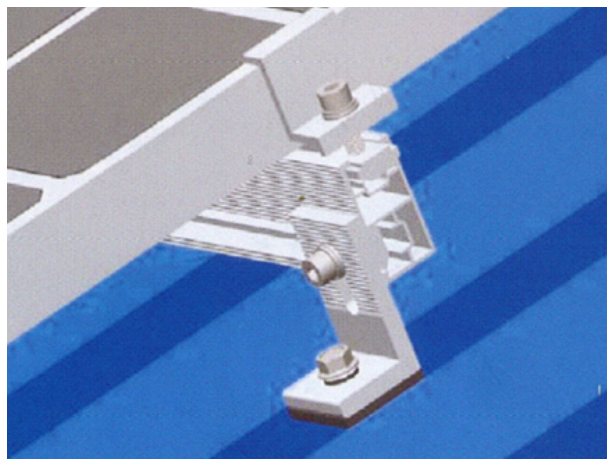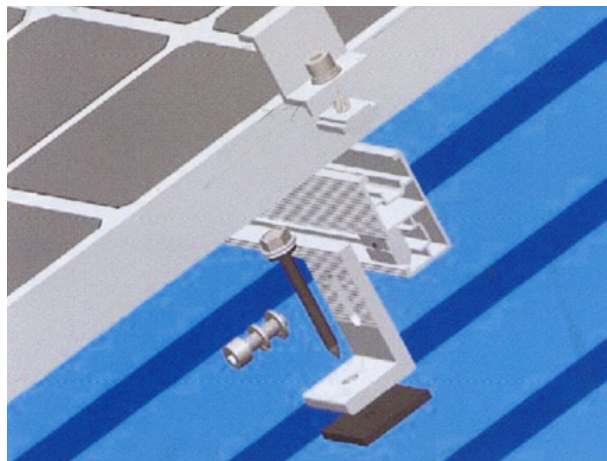
TILE ROOF

1. Remove tile to expose roof truss structure.
2. Rest plate to truss behind the batten.
3. Secure with appropriate wood screws.
4. Replace tile(s) ensuring gaps are closed to prevent leaks.
5. Connect solar panel rail to bracket as per diagrams below.
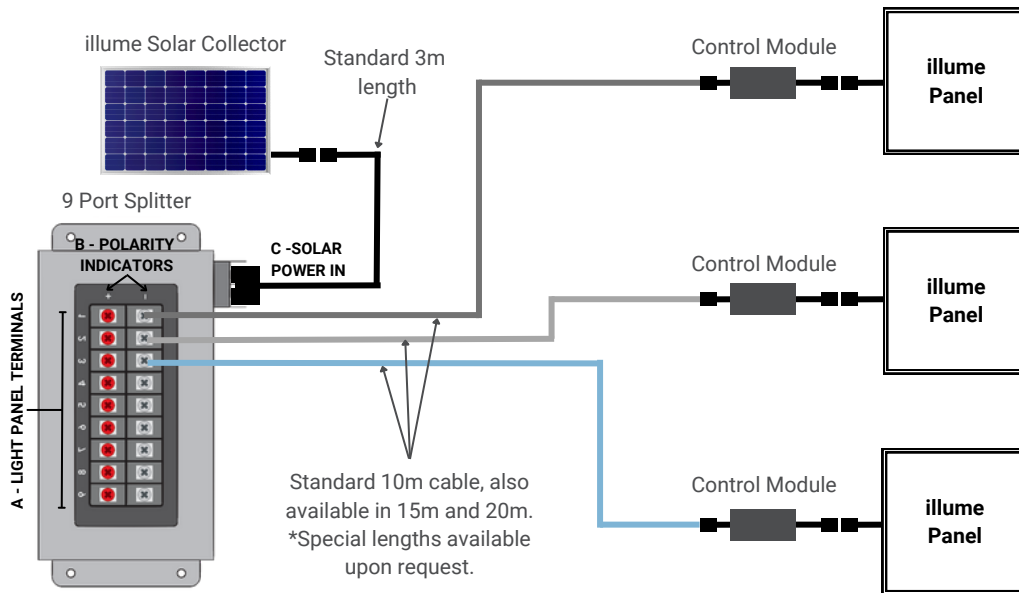
METAL ROOF

1. Locate bracket on peak of roofing material (if material is corrugated).
2. Secure with appropriate roofing screws.
3. Connect solar panel rail to bracket as per diagram below.

2. illume™ 9 Port Splitter Instructions

Thank you for your purchase. This manual describes how to connect the 9 Port Splitter to the other components of your Multi-System. If you have a 2 Port Splitter it is a simple matter of plugging into the splitter as below.

MULTI-SYSTEM WIRING DIAGRAM

illume Solar Collector

Standard 3m length

9 Port Splitter

B - POLARITY INDICATORS

C -SOLAR POWER IN

A - LIGHT PANEL TERMINALS

Standard 10m cable, also available in 15m and 20m. *Special lengths available upon request.

Control Module

illume Panel

Control Module

illume Panel

Control Module

illume Panel

The illume 9 Port Splitter is the center hub for the illume Multi-Systems. It provides power for up to 9 illumes with individual PTC fused outputs with status LEDs.

FEATURES
- Individually protected outputs
- Individual status LED indicators
- Dimensions 138 x 84 28mm

9 PORT SPLITTER CONNECTION INSTRUCTIONS
1. **Connect illume panels to terminals**
2. **Ensure correct polarity – red to positive (+)**
3. **Connect Solar collector to power input.**
4. **LED status indicator will light up.**

3. illume™ Multi-System Work Flow

For illume Accessories, AC Driver and/or Dimmer Kit.

illume Solar Collector

9 or 2 Port Splitter

STANDARD FLOW

Control Module

illume Panel

AC DRIVER/ DIMMER KIT FLOW

Power Module

Control Module

OR   Dimming Control Module if you have the Dimmer Kit accessory.
Ensure the control module is removed and replaced with Dimmer control module .

3 Pin GPO Socket
*Not Supplied

AC DRIVER

Please ensure you read the AC Driver and Dimmer Kit instructions in conjunction.

illume Panel

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