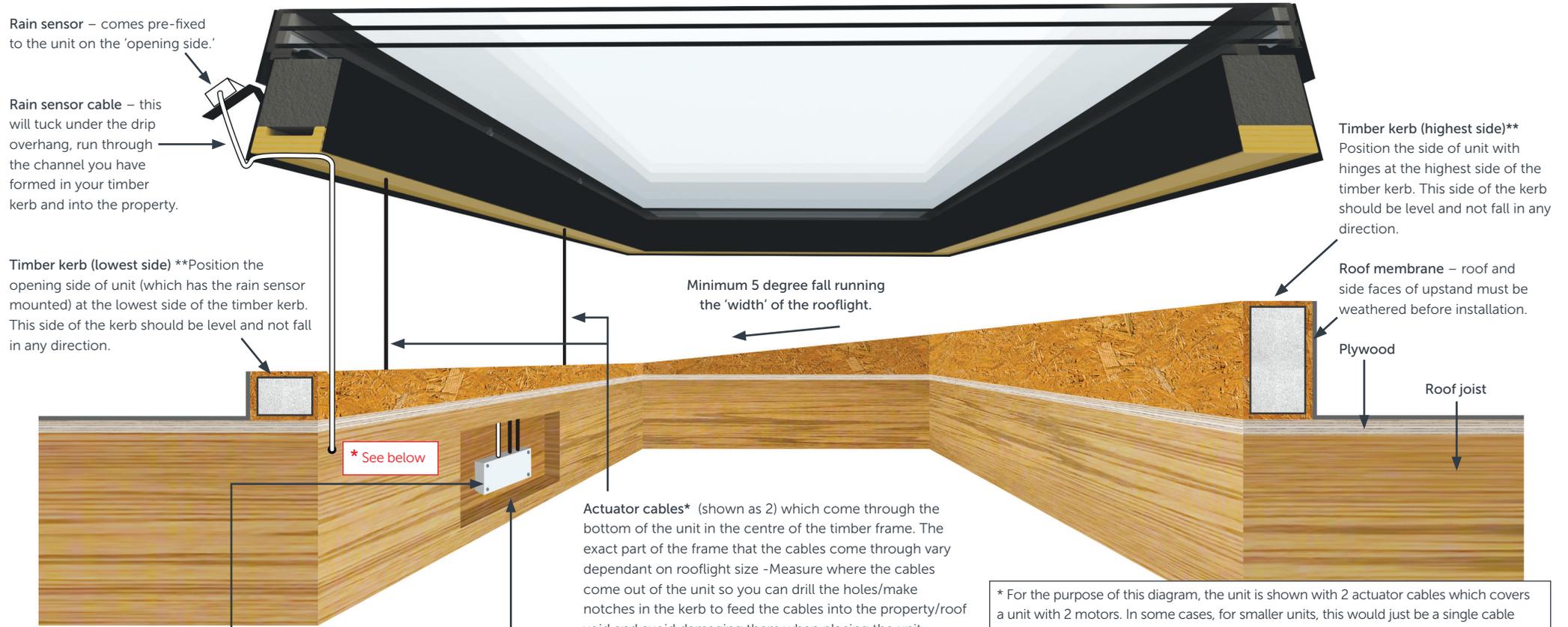


ROOF MAKER

WORLD CLASS ROOFLIGHTS

HINGED OPENING FLAT ROOFLIGHT – CABLE LOCATION GUIDELINES (not to scale)



Rain sensor – comes pre-fixed to the unit on the 'opening side.'

Rain sensor cable – this will tuck under the drip overhang, run through the channel you have formed in your timber kerb and into the property.

Timber kerb (lowest side) **Position the opening side of unit (which has the rain sensor mounted) at the lowest side of the timber kerb. This side of the kerb should be level and not fall in any direction.

Minimum 5 degree fall running the 'width' of the rooflight.

Timber kerb (highest side)** Position the side of unit with hinges at the highest side of the timber kerb. This side of the kerb should be level and not fall in any direction.

Roof membrane – roof and side faces of upstand must be weathered before installation.

Plywood

Roof joist

* See below

Actuator cables* (shown as 2) which come through the bottom of the unit in the centre of the timber frame. The exact part of the frame that the cables come through vary dependant on rooflight size -Measure where the cables come out of the unit so you can drill the holes/make notches in the kerb to feed the cables into the property/roof void and avoid damaging them when placing the unit.

Control Box – install this in the void of the roof, between the joists. This is where your actuator cables and rain sensor cable will be wired in to when you have fed them through into the property. This is powered by a standard 3 pin plug socket, which you will need to install into this area in advance, positioning within 1000mm of the control box location. The control box also acts as the remote receiver.

Optional access panel – we advise that you install an access panel where the control box is located when adding your plaster finish to the timber reveals. This will maintain accessibility to the electronics for maintenance purposes in future.

* If you are running cables down the face of the timber reveal (as pictured here) and into the ceiling void, you will need to notch a channel to run the cable into, so the plasterboard will fit flush to the face of the timber (as per our finishing guidelines). This will also apply if running the actuator cables down face of the timber reveal. Please ensure you do not put fixings through the cabling when adding your plasterboard.

* For the purpose of this diagram, the unit is shown with 2 actuator cables which covers a unit with 2 motors. In some cases, for smaller units, this would just be a single cable or 1 motor. You may need to extend the actuator cables if your control box is located elsewhere. If you have 2 cables, ensure they are extended to exactly the same length. Ensure this is carried out by a qualified electrician. Cable thickness required will vary dependant on the length being added– we can advise in these situations.

**The timber kerb in this diagram is shown as being angled to give the required minimum 5 degree fall. In cases that the roof has a sufficient pitch and doesn't require an angled kerb, we still advise that the opening part of the unit is positioned at the lower part of the fall.

IMPORTANT Ensure that the timber kerb doesn't exceed the recommended 70mm width.