

INSTALLATION GUIDE - *please read before commencing installation*

Tools you will require

Pin Hex 5mm Wrench
Electrical Screwdriver
Phillips Screwdriver 17mm
Socket Spanner (To suit recommended fixings)
10mm Masonry drill bit (To suit fixing)
Plumbers grips (Adjustable water pump pliers)
Needle Nose Pliers



SAFETY FIRST

Isolate the electrical supply before commencing any installation or maintenance work.

Wiring should be carried out in accordance with the latest IEE regulations by suitably qualified engineers.

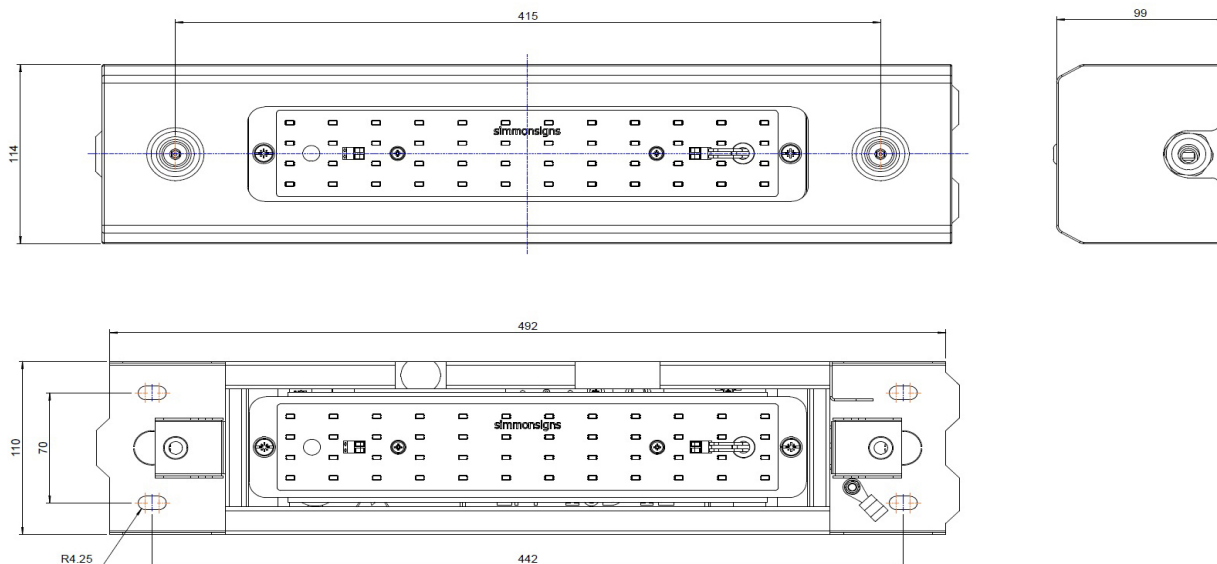
Safelite units, due to their robust construction, are heavy. Every care should be taken to avoid personal injury and prevent damage to equipment. **IT IS ADVISED TO REMOVE THE COVERS BY UNDOING THE TWO COVER SCREWS – DETACH THE EARTH WIRE AND SNAP HOOK FIXING.**

PROCEDURE

1. Referring to an installation plan ensure you are familiar with the proposed location of the units. **NOTE** Determine if the wiring is entering through conduit from one, end or from the wall behind the units. If coming from behind, the wiring can enter through the holes provided at each end in the back plate.
2. Ensure you have all the components. In addition to the items shown on the plan ensure you have sufficient suitable fixings. Recommended fixings for 'sound' concrete are M8 x 100mm Chemfix studs.
3. Working from the wiring end of the installation, mark and drill fixing holes for the first unit and infill if applicable – ensuring the obround holes of the unit and infill are carefully aligned so that unit covers will fit correctly.
4. Apply the fixings following the manufacturer's instructions.
6. Loosely bolt the unit and infill if applicable into place.
7. Align the next unit with the keyed design or infill as applicable and mark the position of the next holes. **NOTE** Infills are secured on the same fixing points as the units ensuring that once the unit covers are fixed in place, access for their removal is restricted.
8. Repeat steps 3 - 7 until the run is complete. Check all covers will fit then tighten the bolts down ensuring that the tightening of the fixings does not cause distortion of the unit/s. Distortion can be eliminated with the use of shims placed adjacent to the fixings.
9. When wiring the unit/s make use of Needle Nose Pliers to ensure wires are correctly positioned in the melamine block, pay attention to any cable entry/exit ensuring the glands are tight in order, to maintain the ingress protection - IP65 rating.
10. An end plate kit is provided for each run. These are to be fitted at each end of the run inside the appropriate front covers. The supplied earth leads should be fixed in place. **NOTE** The end plate allows for blanking off or for a 20mm Conduit or 25mm Conduit fitting by rotating the plate accordingly and aligning the desired feature in the horseshoe cutout.
11. The unit light output will be set as ordered, if required please adjust the light level using the rotary switch marked 0, 3, 2, 1 (refer to the datasheet for light output levels) accordingly then connect the array connector to the mating connector in the unit and fastener the array down with the two fitted panel fasteners.
12. Finally reconnect the Earth lead, Snap hook and fasten the cover with the two cover screws to a torque of 1.2Nm.

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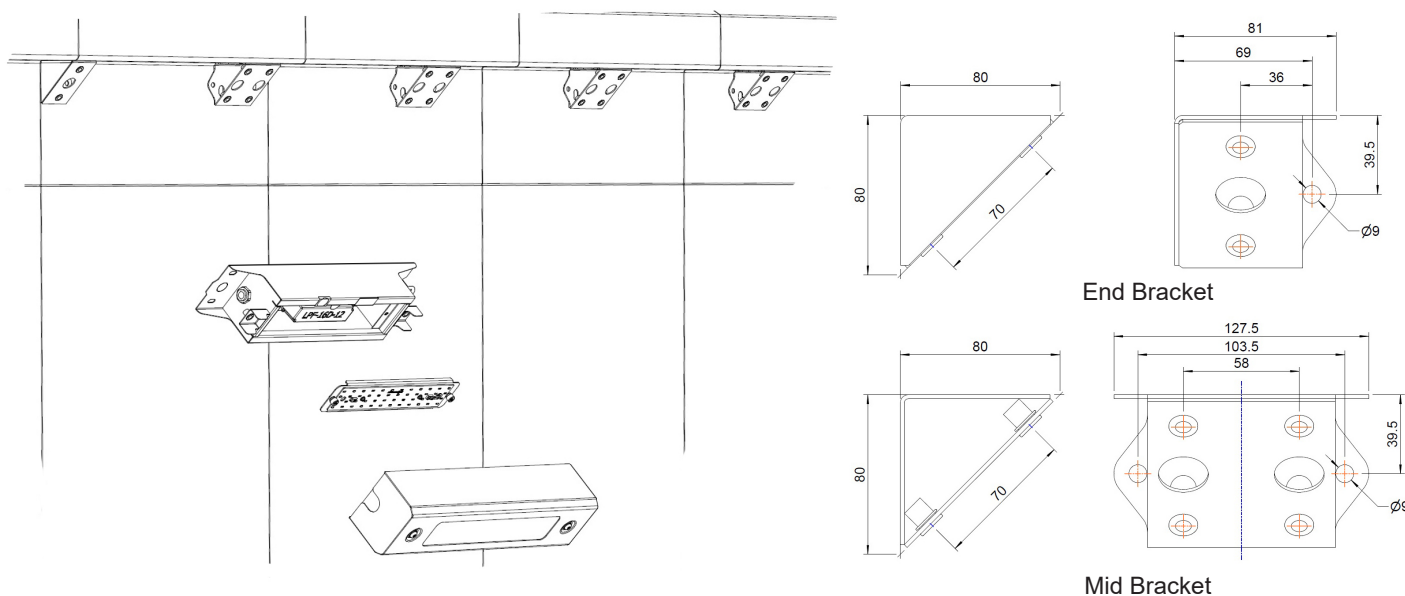
DIMENSIONS



BRACKET INSTALLATION

PROCEDURE

1. Safelite can be installed to our angled brackets which come in the form of an End Bracket and a Mid Bracket. These can be installed either way up using M8 x 100mm Chemfix Bolts and will provide fixing points to bolt the Safelite to the wall/ceiling with M8 x 20MM (MAX) Stainless steel bolts, Penny washer and shakeproof washer.



PLEASE RECYCLE ALL PACKAGING

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