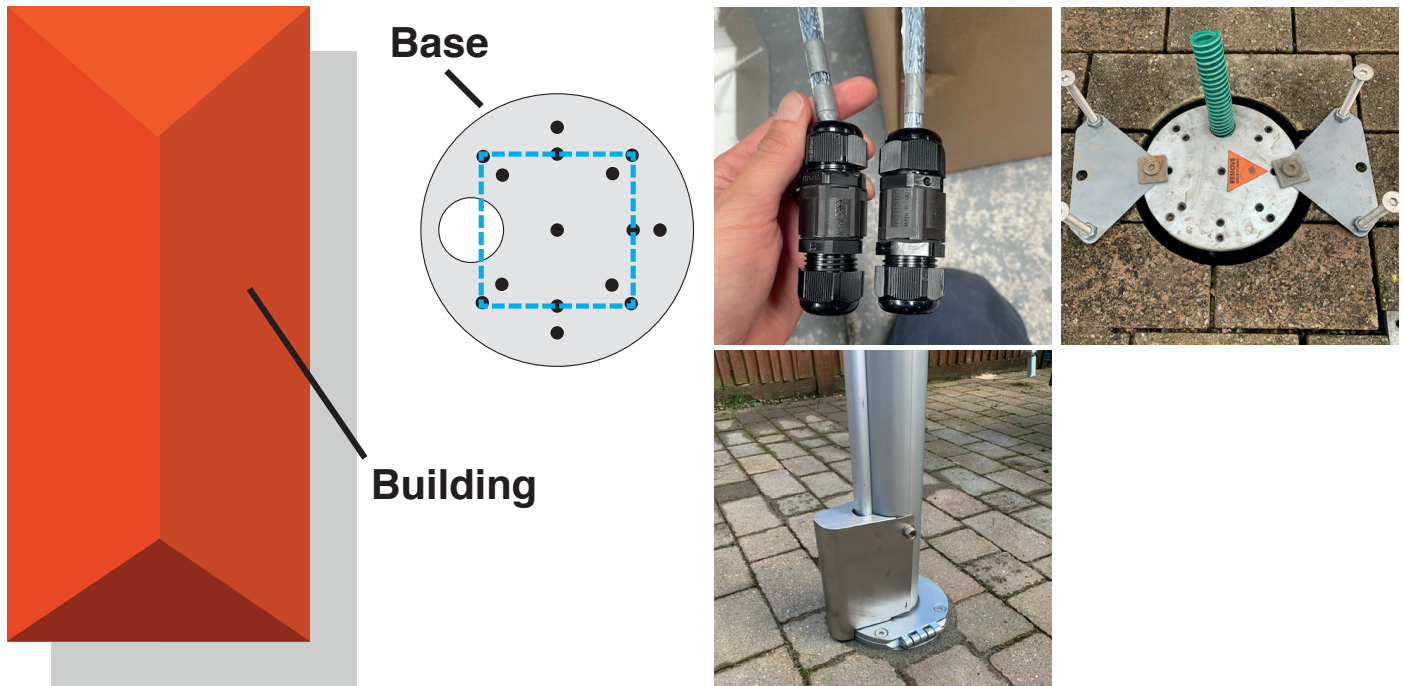


NOVA INSTALLATION (WITH HEAT AND/OR LIGHT)

When setting the in-ground base it is important to set square if needed, this is especially important if you are using electric. The large hole on one side of the in-ground base is always located in the middle of a flat edge. So this can be used to square against a building. We have included square dotted lines on the image below. This is very important, as once installed we cannot alter if electricity is being used.

The large hole is for the electric cables to power the heat and light. These should be laid when the in-ground is being concreted in. At the bottom of the parasol will be two feeds, one for the heaters and one for the LED. The heaters are 1kw each, and each parasol has 3 heaters. Generally you will need one 20amp feed for the heaters, and one 6amp feed for the LED. See image below showing connectors that will be at the bottom of the parasol. These connections are then covered by a stainless steel cover.



Note you will have either a receiver for each parasol (to be used with remote), or a mast mounted time lag switch. If receiver this needs to be fitted withing 50m of the parasols. It is recommended that the LED lights are connected to a simple outdoor switch for easy operation.

Installing In-ground

The inground is a galvanised steel fitting that must be concreted into position. Because terrain differs from thick clay to sand or fine soil then a different sized hole must be prepared and a different volume of concrete used. As a guide only a hole 50cm x 50cm x 70cm deep is a minimum requirement for heavy clay terrain.

Even then a post hole borer can be used to deepen the centre of the footing. When pouring the concrete it is advisable to drop a few lengths of reinforcing steel bar into the hole to prevent the concrete from cracking. Remember that depth of hole is better than width and it is much easier to make the hole over size than to try to re-stabilise the in-ground fitting should it start to move over time if applicable, patio tiles or paver's have to be removed to facilitate this in-ground fitting and then cut to suit when replaced. If installing through a thin layer of concrete or bitumen, a core drill should be used to drill a 250mm diameter hole in the concrete/bitumen. The remainder of the hole below can then be dug out by hand or post hole digger.

