

Installation guide

(non-magnetic)



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Infinity delivery contents



Your Infinity order will comprise:

- One or more large “pizza box” cartons containing the Infinity panels.
- One or more boxes containing light source(s), Hydra-6(s), carrier tails and screws & dots



On the back of the panel there is a fibre-optic tail terminating in a metal ferrule that connects to the ferrule on a carrier tail with a screw-fit connector.

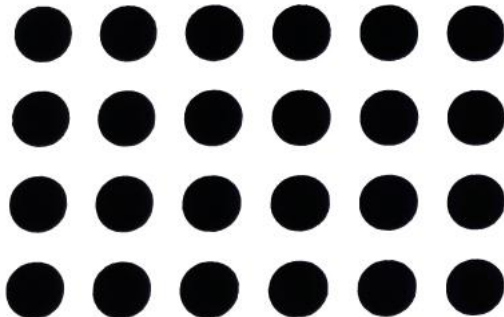


The Hydra-6 light splitter will have screw-fit barrel connectors on the tails.

The carrier tails will have screw ferrules at both ends and their lengths clearly labeled.



The light source(s) need a 240v socket. The location of the light source in the finished array will be marked on your tail plan at the end of this booklet.



The small felt dots cover the heads of the supplied screws once the panels are fixed to the ceiling.

Light source

The light source must be positioned on a flat surface with no obstructions e.g. on a plywood base rather than balanced on a joist or resting on insulation. If the unit is to be wall mounted, the rear vent must not be obscured. It must be ensured that there is always suitable room for air flow around the unit.

The light source used will be one or more of the models shown below. The exact unit used for the installation will depend on the requirements of the array. The manual for the light source chosen for this installation is included in the light source box. Manuals are also available on our website (https://www.starscape.co.uk/resource_centre.php).

If a hard wire kit has been requested, this should be installed by a qualified electrician.



MiniLED550



MiniLED600



MiniLED750 or 800



MiniLED650 or 850

Hydra-6 and carrier tails

The Hydra-6 will split the light emitted from the light source into 6 separate tails. You may not need all 6 tails; however, this system allows for flexibility. The personalised tail plan included with this manual will show the light source location(s) and the length of the tail required by each panel.



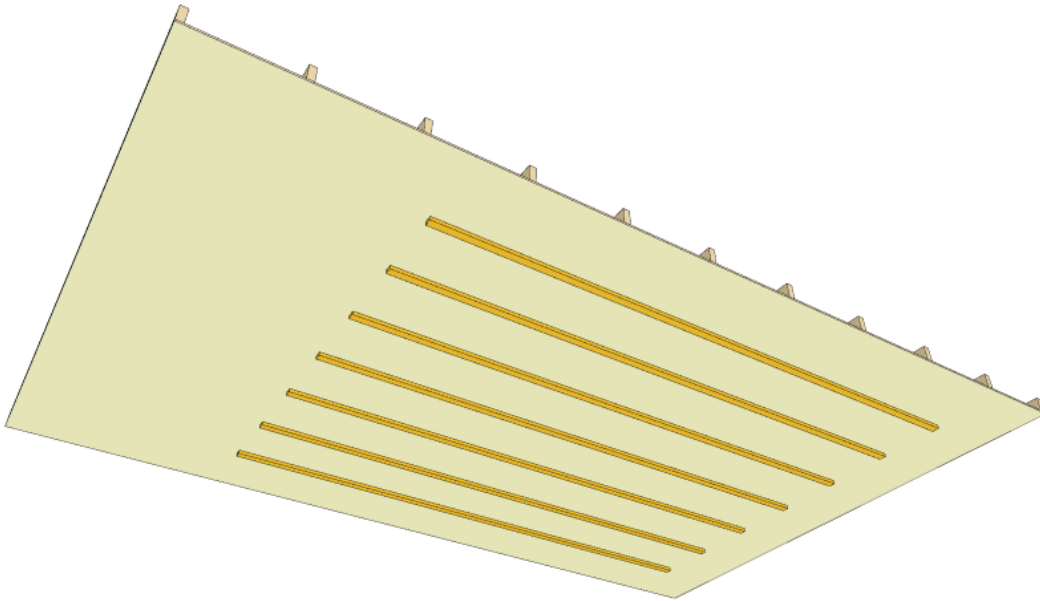
Once the light source has been situated, plug in the Hydra-6 and tighten the small screw on the optical port.

The carrier tails transfer the light from the Hydra-6 to the Infinity tail. All tail components fit together using screw barrel optical joints.



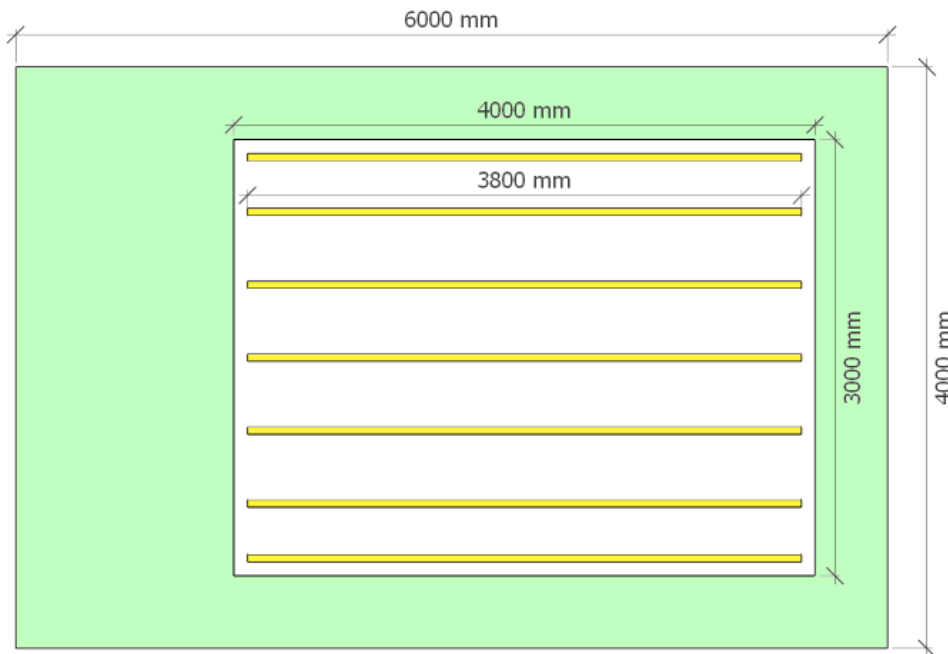
Installation of timber battens

Throughout this guide the example install is a 4m x 3m array within a 6m x 4m ceiling

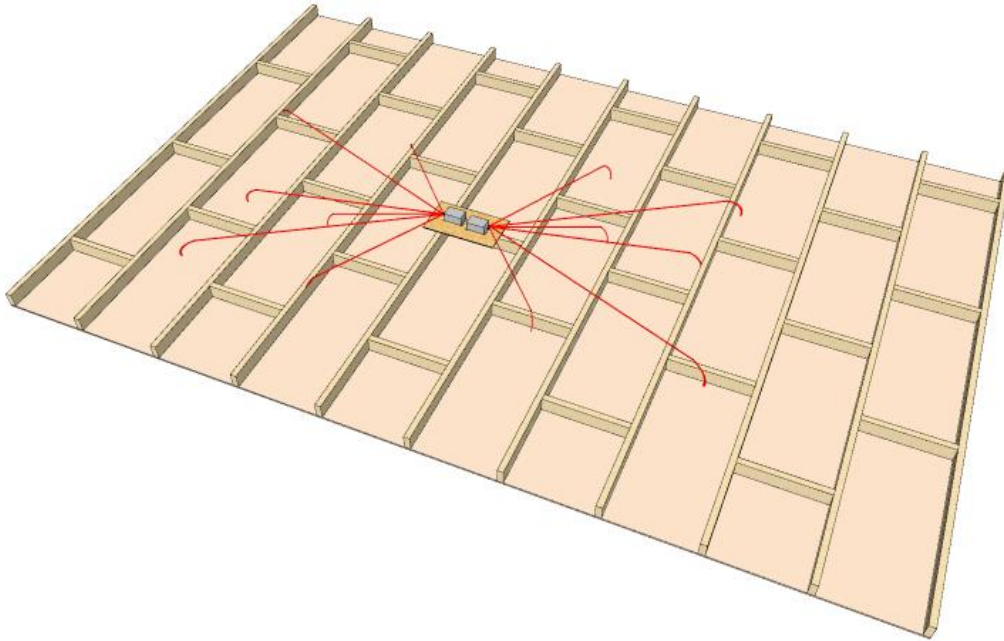


Measure and mark out the location of the timber battens. In addition to the edges, each panel also requires a central batten. It is recommended that the battens run across the joists and are screwed into timber.

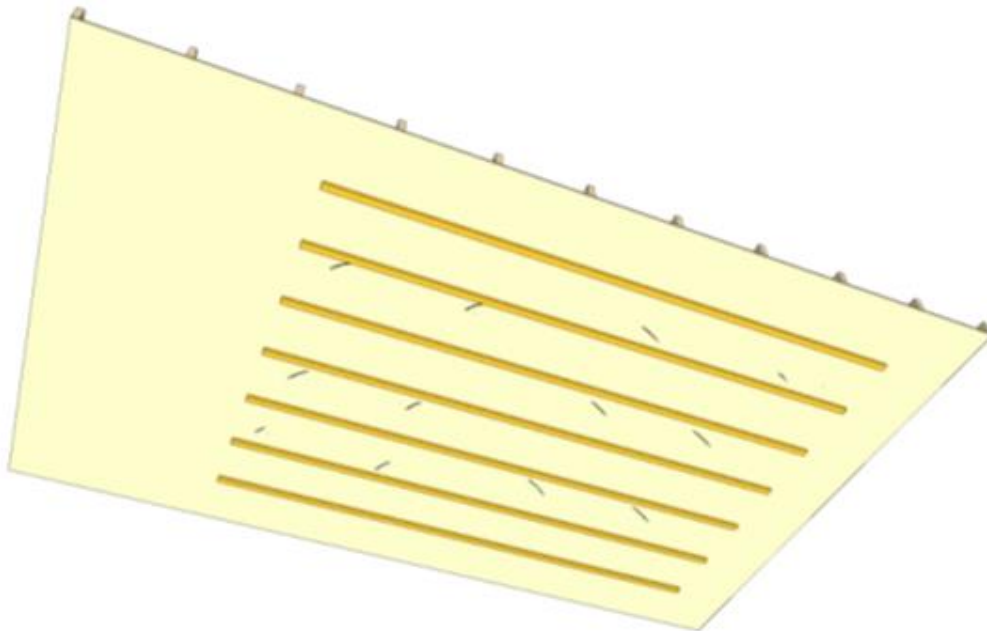
Unless the outside edge battens are finished to match the panels, e.g. painted black, fabric wrapped etc, it is recommended that the outside edge of the battens are inset by 100mm.



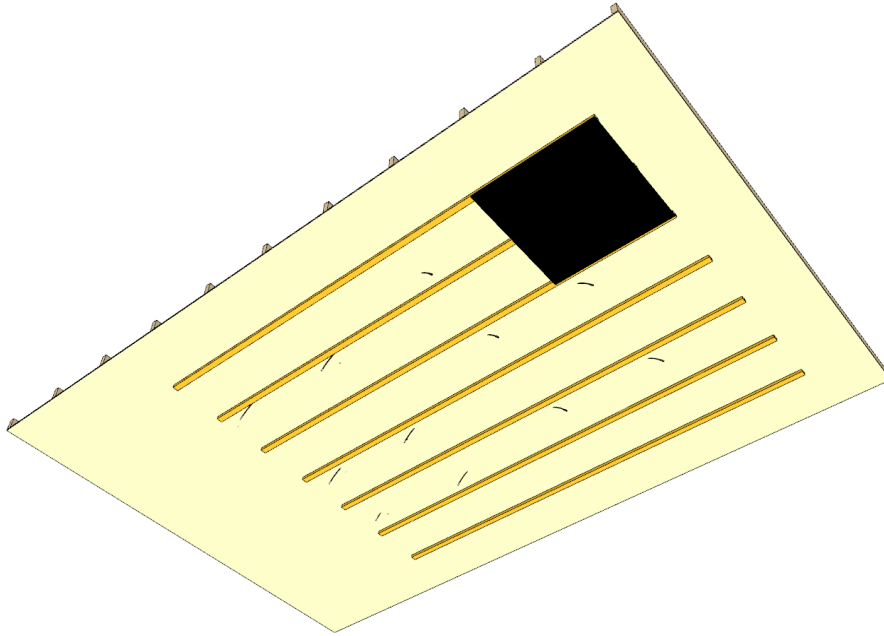
Carrier tail & Panel Installation



Ensure the Hydra-6 is firmly attached to the optical port on the lightsource. Connect the carrier tails to the Hydra-6. If carrier tails cannot be fitted above the ceiling, then gaps between the battens or a second layer of battens right run across the first, can allow the carrier tails to be run across the panel array.

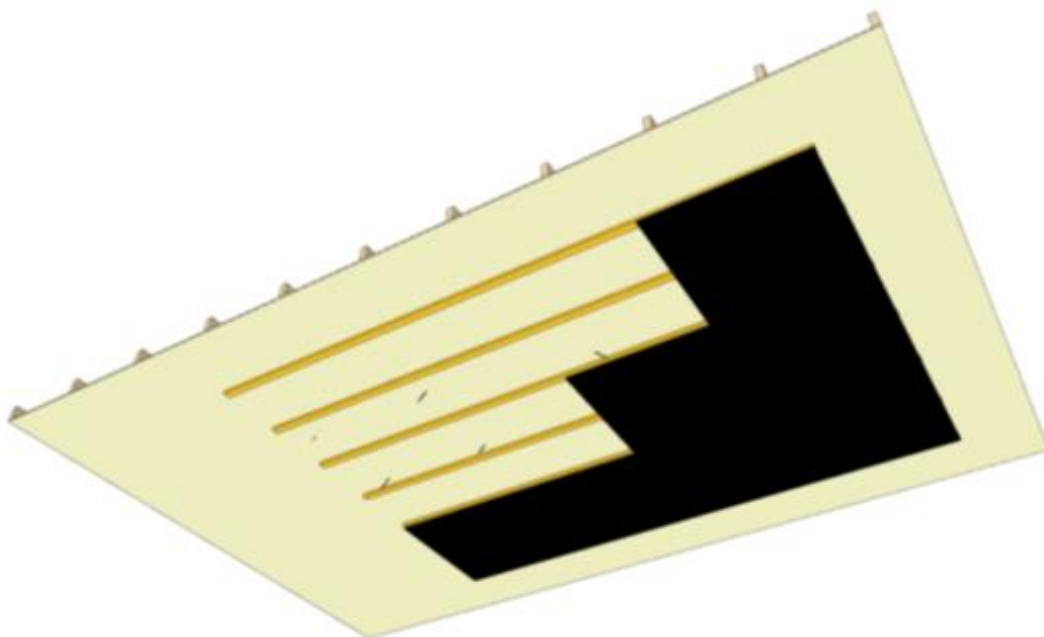


Passing over the joists or through the battens, lead the carrier tails to their approximate locations in the array.

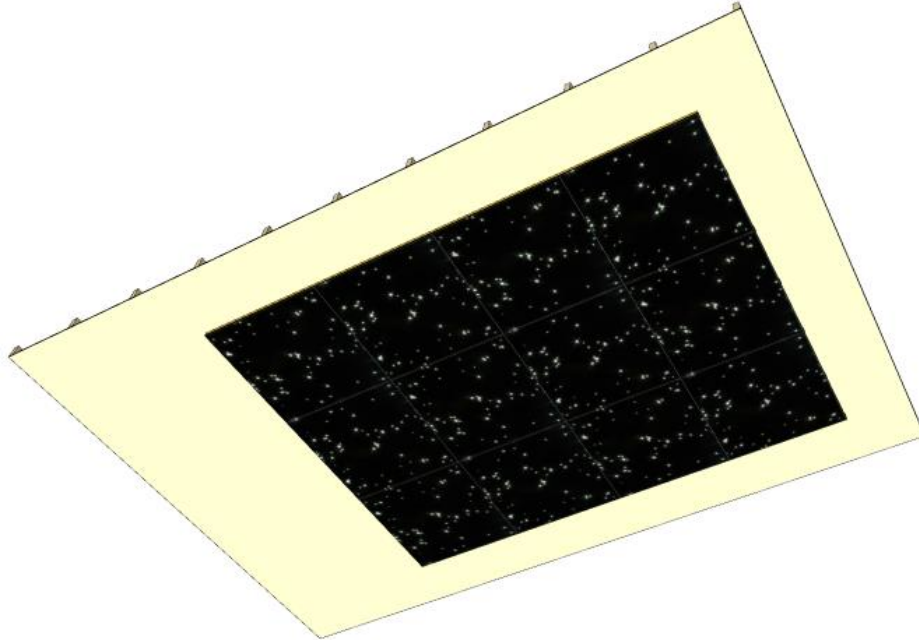


Once the carrier tails are in place, the first panel can be installed. At least two people are required for this.

Starting in a corner of the array, connect the carrier tail to the Infinity panel tail and place the panel against the battens, ensuring it is squarely located. Once in place, secure the panel with the provided screws (no less than 9 per m² distributed equally).



Continue installing the panels, ensuring that each panel is square to adjacent panels before screwing into place.



Once the panels are fitted, brush the whole array with a stiff bristled brush. This will remove any finger marks or lint from installation and will raise the fabric to also further minimize the appearance of joints. Once the surface is brushed, fit the felt dots over the screw heads.

Finally, turn it on and enjoy your.....



Installation video (YouTube)