STAR PANEL INSTALL INSTRUCTIONS
Based on 6 Panels (3*2)
Using metal protektor channels

Parts: 6 * star panels (1000mm*1000mm)
6* protektor metal channel (3000mm*120mm)
Screw/fixings to mount metal channel to ceiling
`   Light engine with fibre optic harness

Installing Light Engine
1… Cut out ceiling near centre of area to be covered with panels , make sure there is plenty of room for light engine and fibre harness to fit .
2… Make sure electrical connection is done to appropriate supply by qualified electrician.(Also any control cables if on automation system)

Metal channel and panel mounting
1...Work out how many panels you need to fit space available (panels are 1000mm * 1000mm as standard)
2... Find centre point of star ceiling, then mark outside edges (for left and right, 1000mm from centre and front and rear 1500mm from centre.(Fig.1)
3...Cut 60mm off protektor metal channel so its not seen at ends of finished star ceiling (1 length is 3000mm)
4...Screw metal channel to ceiling starting from left edge 30mm in from outside mark, then do same for right edge. For centre fit 2 lengths of metal channel side by side. Then fit 1 channel 500mm left and 1channel 500mm right from centre.(Fig.2)
5...Mount first star panel onto metal attaching tethers (Fig.3), then connect fibre tail of panel to fibre harness, tape together with pvc tape, then offer panel up to metal ensuring magnets sit on each section fully.   On remaining panels do same, carefully push each panel up to previous one so joins have no gaps.
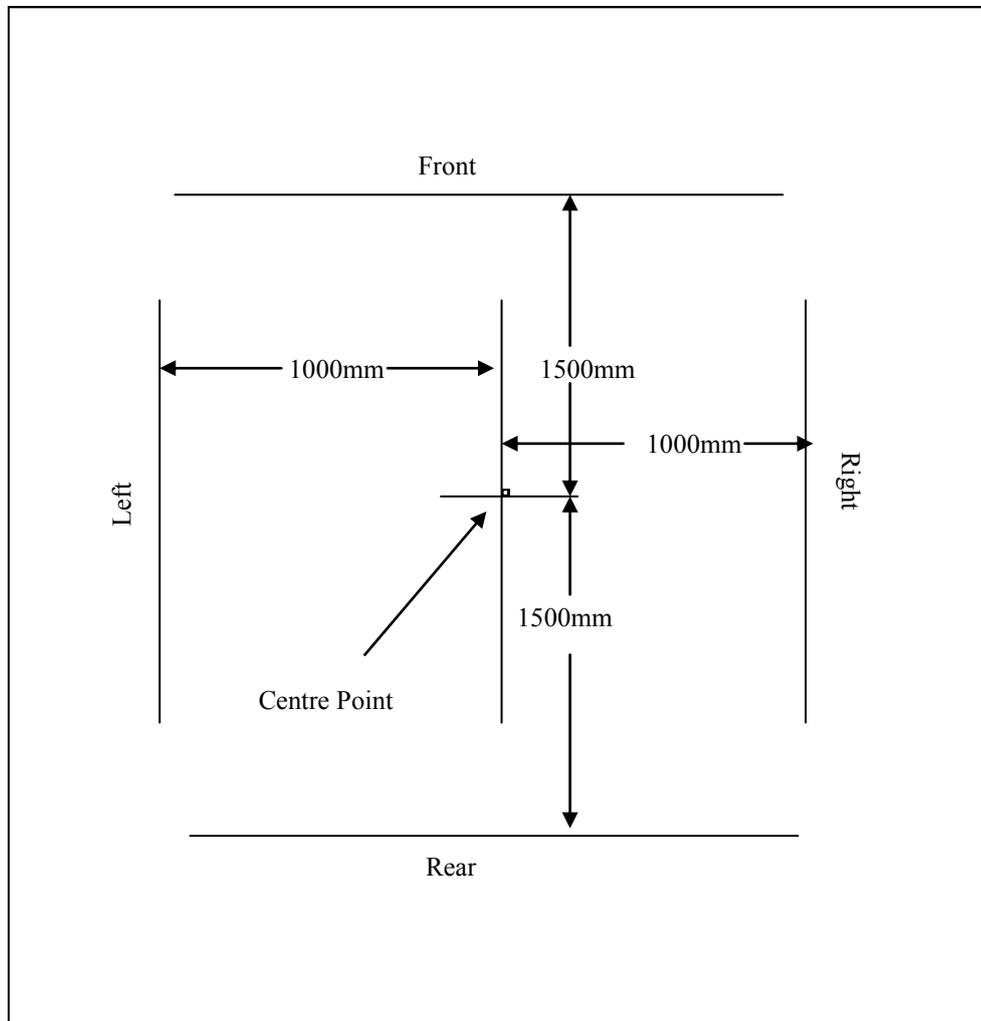
Fig.1

Fig,2

Metal channel
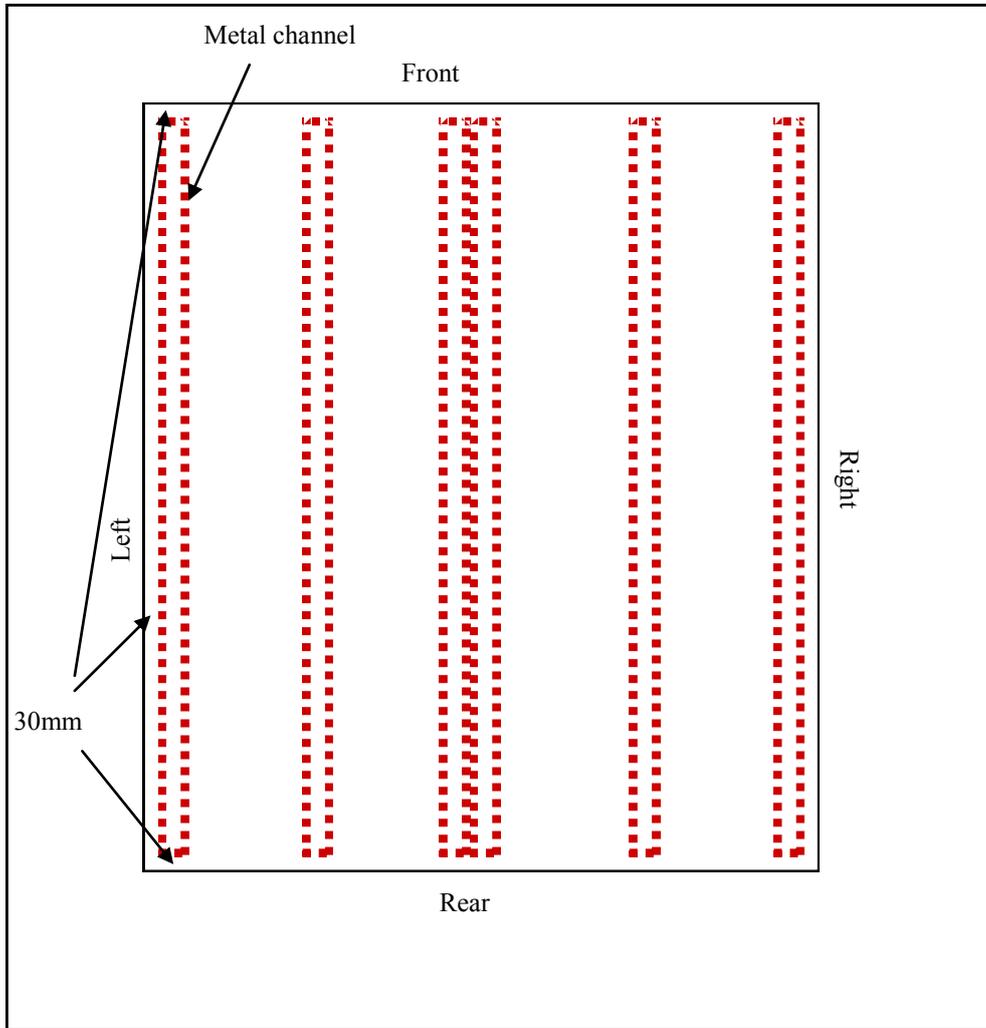
Front

Left

30mm

Right

Rear

Fig.3

Tether attached to metal channel
(1 on opposite corners of panels)

Fibre Harness

Fibre tails

Push together and seal with PVC tape

Magnets attached to 100mm*100mm pads
(Magnet can be moved on these if required)

Front

Fibre
connection

Left

Right

Light Engine

Rear