Reference

Applies to every Procura system

This page applies to all products. Product sheets list only what is specific to that system.

Tools required

- Tape measure and pencil
- Spirit level or laser level
- Cordless drill and driver
- Masonry or wood bit to suit substrate
- Allen key (supplied with locksets and extension sets)
- Flat-head screwdriver (budget locksets only)
- Rubber mallet
- Clean gloves for graphic handling

Not supplied

- Wall or ceiling fixings — substrate dependent, specify to load
- Wall plugs
- Sealant, where required by the substrate
- LED drivers and lamps, where not factory fitted

Fitting the graphic

1. Wear clean gloves. Silicone keder picks up dirt and it shows through backlit graphics.
2. Identify the top edge of the graphic before starting. Most are printed with an orientation mark.
3. Start at one corner and press the keder into the groove with your thumb, working along the rail.
4. Fit two opposite sides first, then the remaining two, easing tension evenly as you go.
5. If the keder will not seat, stop. Check it is 14x3 and that the groove is clear of swarf or sealant. Do not force it — the keder will tear.
6. To remove, start at a corner and pull the keder out at a shallow angle. Never pull perpendicular to the rail.

About the markers

- A red dot marks a figure or limit confirmed against published supplier data. •
- Anything unmarked is standard practice for this type of frame. If your substrate, format or load is unusual, confirm it with IAC before you build.

Activate 160

Installation – Freestanding or hanging, illuminated 3D configuration

Illuminated corner post for Double 160. Builds lit L, U and O configurations and full exhibition stands.

Before you start

Product code E160-P

Mounting Freestanding or hanging, illuminated 3D configuration

Read the shared reference page for tools, fixings and graphic fitting. Only steps specific to this product are listed below.

Installation

1. Set the configuration out and confirm post positions and the electrical route through the structure.
2. Calculate inner graphic sizes from the configuration table before ordering fabric.
3. Assemble each Double 160 wall flat, with its LED fitted and tested.
4. Stand and brace the first post. At 3.480 kg/m the post is the heaviest component in the range - the Double 160 rail it carries is 2.005 kg/m - so this is a two-person job.
5. Engage the first run and secure with post connector LS-102 (supplier FK-0675): one set of four per post in an L, two sets in a U, four sets in an O.
6. The Double 160 rails take LS-1200 at their own corners, eight per configuration. Different part from the post connector.
7. Route and connect the lighting as each run is added. Retrofitting the harness in a closed configuration is very difficult.
8. Fit stabilizers on any frame over 2200mm, using stabilizer lockset LS-0220.
9. Fit extension sets XT-101 where the post is jointed.
10. Fit baseplates or hanging points.
11. Test every face before any graphic goes on.
12. Fit outer graphics, then inner.

Inner fabric corrections

Applied per side against the frame's outer dimensions. Confirm before the graphic goes to print.

L configuration -160mm per side on the inner fabric, against the frame's outer dimensions

U configuration -160mm per side on the short side, -320mm on the long side

O configuration -320mm per side on the inner fabric

Activate 160

Installation – Freestanding or hanging, illuminated 3D configuration (cont.)

Warnings

- Electrical work must be carried out by a competent person to the local code.
- LED driver DR-101: 200-240VAC 50/60Hz input, 24VDC output, 2.5A max, power factor >0.9, case temp limit 80C, ambient limit 45C. Confirm the ambient limit against the installed location - a driver inside a sealed ceiling void can exceed it.
- Post connector LS-102 joins post to profile; the Double 160 rails take LS-1200 at their own corners. Two different parts.
- Test all faces before closing the configuration. Access afterwards is poor to impossible.
- Inner fabric corrections are the largest in the range. Verify before printing.
- Minimum frame height is 400mm. Edge lighting is specified up to 2.6m; above that use LED on stabilizer for even coverage.