

LO55 Tiling Hardware for Planar® LookThru™ OLED Transparent Display

LO55 Tiling Hardware

- LO55 Tiling Hardware can be used in installations for either flat or corner mounts. There are four different designs, all made up of an interlocking front and back component. There are silicone gasket strips on both tiling components.
- Two tiling hardware types (figure A and B) are for flat installations.

Figure A



Center tiling component for flat configuration
(2x2 panels, front view)
935-0421-XX

Figure B



Edge tiling component for flat configuration
(2x1 panels, front view)
935-0422-XX

Figure C



Center tiling component for corner configuration (2x2 panels, back view)
935-0423-XX

Figure D

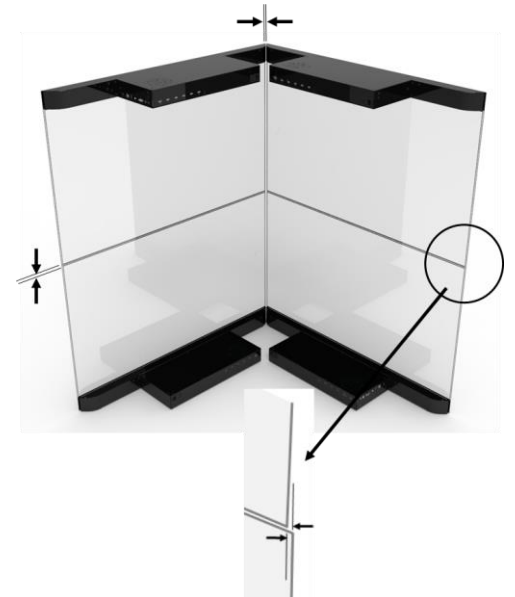


Edge tiling components for corner configuration
(2x1 panels, back view)
935-0424-XX

Preparing the Wall for the LO55 Tiling Hardware Components

- The gap between the LO55 Display Glass in adjacent displays should be:
2.5 mm \pm 1.0 mm (0.10 inches \pm 0.04 inches)
See Figure E.
- Edge alignment (Display Glass co-planarity) between adjacent LO55 Display Glass should be \leq 25 mm (1.0 inch). Note the detail referenced by the circle in the Figure E.
- The Planar LookThru OLED transparent displays must be securely and independently mounted. The displays should be properly aligned and plumb before attaching the LO55 Tiling Hardware.
- Before installing the LO55 Tiling Hardware, shim and adjust placement of the displays at the mounting points to bring the glass into proper position.
- The LO55 Tiling Hardware components should not bear any load.

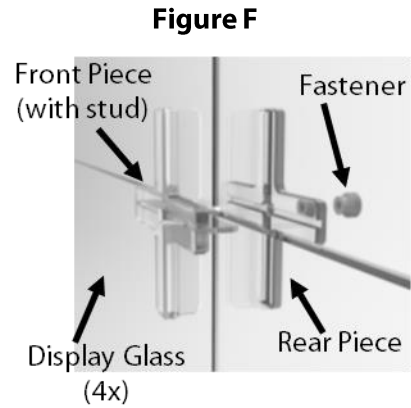
Figure E



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Using the LO55 Tiling Hardware

- Figure F shows an exploded view of the LO55 Tiling Hardware



- The fastener is intended to be on backside of the display
- Do not overtighten the fasteners – no more than finger tight

- Figure G shows some examples of the use of the LO55 tiling components

