



FlexFit™ Static White

Installation Instructions

⚠ SAFETY PRECAUTIONS

Do not exceed the maximum wattage of the power supply.

Do not fold, crease, twist, or bend LED panels at sharp angles.

Remove from power source immediately if any damage is found in the LED panel or cabling.

Cable Handling: The first 1.0" (25mm) of the leader cable should maintain its natural state before any bending occurs.

Ensure all electrical connections are secure before applying power.

FlexFit is not walk-over rated.

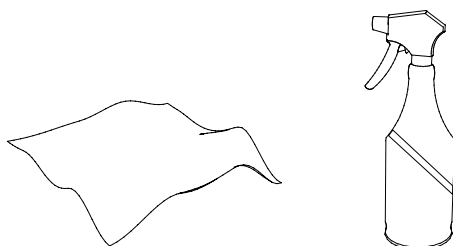
To prevent damage and ensure safety, avoid powering on the panels while removing the adhesive backing or during installation.

Refer to FlexFit Static White Spec Sheet to ensure multiple connected panels are suitable for power supply.

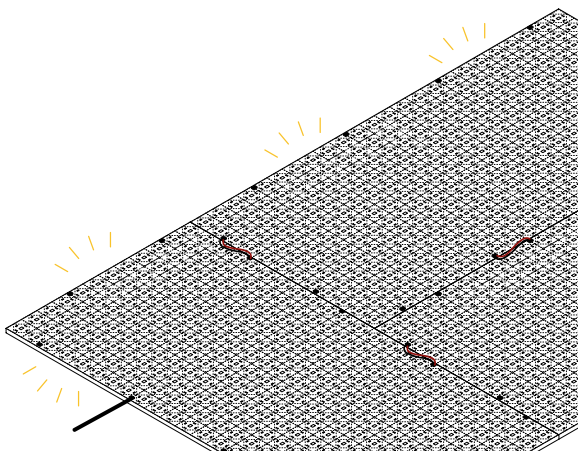
Flexfit panels should be cut using a sharp knife or scissors as using a dull tool may lead to the panel shorting when powered.

Only cut along dotted lines. Failure to do so could damage the panel and void the warranty.

- 1 | Prepare mounting surface by removing any dirt, debris, or moisture.

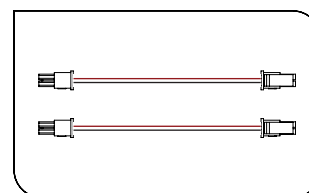


- 2 | Arrange panels on the surface to determine optimal placement. Power and connect panels together to ensure all panels are functioning properly.



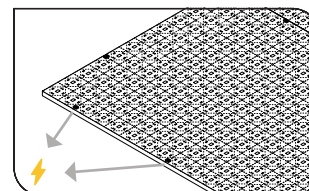
JUMPER CABLES

Each 12" x 24" panel includes two 3" jumper cables.



ORIENTATION

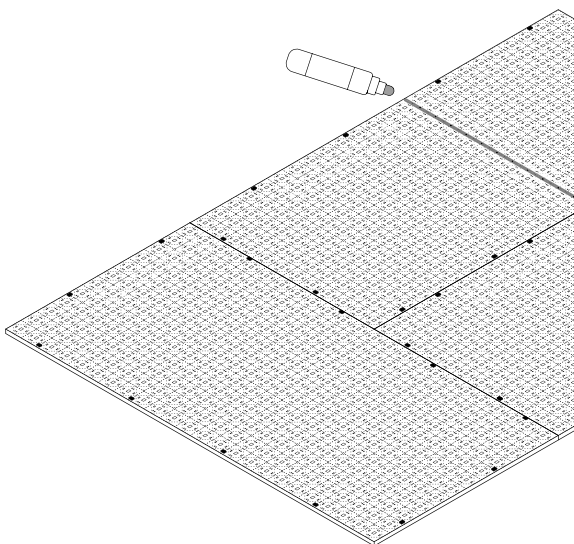
Prior to mounting, ensure that FlexFit is correctly oriented with power feed end toward power source.



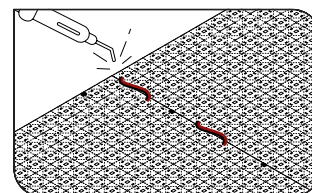
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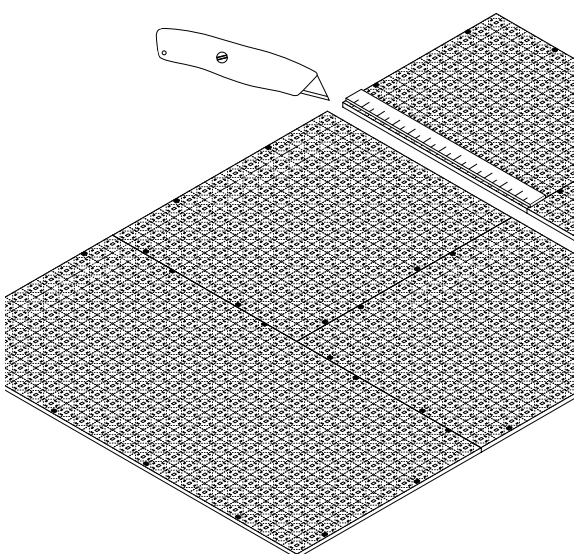
- 3** | Disconnect jumper and power cables. Mark where panels are to be cut and trimmed. Ensure that there is a minimum of two jumpers that can be connected between each panel.



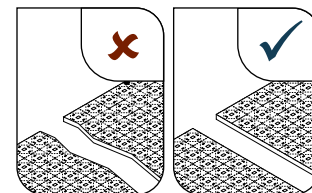
PANELS W/O CONNECTORS
If panel shape requires the removal of connectors, a minimum of two positive and negative jumpers must be soldered from one sheet to the next sheet prior to installation.



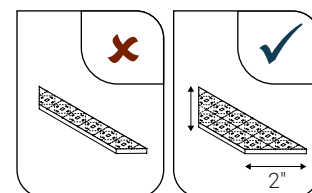
- 4** | Using a precision cutting tool and a ruler or straight edge, accurately trim panels along the dotted line.



CUTTING
For optimal results, make each cut in a single, fluid motion starting and ending at a mounting hole. Any crimping, unevenness, or excess material left in the PCB from a non-uniform cut may result in performance issues.



DIAGONAL CUTTING
Any shapes that require a diagonal cutting pattern must be a minimum of 2 inches wide to maintain electrical continuity.

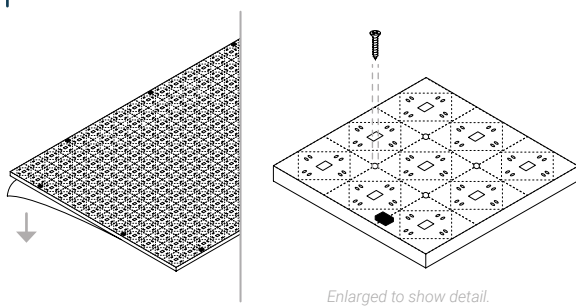




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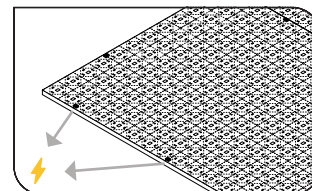
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5 Peel off 3M adhesive protective film. Optional Mounting: Use screw holes



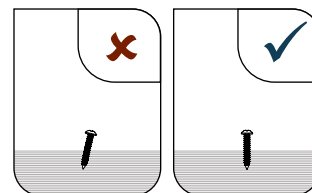
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Prior to mounting, ensure that FlexFit is correctly oriented with power feed end toward power source.

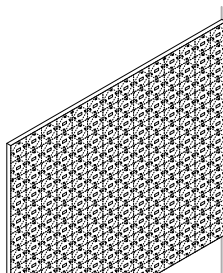


PROFILE SECURING

Refrain from using screws larger than 1.8mm and utilize washers to avoid circuit interruption. Ensure screws are driven vertically and do not cut into the FlexFit panel to avoid shorting the panel.

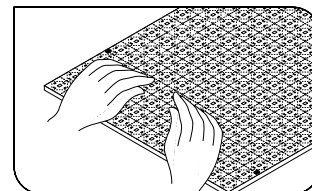


6 Begin by placing the first sheet in far corner of the workspace. Peel off the adhesive backing from one side, secure it, and then gradually remove the protective film while applying the rest of the sheet.

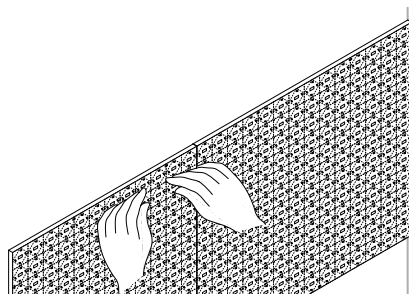


SECURING PANELS

Using your hands, apply gentle pressure along the entire panel to eliminate any air pockets and ensure it is securely in place.



7 After adhering the first sheet, align the edges of the subsequent sheet with those of the previous one, then carefully lay it down. Press the panels firmly by hand and smooth out any air pockets for a secure fit.

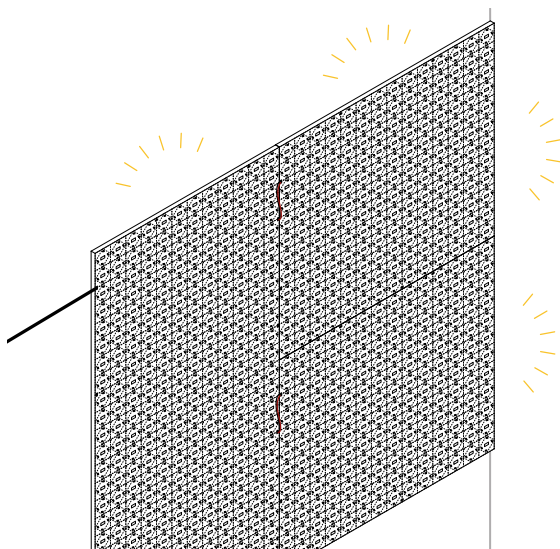




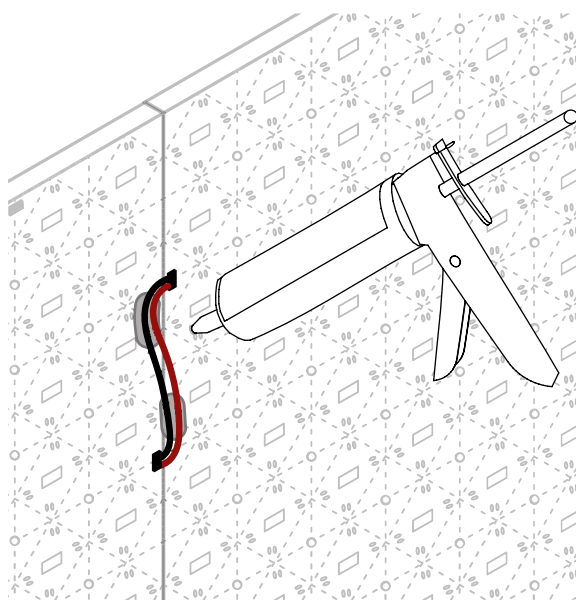
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- 8 | Once all panels are installed, begin by connecting all the panels together using the included jumper cables. Power on.



- 9 | Shape the wires around the LEDs and fasten them to the PCB using silicone rubber adhesive to ensure the LEDs are unobstructed and to prevent the occurrence of dark spots.



Enlarged to show detail.

DIFFUSION

For best results, offset diffusing surface from LED panel by at least 1.5x the largest gap between diodes (center to center).

