

## FLEXIBLE LED LIGHT SHEET

**APPLIES TO:** All available Auragami Flexible Light Sheets

## INSTRUCTION MANUAL

**BACKLIGHTING // LED SHEETS // AURAGAMI<sup>®</sup>**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTIFICATION

### SUPPLEMENTAL WET LOCATION INSTRUCTIONS

Auragami Light Sheets are IP65 rated per the standardized International Protection Code testing and rating system. An IP65 rating means this product is protected against dust ingress and temporary jets of water. This does not mean that Auragami is waterproof. Auragami should never be continuously and/or frequently exposed to water or to conditions where moisture could pool on the light sheet or in the connector blocks and not evaporate quickly. When Auragami is used in wet or damp conditions it should be encased by the material it is illuminating or by a full or partial framed enclosure.

It is essential to understand that the protection testing is performed in a controlled environment and does not necessarily reflect real-world conditions or scenarios over extended periods of use.

If Evo-Lite understands that your application may be subjected to higher moisture levels than what the IP65 protection implies, but not to the point of over saturation or misuse, we will require that additional protective measures be employed when installing Auragami in locations subject to continuous and/or frequent moisture. Application of acid-free, electronic grade silicone to the product's connection terminals and cut edges in these scenarios will be required. Failure to adequately protect these areas may result in electrolytic corrosion that affects the product's functionality.

### KNOW BEFORE STARTING

- // Always disconnect power at the source before modifying lighting product or lighting system.
- // No precautions are necessary for Auragami's uncut, standard edges. Only the cut edges must be protected against moisture.
- // Only use acid-free, electronic grade silicone. Available from Evo-Lite (ASI-388CL-EVO) and sold separately.
- // Use disposable protective gloves (nitrile, vinyl, etc.) if desired to handle silicone.
- // Ensure that silicone does not cover any LEDs as this may affect light transmission.
- // Silicone will nullify the adhesion properties of Auragami's 3M backer. Ensure backer paper is attached before adding silicone to cut edges. Disregard this if light sheet is already mounted to the installation surface.
- // Allow silicone to cure before operating the light sheet. Test light sheet functionality before mounting the forward facing material.

### SEAL ALL CUT EDGES

#### TECHNIQUE ONE – APPLY BEFORE MOUNTING SHEET

1. Make all necessary cuts to the Auragami Sheet and test it to ensure sheet functions properly (Figure 1).
2. With the light sheet's backer still attached, apply acid-free, electronic grade silicone to the cut edges. Squeeze a small amount of silicone onto fingers and run fingers along the cut edge to apply (Figure 2-3).
3. Wipe off any excess silicone.

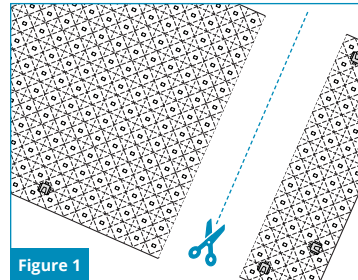


Figure 1

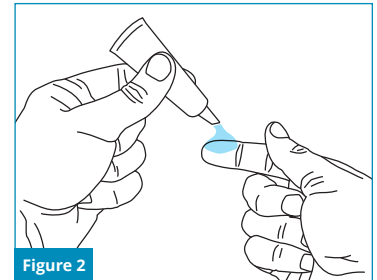


Figure 2

#### TECHNIQUE TWO – APPLY AFTER MOUNTING SHEET

1. Make all necessary cuts to the Auragami Light Sheet and test it to ensure sheet functions properly.
2. Mount it to the installation surface as advised in the Auragami Light Sheet Instruction Manual.
3. Apply a small bead of silicone to sheet and spread with fingers to all cut edges (Figure 4).

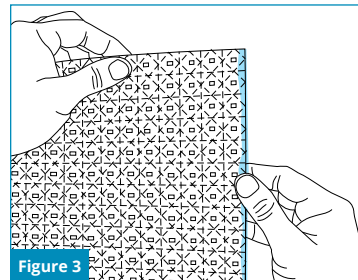


Figure 3

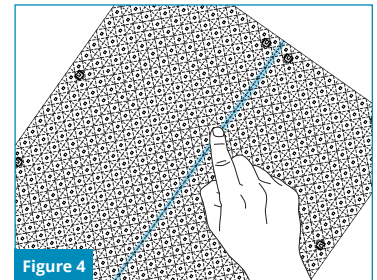


Figure 4

**Note:** Since the 3M backer has already been applied to the mounting surface in this scenario, there is minimal risk of the silicone nullifying the sheet's adhesion properties.

### SEAL ALL SHEET CONNECTION TERMINALS

#### TERMINALS IN USE

1. Fill the terminal block with silicone and insert the sheet connector (Figure 5).
2. Spread excess silicone over the outside of this connection, covering the entire terminal and sheet connector end as shown (Figure 6).

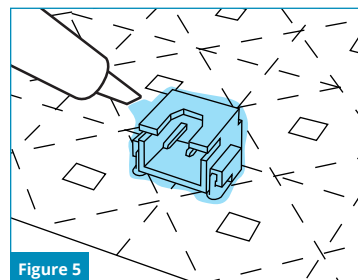


Figure 5

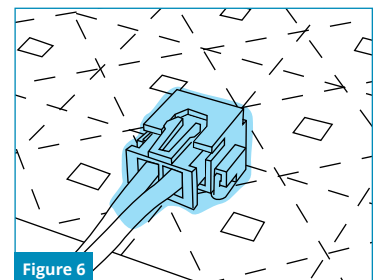


Figure 6

#### UNUSED TERMINALS

1. Squeeze silicone into all unused terminals and spread excess over outside of the terminals.