

# nanometer lighting

## Installation Instruction

- Please read instructions carefully before attempting to install fixture and retain instructions for future reference.
- Before making any wiring connections, make sure power is disconnected.
- Electrical connections need to comply with National Electrical Code and Local Electrical Code.
- The fixture should be installed by a licensed electrician.

### FIXTURE MOUNTING:

**Note:** Follow Panel Number (find it on back of the aluminum panel) from Shop Drawing Provided by Nanometer.

**Step 1:** Panel Number \_ (It is identical) consist of LED Boards pre-connected with jumper cables provide by Nanometer mounted on an aluminum substrate (see image 2). Assure that fixture is mounted to a structurally sound surface that will support fixture. The 4 tabs at the corners have predrilled holes for size  $1\frac{3}{64}$ " screws to fix the panel in place (see image 3). Panels must butt end to end with the adjacent Panel (see image 4) and "NANOMETER LIGHTING" logo should always be in the same orientation while mounting. When using washers or metal hardware, be sure no metal touches the circuit board. Image 5 show cross-sectional detail of back-panel mounting to surface.

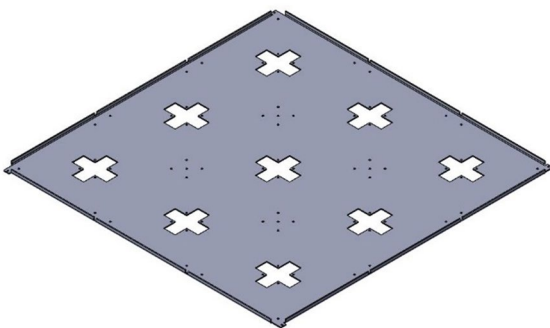


Fig 1: Typical 3'X3' Aluminum Panel

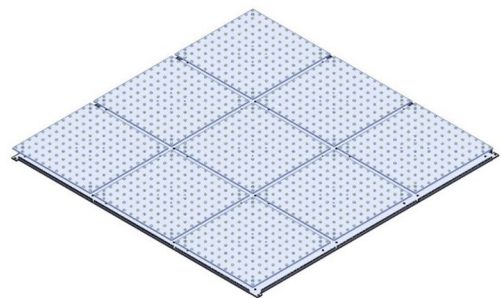


Fig 2: Typical 3'X3' Aluminum Panel w/ LED boards

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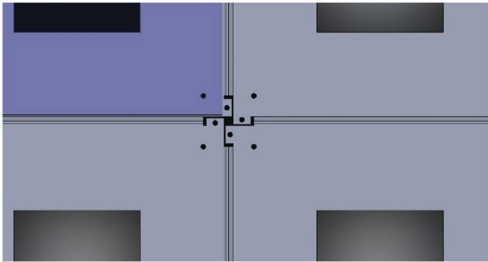


Fig 3: 4 Tabs corner with predrilled hole for mounting

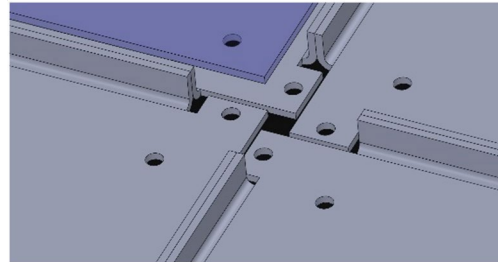


Fig 4: Fixture butt end to end with adjacent fixture



Fig 5: Typical aluminum back panel cross-sectional detail

**Step 2:** Now follow shop drawing to wire the fixture. 10' 18 AWG leader cable provided by Nanometer will connect with suitable driver or power box based on shop drawing. Referred power box wiring diagram on Nanometer website. If you have any question, feel free to contact us.

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