Cooledge FABRICated Luminaires are a simple, out-of-the-box way to incorporate the unique look and feel of a stretch fabric ceiling into your space. Create a canopy of light in T-bar grid ceilings by adding skylights to provide immersive illumination that delivers the visual, biological, and emotional benefits of large luminous surfaces.

Grid (T-Bar) luminaires deliver immersive illumination for:
- Offices
- Healthcare facilities
- Meeting rooms
- Educational buildings

Features Cooledge’s unique “Infinity Edge” design for uniform illumination from edge to edge.

1. COMPONENTS

- Suspension Cable
- Cable Gripper
- Hanger Bracket
- Control Module
- Power and Control Tray
- Power Supply
- Corner Trim
- Trim
- Trim Clip
- Control Module
### 2. TOOLS

**WARNING:** Wear clean cotton or latex gloves when handling Cooledge FABRICated Luminaires. Do not remove the plastic protective film until the point noted in this install guide.

<table>
<thead>
<tr>
<th>Tool</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saw Horses</td>
<td><img src="image1.png" alt="Saw Horses" /></td>
</tr>
<tr>
<td>Gloves</td>
<td><img src="image2.png" alt="Gloves" /></td>
</tr>
<tr>
<td>Measuring Tape</td>
<td><img src="image3.png" alt="Measuring Tape" /></td>
</tr>
<tr>
<td>Level</td>
<td><img src="image4.png" alt="Level" /></td>
</tr>
<tr>
<td>Cable Cutters</td>
<td><img src="image5.png" alt="Cable Cutters" /></td>
</tr>
<tr>
<td>4mm and 5mm Hex Key</td>
<td><img src="image6.png" alt="4mm and 5mm Hex Key" /></td>
</tr>
<tr>
<td>#2 Phillips Screwdriver</td>
<td><img src="image7.png" alt="#2 Phillips Screwdriver" /></td>
</tr>
<tr>
<td>3mm Flat Head Screwdriver</td>
<td><img src="image8.png" alt="3mm Flat Head Screwdriver" /></td>
</tr>
<tr>
<td>2x wrenches (only required for threaded rod mounting)</td>
<td><img src="image9.png" alt="2x wrenches" /></td>
</tr>
</tbody>
</table>

**CAUTION:** Observe precautions for handling electrostatic sensitive devices.

**CAUTION:** Use appropriate Personal Protective Equipment (PPE) to ensure safety at work.
3. INSTALLATION PROCEDURE

3.1. REMOVE THE CEILING TILES AND ANY CROSS TEES TO GIVE CORRECT CEILING OPENING

**WARNING:** Do not cut or remove any main beam tees. If this is required to make the correct opening size for the luminaire, consult a ceiling contractor.

3.2. UNPACK LUMINAIRE AND PLACE FACE DOWN ON SAW HORSES AT CORNERS

3.3. ATTACH POWER AND CONTROL TRAY(S) TO STIFFENERS

**NOTE:** Trays may be mounted remotely. In this case, the DC power connections should be made to the Luminaire (section 2.4) with a suitable length of cable.

Refer to EXT-0071 Cooledge Lighting Control Module User Guide for setting up the control module.
NOTE: The power and control tray type will vary depending on region, luminaire size, and control protocol.

### 1-CHANNEL
Control Module Wiring Connectors
(CE compliant systems only)

![1-CHANNEL Diagram]

### Static Color Temperature (SCT) Systems

![Static Color Temperature Diagram]

### Tunable White (TNW) and Dim-to-Warm (DTW) systems

![Tunable White Diagram]
3.5. ESTABLISH THE REQUIRED POSITIONS FOR SUSPENSION CABLES

Either measure between the suspension points or refer to TABLE 1, PAGE 9.

3.6. ATTACH CABLES TO CEILING ANCHOR POINTS AT REQUIRED POSITIONS

NOTE: Lift luminaire using handles provided
3.7. ATTACH CABLES TO HANGER BRACKETS WITH GRIPPERS

3.8. RAISE LUMINAIRE TO JUST BELOW CEILING LEVEL

Leave space for electrician to make connection to power supply.
3.9. CONNECT THE ELECTRICAL POWER

The electrical power connections should be made by a qualified electrician in accordance with all national and local electrical and construction codes. Refer to EXT-0071 Cooledge Lighting Control Module User Guide for setting up the control module.

Connect AC to Power Supply
NOTE: Power Supply and Control Module may vary

3.10. REMOVE THE PROTECTIVE PLASTIC WRAPPING AND LIFTING HANDLES

Remove the lifting handles using a 4mm Hex Key. Ensure you wear gloves from this point forward to prevent marks on the fabric.

3.11. ATTACH TRIM WITH PROVIDED CLIPS
3.12. ATTACH CORNER COVER TO TRIM

3.13. LIFT LUMINAIRE INTO FINAL POSITION

Access the cable grippers through adjacent ceiling grid opening and lift the luminaire until the trim is flush with the underside of the ceiling grid.

WARNING: Overtightening the cables may lift the ceiling grid and cause damage to the luminaire.
In general, Cooledge FABRICated Luminaires require little or no maintenance; however, if there is a need to handle or clean the luminaires, Cooledge recommends the following procedures.

Handling:

- Always handle the luminaire from the sides and avoid touching the diffuser to prevent fingerprints, oil, or dirt from marking the fabric.
- Always use cloth gloves if handling the fabric diffuser.

Cleaning:

**Fabric Diffuser**

Over time there may be some accumulation of dust from the environment. To remove dust there are several methods available including:

- Brush gently with a clean, micro fiber cloth or "magic eraser" (if available in your region)
- Vacuum with a clean brush-tip vacuum nozzle
- Blow with compressed air (ensure there is no oil or grease)
- Use an adhesive lint-roller (recommended to test a small area in case the specific type of roller leaves a residue)

For minor stains, spots or streaks, Cooledge recommends gently wiping the fabric with isopropyl alcohol, “IPA”, (99% or higher) applied to a clean, soft cloth and allow to dry.

**Note:** use of liquids other than IPA to clean the fabric diffuser may result in permanent stains. FABRICated Luminaires are rated for dry locations only and should not be exposed to moisture or direct contact with water.

**Trim/Fascia**

- Wipe trim with a clean, soft cloth
TABLE 1

<table>
<thead>
<tr>
<th>NOMINAL SIZE</th>
<th># SUSPENSION POINTS</th>
<th>DIM “X”</th>
<th>DIM “Y”</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ X 4’</td>
<td>4</td>
<td>20 5/8”</td>
<td>22 1/8”</td>
</tr>
<tr>
<td>4’ X 6’</td>
<td>4</td>
<td>21 5/8”</td>
<td>22 1/8”</td>
</tr>
<tr>
<td>4’ X 8’</td>
<td>4</td>
<td>26 5/8”</td>
<td>22 1/8”</td>
</tr>
<tr>
<td>1200mm X 1200mm</td>
<td>4</td>
<td>525mm</td>
<td>550mm</td>
</tr>
<tr>
<td>1200mm X 1800mm</td>
<td>4</td>
<td>550mm</td>
<td>550mm</td>
</tr>
<tr>
<td>1200mm X 2400mm</td>
<td>4</td>
<td>655mm</td>
<td>550mm</td>
</tr>
</tbody>
</table>

Contact Cooledge for ordering information for JA8 compliant models.

5 Year Limited Warranty:
Parts and workmanship