# FABRIQuiet

LumiScapes
by COOLEDGE™

FABRIQuiet is a sound absorbing panel that is the perfect acoustic complement to FABRICore, delivering the same exceptional noise reduction capability with matching aesthetics to ensure design continuity throughout your space. Use on their own or clip together to form large clouds areas. Mix & match with FABRICore luminaires to combine immersive illumination with a complete acoustic solution for open area designs in a variety of applications.

Available with four (4) mounting options:
- Suspended
- Surface Mount
- Grid (T-Bar) Lay-in
- Recessed (Drywall/Plaster)

INSTALLATION GUIDE

1. COMPONENTS

Suspension cables
(suspended mount only)
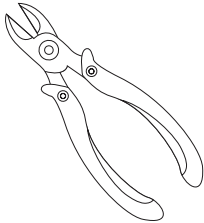
Mounting rails
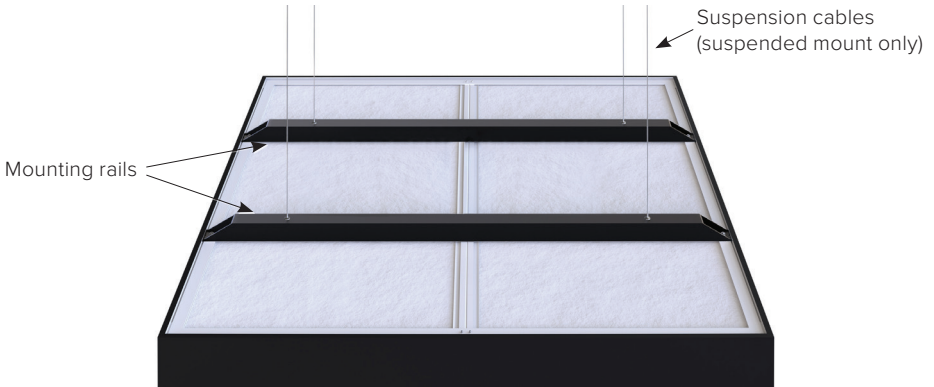
RoHS

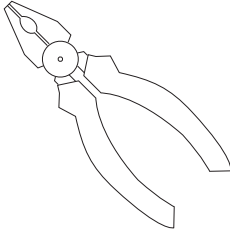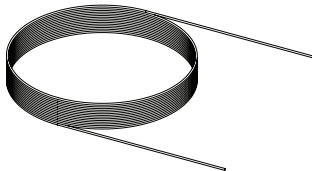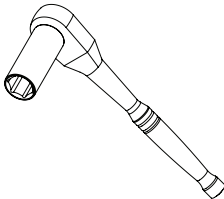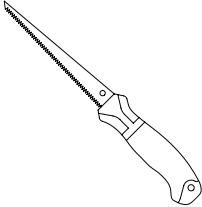**5 Year Limited Warranty:**
Parts and workmanship
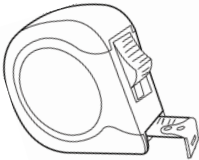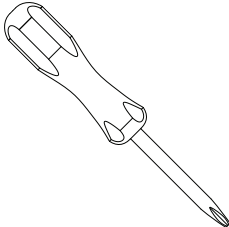
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Cooledge Lighting reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.

CAUTION: 2 people min. recommended for install

2. TOOLS

⚠ **WARNING:** Wear clean cotton or latex gloves when handling FABRICore Luminaires.

Gloves	Measuring Tape	#2 Phillips Screwdriver
Cable Cutters	Pliers	Solid hanger wire (not required for suspended mount)
17mm socket and ratchet (suspended mount only)	Drywall saw (recessed mount only)	

⚠ **CAUTION:** Use appropriate Personal Protective Equipment (PPE) to ensure safety at work.
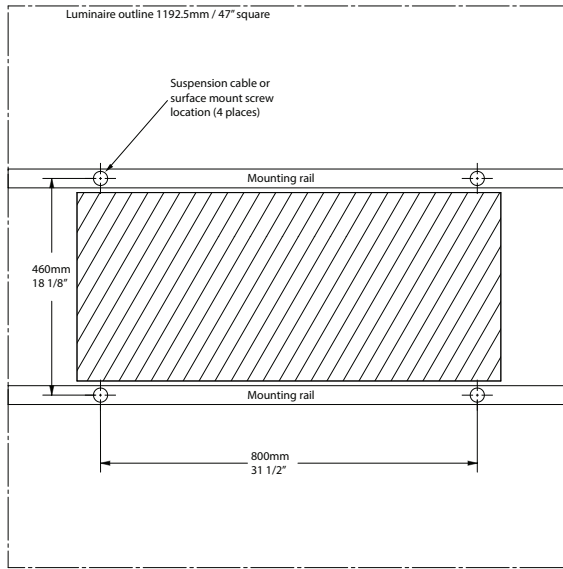
3. MOUNTING TYPES

• Direct ceiling (surface) mount – go to section 4

• Suspended mount – go to section 5

• Grid mount – go to section 6

• Recessed mount – go to section 7

4. DIRECT CEILING (SURFACE) MOUNT

4.1 MARK THE CEILING

Use the included mounting template to mark the position on the ceiling.

Luminaire outline 1192.5mm / 47" square

Suspension cable or surface mount screw location (4 places)

Mounting rail

460mm
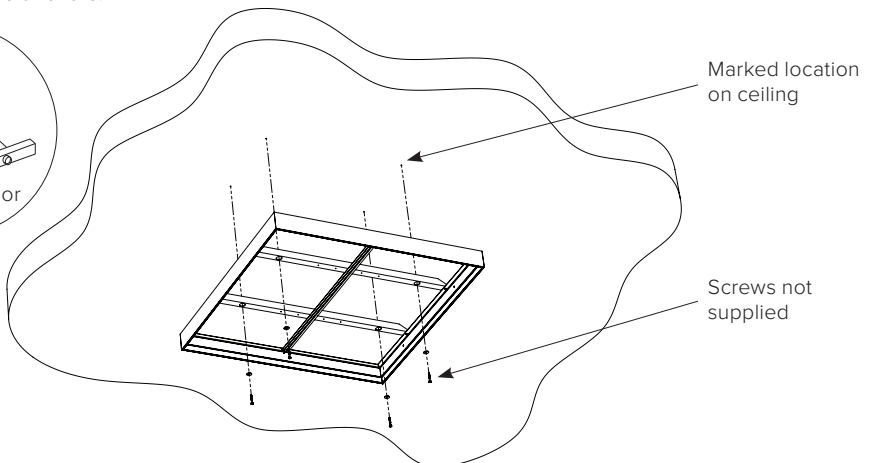18 1/8"

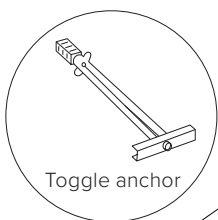Mounting rail

800mm
31 1/2"

4.2 MOUNT THE FRAME TO THE CEILING
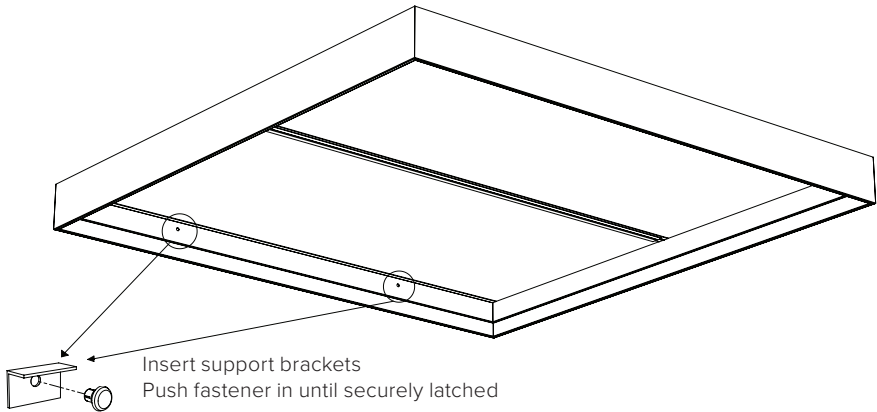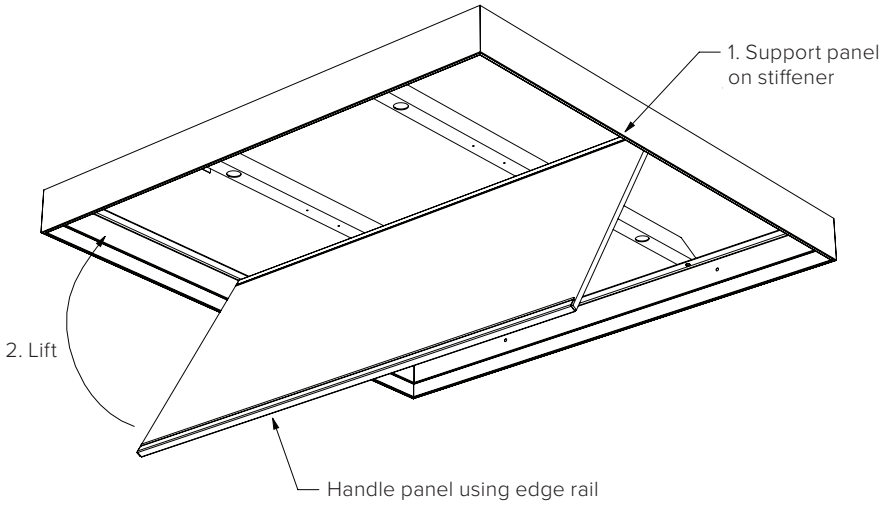
CAUTION: 2 people min. recommended for install

⚠ CAUTION: The panel weight is 11.3kg/25lbs. Ceiling fasteners are not provided by Cooledge. Ensure the mounting can withstand the load including any safety margin required by national or local building codes.

It is recommended to mount the panel assembly directly to structure. If mounting to drywall use suitably rated toggle style anchors.
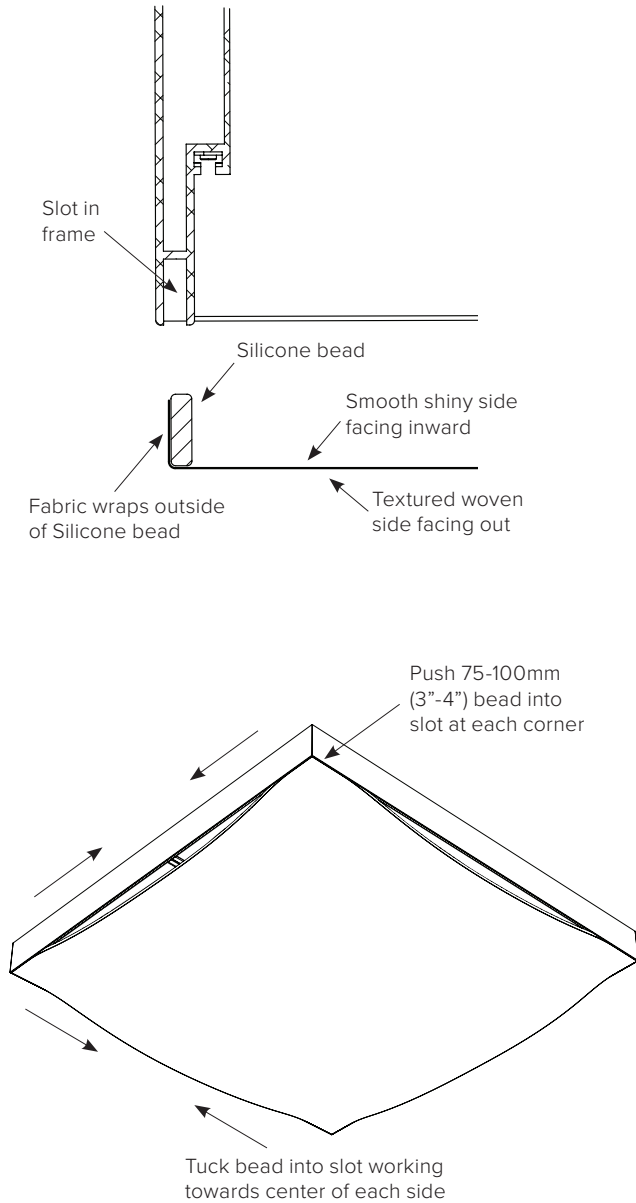
Toggle anchor

Marked location on ceiling

Screws not supplied

CAUTION: 2 people min. recommended for install

1. Support panel on stiffener

2. Lift

Handle panel using edge rail

Insert support brackets
Push fastener in until securely latched

Repeat both steps for second panel

Slot in
frame

Silicone bead

Smooth shiny side
facing inward

Fabric wraps outside
of Silicone bead

Textured woven
side facing out

Push 75-100mm
(3"-4") bead into
slot at each corner
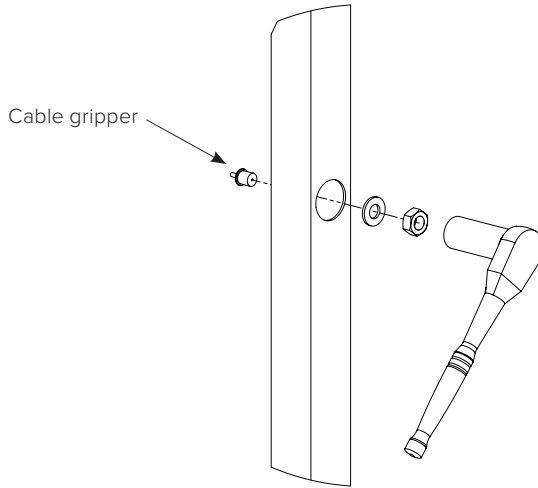
Tuck bead into slot working
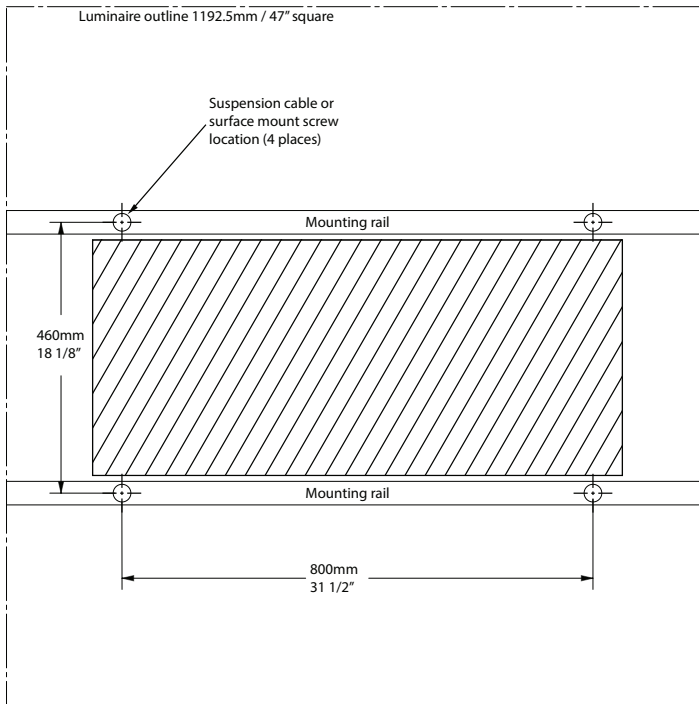towards center of each side

To create a continuous ceiling, units should be mounted directly adjacent to each other (butted together). The mounting procedure 4.1 – 4.4 applies for each individual unit.

5. SUSPENDED MOUNT
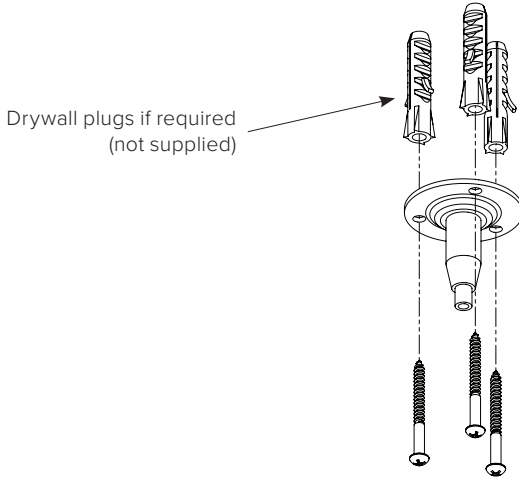
5.1 ATTACH 4X CABLE GRIPPERS TO MOUNTING RAILS

Cable gripper

5.2 MARK THE CEILNG USING MOUNTING TEMPLATE

Luminaire outline 1192.5mm / 47" square

Suspension cable or
surface mount screw
location (4 places)
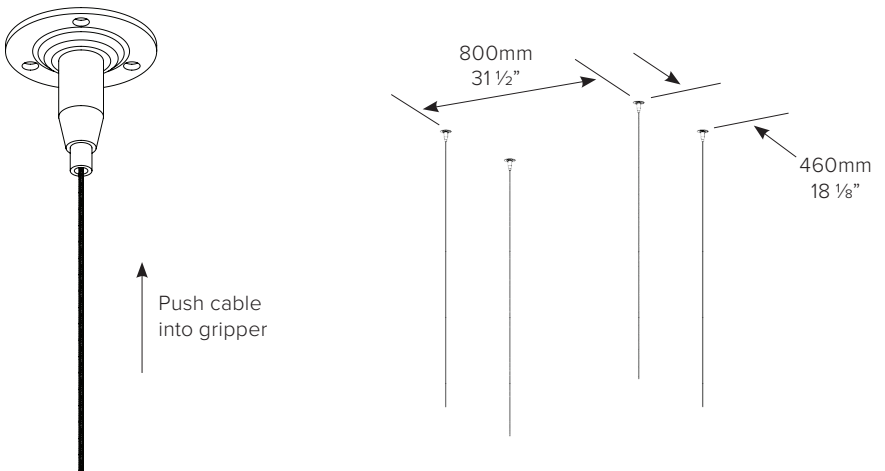
Mounting rail

460mm
18 1/8"

Mounting rail

800mm
31 1/2"

5.3 ATTACH 4X CEILING GRIPPERS TO CEILNG

⚠ NOTE: when possible mount to studs or solid surface. Use drywall plugs only when necessary. Each cable gripper must be able to support 15kg.
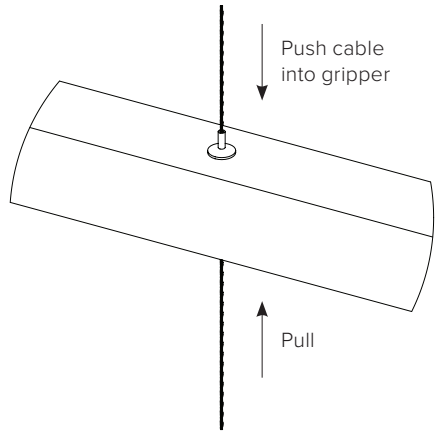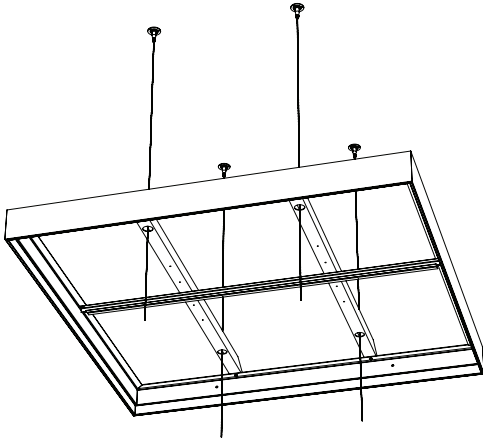
Drywall plugs if required
(not supplied)

5.4 HANG CABLES FROM GRIPPERS

800mm
31 ½"

460mm
18 ⅛"

Push cable
into gripper

5.5 HANG FRAME

 CAUTION: 2 people min. recommended for install

Push cable into gripper

Pull

5.6 SET HEIGHT AND LEVEL

Mounting height
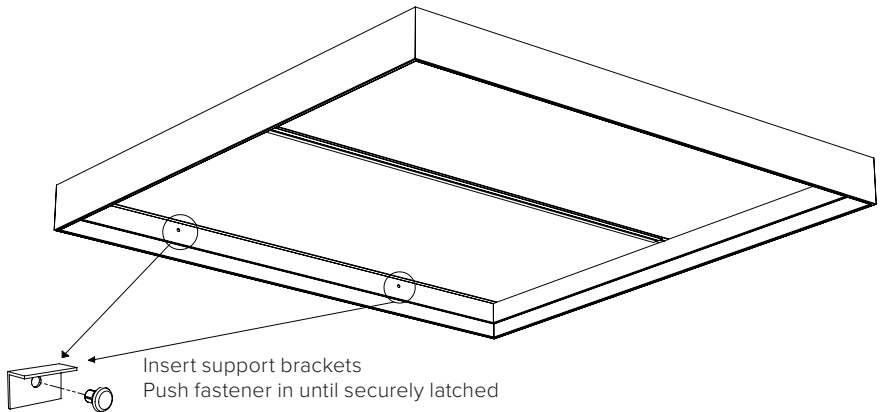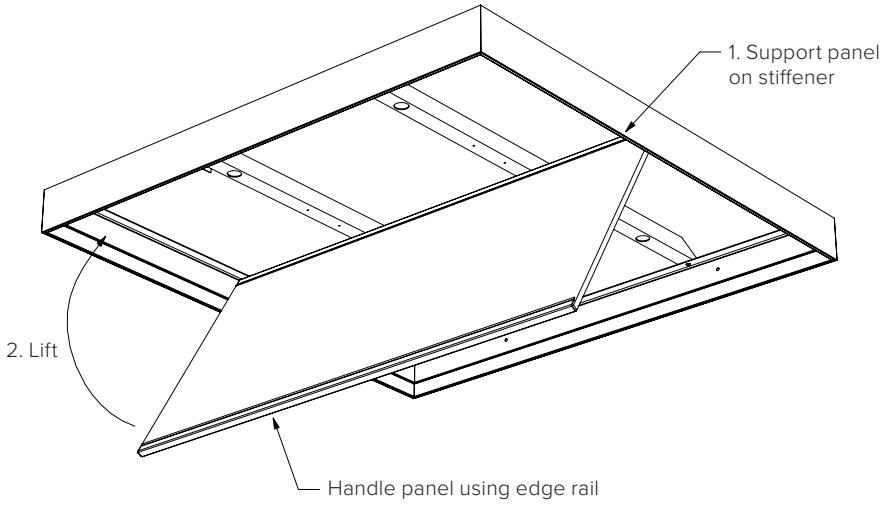
Level
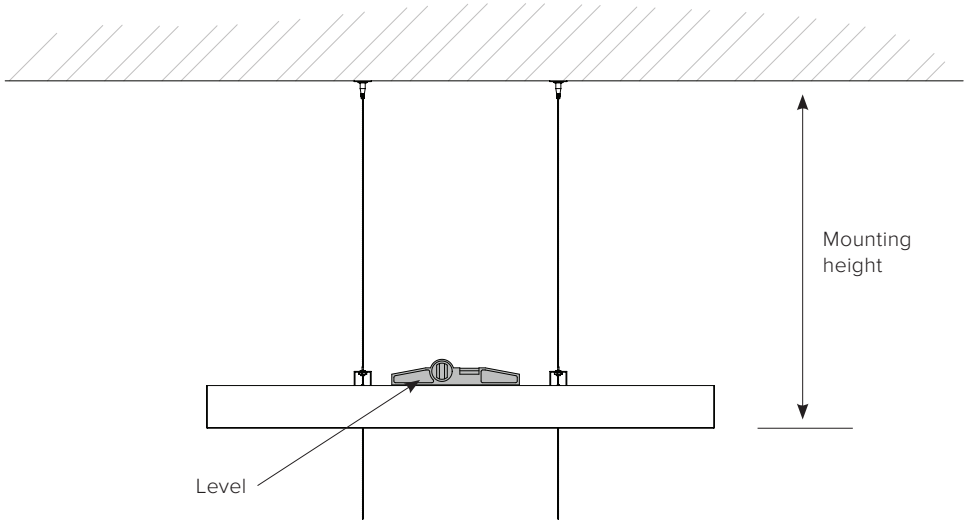
5.7 INSTALL ACOUSTIC PANELS

CAUTION: 2 people min. recommended for install

1. Support panel on stiffener

2. Lift

Handle panel using edge rail

Insert support brackets
Push fastener in until securely latched

Repeat both steps for second panel

5.8 INSTALL FABRIC

⚠ WARNING: Wear clean cotton or Latex gloves when handling fabric.

Slot in frame

Silicone bead

Smooth shiny side facing inward

Fabric wraps outside of Silicone bead

Textured woven side facing out

Push 75-100mm (3"-4") bead into slot at each corner

Tuck bead into slot working towards center of each side
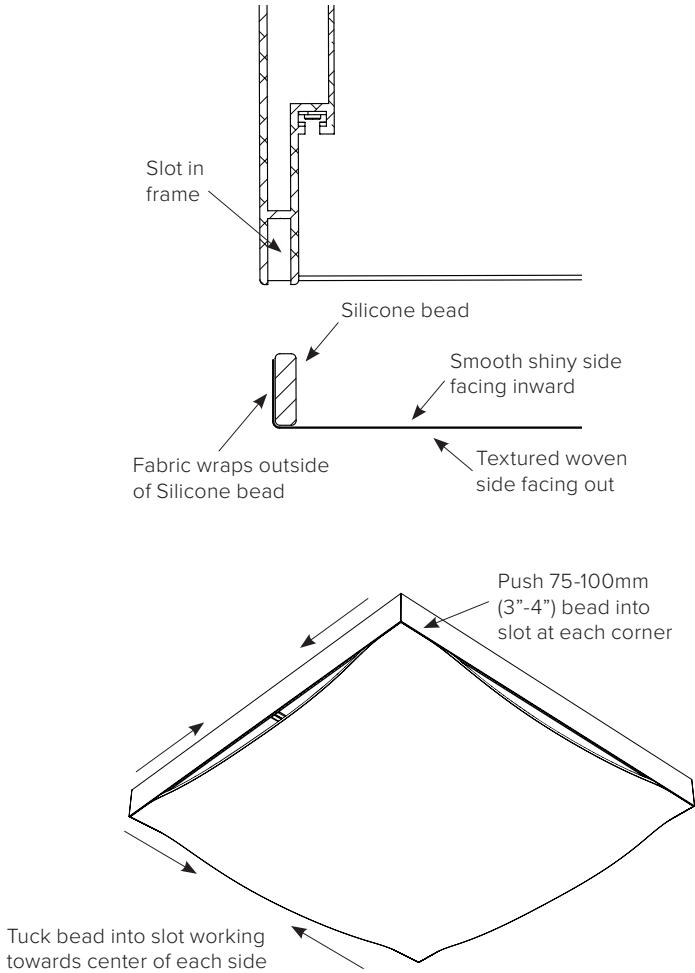
To create continuous ceiling clouds, the FABRICore/FABRIQuiet units are to be connected together using the clips provided. Alignment of the mounting points prior to installation (5.2) will allow connections to be made more easily.
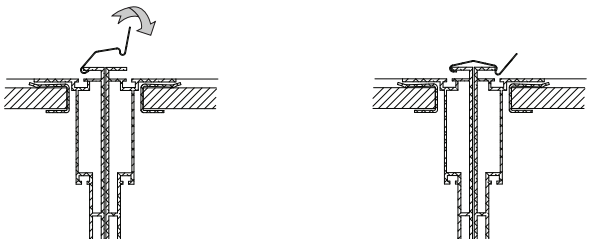
6. GRID MOUNT

NOTE: The acoustic panels and fabric must be installed **before** mounting in the ceiling. Follow the steps below.

6.1 PREPARE THE CEILING GRID

FABRIQuiet units fit into a 1200mmx1200mm T-bar ceiling without an adapter, for 48"x48" T-bar openings an Imperial Grid Adapter is required (LACC-G-K) - ordered and shipped separately.

The unit should be supported on two edges by main beams and the other two edges by cross tees.
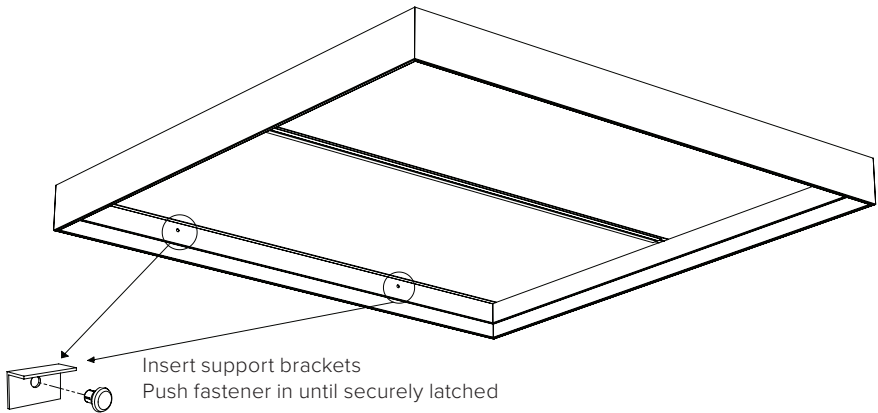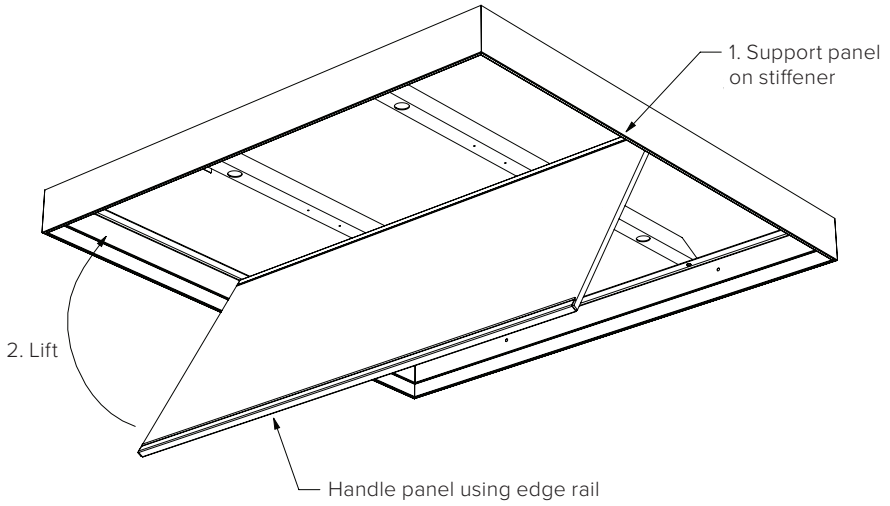

Luminaire

Imperial Grid Adapter
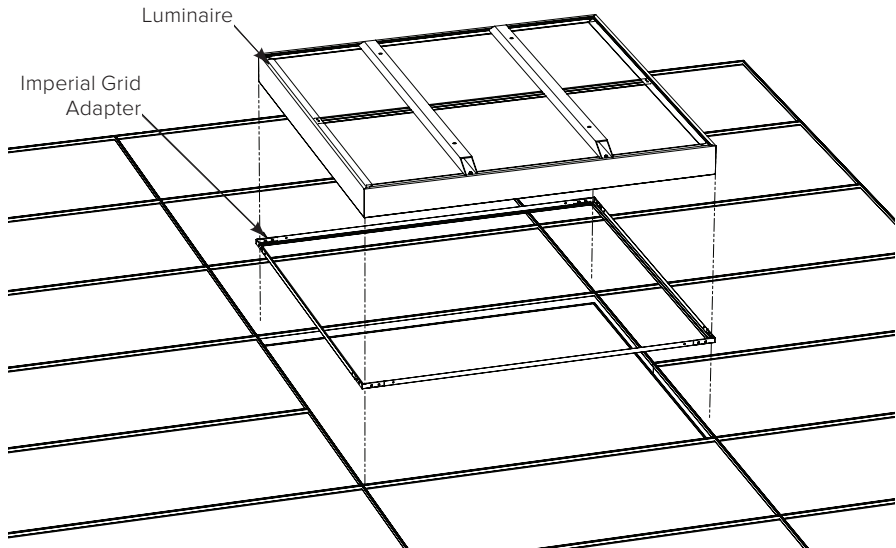
CAUTION: Weight of FABRIQuiet units is 11.3kg/25lbs. The Imperial Grid Adapter required for inch-sized (imperial) ceiling grid weighs an additional 0.8kg/1.75lbs.

Consult your ceiling grid supplier or manufacturer for allowable loading. Do not install Cooledge FABRIQuiet luminaires in ASTM C-635 light duty grids or EN 13964:2014 Class 1 grids.
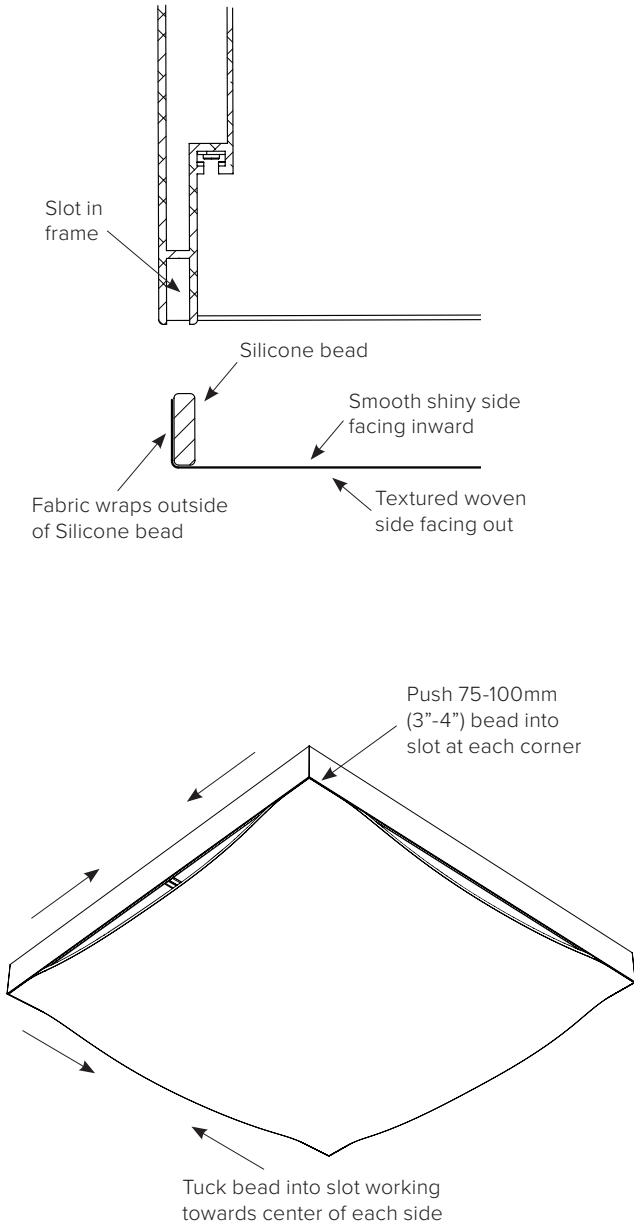
6.2 INSTALL THE ACOUSTIC PANELS

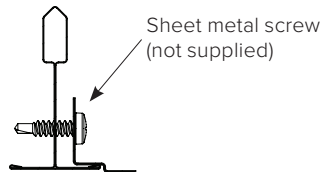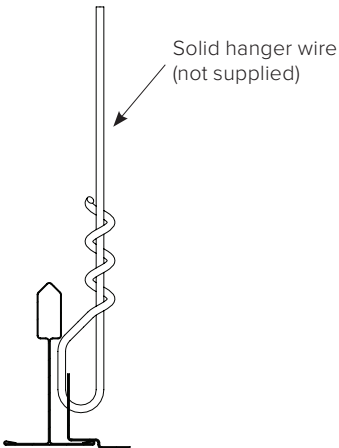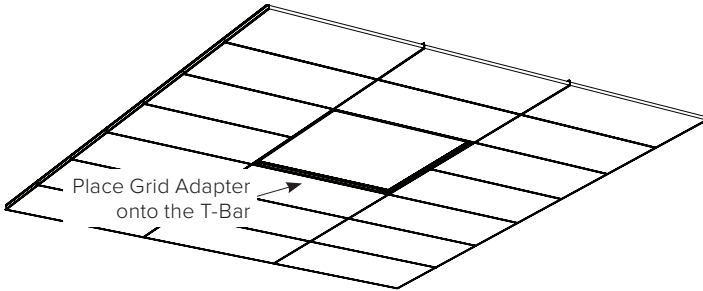CAUTION: 2 people min. recommended for install

1. Support panel on stiffener

2. Lift

Handle panel using edge rail

Insert support brackets
Push fastener in until securely latched

Repeat both steps for second panel

Slot in
frame

Silicone bead

Smooth shiny side
facing inward

Fabric wraps outside
of Silicone bead

Textured woven
side facing out

Push 75-100mm
(3"-4") bead into
slot at each corner

Tuck bead into slot working
towards center of each side

Rail with square
cutouts to INSIDE

Lift Grid Adapter through
opening in the grid

Place Grid Adapter
onto the T-Bar

Solid hanger wire
(not supplied)

Sheet metal screw
(not supplied)
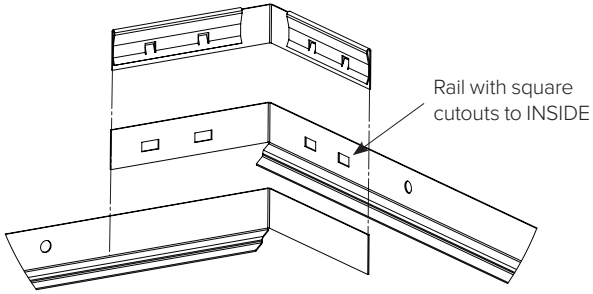
6.5 MOUNT THE FRAME IN THE GRID OPENING
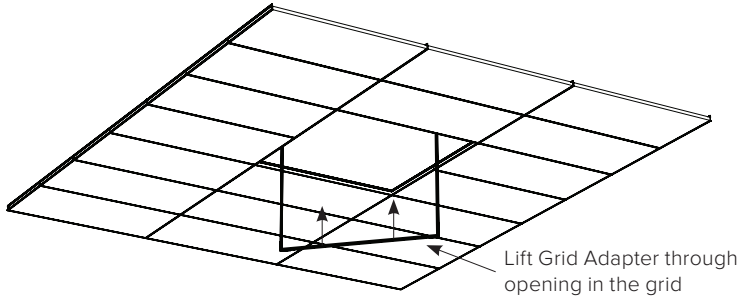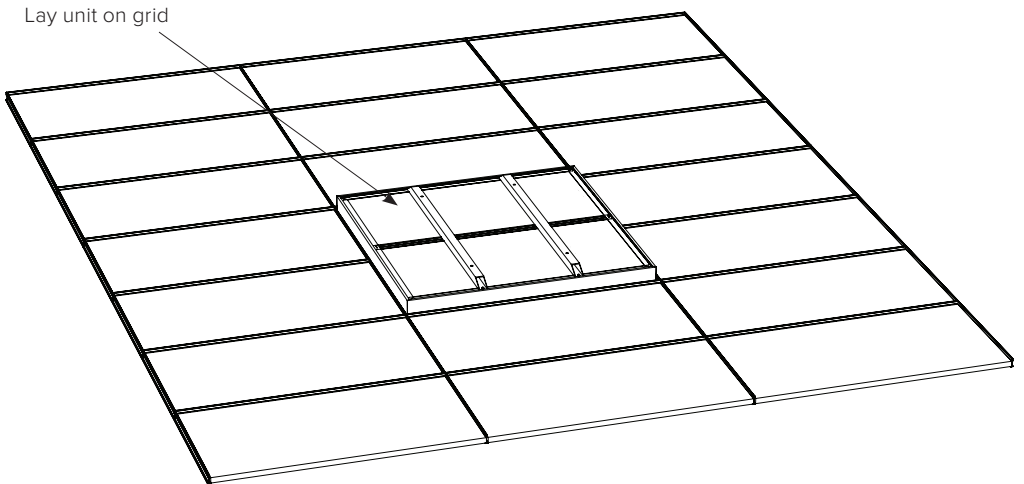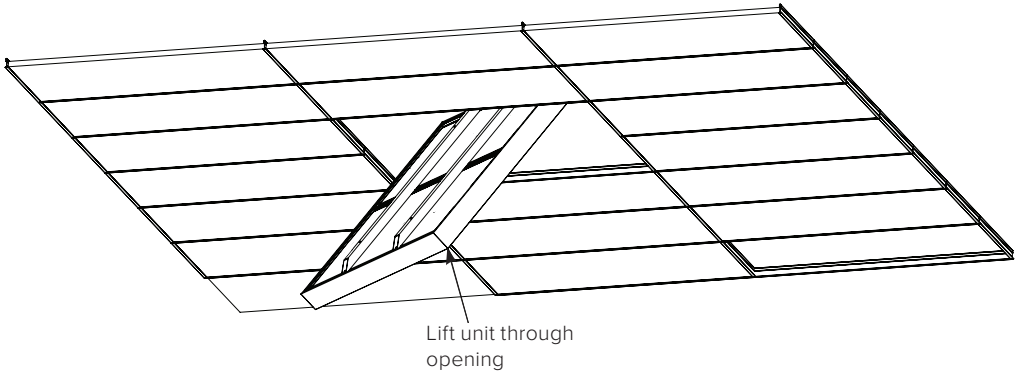
CAUTION: 2 people min. recommended for install

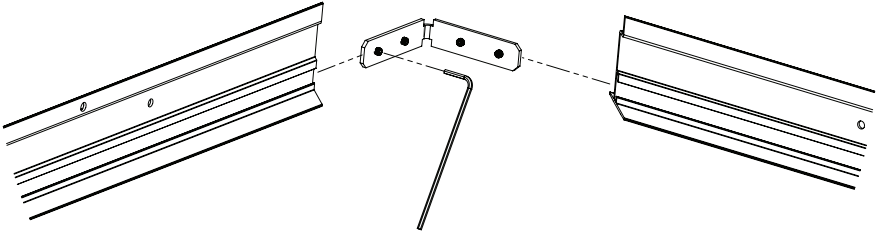**CAUTION:** Wear clean cotton or latex gloves; handle the unit only by the edges, do not press on the fabric!

CAUTION: Remove an adjacent ceiling for access when lifting through grid.

Lift unit through opening

Lay unit on grid

7.1 ASSEMBLE THE RECESSED MOUNT ADAPTER LACC-R-K W

A Recessed Mounting Adapter (LACC-R-K) is required. This adapter is ordered and shipped separately.
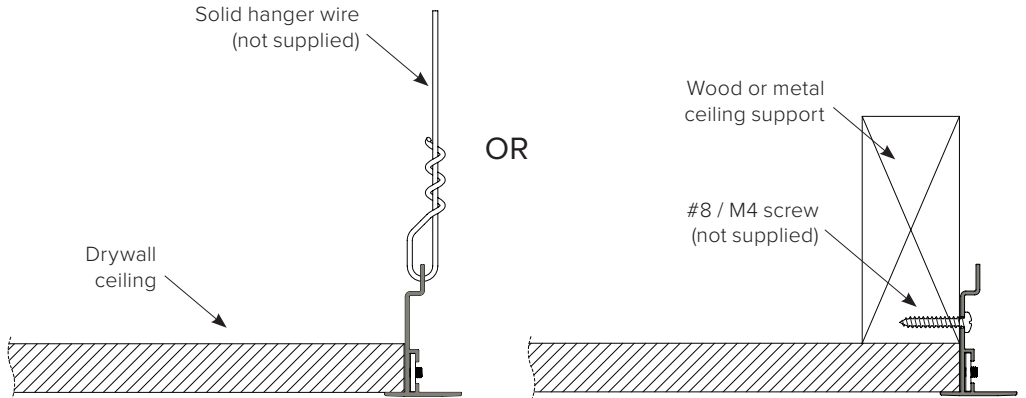

7.2 PREPARE THE CEILING OPENING

Cut the ceiling opening to 1220x1220mm / 48"x48".
Install the recessed mount adapter kit LACC-R-K (sold separately).
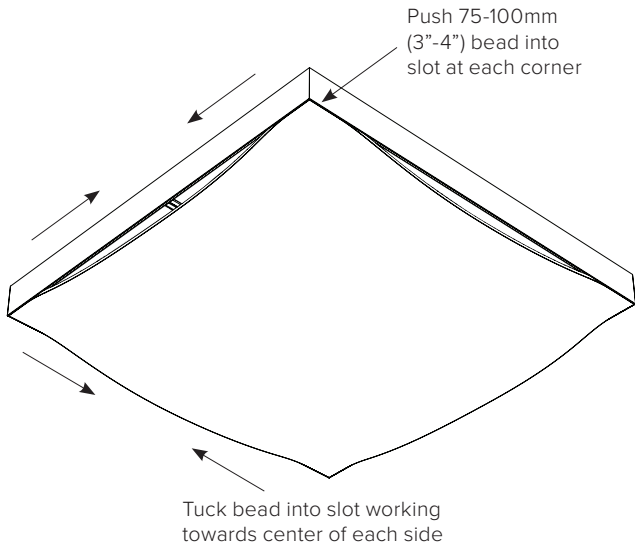Install support wires or screws (not supplied) as required by national and local building codes.
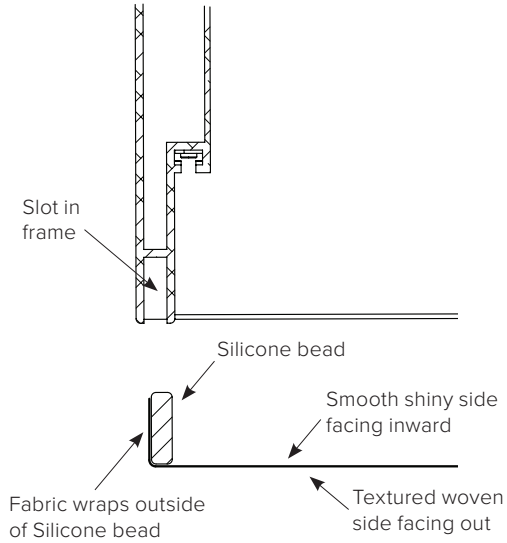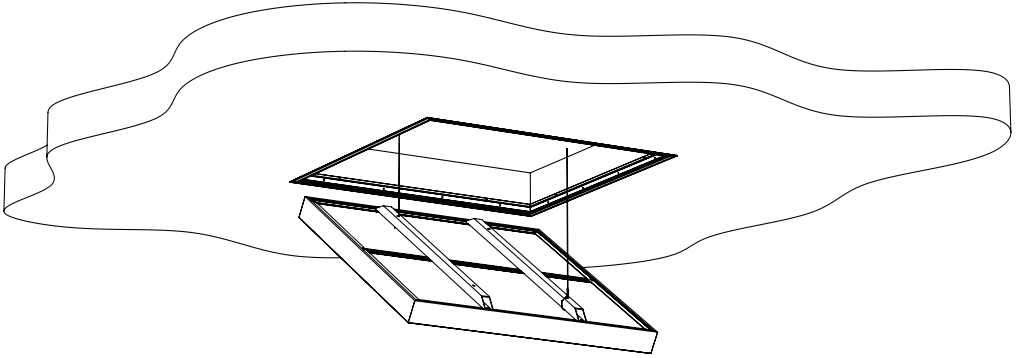

Solid hanger wire
(not supplied)

OR

Drywall
ceiling

Wood or metal
ceiling support

#8 / M4 screw
(not supplied)

7.3 INSTALL THE ACOUSTIC PANELS

CAUTION: 2 people min. recommended for install

1. Support panel on stiffener

2. Lift

Handle panel using edge rail

Insert support brackets
Push fastener in until securely latched

Repeat both steps for second panel

Slot in
frame

Silicone bead

Smooth shiny side
facing inward

Fabric wraps outside
of Silicone bead

Textured woven
side facing out

Push 75-100mm
(3"-4") bead into
slot at each corner

Tuck bead into slot working
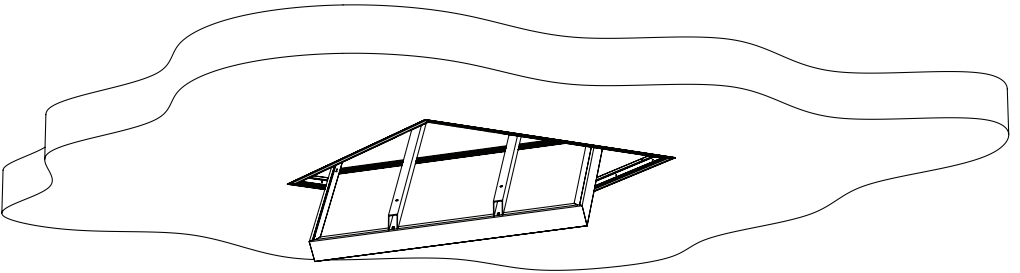towards center of each side

CAUTION: 2 people min. recommended for install

Lift the close to the ceiling and support on a scaffold/lift or hang temporarily from 18Ga min solid steel hanger wires (not supplied).
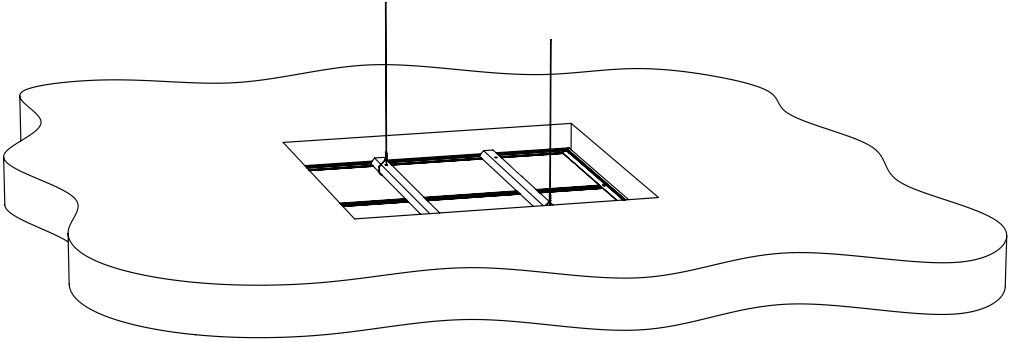
7.5 MOUNT THE UNIT IN THE CEILING OPENING

CAUTION: Install support wires must be installed in accordance with national and local building codes

RoHS

5 Year Limited Warranty:
Parts and workmanship