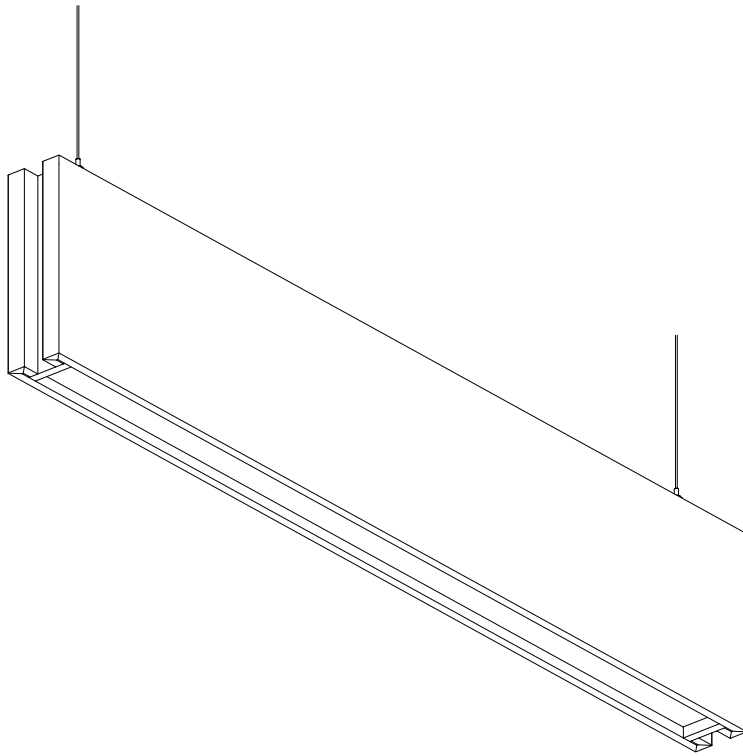


**SABIN**



# INSTALLATION GUIDE

**LINEAR STANDARD 60**

# INSTALLING LINEAR STANDARD 60

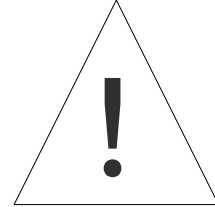
**THIS IS A GUIDE TO ASSIST WITH YOUR  
SABIN PRODUCT INSTALLATION.**

The following pages explain best practices for a successful installation. Please note these are not comprehensive to every installation environment. Please contact our factory for specific questions.

# STEPS

- 1 STORAGE AND HANDLING**
- 2 CEILING TYPE**
  - 2A Hard Ceiling
  - 2B Strut
  - 2C Grid
- 3 SUSPENSION TYPE**
  - 3A Aircraft Cable
  - 3B Strap
  - 3C Threaded Rod
  - 3D Direct to Strut
- 4 FINAL STEPS**
- 5 RUN ASSEMBLY**
- 6 PATTERN ASSEMBLY**
- 7 DRIVER SERVICE**

# READ PRIOR TO STARTING YOUR INSTALLATION



This product is suitable for indoor dry location only.

Do not switch line voltage until all the wiring is complete.

These products may represent a potential shock or fire hazard if improperly installed.

Products should be installed in accordance with local and National Electric Code (NEC).

This product should only be installed by a licensed Electrician.

Allow air to flow freely around the fixture.

Do not install the Fixture closer than 6.0” to combustible material.

Do not use if there is any damage to the unit or to the wiring/insulation. Inspect periodically.

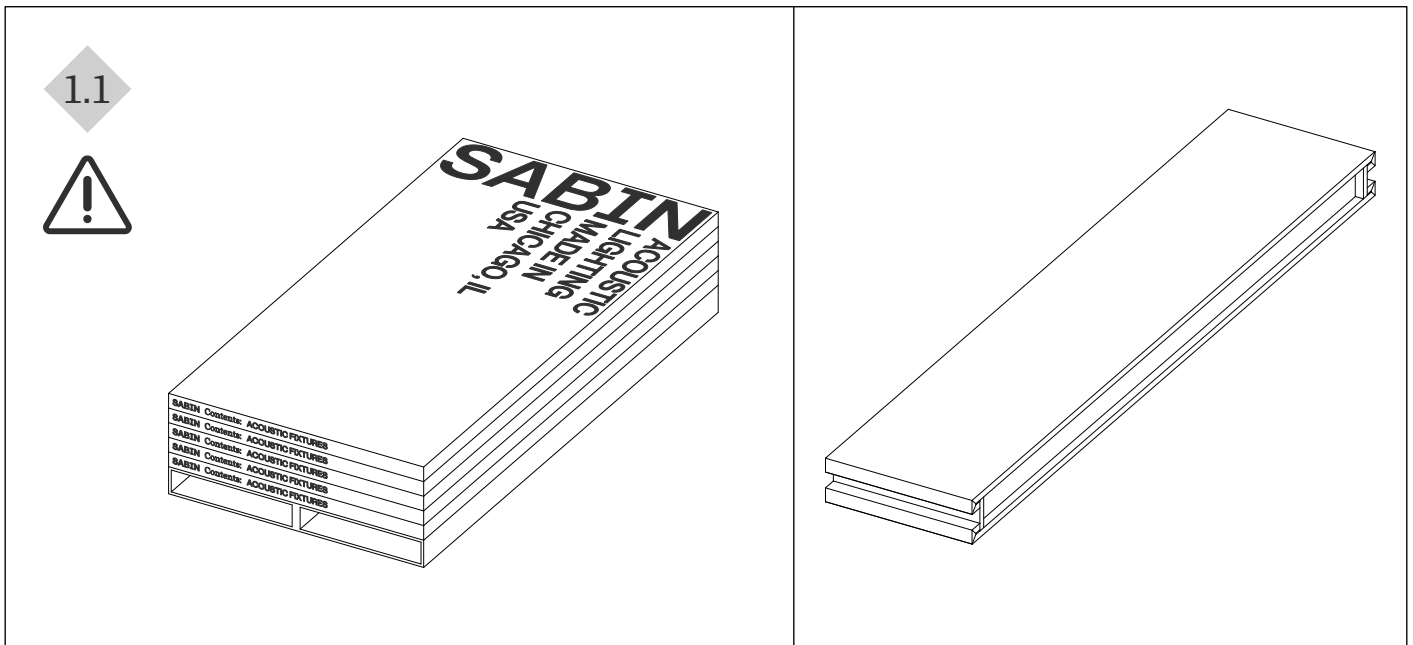
Confirm the proper gauge wires are used between Power Supplies, Controls & Fixture to avoid voltage drop.

Installer is responsible for reinforcing the walls and/or ceilings to properly support the fixture weight.

Sabin LLC, accepts no responsibility for inadequately reinforced walls and/or ceilings.

## STEP 1

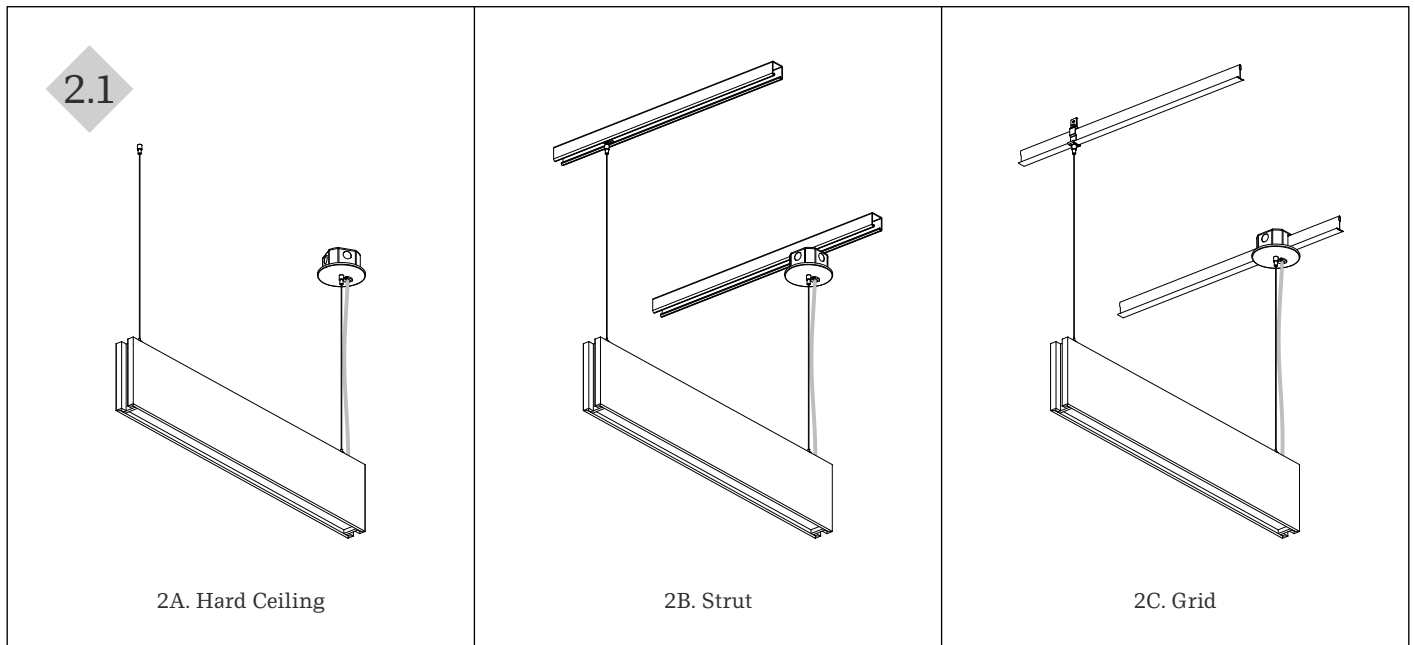
# STORAGE AND HANDLING



- 1.1 Store the products in their original packaging until installation.
- 1.2 Keep products in a dry, climate-controlled indoor space and elevate products off the floor to prevent material degradation. Do not stack heavy objects on top of stored products.
- 1.3 Open packaging in a dust-free area, using caution with sharp tools to avoid damaging the contents. Wear clean, white gloves when handling components to prevent stains or surface damage.
- 1.4 Avoid direct contact with light engines to prevent damage.

## STEP 2

# CEILING TYPE



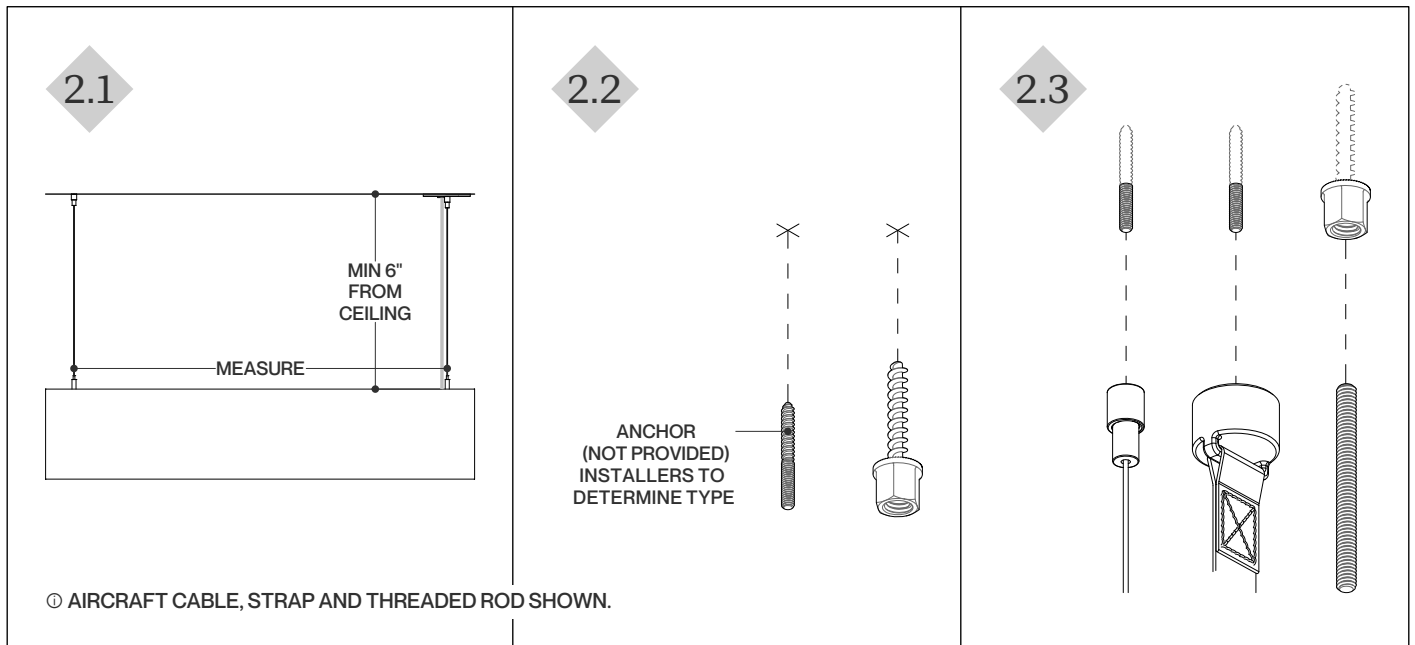
## 2.1

To properly install the fixture reference 2A, 2B or 2C to complete the installation depending on the ceiling type.

## STEP 2A

# CEILING TYPE

## Hard Ceiling



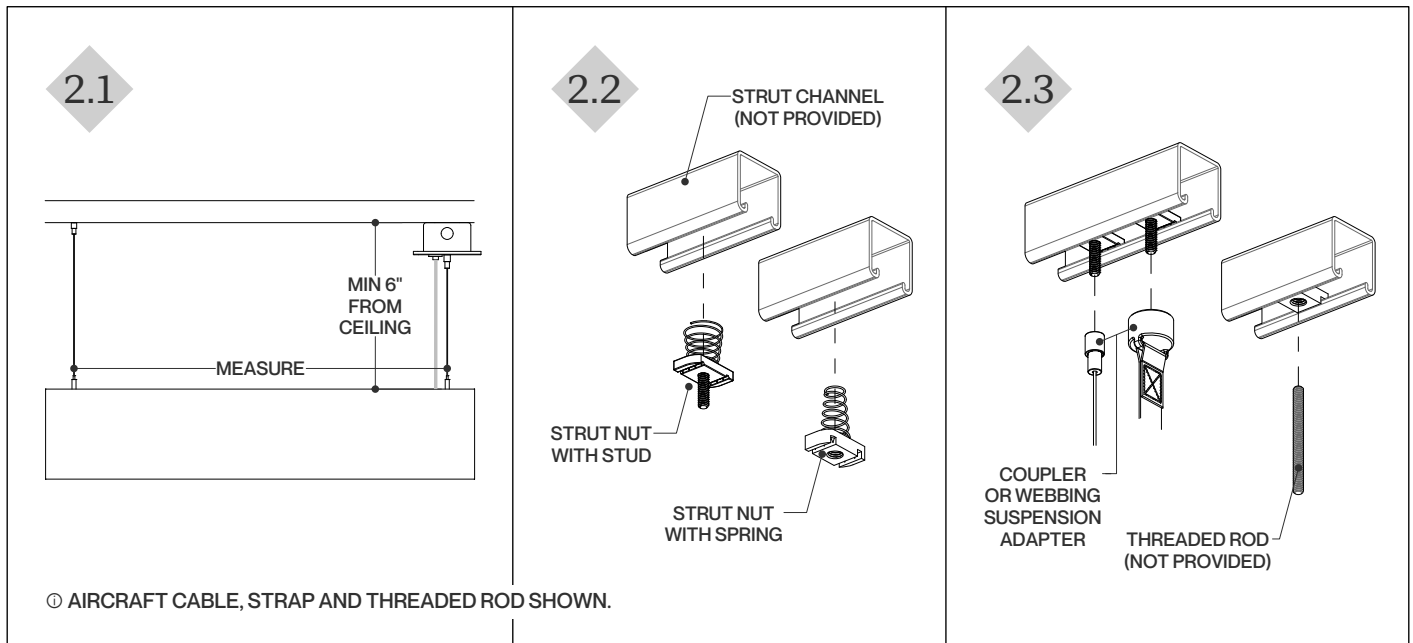
**2A.1** Measure the distance between the suspension points, then mark this measurement to the surface.

**2A.2** Install the 1/4"-20 anchors (not provided) onto the marks of the surface.

**2A.3** Secure the coupler, the webbing suspension adapter or the threaded rod (with or without canopy) to the anchor followed by tightening.

## STEP 2B

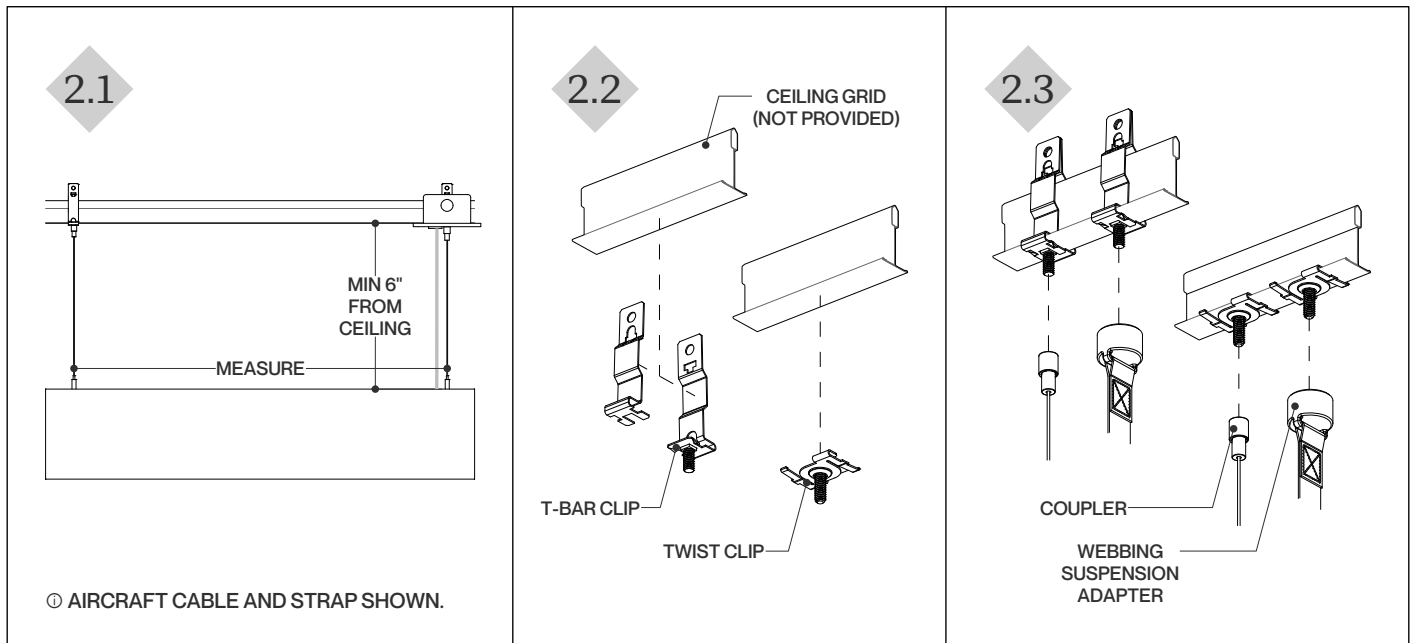
# CEILING TYPE Strut



- 2B.1** Measure the distance between the suspension points, then transfer this measurement onto the strut channel (not provided).
- 2B.2** Twist and release the strut nut with stud or the strut nut with spring into the channel (not provided).
- 2B.3** Secure the coupler or the webbing suspension adapter to the strut nut with stud, or the threaded rod to the strut nut with spring (with or without canopy) followed by tightening.

## STEP 2C

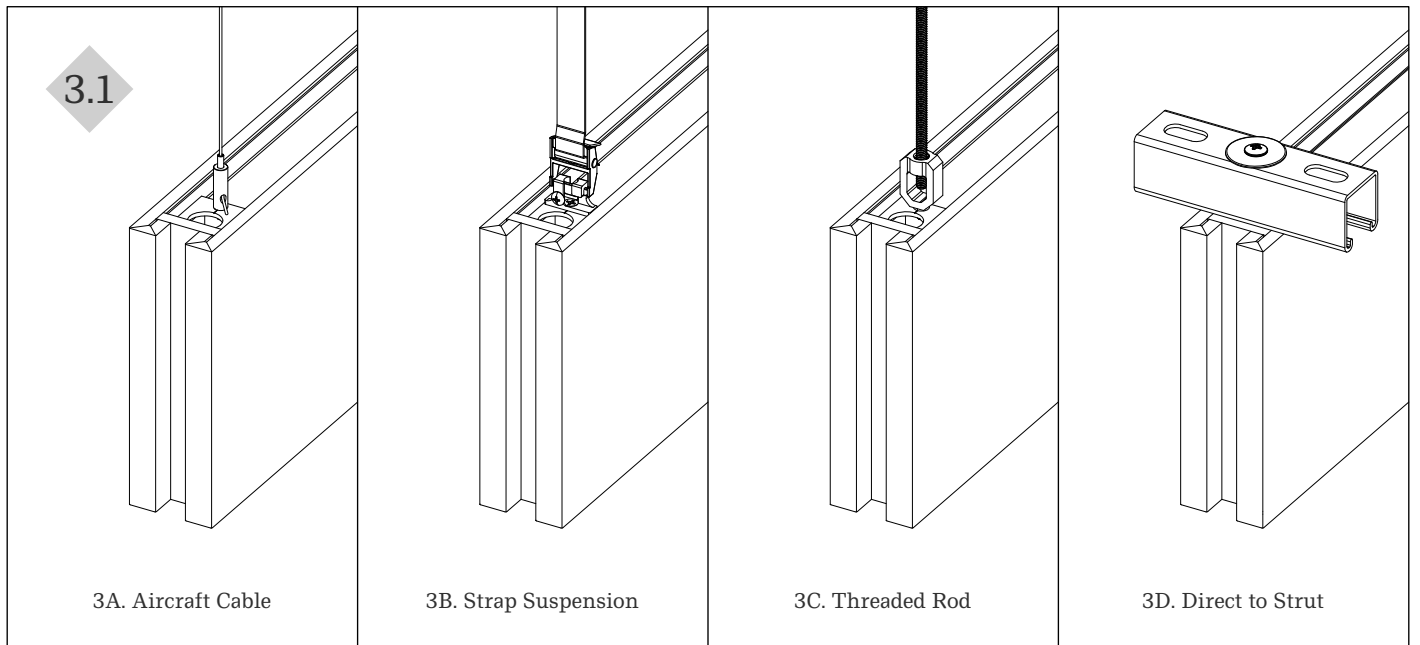
# CEILING TYPE Grid



- 2C.1** Measure the distance between the suspension points, then transfer this measurement onto the ceiling grid (not provided). Note: Clip selection is determined by both the product's weight and the ceiling grid specifications.
- 2C.2** Slide the main section of the T-bar clip onto the ceiling grid (not provided). Insert the secondary section and snap it into place to secure both parts. Alternatively, align the twist clip with the ceiling grid and rotate until it locks firmly in place.
- 2C.3** Secure the coupler (with or without canopy) to the T-bar clip or twist clip followed by tightening.

## STEP 3

# SUSPENSION TYPE

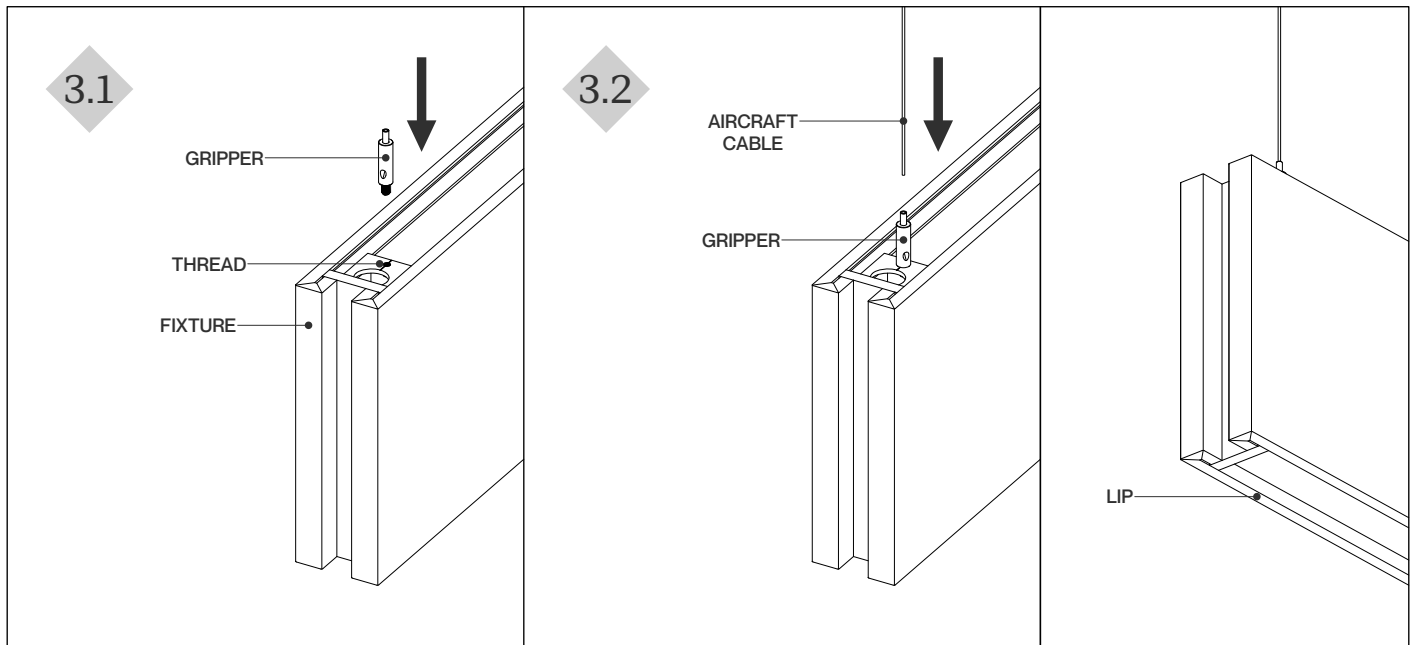


## 3.1

To properly install the fixture reference 3A, 3B, 3C or 3D to complete the installation depending on the suspension type.

## STEP 3A

# SUSPENSION TYPE Aircraft Cable



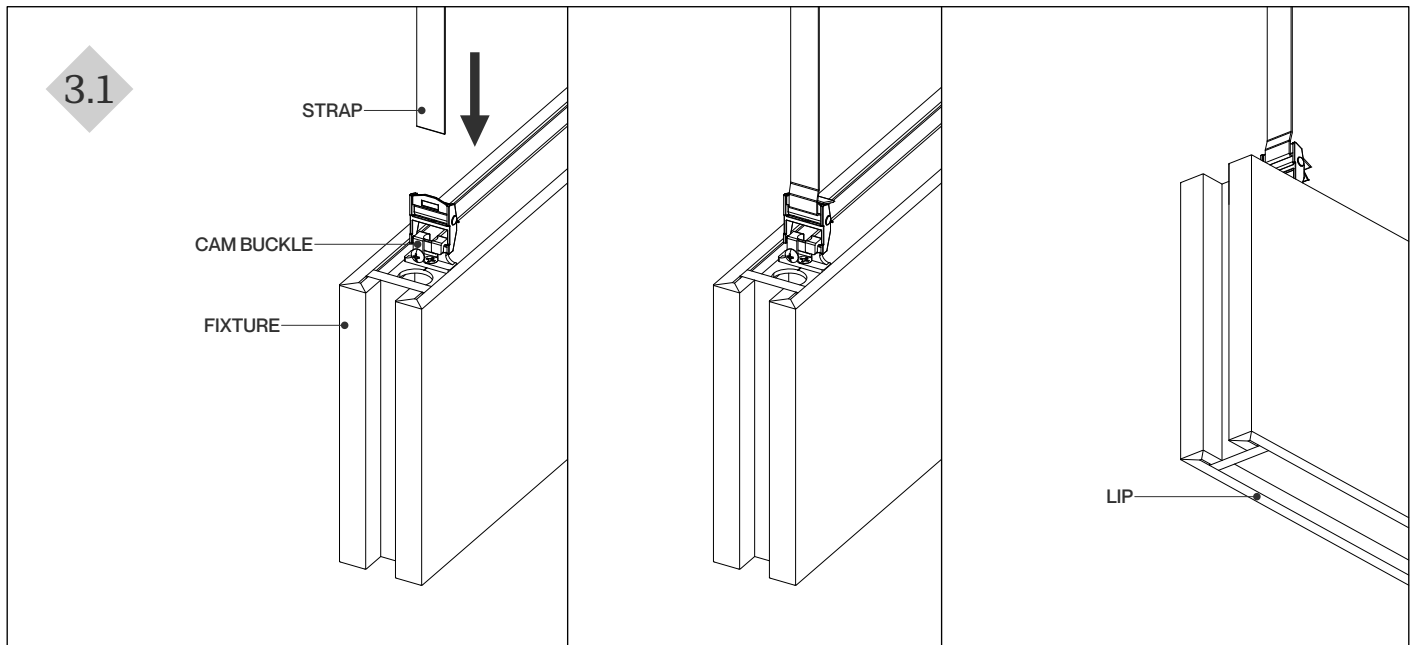
**3A.1** From the top of the fixture, insert each gripper into the thread and secure it in place.

**3A.2** Insert each aircraft cable into the gripper until the desired height is achieved.

Note: Do not handle fixture by the lip.

## STEP 3B

# SUSPENSION TYPE Strap



### 3B.1

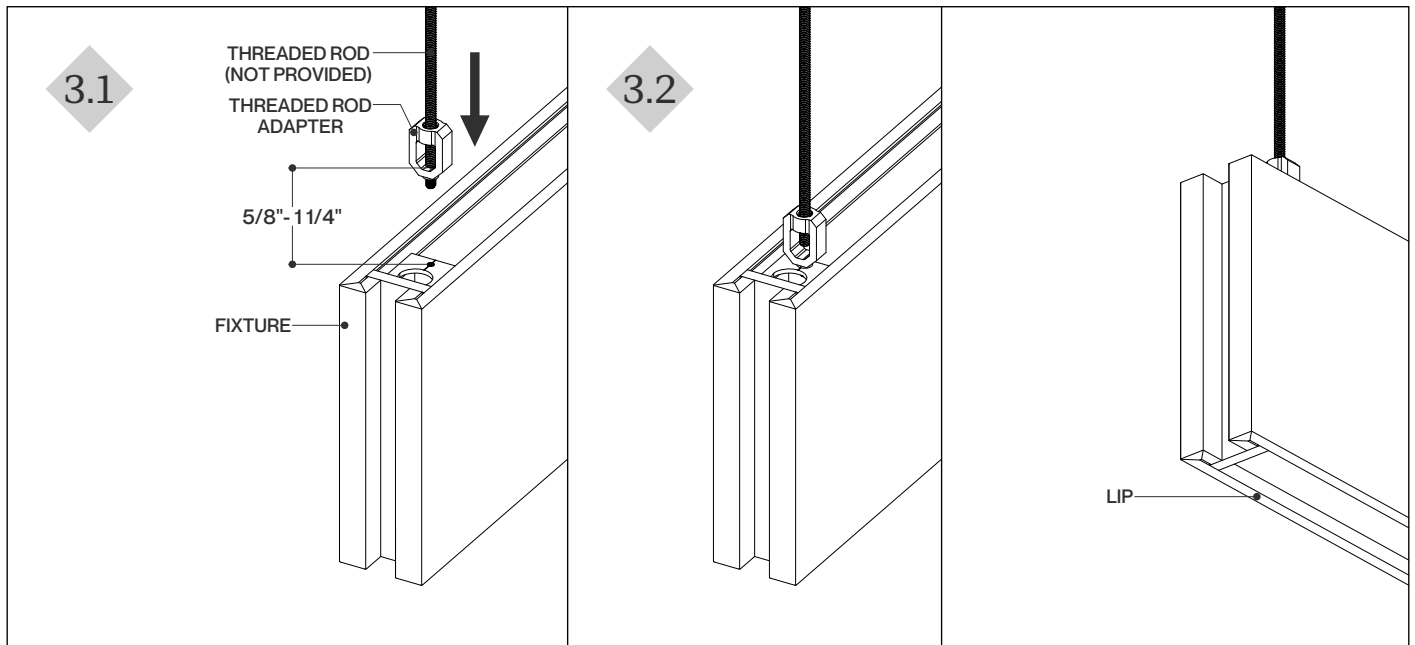
From the top of the fixture, insert each strap into the cam buckle until the desired height is achieved.

Note: Do not handle fixture by the lip.

## STEP 3C

# SUSPENSION TYPE

## Threaded Rod



**3C.1** Install 3/8" threaded rod (not provided) to above structure. The bottom end of the threaded rod should be between 5/8" - 1 1/4" above the top of the fixture. Thread the threaded rod adapter on to the threaded rod to the maximum depth possible.

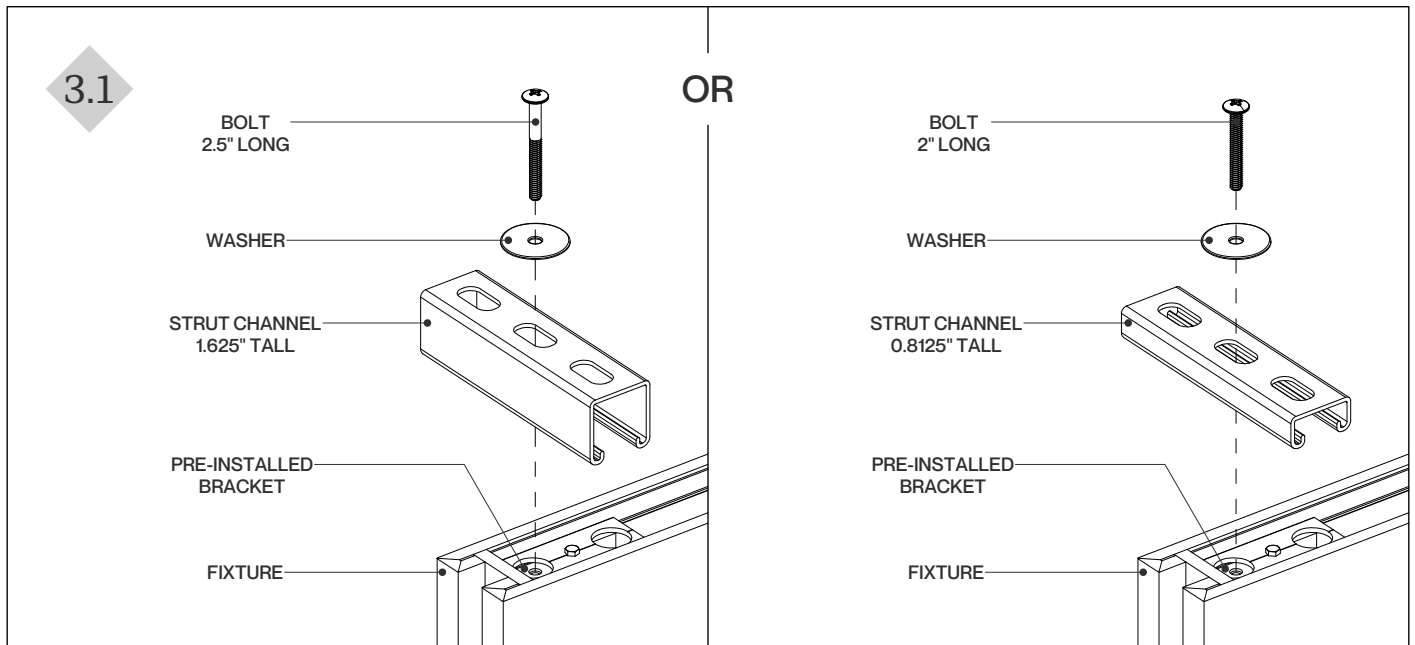
**3C.2** Lift fixture until the 10-32 standoff and the threaded rod adapter meet. Proceed to unthread adapter from threaded rod (not provided). As you do, the adapter will engage with the 10-32 standoff. Continue until adapter is flush against the fixture.

Note: Do not handle fixture by the lip.

## STEP 3D

# SUSPENSION TYPE

## Direct to Strut

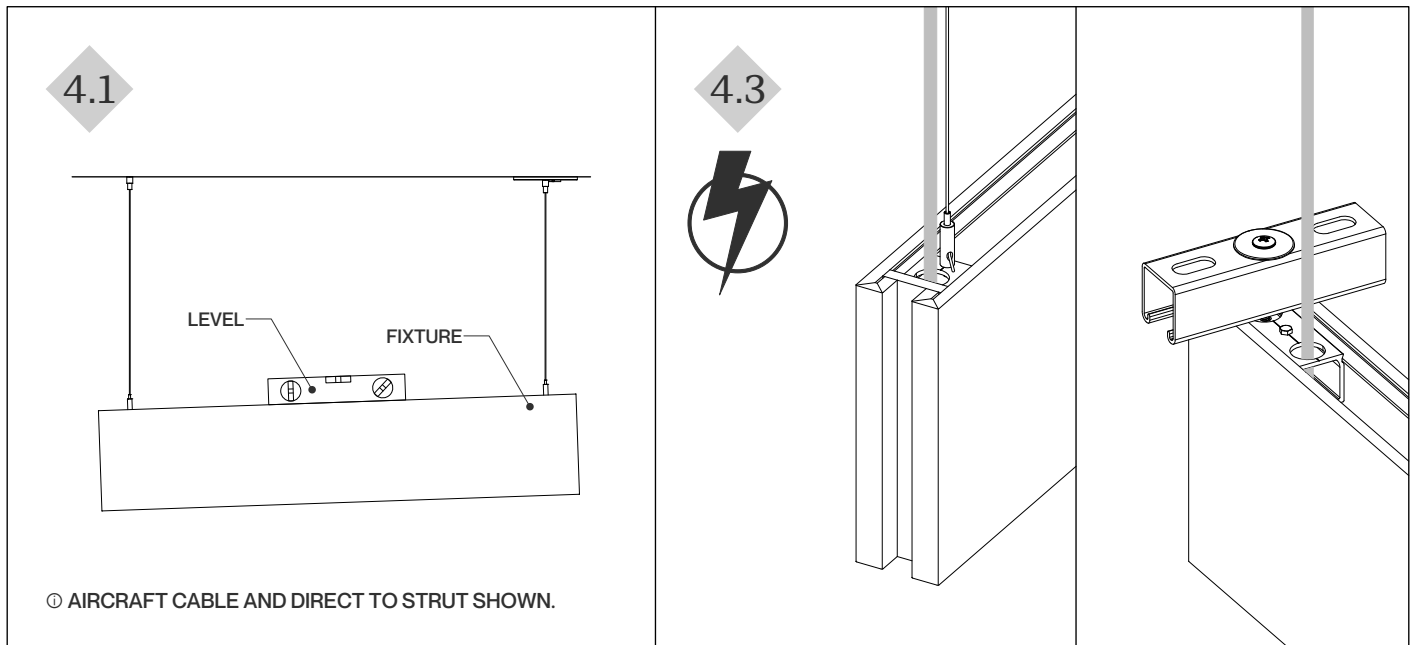


**3D.1** A 2.5" bolt is used with 1.625" (15/8") struts, and a 2" bolt with 0.8125" (13/16") struts.

**3D.2** To install, align the preinstalled bracket with the strut, insert the bolt through the washer, and fasten it securely. Do not overtighten. Check for proper alignment and ensure the connection is stable.

## STEP 4

# FINAL STEPS



4.1

Level fixture.

4.2

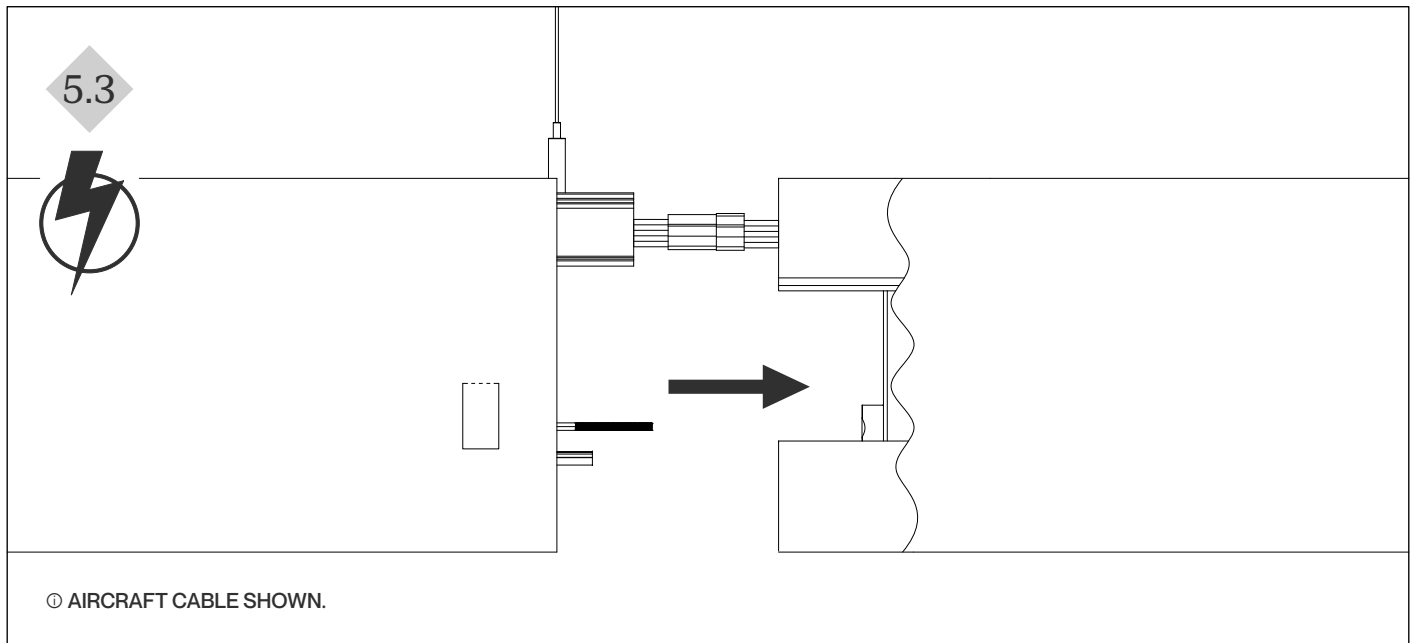
If necessary cut the excess aircraft cable off or trim the excess strap, leaving at least 25mm past cam.

4.3

If the fixture includes lighting, make fixture wiring connections in accordance with local and national electrical codes.

## STEP 5

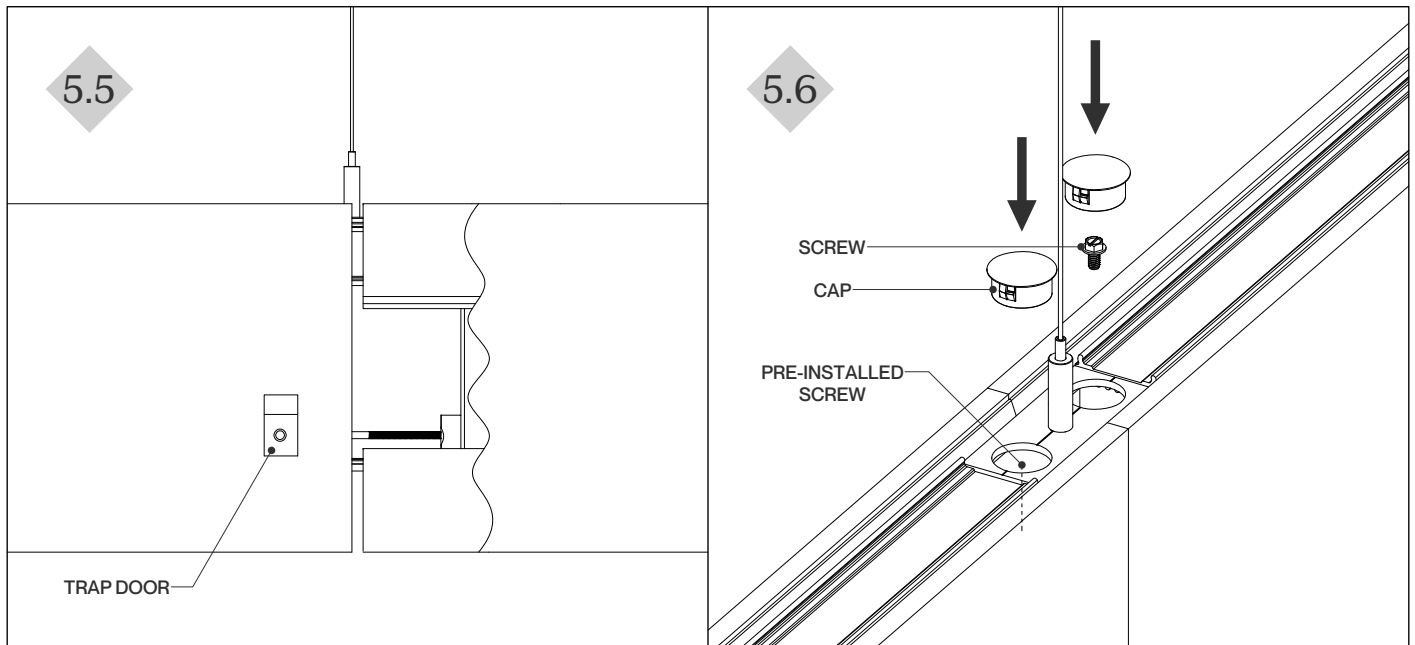
# RUN ASSEMBLY



- 5.1 Suspend the first unit (start) with its exposed end facing in the direction the run continues.
- 5.2 Suspend the fixture (intermediate or end) by its single gripper or suspension type. This gripper is located on the opposite end of the baffle from where the joint is being made. Make sure to support the free end of the baffle until step 5.4 is complete.
- 5.3 Make electrical connection between units. Use provided holes on top of fixture to brace connectors when mating.
- 5.4 Gently guide the units together with attention to the upper and lower alignment components. Do so until stopped. There should remain a small gap. Assess the gap between units. Edges of felt should be parallel. Level adjoining fixture accordingly.

## STEP 5

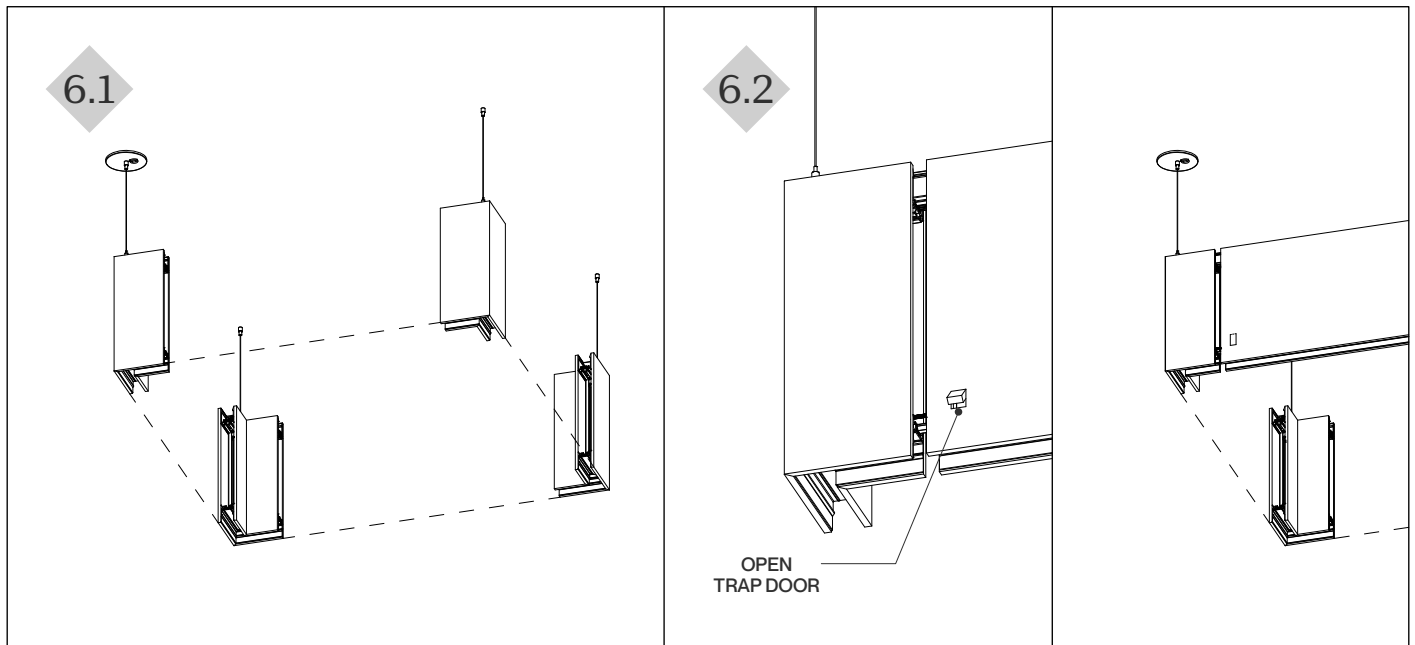
# RUN ASSEMBLY (CONT.)



- 5.5** Once level, open trap door by pulling the provided tab. Insert provided torx bit into trap door and drive until felt faces are flush, careful not to over torque. Remove tape tab on trap door, close, and inspect to smoothness. All resulting seams should be minimally visible.
- 5.6** The upper alignment component includes one pre-installed screw. Use the provided second screw to secure the opposite side. Then, insert the provided caps into the top openings of the fixture to seal the electrical compartment.
- 5.7** Inspect gap between lenses. Gap should be roughly 1mm (1/32in) in width. Adjust lens accordingly.
- 5.8** Repeat steps 5.2-5.7 until the end of the run.

## STEP 6

# PATTERN ASSEMBLY



**6.1** Suspend all junctions of patterns in areas designated by provided drawings.

**6.2** **IMPORTANT:** Before assembly, open trap doors by pressing from the inside of the fixture. Do not open from the outside, as this may damage the exterior finish.

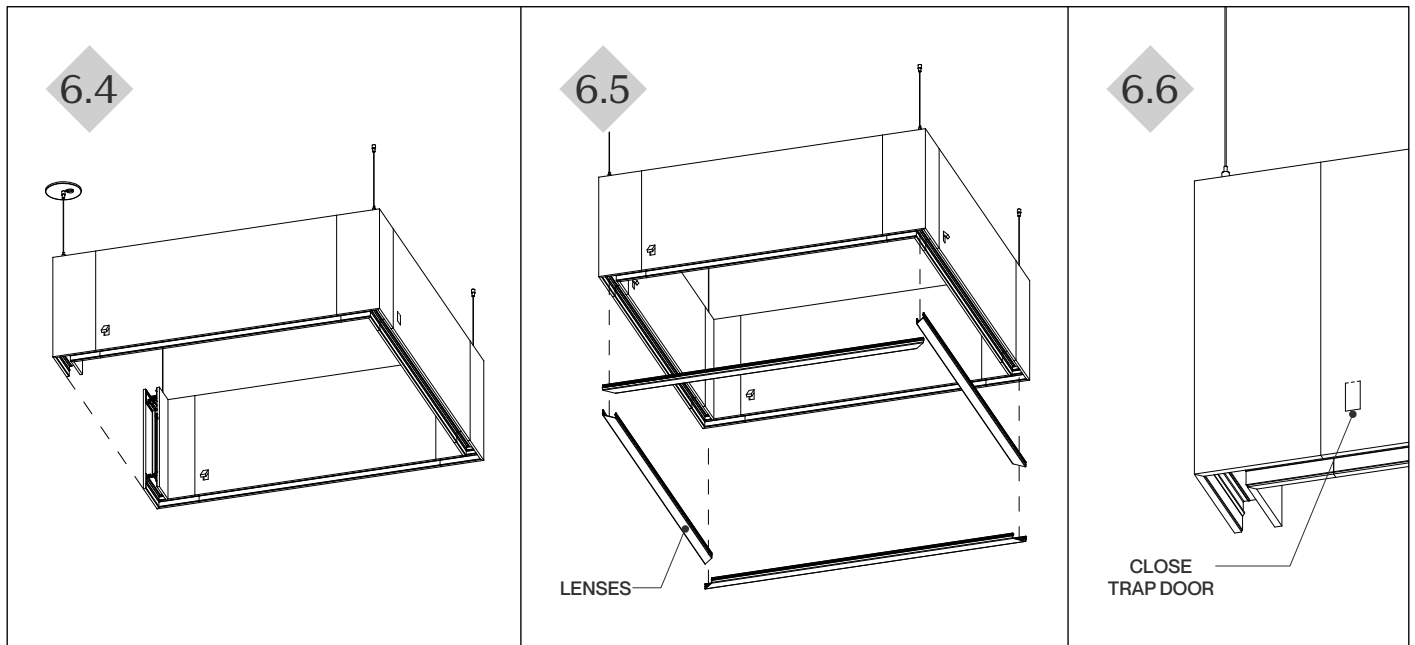
Identify feed location and use as origin point of pattern. Suspend connecting runs as you go.

Note: Minor interference may occur when joining components. Gently adjust and reattempt the connection. If the issue persists, loosen gripper bracket, join the fixtures, and retighten.

**6.3** Follow instructions provided for run assembly until pattern is complete, steps 5.2-5.7.  
Note: Read through to step 6.5 before returning to the run assembly section.

## STEP 6

# PATTERN ASSEMBLY (CONT.)



**6.4** Join fixtures finger tight only until lenses are installed. Final tightening happens after lenses are in to ensure reflectors align flush.

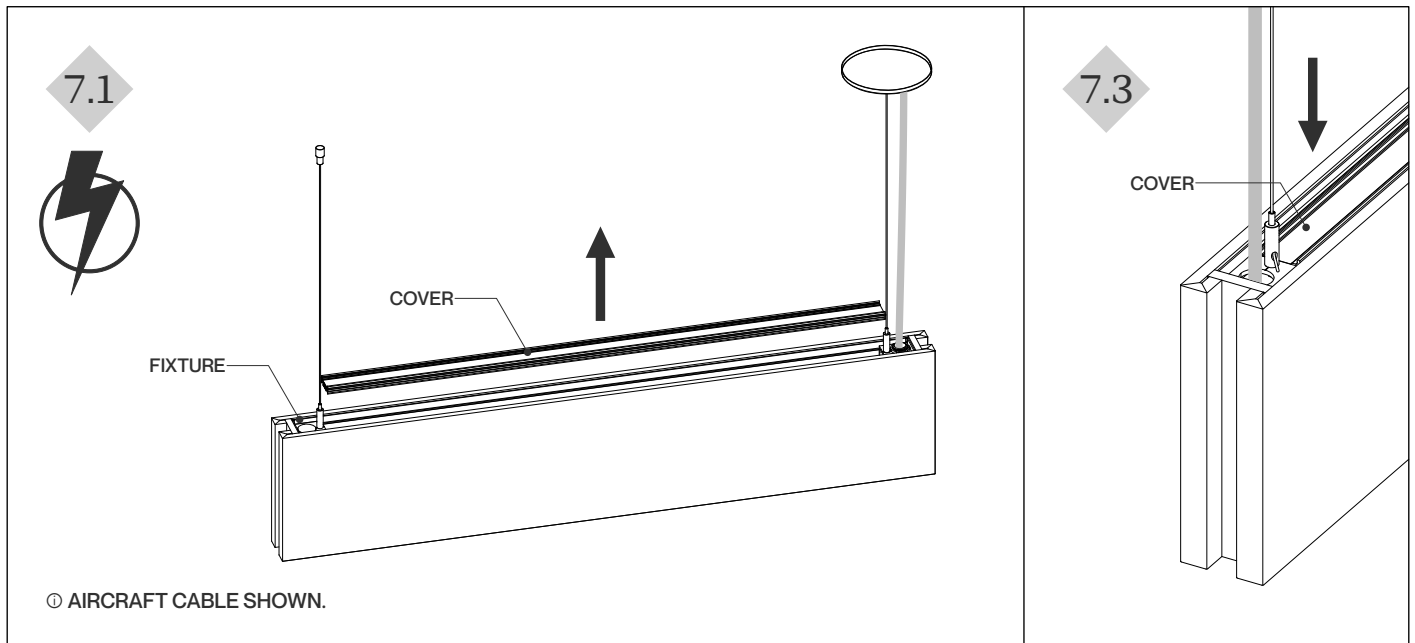
**6.5** Snap in lenses after full fixture assembly, then complete final tightening.

**6.6** Remove tape tab on trap door, close, and inspect to smoothness. All resulting seams should be minimally visible.

**6.7** Refer to final steps 4.1-4.3 to complete installation.

## STEP 7

# DRIVER SERVICE



- 7.1** Use a flathead screwdriver to remove the top cover, prying along the edge between the two aluminum faces.
- 7.2** Make the adjustments and/or replacement to the driver.
- 7.3** Align the cover to the top of fixture and secure by pressing along length to snap into place.

# SABIN