



## INSTALLATION GUIDELINES JOIST LED

### MOUNTING OPTIONS

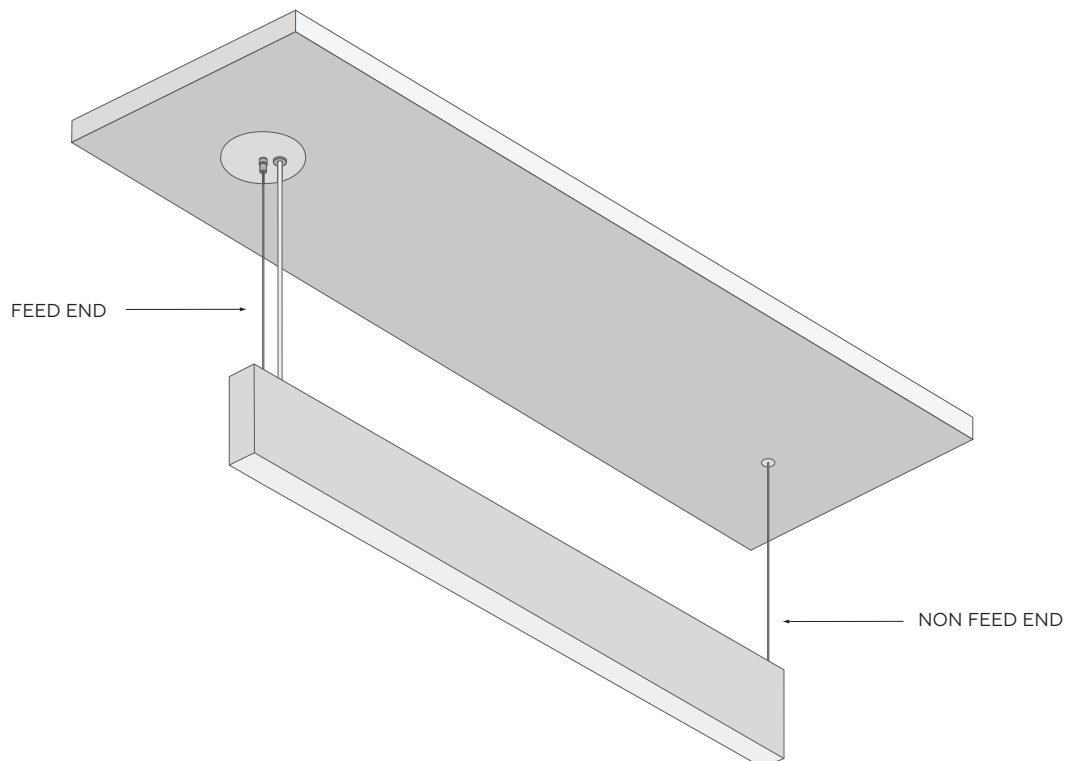
#### CABLE MOUNTING "ON GRID" (T1, T9, & SC)

- Linear suspended Joist LED is intended for "On Grid" or "T-Bar Ceiling" cable mounting are to be installed with T1 (1" T-Grid), T9 (9/16" T-Grid), or SC (Screw Slot Grid) Feed and Hanger Kits. Feed and Hanger Kits are shipped in separate kitting boxes.

#### CABLE MOUNTING "OFF GRID" (HC & JB)

- Linear suspended Joist LED is intended for cable mounting are to be installed with HC (Hard Ceiling) or JB (Junction Box) Feed and Hanger Kits. Feed and Hanger Kits are shipped in separate kitting boxes.

#### COMPLETED VIEW OF ASSEMBLY



# SUSPENDED BAFFLE INSTALLATION INSTRUCTIONS

## NON FEED CABLE/CANOPY ASSEMBLY

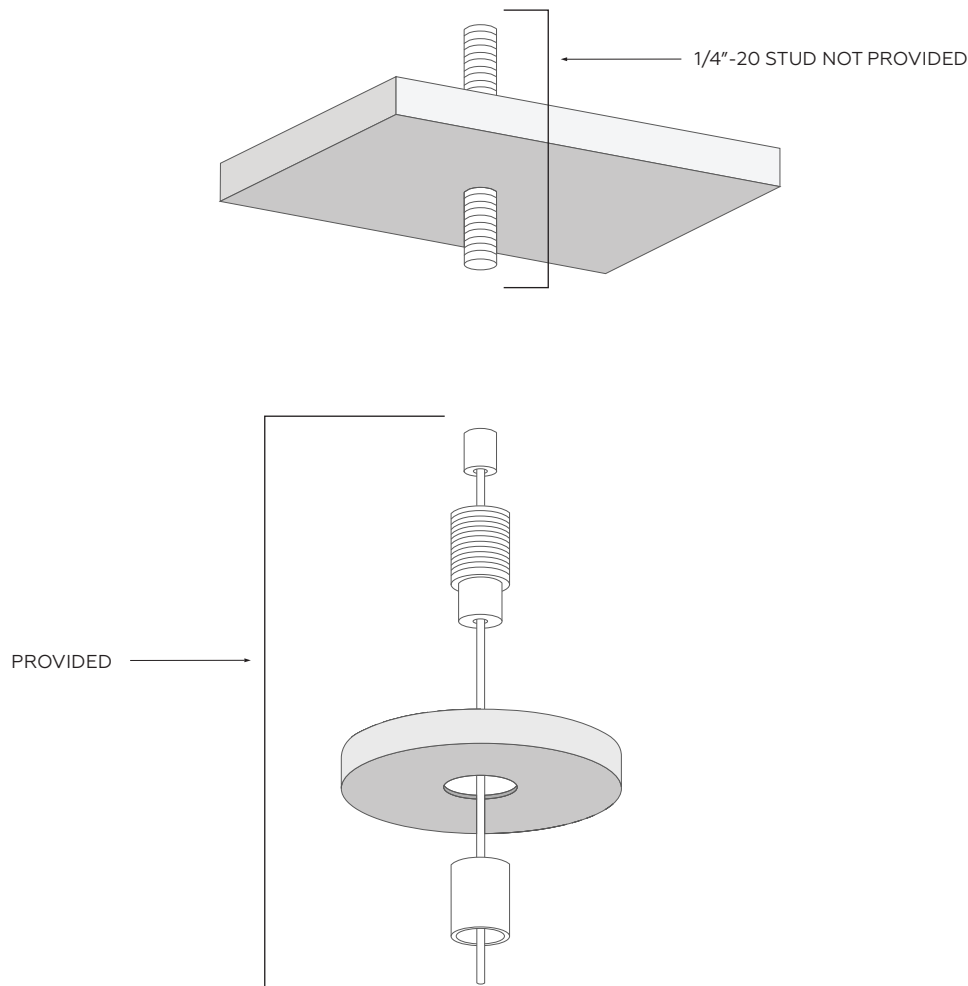
1. Determine mounting cable spacing centers from factory shop drawing or order processing specification sheet.
2. Install 1/4"-20 studs projecting from the finished ceiling line 1/2".
3. Insert cable supplied in kit through ceiling coupler in kit and attach to 1/4"-20 stud securely. Remove threaded canopy support ring from coupler and slide canopy then support ring over cable and up to finished ceiling line. Tighten support ring to locate canopy in place.
4. Raise baffle to cable assembly and route cable through the center of the adjustable cable fitting loosening the locking cap enough to allow cable to enter fitting. Feed cable through the adjustable fitting until desired mounting height is attained. Joist LED will be retained at the last point of adjustment. Tighten locking cap onto retainer stem.

**Note:** if it becomes necessary to re-adjust baffle height, loosen locking cap and depress retainer stem while adjusting to desired position.

### WARNING

**Be Certain To Support Joist LED Independently Of Cables When Depressing Retainer Stem To Avoid Damaging Baffle.**

Figure 2



# SUSPENDED BAFFLE INSTALLATION INSTRUCTIONS (CONTINUED)

## NON FEED CABLE/CANOPY ASSEMBLY

1. Determine mounting centers from factory shop drawing or order processing specification sheet.
2. Installation of IDS clip onto T-BAR at appropriate locations. See Step 1 & Figure 3.
  - A. Assemble 1/4"-20 stud and clip. Start stud into recessed square hole, grasp clip in hand and depress TAB A with thumb. Pull stud into place and release TAB A.
  - B. Separate clip into two parts by bending at TAB B.
  - C. Place PART X on T-BAR and insert base tab on part into slot. Close PARTS X and Y together locking with TAB C.
3. Secure IDS clip to structural support above with minimum #12 gauge support wire in accordance with local, state, and federal codes. See Figure 4.
4. Insert cable supplied in kit through ceiling coupler in kit and attach to 1/4"-20 stud on IDS clip securely. Remove threaded canopy support ring from coupler and slide canopy then support ring over cable and up to finished ceiling line. Tighten support ring to secure canopy in place.
5. Raise baffle to cable assembly and route cable through the center of the adjustable cable fitting, loosening the locking cap enough to allow cable to enter fitting. Feed cable through the adjustable fitting until desired mounting height is attained. Baffle will be retained at the last point of adjustment. Tighten locking cap onto retainer stem.

### WARNING

**Be Certain To Support Joist LED Independently Of Cables When Depressing Retainer Stem To Avoid Damaging Baffle.**

Figure 3

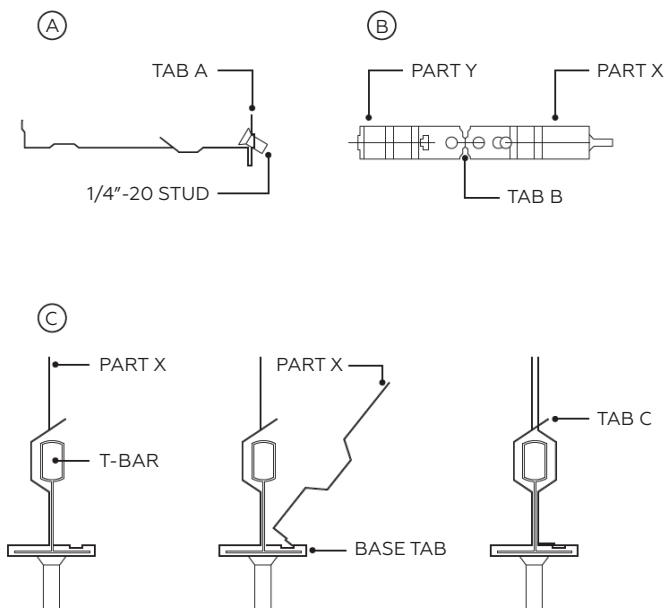
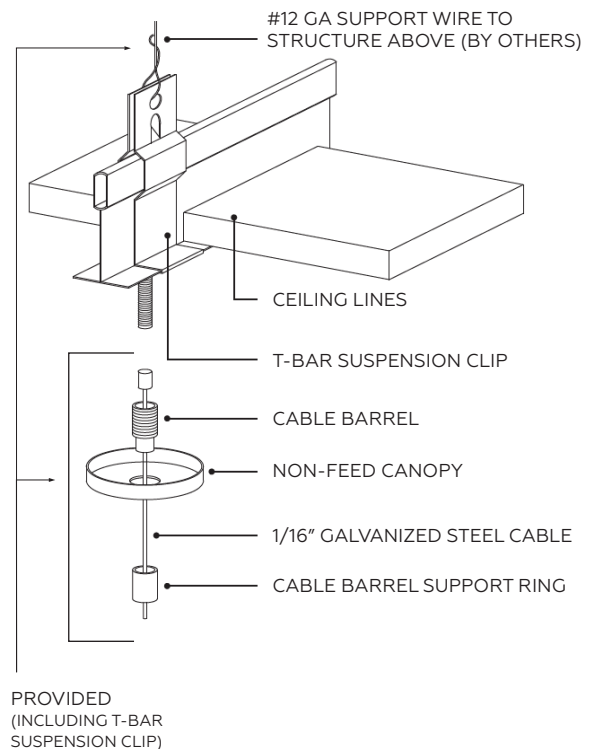


Figure 4

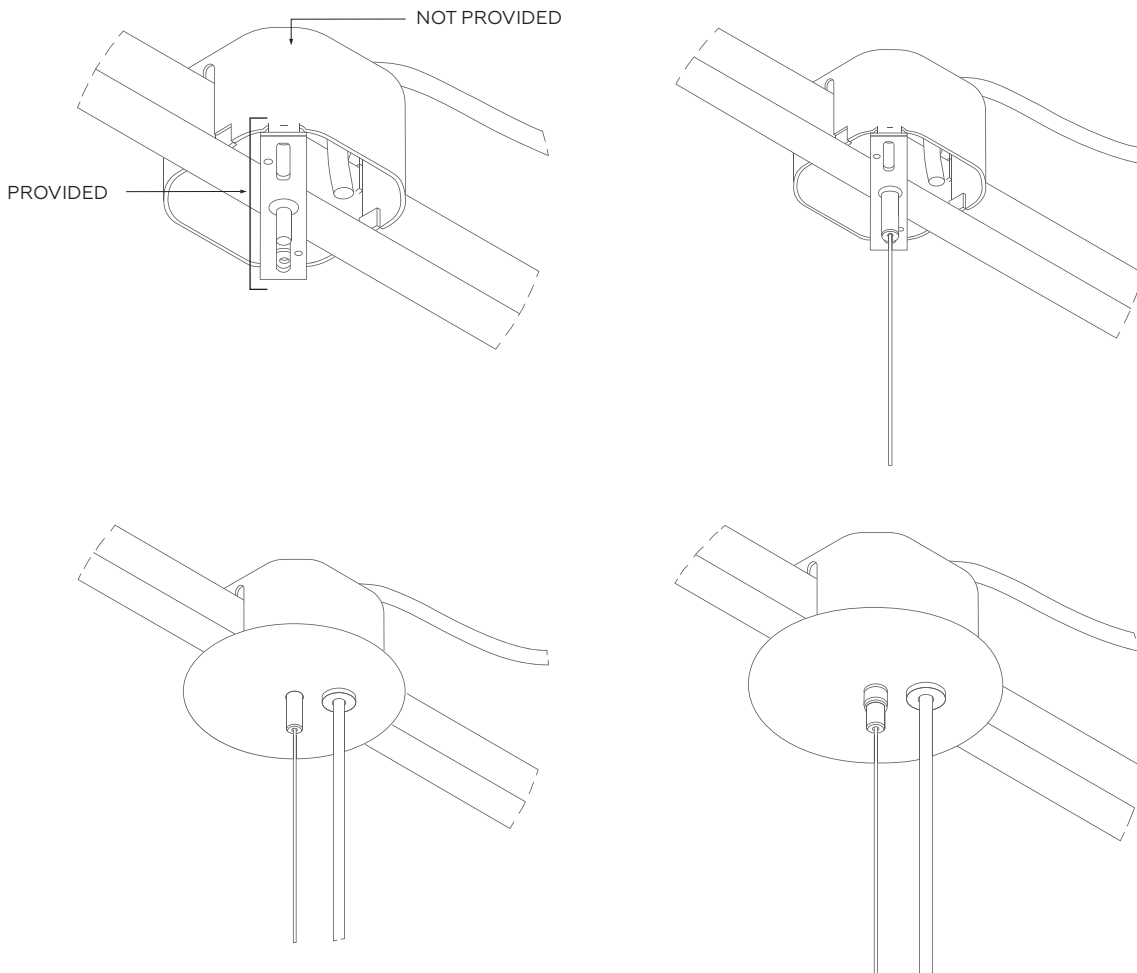


# HANGING HARDWARE INSTALLATION

## T1, T9, SC ABOVE GRID INSTALL

1. Determine mounting cable spacing centers from factory shop drawing or ordering processing specification sheet.
2. Install Cross bracket (provided) and slotted 4" J-box (not provided). See Figure 5.
3. Insert AC cable supplied in kit through ceiling coupler in kit and attach it to the cross bracket.
4. Remove threaded canopy support ring from the coupler and slide the canopy into the AC Cable. Order of Parts can be see in Figure 5.
5. Insert AC Cable into the baffle.
6. Feed the feed cable though the canopy and wire/feed through the J-Box per local, state, and federal codes.
7. Slide the canopy to the ceiling and secure with the support ring.
8. Install Strain relief and attach supplied tie straps around feed cord and cable at a minimum of 36" on center.

Figure 5



## INDIVIDUAL FIXTURE INSTALLATION

1. Locate and unpackaged fixture.
2. Locate the suspension cable locations as shown in the submittal drawing, suspend the fixture by feeding the 1/16" aircraft cable through each cable gripper. Move and level the fixture to specified position and tighten the cable gripper nut to lock the 1/16" steel cable.
3. Cut off excess aircraft cable with side cutters or similar.
4. Leave approximately 1/2" for minor adjustments. See Figure 7.

Figure 6

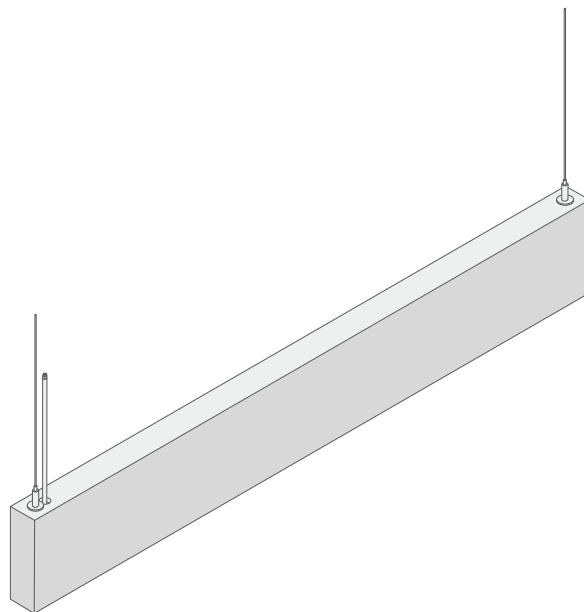


Figure 7

