**INSTALLATION: FOLD LED**

**IMPORTANT**

READ BEFORE BEGINNING INSTALLATION:

- **Do not** join fixture lengths together on the floor and lift into place. This introduces significant forces on the joins and will damage the fixtures.
- Leave the protective bag on the fixture during installation.
- All fixtures should be installed in accordance with national and local building and electrical codes.

**TOOLS REQUIRED**

**Tools:**
- Level
- Sharp Side Cutter
- Measuring Tool
- Wire Stripper / Knife
- Phillips Screwdriver
- 1/16" Allen Key

**INSTALL CEILING DRIVER ENCLOSURE**

Refer to Driver Enclosure Installation Documents + Row Configuration Document

Install ceiling driver enclosure and aircraft cable suspension per appropriate ceiling type installation instructions – noting the fixture spacing and that the non-power suspension point is NOT the end suspension point.
**2 LEAVE AIRCRAFT CABLE FULL LENGTH**

Do NOT trim the aircraft cable. The factory trimmed aircraft cable ends are required for insertion of the cable into the fixture cavity.

**3 LAY OUT LUMINAIRES**

Lay the fixture sections out to ensure the correct sections with ends and joints are supplied. Note that runs will have a Non-Power suspension point located one point in from the end of the run. Ensure fixture sections are laid out to match the Power suspension points that were done on the ceiling.

**4 LIFT INTO POSITION**

1. Lift the first fixture section (or individual fixture if stand-alone) into place.
2. Insert the aircraft cables into both ends of the fixture mounts (aircraft cable gripper).

**NOTE:**

1. For Drywall and Surface ceiling types, ensure to feed the aircraft cable through the canopy cover and threaded sleeve before inserting the cable into the fixture mount.
2. Leave the protective bag on the fixture during installation.

**5 LEVEL FIXTURE + TRIM AIRCRAFT CABLE**

Adjust the height and level the fixture section. The aircraft cable gripper is released by pressing down on the inner tube.

- **For Endcaps:** The excess aircraft cable will feed into an internal cavity in the fixture and does not need to be trimmed.
- **For Joins:** The excess aircraft cable needs to be routed back into the fixture. See Step #6.

**If stand-alone fixture, go to step #10.**

**6 PREPARE JOIN**

1. Feed all of the excess aircraft cable back into the fixture as shown.
2. Slide aligner pins into end of hanging fixture up to the notch.

**7 JOIN FIXTURES + LEVEL**

1. Lift the next fixture section into place and insert the one aircraft cable on the far end and join the other end to the previous fixture section by pressing the two fixtures together.
2. Level the far end of the fixture by adjusting the aircraft cable in the gripper.
1. Determine the length of cord required
2. Cut off the excess.
3. Strip the jacket and wires.
4. Connect to the blue and red wires in the low voltage junction box using supplied wire connectors.

**NOTE:** Depending on ceiling type, the canopy may need to be slid down the cord to complete the low voltage wiring.

11 CONNECT TO J-BOX

8A SECURE JOINS - STEP 1

1. Push fixtures together and use a #2 Phillips screwdriver to tighten two top horizontal joining screws. Tighten until snug. Do not overtighten and do not use power tools.

8B SECURE JOINS - STEP 2

2. Insert two joining pins (push aircraft cable aside as required) and using a #2 Phillips screwdriver, tighten screws until snug. The wedges on the joining pins ensure a tight connection between sections.
3. Repeat steps 6, 7 + 8 with each fixture section.

9 INSTALL TRIM COVERS

1. Ensure aircraft cable is tucked all the way in so trim cover will sit flat.
2. Push up on the center trim cover until the hidden magnets in the crossplate snap it into place.

10 ATTACH POWER CORD

1. Clip fixture end of cord into the cord restraint.
2. Lift low-voltage power cord up to ceiling box and attach cord clips.

**NOTE:**

For FD1 - Area / FD2 - VSI: 4 conductor cords have a red + blue stripe pair and a red + blue solid pair – ensure the pairs are maintained in junction box connections.
- The solid pair connects to the 4 foot section of fixture nearest the cord.
- The striped pair connects the 4 foot section furthest from the cord.
- Connect the pairs to the appropriate driver circuit (for 2 circuit module, solid pair is circuit 2, striped pair is circuit 1).
- If driver enclosure has only one pair of output wires, connect all red wires together (3) and all blue wires together (3).

**NOTE for FD3:** Independent Up|Down Lighting Control: 4 conductor cords have a red + blue stripe pair and a red + blue solid pair – ensure the pairs are maintained in junction box connections.
- The solid pair connects to the direct lighting section of fixture (down).
- The striped pair connects to the indirect lighting section of the fixture (up).
- Connect the pairs to the appropriate driver circuit (for 2 circuit module, solid pair is circuit 2, striped pair is circuit 1).
1. Stretch the cord up and reset the cord clips to hold the cord inline with the aircraft cable.
2. Apply power to the driver circuit(s).

For T-bar ceilings: Close the wiring lid.

For Drywall ceilings: Lift the canopy into place and tighten the sleeve.

For Surface Mount: Close the low voltage wiring lid, install the cover assembly into place, and tighten the sleeve.

1. Leave the protective bag on the fixtures until construction and furniture are complete.
2. Fixture can be operated as normal with the bag on.
3. Tear bag at perforation, do not use knives or tools.

To straighten a joint after the run is installed, a set screw can be adjusted to apply pressure on one side of a joint location:
1. Partially loosen joining screws.
2. Tighten the set screw on the side that needs to open to straighten the row (using 1/16" Allen Key). The set screw will push that side of the joint apart to align the row.
3. Retighten the joining screws.