

**Read and understand these instructions before installing luminaire.** This luminaire is intended for installation in accordance with the National Electrical Code and local regulations. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electric shock, turn off electricity at main power supply before proceeding. Retain these instructions for maintenance reference.

**Vyv is not responsible for any injuries due to the improper installation or handling of its products.**

**NOTE:** Fixtures must never be lifted from sides or ends, lift fixtures only by cradling in arms until they are supported uniformly by mounting system.

## Installation Instructions

Power feed and non feed aircraft cable kits are provided for suspending fixtures. Power feed kits must be used at power feed locations and non feed kits must be used at non feed locations. Each kit has components unique to its location however the directions for suspending a fixture at each location are the same.

### AIRCRAFT CABLE MOUNT:

1. Before beginning installation process remove lens (if necessary) and unscrew tray from fixture housing to access mounting and wiring holes.
2. Insert threaded end of cable gripper with knurled top fitting through n9/16" mounting hole on top plate of housing. Tighten lock nut to secure cable gripper in top plate.

Repeat step 2 at all fixture mounting holes to be used as hanging points. For fixtures in rows and patterns mounting holes are marked in provided layout drawing.

3. Chose correct ceiling mount and attach to structure. Crossbars are provided for suspending aircraft cable from electrical boxes (supplied by others) at power and non feed locations. Lag screws are provided for suspending aircraft cable from solid structure at non feed locations. Drop ceiling clips are provided for suspending aircraft cable from T-grid at non feed locations.

The following directions are shown with a crossbar as the ceiling mount. To suspend housing from any other ceiling mount follow same procedure.

4. Take half threaded cable coupler and slide up aircraft cable until molded stop is held inside coupler. Screw inner thread of cable coupler to 1/4"-20 screw mounted to ceiling to suspend aircraft cable.
5. Take canopy and slide up suspended aircraft cable. Move canopy to ceiling and secure by bringing knurled cable coupler up aircraft cable and screwing over half threaded coupler. Non feed locations must use non feed canopy (only one centered hole in canopy for aircraft cable). Power feed locations must use power feed canopy (additional offset hole in canopy for power cord).

Repeat steps 3 through 5 at all hanging points. For fixtures going in rows and patterns hanging points and dimensions are marked in provided layout drawing.

6. With multiple aircraft cables suspended from ceiling at correct distance apart lift fixture housing to aircraft cables. Run hanging ends of aircraft cables through cable grippers (compress narrow top of grippers to feed cable through). When desired cable length is achieved lock grippers in place by tightening knurled top fittings. Trim extra cable if necessary. For fixtures in rows and patterns suspend housing with multiple mounting points (usually the first fixture of the row or pattern) before others.

### CONNECTING FIXTURES IN ROWS AND PATTERNS (For individual fixtures skip to POWER FEED CONNECTION)

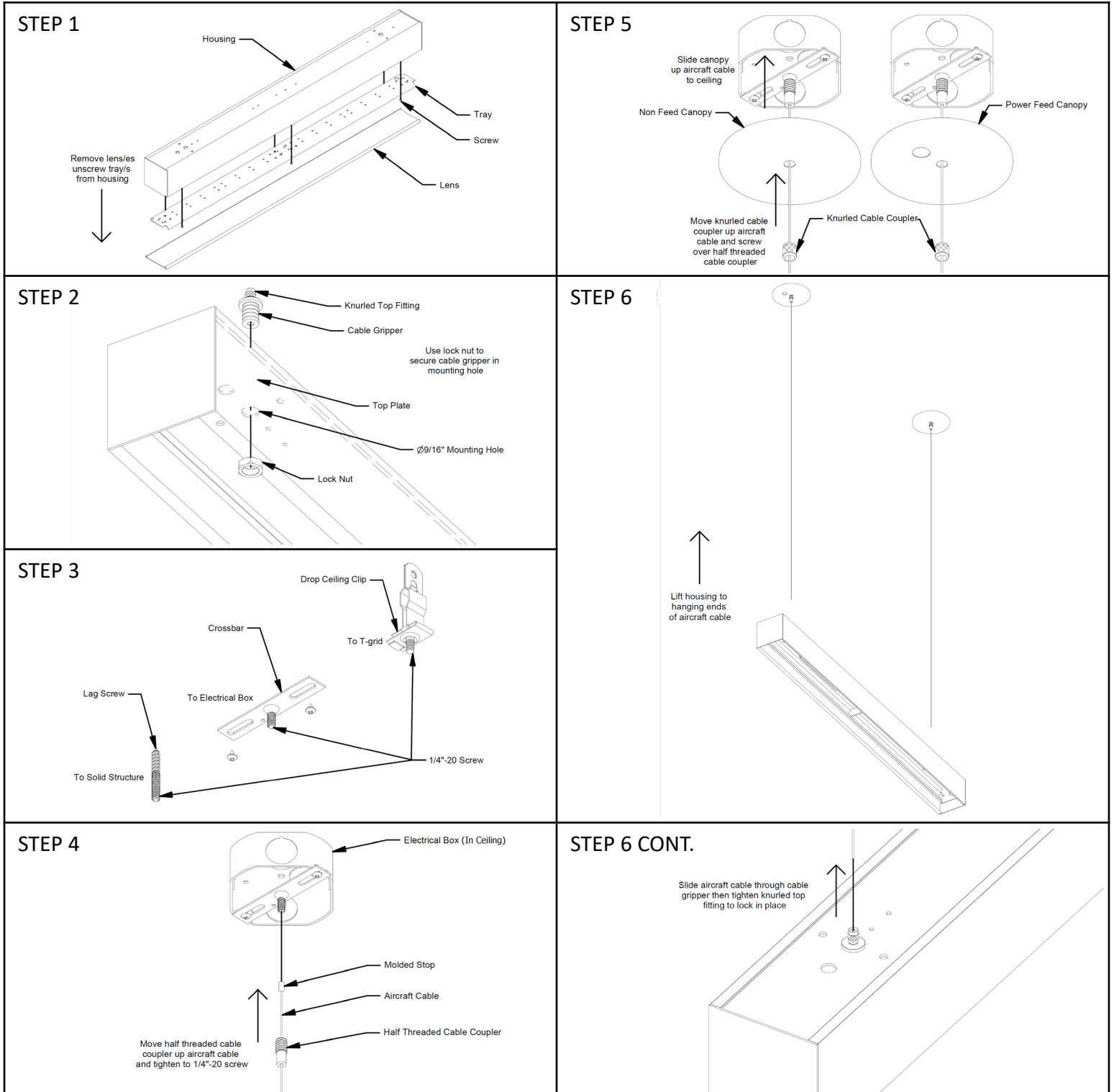
7. Take next housing of row or pattern and lift in line with suspended housing. While supporting end that will be joined to previous fixture connect other end to suspended aircraft cable by sliding the cable through the cable gripper and locking in place by tightening knurled top fitting.
8. Align joiner ends of both fixtures and connect together using provided hardware.
9. Connect wire harnesses of both fixtures through large wiring hole in center of joiner end.

Repeat steps 7 through 9 until all fixtures of the row or pattern are suspended and connected.

## POWER FEED CONNECTION

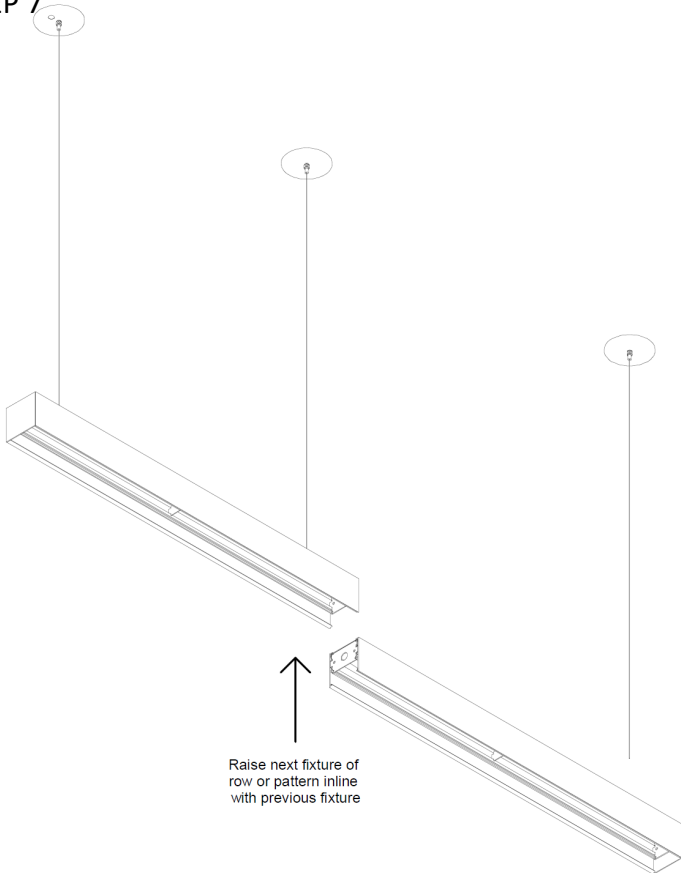
10. At power feed locations loosen canopy from electrical box by unscrewing knurled cable coupler. Insert power cord up through offset hole in the canopy and splice to electrical box. Move canopy back to electrical box and secure with knurled cable coupler.
11. Clip strain relief bushing to power cord near ceiling and push up into canopy hole to relieve unnecessary tension on power cord.
12. Insert hanging end of power cord through  $\varnothing 1/2"$  wiring hole on top plate of the housing. Once through wiring hole, slide grommet up power cord and secure in wiring hole to prevent power cord from chafing against fixture. Wire power cord to fixture.
13. If necessary, use cable ties to tighten power feed cord to aircraft cable for cleaner look.
14. With fixtures securely suspended and wired screw trays and replace lenses to housings they were taken from.

## SUSPENDING HOUSINGS:

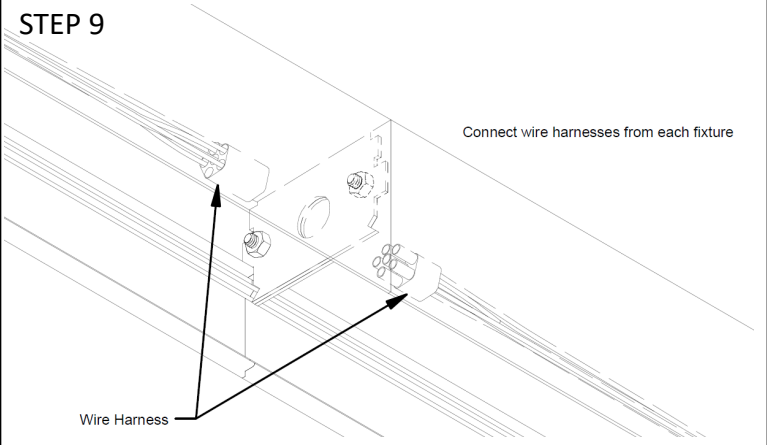


**ROWS AND PATTERNS:**

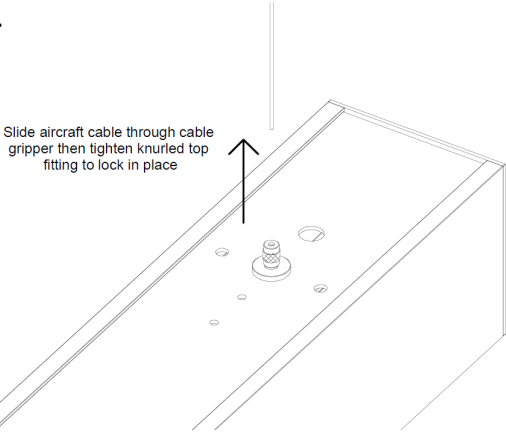
**STEP 7**



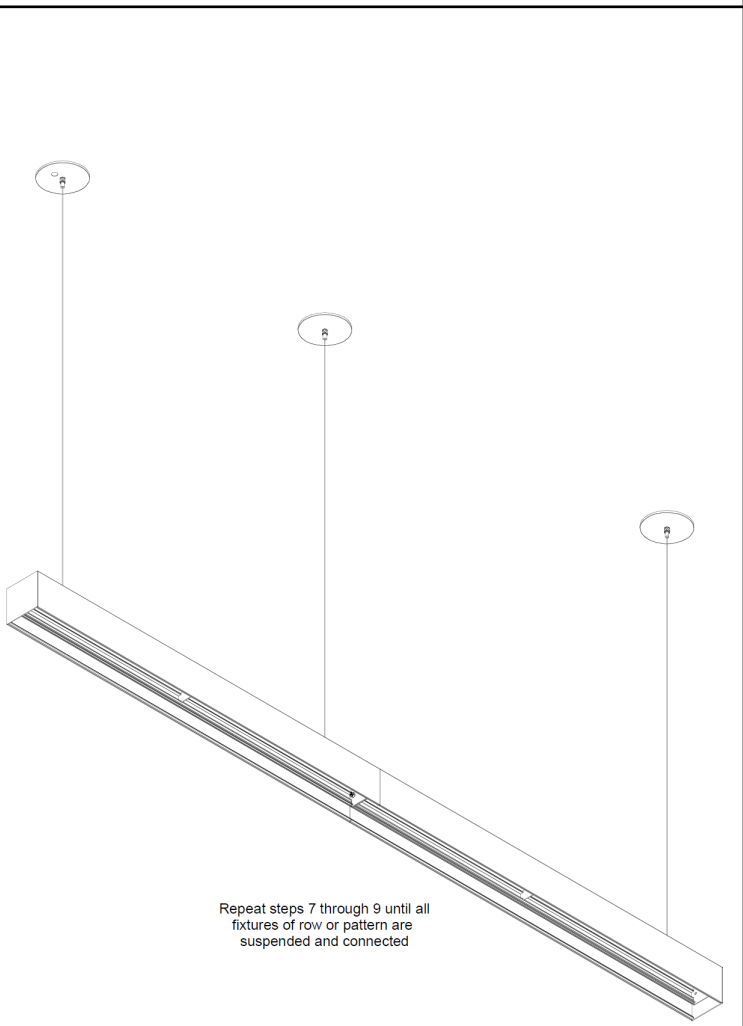
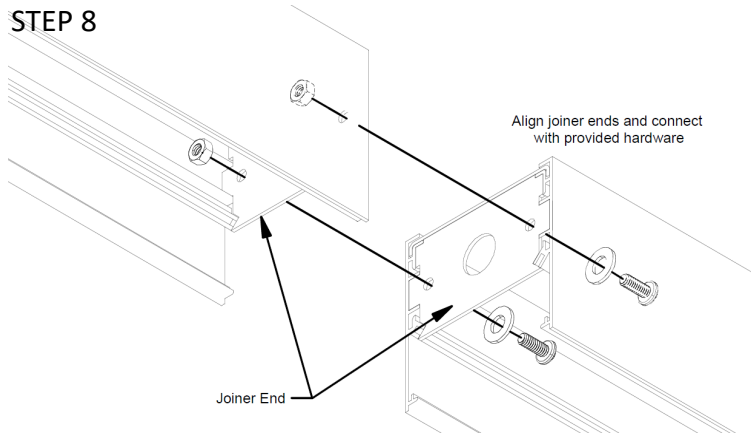
**STEP 9**



**STEP 7 CONT.**

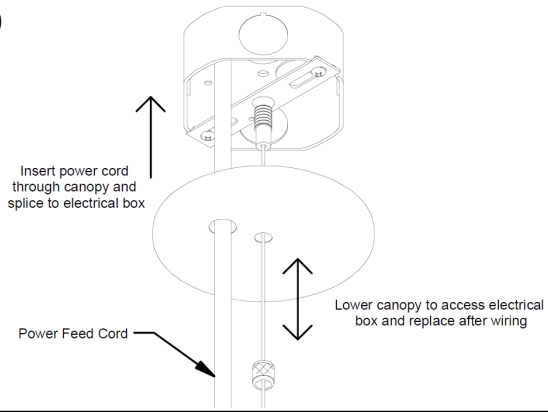


**STEP 8**

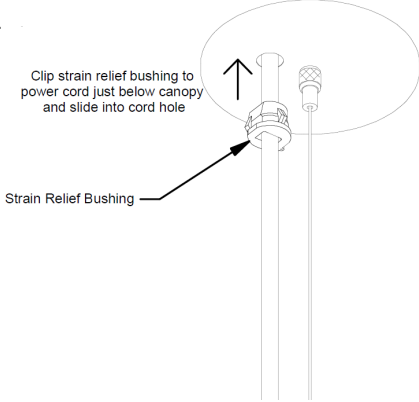


**POWER FEED CONNECTION:**

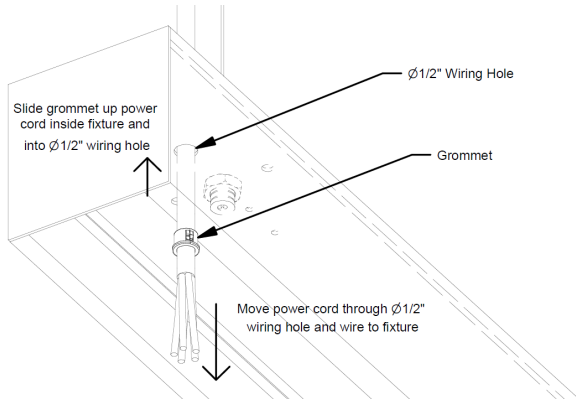
**STEP 10**



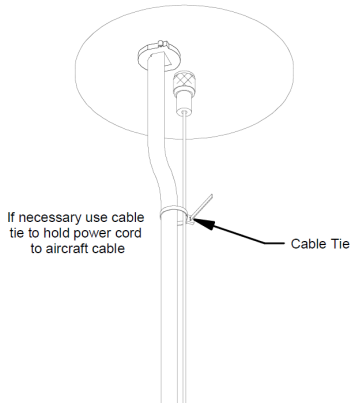
**STEP 11**



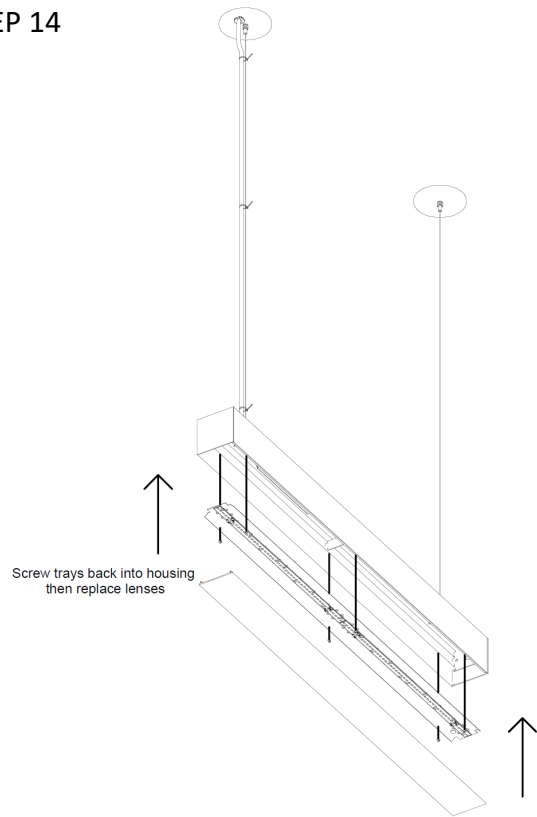
**STEP 12**



**STEP 13**



**STEP 14**



**FINISHED SUSPENDED FIXTURE**

