

INSTALLATION INSTRUCTIONS | PrecedentPro PPR04/PPR08 Series Linear Suspended Luminaires

The important safeguards and instructions here are not meant to cover all possible conditions and situations that may occur.

IMPORTANT SAFETY INSTRUCTIONS:

- **WARNING: TO AVOID FIRE, SHOCK OR DEATH**, disconnect power at circuit breaker before installing or servicing device
- **WARNING: TO AVOID ELECTROCUTION, ENSURE PRODUCT IS PROPERLY GROUNDED**
- **READ AND SAVE THESE INSTRUCTIONS FOR LATER USE**
- **WARNING:** Risk of burns. Lamps are extremely hot when lit. Allow lamps to cool down in temperature before handling.
- **WARNING:** Risk of fire; most dwellings built before 1985 have supply wire rated at 60°C. Supply conductors (power wires) connecting the luminaire must be rated at minimum of 90°C.
- Product should be installed by an electrician and all electrical connections must be in accordance with local and National Electrical Code (NEC) standards.
- Product must be mounted in locations and at heights and in a manner consistent with its intended use, in compliance with National Electrical Code and local codes and where it will not readily be subject to tampering by unauthorized personnel
- To prevent damage to the wiring, do not expose wiring to edges of sheet metal or other sharp objects
- Wear rubber soled shoes and work on a sturdy wooden or non-conductive ladder
- Double check all connections and screws, ensuring they are tight and correct
- Installing contrary to instructions may cause unsafe conditions
- If the product has any visible damage do not install it
- Call the Technical Support department at ConTech Lighting with any installation questions: 847.559.5500

INSTALLATION PROCEDURE

Prepping the Ceiling Power Feed and Supports

TABLE 1: Canopy Spacing

LUMINAIRE TYPE	PPR04	PPR08
	CANOPY SPACING	
STAND ALONE	42"	86-1/4"
START OF RUN	42"	86-1/4"
MIDDLE OF RUN	44-1/4"	88-1/2"
END OF RUN	44-1/4"	88-1/2"

1. For incoming Power/Aircraft Suspension Kit, attach Canopy Mounting Bracket to Junction Box and Threaded Rod to center of Mounting Bracket as shown in Figure A
2. Feed Power Cable from Kit through Canopy and wire according to the wiring diagram in Figure B, using approved Wire Connectors
3. Feed Aircraft Cable through Cable Coupler so grommet end sits within Coupler
4. Position Canopy over center Threaded Rod and secure in place using the Cable Coupler, being sure not to pinch any of the wires and connections in the Junction Box
5. Repeat for successive Aircraft Support Kits (sold separately) by spacing those according to the chart in Table 1, skipping Step 1 for the Aircraft Support Kits

FIGURE A

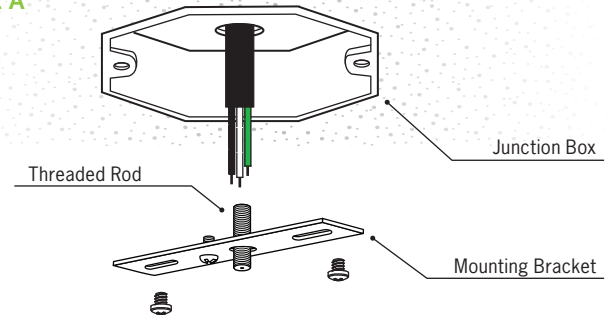
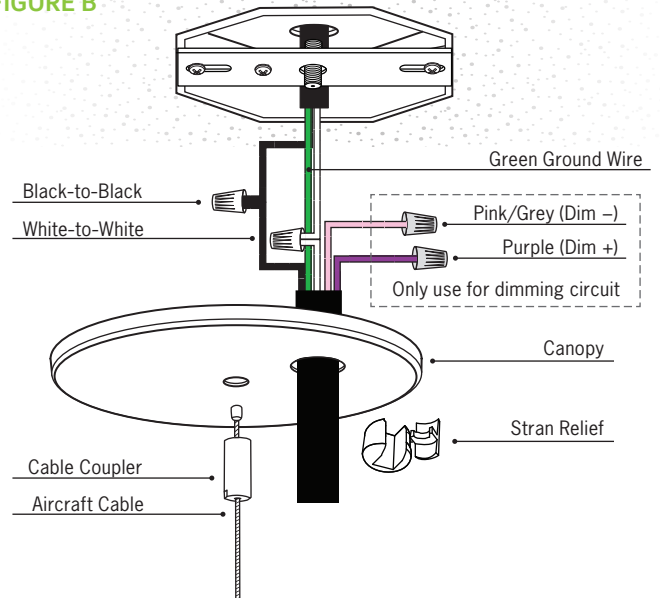


FIGURE B



CONTINUED

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INSTALLATION PROCEDURE

Prepping, Suspending, and Wiring Luminaires

1. On floor or table, install the Cable Gripper into the luminaires as shown in Figure C.
2. Hang the start of run luminaire (or stand alone luminaire) by inserting the Aircraft Cable through the Cable Grippers at the two ends. Adjust the height and level the unit as necessary. Cut any excess cable as necessary or coil up and secure with cable ties (not provided).
3. Prep each successive unit by attaching a Cable Gripper to the far end. Note that each luminaire will mechanically connect to the unit previously raised.
4. Before raising the next luminaire, be sure to orient the unit so the appropriate end is aligned with the previous luminaire (check the Male/Female Wire Connectors).
5. Hang the successive luminaire as shown in Figure C. Adjust the height and level the unit. Again, cut or coil excess cable as per Step 2.
6. Make the Wire Harness connections between the two (2) units and tuck the wire inside the housing. There are two (2) Harnesses: one for power and dimming controls and one for ground. Ensure both Harnesses are connected between each luminaire.
7. Slide the two luminaires together, ensuring the Wiring Harness is not pinched or damaged in the process. Secure the luminaire with two (2) screws as shown in Figure D.
8. Repeat the process to complete the full run of luminaires.
9. Remove the Top Cover Plate from the first luminaire in the suspended row by removing the two (2) screws shown in Figure E.
10. Cut Power Drop Cable to the necessary length ensuring to leave at least 6-inches for wire prep and connections. String Power Feed Cable through hole in Top Cover Plate.
11. Strip each wire within Power Drop (number of wires will vary depending upon configuration).
12. Connect the power feed wires with the leads inside the luminaire using approved wire connectors according to the diagram in Figure F.
13. Carefully tuck the connectors and excess wire inside the luminaire channel. Position the Top Cover Plate and re-secure with the two (2) screws.

FIGURE C

Middle of Run Units

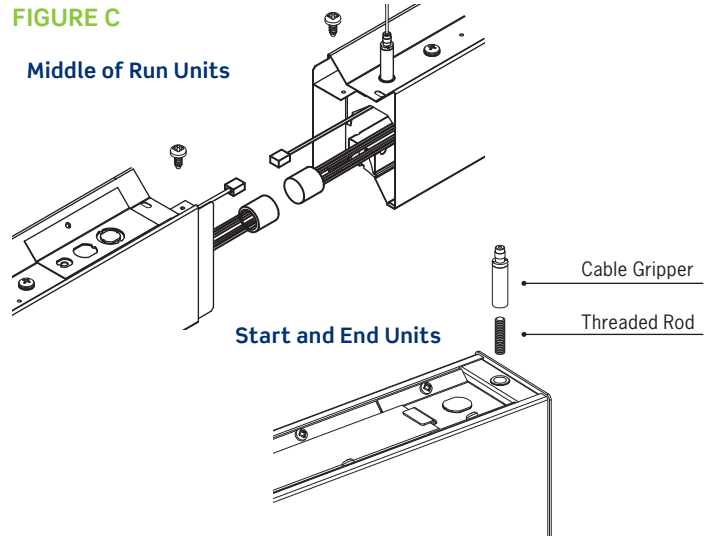


FIGURE D

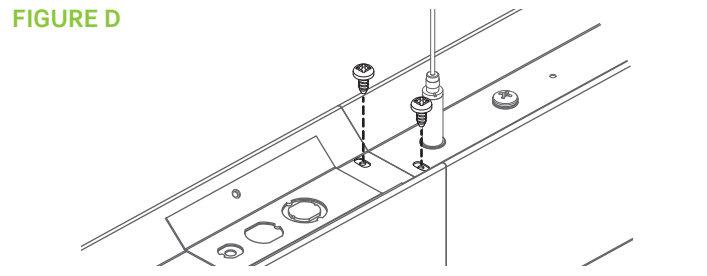


FIGURE E

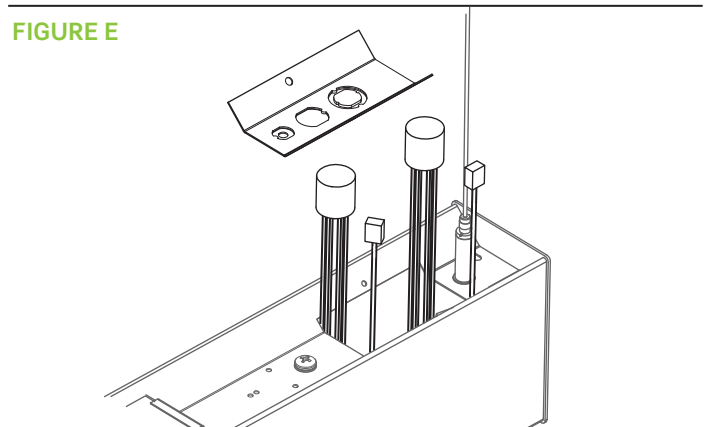


FIGURE F

