

IMPORTANT SAFETY INSTRUCTIONS:

- Read all the instructions before installation. Save instructions for later use.
- Turn off power at fuse or circuit breaker box before installation of before doing any maintenance work.
- Wear rubber soled shoes and work should be done on a sturdy wooden or non-conductive ladder.
- Product must be mounted in locations and at heights in a manner consistent with its intended use, and in compliance with National Electrical Code and local building codes. For indoor use only.
- Product must be grounded to avoid potential electric shock and any other potential hazards. • Do not exceed the nominal supply voltage or amperage ratings. • Make sure all screws are properly tightened.
- Installing contrary to instructions may cause unsafe conditions.
- Warning: Risk of fire. Most dwellings built before 1985 have supply wire rated at 60°C. Consult a qualified electrician before installation.
- Warning: Risk of burns. Lamps are extremely hot when lit. Allow lamps to cool down in temperature before handling.
- To avoid hazards to children, account for all parts and properly dispose of all packing materials.
- Call the Technical Support department at ConTech Lighting with any installation questions: 847-559-5500.

INSTALLATION INSTRUCTIONS:

Part 1: Preparing Fixtures for Installation:

These steps are done on the ground before suspending fixtures in place

1. Identify the fixtures within a single run and position on ground below mounting locations
2. Orient each fixture being connected within the run so that the joining electrical connectors are in a male-to-female alignment
3. Identify the first fixture in the run
4. Attach one Aircraft Cable Holder to the top of the fixture at the start of the run.
5. Slide the Joiner Bracket into position on the side facing fixture 2 and secure with the two Philips head screws provided
6. Attach a second Aircraft Cable Holder to the center of the joiner bracket
7. Repeat steps 5 and 6 for each fixture within the run so that each fixture is ready to be suspended and has the joining hardware in ready position.
8. Attach a last Aircraft Cable Holder to the last fixture in the run.

Part 2: Preparing Ceiling Junction Boxes and Suspension Points for Installation

1. Starting with the front of the run install the Power Feed Kit to the junction box by mounting the support bracket, feeding the supply cable through the canopy and connecting the wires with approved wire connectors (White to Neutral, Black to Hot, Green to Ground)
2. Feed Aircraft cable (20' provided) through Cable Coupler so riveted end is seated inside coupler.
3. Attach coupler to ceiling canopy and then screw canopy to mounting plate to cover junction box
4. Install Aircraft Cable supports (PLSAC Kits) at each location centered between joining fixtures within a run by attaching support bracket and repeating steps 2 and 3.

Part 3: Suspending Fixtures

It is recommended these steps be completed by at least two persons

1. Lift the Fixture #1 into position and thread the two(2) Aircraft Cables through the Cable holders on the fixture.
2. Adjust the height and balance the fixture by adjusting the amount of cable going through the holders.
3. Once leveled, screw the lock-nut on the holder into place to secure the position of the fixture.
4. Lift fixture #2 into position and slide the joiner plate from fixture #1 into fixture #2
5. Thread the Aircraft cable #3 through the Cable holder on the other end of fixture #2 and adjust length to level fixture
6. Once the two fixtures are leveled, secure joiner plate #1 to fixture #2 using two Philips Head screws provided.
7. Repeat steps 4 through 6 for each of the remaining fixtures in the run.
8. Install the light blockers at the seams of each adjoining fixture.
9. Once the entire fixture run is suspended, mechanically joined, and leveled, cut any excess aircraft cable from coming through the cable holders using a proper aircraft cable cutting tool.

Part 4: Wiring Fixtures

1. Returning to fixture #1, locate the top cover plate with two knock-outs.
2. Thread the power supply cable through one of the knockouts and cut the supply cable to an appropriate length leaving up to 6" of excess to allow for wiring.
3. Using approved cable strippers, strip the cable jacket and each conductor and locate the input power feeds (these will have wire connectors attached already)
4. Remove wire connectors, connect supply conductors (White to Neutral, Black to Hot, Green to Ground) using the wire connectors.
5. Position the top cover plate and attach to the top of the fixture with the two hex head screws provided. Cap the open knockout (if no dimming control) with the black cap provided
6. Move to each joining fixture and connect the quick connectors (male-to-female) between each fixture.
7. Using the two top cover plates in the joiner kits, cover each fixture using the hex head screws provided.
8. For the end of the last fixture use a power feed cover plate and two black caps to cover the top of the last fixture.
9. Attach the two end-caps at the beginning and end of the run using four Philips head screws provided.