

AIRCRAFT CABLE

INSTALLATION INSTRUCTIONS



WARNING:

- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.
- LEDs are ESD (Electro Static Discharge) sensitive devices that can be easily damaged if the proper ESD mitigating steps are not taken.
- LEDs are very sensitive to mechanical damage. Caution must be taken to avoid damage to the LEDs.
- ESD or mechanical damage voids all warranties.
- Suitable for dry and damp locations.

FOR USE WITH FIXTURES SPECIFIED WITH:

- ACF/___
- ACJ/___

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T-BAR INSTALLATION PREPARATION

FOR T-BAR CEILING INSTALLATION ONLY.

FOR SHEETROCK/HARDPAN CEILING INSTALLATION, BEGIN WITH CANOPY INSTALLATION LOCATIONS ON PAGE 2

STEP 1: Break bracket & insert stud

- T-bar mounting bracket halves are supplied as a one-piece metal stamping. Bend inward at middle until bracket breaks into two pieces. See FIG 1.1
- Insert 1/4 - 20 threaded stud into "A" half of bracket. See FIG 1.2

FIG 1.1

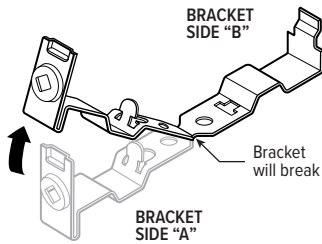
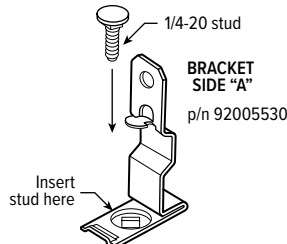


FIG 1.2

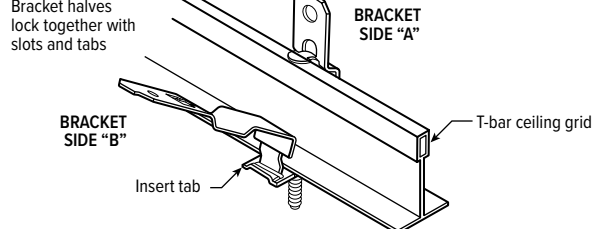


STEP 2: Snap on T-bar

T-bar mounting bracket halves interlock and snap together around the T-bar. Snap side "B" together with side "A" around T-bar.

Brackets must be placed exactly at each mounting point for correct installation and hanging of cables.

FIG 2.1

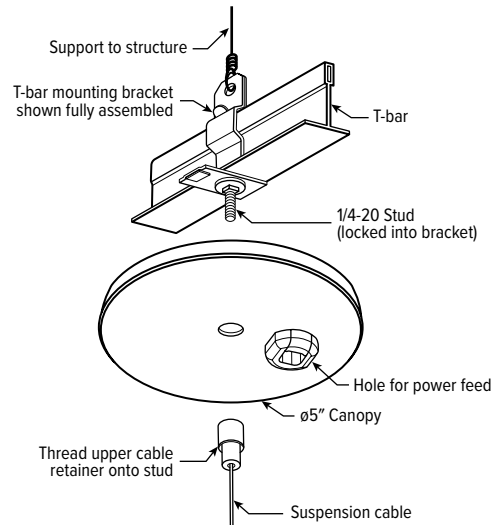


STEP 3: Provide support

Suspension locations must be securely supported to the structure before hanging light fixtures onto brackets. Use 12-gauge or stronger steel ceiling support wire.

Place the canopy flush to the ceiling tile and thread upper cable retainer onto the 1/4 - 20 stud.

FIG 3.1 T-bar ceiling installation



CONTINUE TO CANOPY INSTALLATION LOCATIONS ON PAGE 2

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CANOPY INSTALLATION LOCATIONS

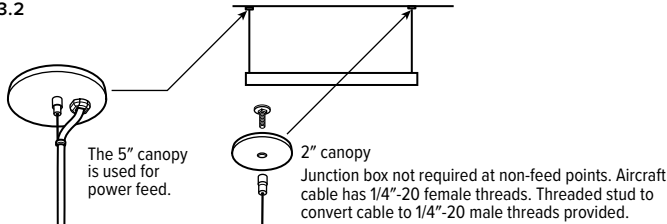
Suspension locations must be securely supported to the structure before hanging light fixtures onto brackets. (See FIG 3.4 for sheetrock details)

For safety, always support the weight of the fixture. **Do not leave a fixture hanging by only one end while working.**

STAND-ALONE ASSEMBLY MOUNTING LOCATIONS

A stand-alone fixture will require two suspension cables. The 5" diameter canopy will be used only at power feed locations. Smaller 2" canopies are to be used at non-feed locations

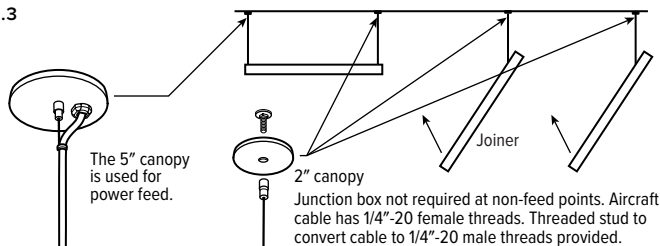
FIG 3.2



ROW ASSEMBLY MOUNTING LOCATIONS

Install mounting cables at desired locations. Only the first fixture in each row will require two suspension cables. Each adjoining fixture will require only one cable before attaching to the previous fixture.

FIG 3.3



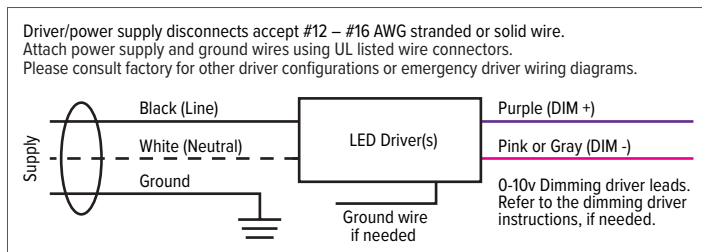
SUSPEND & LEVEL FIXTURES

Hang the fixture from suspension cables by hooking into each end of the light fixture.

- Install 10 - 32 flange nuts from the hardware kit onto the threaded cable end. Adjust up or down as necessary until the fixture is level.
- Fully adjustable cables allow you to vary the length from 6" to 96" with a stopping device that may be secured at any point along the length of cable.
- One 10 - 32 flange nut from the hardware kit secures the fixture.

WIRING DIAGRAM

Make electrical connections in accordance with NEC and local codes.

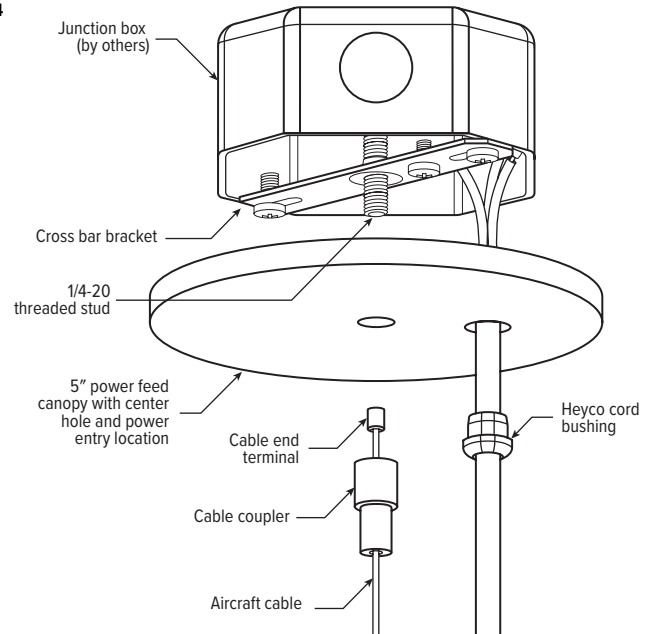


INSTALLATION TO JUNCTION BOX

SHEETROCK/HARDPAN INSTALLATION

- Mount the cross bar bracket to the junction box.
- Insert the 1/4-20 stud into the cross bar.
- Holding luminaire in place, make electrical connections.
- Place the canopy cover with the 1/4-20 stud, centered.
- Raise luminaire and thread cable coupler onto the 1/4-20 stud.
- Repeat steps 4 and 5 for non-feed mounting point.

FIG 3.4



T-BAR MOUNTED J-BOX FOR POWER FEED DETAILS

When hanging the junction box onto the T-bar mounting bracket, tie the ceiling support wire for this location directly to the T-bar.

