

INSTALLATION INSTRUCTIONS FOR FRAME-IN KITS

WARNING: Read and understand these instructions before installing fixture.

This fixture is intended for installation in accordance with National Electrical Code or Canadian Electrical Code (as applicable) and local regulations: To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electrical shock, turn off electricity at fuse box before proceeding. Retain these instructions for maintenance reference.

WARRANTY: Five years including Driver and Led's (light emitting diodes). Philips will not be responsible for any products subjected to inappropriate application or installed or modified in any way that is not in accordance with Philips's instructions.

A. MOUNTING BAR POSITION :

Determine desired mounting bar position for frame-in kit based upon building construction/lighting application. See below if mounting bar position needs to be changed. If no change is needed, proceed to B.

1. Completely remove mounting bars by extending them past their lock point. (Fig.1)

2. Rotate each spinner bracket 90°. (Fig.2)

3. Replace mounting bars by reinserting them through spinner bracket and reattaching one to another, compressing them past lock point. (Fig.3)

B. FRAME-IN KIT: (For suspended ceilings)

1. Rotate hinged bar ends to position below and fully extend bars. (Fig.4)
2. Crimp bottom of edge of channel to prevent rotation of hinged bar ends. (Fig.5)
3. Bend Non-hinged end of mounting bar at featured hole location and extend out. (Fig.6)
4. Position notched area of mounting bars onto T-Bar and lock by bending tab underneath T-Bar bead as shown. (Fig.7)

C. FRAME-IN KIT: (For wood joists)

1. Line up bottom edge of hinged mounting bar with the bottom of joist and fasten in place. (Fig.8)
2. For joist spacing less than 16" on center (to 12" on center). Mounting bar channels can be shortened and used as nailing legs in tight spaces. Simply remove inner bar from holed channel and use nails to secure it to the joist. (Fig.9)

D. WIRE-IN :

1. Open hinged J-Box door.
2. Wire to Supply leads, white fixture lead to neutral supply lead, black or red fixture lead, to hot (120V) supply lead, bare fixture wire to supply ground. Use wirenuts (local hardware item). Place all electrical connections in the J-Box and close the J-Box doors.

For fixtures with dimming compatibility:

Reference dimming frame specification sheets (LED-DIM) for a list of compatible dimmers.

E. SWING-UP:

Extended mounting bar to reach opposite joist and fasten in place. Adjust frame-in kit to desired position along mounting bar and lock in place using locking screw. (Fig.10)

F. CEILING:

Install plasterboard or other dry type ceiling. Hole in board can be cut either before or after the board is secured to the ceiling using mounting frame opening as cutting guide.

G. AIRSEAL INSTALLATION (optional)

Install a bead of silicone caulking compound between the ceiling opening and edge of housing. Housings are tested in accordance with ASTM E283 (max 2 ft³/min @ 75 Pa) and comply with WESC & MEC when installed as instructed. Note: Light engine and trim are sold separately. (Fig.11)

H. DRIVER REPLACEMENT : (Fig.11)

Note: Driver replacement must be performed by a qualified electrician.

1. Turn off power to luminaire.
2. Remove trim, and light engine by loosening the two screws in casting. **CAUTION-HEAVY ASSEMBLY: Alternate between screws and support during removal.**
3. Disconnect connector on light engine.
4. Loosen wing nut, pull driver through ceiling opening and cut primary wires.
5. Connect replacement driver with wire nuts.
6. Re-install driver, connector, light engine and trim.

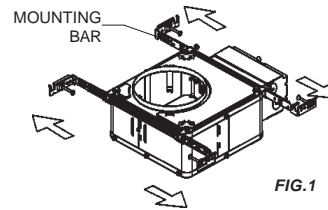


FIG.1

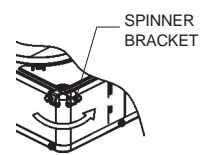


FIG.2

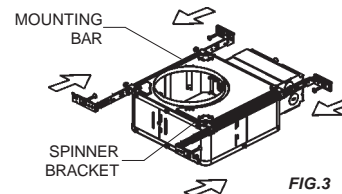


FIG.3

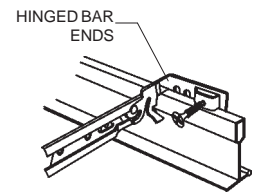


FIG.4

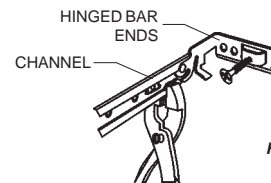


FIG.5

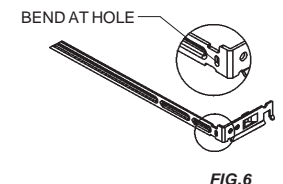


FIG.6

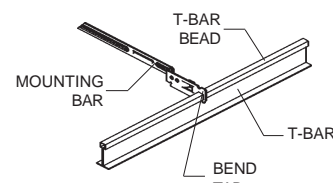


FIG.7

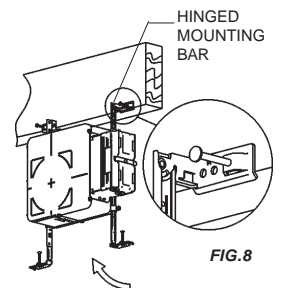


FIG.8

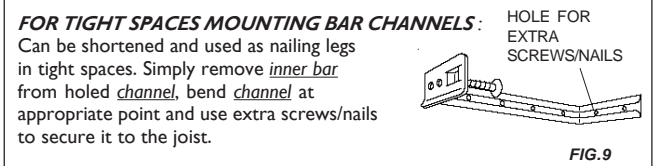


FIG.9

FOR TIGHT SPACES MOUNTING BAR CHANNELS :

Can be shortened and used as nailing legs in tight spaces. Simply remove inner bar from holed channel, bend channel at appropriate point and use extra screws/nails to secure it to the joist.

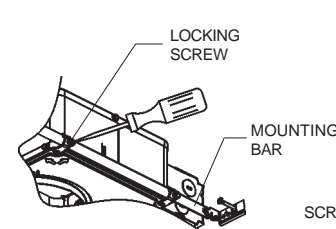


FIG.10

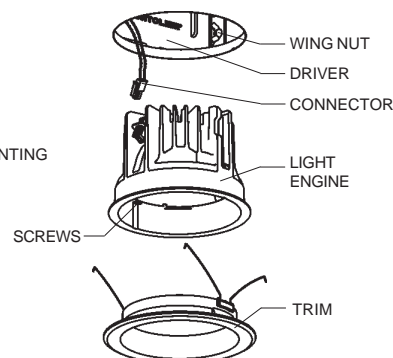


FIG.11