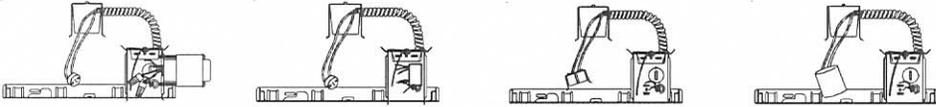


## INSTALLATION INSTRUCTIONS 12V LOW VOLTAGE AND 120V MOUNTING FRAME

**Read and understand these instructions before installing the luminaire.**

**CAUTION:** Branch circuit conductors must be rated 90°C. To prevent electrical shock turn off electricity and check your local electrical code and regulations. Consult a qualified electrician before installing.

**WARNING:** - Risk of fire: Transformer contains luminaire thermal protector. Use only replacement transformer obtained from Lightolier CFI.



### A. MOUNTING BAR: For new ceilings

**Note-1:** The mounting bars are extensible from 12-1/2" to 27-1/4" max. for 302MRX, 302MREX, 302ESX, 502X models and 29" for 402MRX, 402MREX models.

**Note-2:** For off-centre installation, use the 20" expandable mounting bars (N°1964, order separately).

1. Insert the mounting bars into the proper openings on the short side or the long side of the mounting frame. (Fig.2)
2. Align the mounting bar with the bottom edge of the wood joist. (Fig.1)
3. Push in the built-in nailer. (Fig.1)

### B. MOUNTING BAR: For a T-Bar ceilings

1. Position the notch in the mounting bar on top of the T-bar frame. (Fig.6)
2. Fasten with the metal wire or other. (Fig.6)  
**Note:** When used with the 20" expandable mounting bars (N°1964), use the anchor clip for T-bar frame (N°1956, order separately). (Fig.7)

### C. MOUNTING FRAME:

1. Install the locking clip. (Fig.3)  
**Note-1:** The locking clip is also available separately (N°0098, order separately).  
**Note-2:** To lock more securely into place fold the locking tabs. (Fig.2)

### D. WIRE-IN:

1. Remove the appropriate "Pry-out plug". (Fig.4)
2. Insert the supply lead into the junction box:  
a) If using FLEXIBLE CONDUIT: Use a BX connector (not provided). (Fig.4)  
b) If using NON-METALLIC SHEATHED CABLE: Insert under the wire clamp. (Fig.4)
3. Connect the ground lead.
4. Connect the white leads (NEUTRAL) together, and the black leads (120V or 347V) or the red leads (277V) together.

### E. CEILING:

1. Cut a hole in the ceiling (3-3/4" for Model 302 or 4-3/4" for Model 402 or 4-1/4" for Model 502), using the mounting frame as template (if applicable). (Fig.5)  
**CAUTION:** The socket must not be used for temporary lighting, a protective glass is required for the lamp, for the series 302, and 402 mounting frame

### TRIM:

Install the trim using the appropriate sheet.

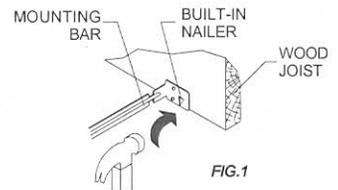


FIG.1

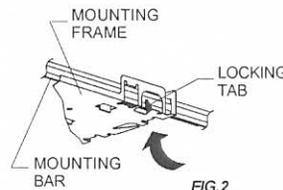


FIG.2



FIG.3

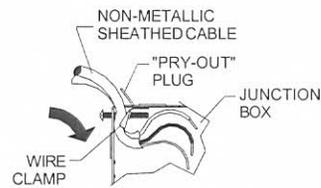


FIG.4



FIG.5

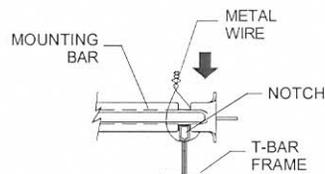


FIG.6

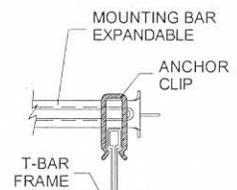


FIG.7