

INSTALLATION INSTRUCTIONS 12V LOW VOLTAGE AND 120V MOUNTING FRAME

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 ensure 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.

302MR - 402MR

302ES

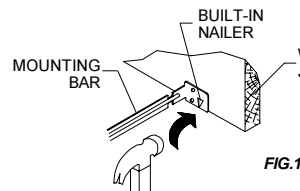
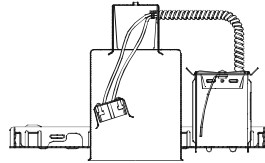
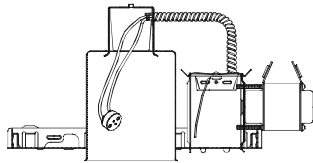


FIG.1

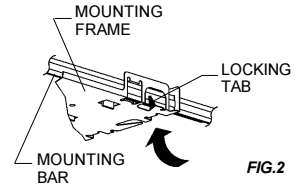


FIG.2

A. MOUNTING BAR: For new ceilings

Note-1: The mounting bars are extensible from 12-1/2" to 27-1/4" max. for 302MR, 302ES model and 29" for 402MR model.

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)

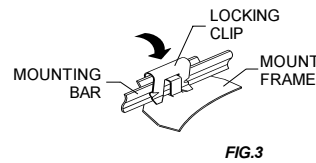


FIG.3

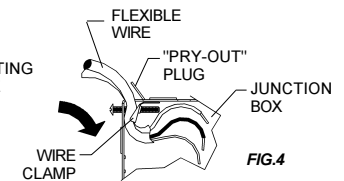
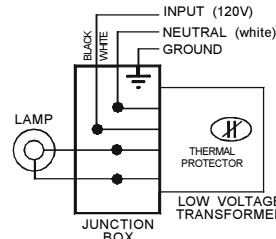
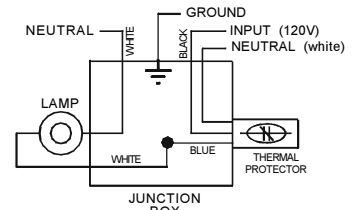


FIG.4

B. MOUNTING BAR: For a T-Bar ceilings

1. Position the notch in the mounting bar on top of the T-bar frame. (Fig.10)
 2. Fasten with the metal wire or other. (Fig.10)
- Note:** When used with the 20" expandable mounting bars (N°1964), use the anchor clip for T-bar frame (N°1956, order separately). (Fig.11)

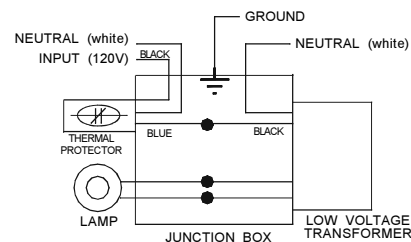

FIG.5
(302MR)

FIG.6
(302ES)

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".
2. Insert the supply lead into the junction box:
 - a) If using FLEXIBLE CONDUIT: Use a BX connector (not provided).
 - b) If using FLEXIBLE WIRE: Insert under the wire clamp. (Fig.4)
3. Connect the ground lead. (Fig.5,6,7)
4. Connect the white leads (NEUTRAL) together, and the black leads (120V) together. (Fig.5,6,7)


FIG.7
(402MR)

E. CEILING:

1. Cut a hole in the ceiling (3-3/4" for Model 302 or 4-3/4" for Model 402), using the mounting frame as template (if applicable). (Fig.8)
 2. Use the screws to adjust the housing height. **Note:** Ensure that the housing is level with the ceiling. (Fig.9)
 3. Tighten the screws when completed. (Fig.9)
- CAUTION:** The socket must not be used for temporary lighting, a protective glass is required for the lamp.

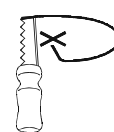


FIG.8

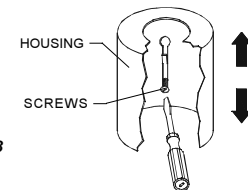


FIG.9

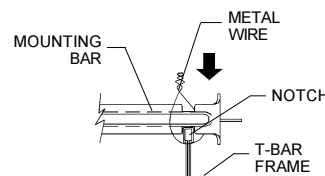


FIG.10

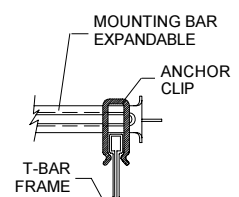


FIG.11

TRIM:

Install the trim using the appropriate sheet.

NOTE: WARNING RISK OF FIRE

Transformer contains fixture thermal protector. Use only replacement transformer obtained from LIGHTOLIER.