

## INSTALLATION INSTRUCTIONS FOR 12V LOW VOLTAGE AND 120V REMODELER

**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.

Mounting Frame	Cut-Out		
	3-3/4" (95mm)	4-1/4" (108mm)	4-3/4" (121mm)
300MRX	x		
300MRSPX	x		
300ESX	x		
303MRE **	x		
3401MREX	x		x
400MRX			x
501X		x	

Note: Valid for 1-1/8" max. thickness of ceiling  
\*\* Note: Valid for 1" max. thickness of ceiling

### A. CEILING:

1. Cut an opening as indicated above. (Fig.1)

Note: Ensure that there is nothing to obstruct the installation in the ceiling.

### B. WIRE-IN:

1. Open junction box cover. (Fig.2)
2. Insert the supply lead into the junction box with a BX connector (not included).
3. Ground the fixture.
4. Connect the white leads (NEUTRAL) together, and the black leads (120V) or the red leads together.
5. Close cover. (Fig.2)

Note: Be careful not to pinch leads.

### C. MOUNTING FASTENERS FOR 303MRE

1. Press springs inwards on housing. (Fig.4)
2. Insert mounting frame in the appropriate opening.
3. Tighten the 2 screws on the housing to adjust the housing flange to the ceiling. (Fig.5)

**CAUTION:** The housing must not be used for temporary lighting, a protective shield is required for the lamp, for the serie 300.

### D. TRIM:

1. Install the trim using the appropriate instruction sheet.

### E. TRANSFORMER / REPLACEMENT:

(Models 3401MRE, 303MRE,)

Note: Before performing maintenance on the transformer, make sure that the electrical supply to the fixture is turned off.

1. Remove the junction box cover and disconnect all wiring connected to the transformer.
2. The transformer is held by double sided tape, rotate with screwdriver under the transformer to loosen it. (Fig.4)
3. Install the new transformer and connect the white leads (NEUTRAL) together, and the black leads (120V) or the red leads (277V) together.

### NOTE: WARNING RISK OF FIRE

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



FIG.1

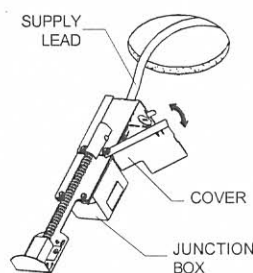


FIG.2

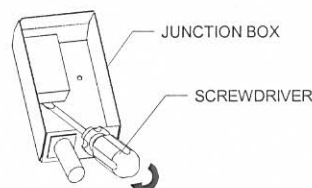
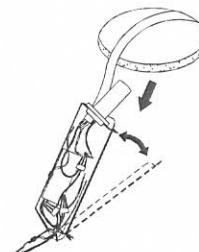


FIG.3

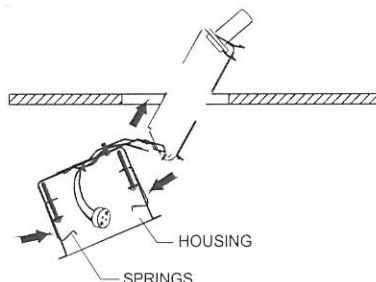


FIG.4

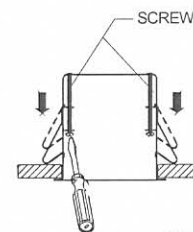


FIG.5