

6" IC HOUSING FOR VERTICAL COMPACT FLUORESCENT

CATALOG # IC TYPE: 17017AEB13, 17008AREB13, 17017AEB18, 17008AREB18, 17017AEB26, 17008AREB26, 17007AEBM13, 17007AEBM18, 17007AEBM26, 17010AEBM, 17012EBM2X13, 17012AEBM2X18, 17008AREBM13, 17008AREBM18, 17008AREBM26, 17010AEBM2642

To insure safe and reliable operations, make sure the fixture corresponds to the proper ceiling installation, Read following material carefully before beginning installation.

In general these instructions apply to "round" housings. In most cases drawings of "round" housings have been used to illustrate installation procedures. Before attempting installation of any recessed lighting fixture check your local electrical code. This code sets the wiring standards for your locality and should be carefully studied before starting work.

WARNING-RISK OF FIRE. MOST DWELLINGS BUILT BEFORE 1985 HAVE SUPPLY WIRE RATED 60° C CONSULT A QUALIFIED ELECTRICIAN BEFORE INSTALLING.

IF SUPPLY WIRES ARE LOCATED WITHIN THREE INCHES OF BALLAST, USE WIRE RATED FOR AT LEAST 90° C

NEW CONSTRUCTION INSTALLATION

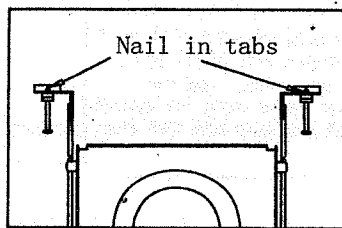


Fig A

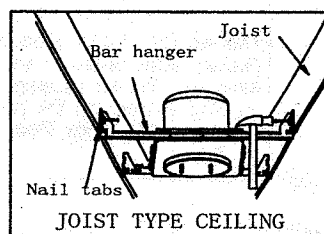


Fig B

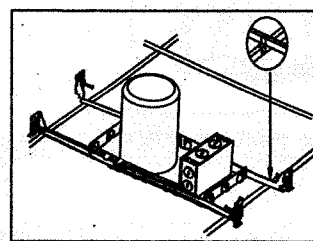


Fig C

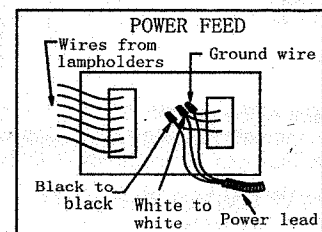
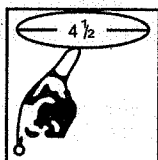
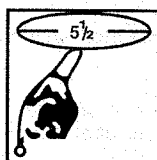


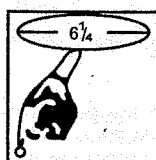
Fig D



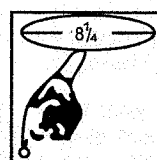
4" HOUSING



5" HOUSING



6" HOUSING



8" HOUSING

Fig E

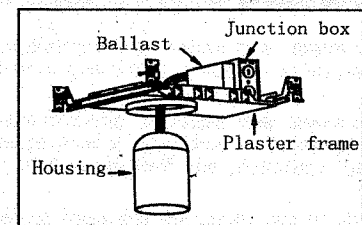


Fig F

1. BAR HANGERS

Insert bar hangers into the slots on the plaster frame (Fig.A). Position bar hangers so that nail in tabs point away from housing or point down to ceiling

2. FASTENING FIXTURE TO CEILING

Joist-type ceiling—extend bar hangers to fit between joists. Position fixture temporarily by hammering "nail-in" tabs into joists (Fig.B), then secure permanently with nails. Hangers should be level with bottom of joists. Suspended (T-bar) ceilings—extend barhangers 1" past T-bars, then rest fixture on T-bars. Secure fixture to T-bars with wire.

3. ELECTRICAL CONNECTION

Junction box contains two wires. A black (hot+) and a white (neutral-). Which must be spliced to the house current to feed wires. Make sure to splice white to white and colored or black to black. After splicing has been completed, tuck splices carefully into junction box and replace cover (Fig.D).

Grounding

For Romex or 3 wire BX. Flexible Armour cable installations. Attach supply ground lead (green) to bare copper ground lead or ground screw in wiring box mounted on plaster frame. Local electrical codes should be consulted to determine acceptable installation—conduit Romex, or flexible Armour cable.

4. CUTTING A HOLE

Locate the center of proposed opening on your tile or ceiling material and mark it.

Rounds: Use a compass to draw a circle as shown above diameter around the center point. Cut along this circular line (Fig. E).

After cutting openings, attach ceiling material to joists or place on T-bars. (Housings may be adjusted "up" or "down" as desired to bring bottom edge of housing level with bottom surface of ceiling material. To complete the installation, screw in recommended light bulb and attach trim.

5. REPLACEMENT OF BALLAST

If the ballast is not working properly, consult a qualified electrician to replace it with the same ballast type as originally installed using the following process (Fig.F):

- Remove lamp and trim
- Remove three screws in the housing and remove the housing. Pull off the J-box housing cover that contains the ballast and lamp holder terminal.
- Disconnect the wires by removing the wire nuts. Do not cut wires!
- Remove ballast from the J-box cover by unscrewing two nuts.
- Install new ballast to the junction box cover and reconnect wires using wire nuts as before.
- Put the J-box cover back on the J-box.
- Replace trim and lamp.