

NICOR

8" NON IC HOUSING FOR VERTICAL COMPACT FLUORESCENT

CATALOG # NON IC TYPE: 17802EBM2X26, 27800EBM2X26, 27806EBM2X26, 27800EBM2X2642, 27808EBM2X3242, 17802EBM26, 27800EBM26, 17801EBM26, 27805EBM26, 17802EBM2642, 27800EBM2642, 17801EBM2642, 27805EBM2642, 17802EBM2X13, 27800EBM2X13, 27806EBM2X13, 17802EBM18, 27800EBM18, 17801EBM18, 27805EBM18, 17802EBM2X18, 27800EBM2X18, 27806EBM2X18, 17802EBM2X2842

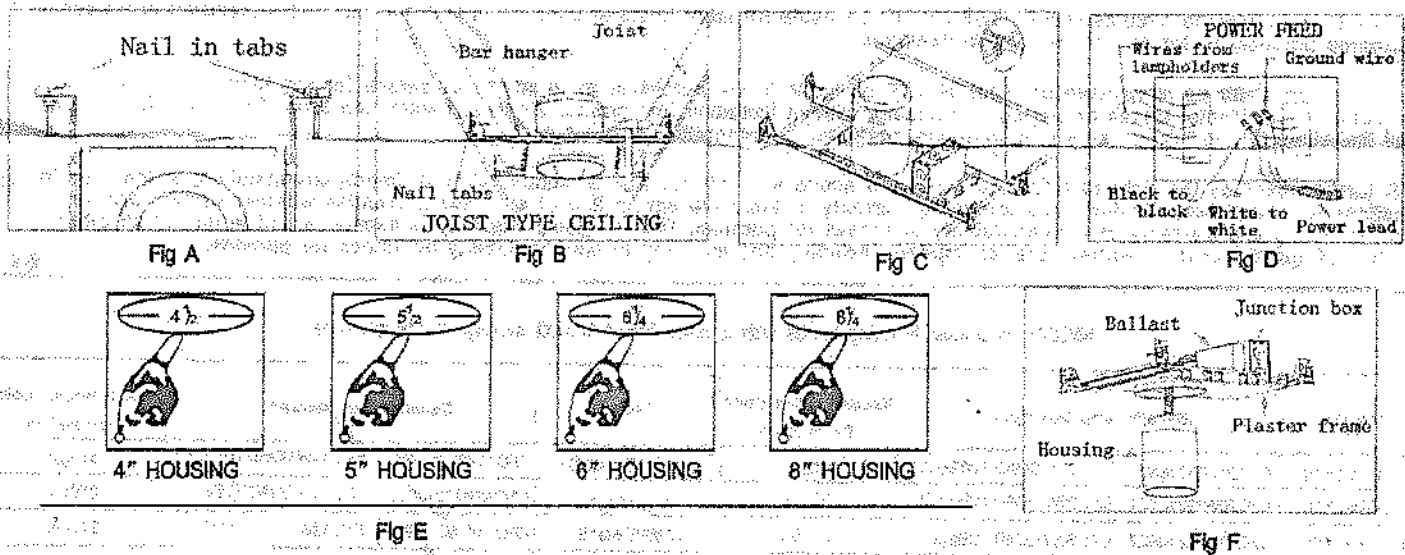
To insure safe and reliable operations, make sure the fixture corresponds to the proper ceiling installation; Read following material carefully before beginning installation.

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

AVERTISSEMENT-RISQUE DE FEU. LA PLUPART DES BÂTIMENTS CONSTRUITS AVANT 1985 COMPRENNENT DES FILS D'ALIMENTATION ÉVALUÉS À 60 C. CONSULTER UN ÉLECTRICIEN QUALIFIÉ AVANT DE FAIRE L'INSTALLATION POUR LES CONNEXIONS D'ALIMENTATION, UTILISER DES FILS ÉVALUÉS D'AU MOINS 90 C.

NEW CONSTRUCTION INSTALLATION



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 bar hangers 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.

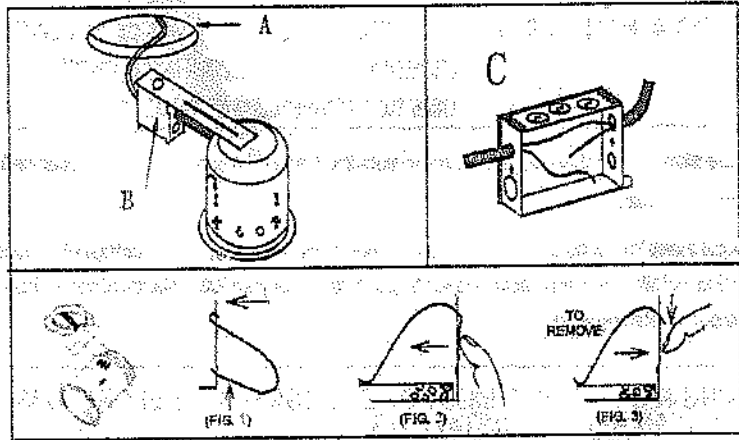
5. REPLACEMENT OF BALLAST

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.

REMODEL HOUSING INSTALLATION

1. Carefully cut a 8 1/4" diameter hole in ceiling (A)
2. Pull supply wires through opening and make electrical connections. Refer to "electrical connections" section below (B)
3. Electrical connections: Remove cover from junction box. Feed supply wires through one of the knockouts. Connect supply black (or red) to fixture black. Supply white to fixture white. Connect supply ground to green ground screw (C) carefully place splices in J-box and replace cover.
4. Insert the housing in ceiling cutout as illustrated.
 - With clips seated properly in can (fig.1)
 - Insert remodel housing into ceiling, junction box first
 - Hold fixture up against ceiling and push clip through housing slot (fig.2)
 - To lock clip in place push flat portion against side of can (fig.2)
 - To release pull down on clip (fig.3)
5. Install trim.
6. Attach TRIM.
7. Install bulb (not provided)



2-YEAR LIMITED WARRANTY

NICOR warrants that products sold will, upon shipment, be free of defects in workmanship or material under normal and proper usage. should any failure to conform to this warranty become apparent during the warranty period, two (2) years from date of shipment, NICOR must be notified promptly in writing. NICOR's liability is limited to, at its option, either repair or replacement only of the defective part.

In no event, and under no circumstances, shall NICOR be liable for labor costs in connection with the installation, removal or replacement of warranted products or for any consequential damages.

In no event, and under no circumstances, shall NICOR be liable to the purchaser or to any other person for any indirect, special, consequential or incidental losses or damages including, without limitation, lost profits. As used herein, the term "person" shall include, without limitation, any individual, sole proprietorship, partnership, corporation or other entity.

NICOR further reserves the right to refuse to honor the above warranty for any product(s) altered, improperly installed, or installed in applications for which not intended. The foregoing warranty is exclusive and in lieu of all other warranties whether written, oral or implied, including any warranty of merchantability or fitness for purpose. The foregoing warranty is exclusive and in lieu of all other warranties of quality whether written, oral or implied, including any warranty of merchantability or fitness for purpose.

NICOR recommends using lamps with a rated life of 10,000 average hours or more.

Product	Generic lamp Description		Recommended Color Designation	Product	Generic lamp Description		Recommended Color Designation
17802EBM2X26	CFQ26W/G24q/827	CFL 26W QUAD TUBE(x2)	2700K	27808EBM2X13	CFQ13W/G24q/827	CFL 13W QUAD TUBE(x2)	2700K
27800EBM2X26	CFQ26W/G24q/827	CFL 26W QUAD TUBE(x2)	2700K	17802EBM18	CFQ18W/G24q/827	CFL 18W QUAD TUBE	2700K
27808EBM2X26	CFQ26W/G24q/827	CFL 26W QUAD TUBE(x2)	2700K	27800EBM18	CFQ18W/G24q/827	CFL 18W QUAD TUBE	2700K
27800EBM2X2642	CFTR42W/G24q/830	CFL 42W TRIPLE TUBE(x2)	3000K	17801EBM18	CFQ18W/G24q/827	CFL 18W QUAD TUBE	2700K
27808EBM2X3242	CFQ42W/G24q/830	CFL 42W TRIPLE TUBE(x2)	3000K	27805EBM18	CFQ18W/G24q/827	CFL 18W QUAD TUBE	2700K
17802EBM26	CFQ26W/G24q/827	CFL 26W QUAD TUBE	2700K	17802EBM2X18	CFQ18W/G24q/827	CFL 18W QUAD TUBE(x2)	2700K
27800EBM26	CFQ26W/G24q/827	CFL 26W QUAD TUBE	2700K	27800EBM2X18	CFQ18W/G24q/827	CFL 18W QUAD TUBE(x2)	2700K
17801EBM26	CFQ26W/G24q/827	CFL 26W QUAD TUBE	2700K	27808EBM2X18	CFQ18W/G24q/827	CFL 18W QUAD TUBE(x2)	2700K
27805EBM26	CFQ26W/G24q/827	CFL 26W QUAD TUBE	2700K				
17802EBM2642	CFTR42W/G24q/830	CFL 42W TRIPLE TUBE	3000K				
27800EBM2642	CFTR42W/G24q/830	CFL 42W TRIPLE TUBE	3000K				
17801EBM2642	CFTR42W/G24q/830	CFL 42W TRIPLE TUBE	3000K				
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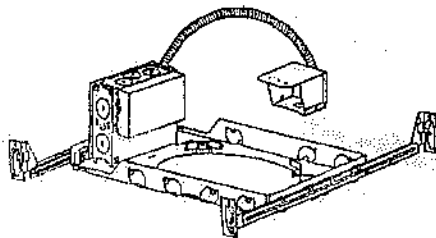
NICOR LIGHTING 2200 MIDTOWN PLACE NE SUITE A, ALBUQUERQUE, NM87107

INSTALLATION INSTRUCTIONS HORIZONTAL COMPACT FLUORESCENT

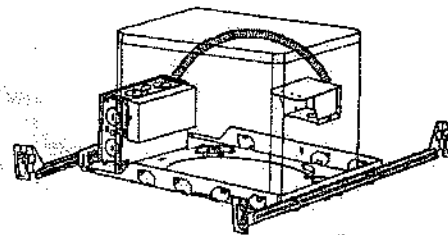
ATTENTION: Read and understand these instructions before installing fixture. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electrical shock, turn off electricity at fuse box before proceeding. **Retain these instructions for maintenance reference.**

CAUTION: Do not install the fixture on a branch circuit that has a Ground Fault Circuit Interrupter "(GFCI). Electronic ballasts may cause" GFCI tripping.
Turn off electricity before installation or relamping to restore ballast.

NON-IC



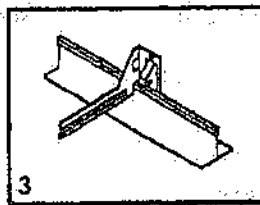
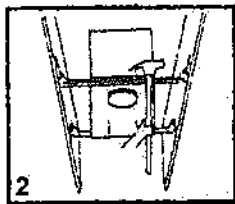
I.C.



NEW CONSTRUCTION INSTALLATION

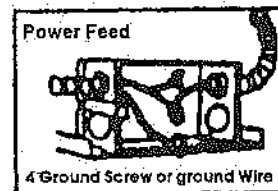
1. FASTENING FIXTURE TO CEILING

- Joist-type ceiling - extend bar hangers to fit between joists. Position fixture temporarily by hammering "Nail" into joists. (Drawing 2), then secure permanently with nails. Hangers should be level with bottom of joists.
- Suspended (T-bar) ceilings - extend bar hangers 1" past T-bars, then rest fixture on T-bars. Secure fixture to T-bars with wire. (drawing 3)



2. ELECTRICAL CONNECTION

Junction box contains two wires, a black (hot+) and a white (neutral-) which must be spliced to the house current 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 (drawing 4)



Grounding

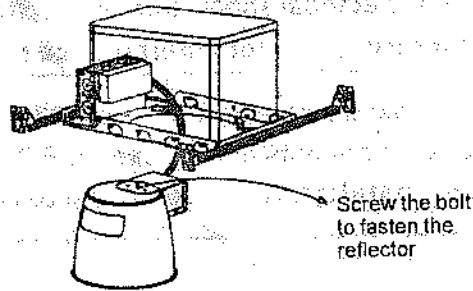
For Romex or 3 wire BX flexible Armour cable installations attach supply groundlead (green) to bare copper groundlead or ground screw in wiring box mounted on plaster frame. Local electrical codes should be consulted to determine acceptable installation - conduit Romex, or flexible Armour cable.

3. CUTTING A HOLE

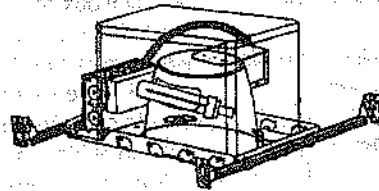
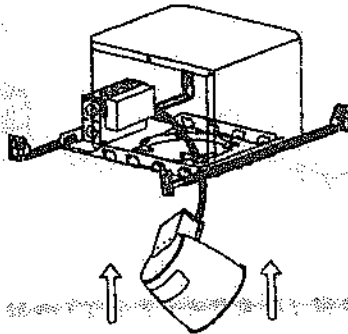
Locate the center of proposed opening on your tile or ceiling material and mark it.
Rounds: Use a compass to draw a circle 6 1/2" (6" fixture) or 8 1/8" (8" fixture) in diameter around the center point. Cut along this circular line. After cutting openings, attach ceiling material to joists or place on T-bars. (Housings may be adjusted "up" or "down" as desired, to bring bottom edge of housing level with bottom surface ceiling material. To complete the installation, screw in recommended light bulb and attach trim.

Trim & lamp Installation

1. Pull socket box through hole of the mounting frame.
Assemble the socket box on the reflector using the bolts on the socket box.

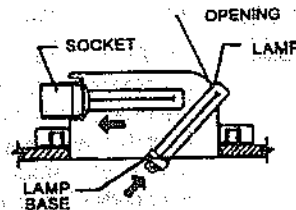


2. Push the reflector into the fixture



3. Insert the lamp tip through the hole on the opposite side of the socket

4. Align the pins of the lamp base with socket and push.



Note: To relamp, pull the lamp straight out of reflector opening and remove lamp base first.

Attention: For electronic ballast, Turn off electricity before relamping in order to restore ballast.