

NEW CONSTRUCTION IC HOUSING -4 IN-NE -6 IN-NE

INSTALLATION INSTRUCTIONS

WARNING:

For your safety, please read carefully the instructions below stated before starting installation. The main power has to be turned off before installing the fixture. And make sure all electrical connections to be operated properly. When in doubt on the safety of any electrical operation, call in professional.

INSTALLATION IN A NEW CONSTRUCTION

Ensure no bare wire is exposed at any time. The fixture is designed to install where it may come with direct contact with the insulation. Fixture can be positioned at any point along the length of the Bar hanger. Bar hanger can be shortened to fit 12" framing.

STEP 1

Position fixture, and extend bar hangers to fit between joist (**Fig.1**). Bottom edge of the bar hangers should be level with the bottom of joist. Secure the bar hangers by hammering the special tabs (**Fig.2**).

STEP 2

To avoid fixture from any movements, fixture could be locked into place by tightening the screw placed on the frame and/or squeezing tabs into bar hanger (**Fig.3**).

INSTALLATION IN SUSPENDED CEILING

STEP 1

Cut a 6-1/2" diameter hole on ceiling file at the desired location.

STEP 2

Carefully, place the ceiling tile in T-bar grid.

STEP 3

Place fixture over opening and rest the bar hanger over tops of T-bars (**FigD**).

STEP 4

To avoid fixture from any movements, fixture could be locked into place by tightening the screw placed on the frame and/or squeezing tabs into bar hanger (**Fig.3**).

ELECTRICAL CONNECTION

1. Provide electrical service, according to your local and state electrical code. supply wire installation must be rated for at least 90°C.
2. Remove the junction box cover and the appropriate knock-out(s) to accommodate usage of proper electrical service (**Fig.5**).
3. Use proper size wire nuts (not included) to connect supply wires to wires, so all bare wires carrying current be covered completely. connect black-to-black, white-to-white and green to the bare wire inside the junction box.
4. Place all the wiring and connections inside the box and replace the junction box cover.
5. Connect the power connector of the trim to the housing. push upward fully and pressure springs will hold trim in place (**Fig.5**).

CAUTION:

DISCONNECT POWER BEFORE TO CONNECT TRIM TO HOUSING.
FAIL TO DO SO MAY PERMANENTLY DAMAGE THE LED.

Fixture is designed for installation where it may come in contact with insulation (Fig.A).

