

## INSTALLATION INSTRUCTIONS

### 4" 6" IC RECESSED HOUSING FOR NEW CONSTRUCTION

Model No.: C4-NC-ICAT-LED, C6-NC-ICAT-LED

INSTALL AND USE THIS PRODUCT FOLLOWING YOUR LOCAL ELECTRICAL CODES AND REGULATIONS

#### CAUTION

CONSULT A QUALIFIED ELECTRICIAN BEFORE INSTALLING FIXTURE

#### PREPARATION:

1. Read the instructions carefully before installing this fixture. If you are unfamiliar with electrical wiring, have a qualified licensed electrician install this fixture for you.
2. Before proceeding be sure the ceiling construction follows the requirements shown in (FIG.A)
3. Shut off electrical power at the fuse or circuit breaker panel.
4. Properly position a sturdy and stable step ladder high enough to reach the ceiling safely.

#### BAR HANGERS:

1. Install hanger bars to fixture-be sure end tab is facing outward. (Fig.B)

#### INSTALLING FIXTURE TO CEILING:

1. Joists type ceilings-Extend bar hangers to fit between joist and position fixture temporarily by hammering nail on bars into the joists Hangers should be leveled with bottom of joists (Fig.C)
2. Suspended (T-bar) ceilings-Extend bar hangers 1" past T-bars then rest fixture on t-bars. Secure fixture to t-bars with wire see (Fig.D)

#### INSTALL TRIM ASSEMBLIES:

Connect the male plug in the housing to the female plug of the trim and making sure the mating parts snap together. Insert trim into housing -Push upward fully and pressure springs will hold trim in place. (Fig.E)

#### ELECTRICAL CONNECTION:

1. Most dwellings built before 1985 have supply wire rated 60°C. Consult a qualified electrician before installing.
2. Junction box contains three wires. a black (live+) white (neutral-) and bare ground. **MAKE SURE TO CONNECT WHITE TO WHITE AND COLORED OR BLACK TO BLACK (Fig.F)**
3. After completing the wiring. (being sure the wires are placed within wiring box). snap wiring box cover closed. See Fig.G for low voltage.

#### GROUNDING:

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

#### AIR-TIGHT INSTALLATION INSTRUCTIONS

After installing the housing in the ceiling. Seal opening of ceiling and around the edge of plaster frame by gasket supplied in J-box. Then put lamp and trim into the fixture.

Fig .A

IC Housing:  
Can be installed in direct contact with insulation.



Fig.B

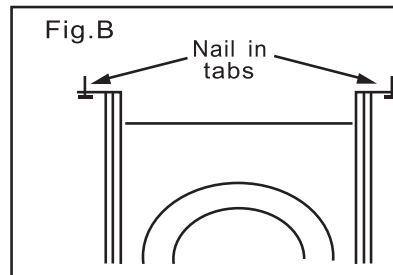


Fig.C

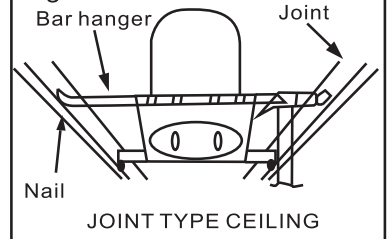


Fig. D

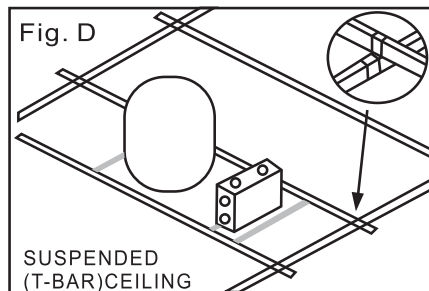


Fig. E

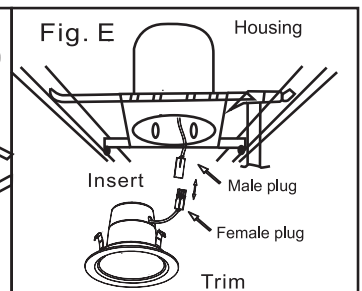
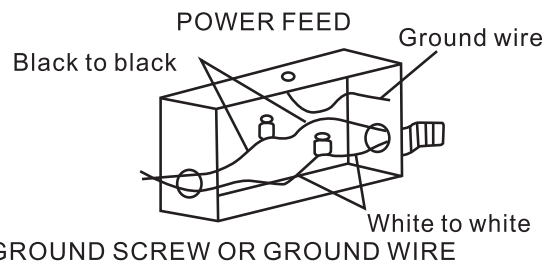


Fig. F



#### Wiring Connection in J-box for low voltage

Fig. G

