

New Construction Recessed Housing

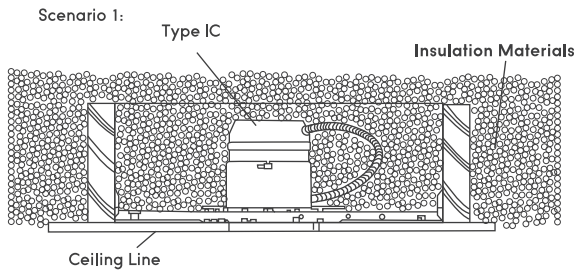
User Manual

O1 / UNPACKING CHECK

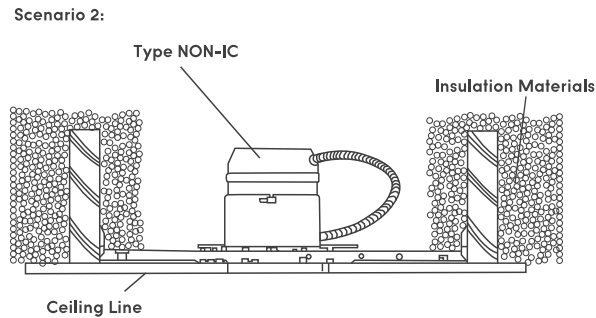
Please check and make sure there are no signs of physical damage or missing accessories to the product when unpacking. Do not install damaged products.

O2 / WARNING

1. READ ALL WARNINGS AND INSTRUCTIONS BEFORE INSTALLING THIS PRODUCT TO ENSURE SAFETY AND PROPER OPERATION. KEEP THIS MANUAL GUIDE FOR FUTURE REFERENCE.
2. Risk of the electric shock - Installation of this product requires knowledge of the electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician in accordance with the National Electrical Code and relevant local code.
3. Risk of electric shock - TURN OFF POWER AT BREAKER BOX before attempting installation or servicing.
4. Risk of fire - Supply conductors (power wire) connecting to the fixture must be rated minimum 90°C. If uncertain, please consult a qualified electrician.
5. This fixture is designed to meet the latest NEC requirements and is listed with full compliance with UL 1598.
6. Before attempting installation, check your local electrical code as it sets the wiring standards of your locality.



Type IC luminaire fixture is designed for installation where it may come in contact with insulation materials that are approved for this application (see drawing above).

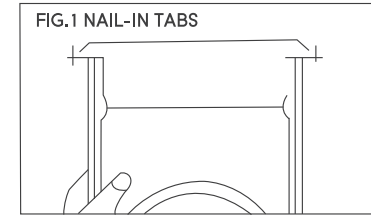


Type NON-IC luminaire fixture is designed for installation where it will not come in contact with insulation. Thermal insulation must be kept a minimum of 3" away from the housing (see drawing above).

O3 / INSTALLATION INSTRUCTIONS

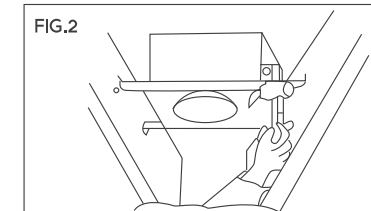
1. Bar hangers

Insert bar hangers into the slots on the plaster frame (FIG.1), the position bar hangers so that the nail-in tabs are pointing away from the housing or pointing down to the ceiling.

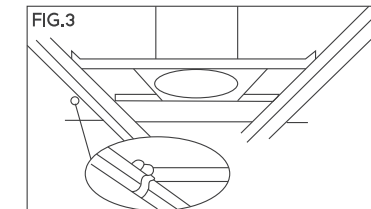


2. Fastening fixture to ceiling

Joist-type ceiling: extend bar hangers to fit between joists. Position the fixture temporarily by hammering the 'nail-in' tabs into joists (FIG.2), then secure it permanently with nails. Hangers should be level with the bottom of the joists.

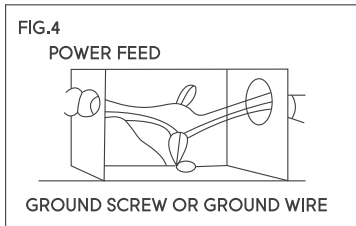


Suspended (T-bar) ceilings: extend bar hangers 1" past T-bars, then rest fixture on the T-bars. Secure fixture to T-bars with wire (FIG.3).



3. Electrical connection

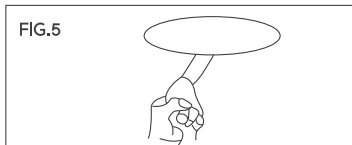
The junction box contains two wires, a black (hot) and a white (neutral) which must be spliced to the house current feed wires. Make sure to splice white wire from power supply to white wire from fixture and black wire from power supply to black wire from fixture. After splicing has been completed, tuck the wires carefully into the junction box and replace the cover (FIG.4).



Grounding: for Romex or 3-wire BX, flexible armored cable installations require attaching supply ground lead to the bare copper ground lead or the ground screw in junction box mount or mounted on the plaster frame. Local electrical codes should be consulted to determine acceptable installation-conduit for the Romex or flexible armored cable.

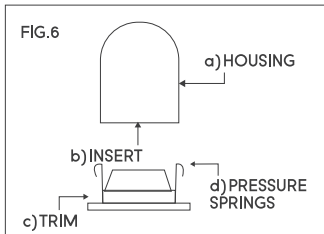
4. Cutting a hole

Locate the center of the proposed opening on your tile or ceiling material and mark a circle using the round template sticker from the sticker sheet (included in package). paste it desire cutting point as a cut-out size guide when cutting (FIG.5).



5. Installing recessed light

Insert trim into housing, push it upward till the pressure springs hold it in place (FIG.6). Refer to lamp wattage label in the housing for approved lamps and corresponding trims.



6. Installation for Air-Tight

Air-Tight housings are supplied with pre-installed gaskets.

O4 / WARRANTY

TORCHSTAR warrants that this product is free from defects in materials and workmanship for a period of 2 years from the day of purchase. If the product has been misused, damaged by accident or in any other way of improper use, this warranty becomes void.

O5 / MANUFACTURER CONTACT INFO

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TORCHSTAR