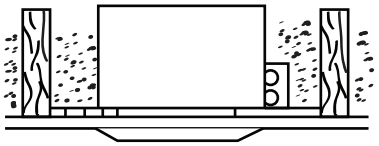
ELCO Lighting

2 HOURS FIRE RATED NEW CONSTRUCTION HOUSING INSTALLATION

Fixtures are classified for insulated ceilings-type IC, type T-and for suspended ceilings-type S. To ensure safe and reliable operations, make sure the fixture corresponds to the proper application.

IC Type



Insulated Ceiling
The insulted ceiling or I.C. approved recessed fixture is one that can be installed in direct contact with insulation

Before attempting installation of any recessed lighting fixture check your local electrical code.

Airtight installation
This housing is certified under ASTM E283 and is supplied with a pre-installed gasket or with a ready-to-install self adhesive gasket.

Step 1. Lay gasket flat and peel protective paper backing from gasket to expose adhesive side.

Step 2. Apply supplied gasket to ceiling lip and wrap gasket around inside of housing to form seal of the ceiling opening or apply caulk per state / local code. When properly installed, ELCO housings provide compliance with air-flow regulations.

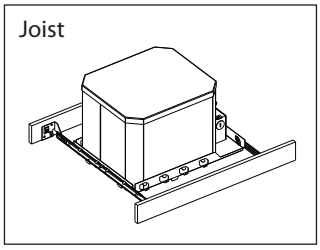
HOUSING INSTALLATION

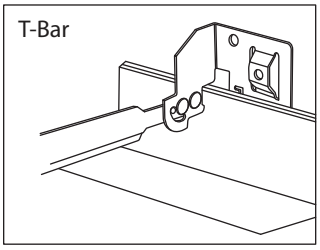
Standard Joist Ceilings:

- Use bar hangers to attach fixture between ceiling joists. Each end of the bar hanger is equipped with a nail-in barbed tab. Additional hardware such as screws or nails may be used if extra support is necessary.
- For steel studs, use steel piercing screws in place of nails or barbed tabs.
- Remove shipping screw from underneath side of plaster frame.

T-Bar Ceilings:

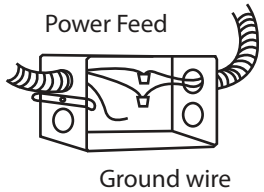
- If mounting to a T-Bar type ceiling, mount fixture onto grid by placing notches on the bottom of each end of the bar hanger over the grid.
- Tie fixture to grid with structural wire going through both the circular knockout on the end of the bar hanger and nearest accompanying knockout on the ceiling grid.





ELECTRICAL CONNECTION

Junction Box Wiring

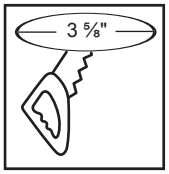


Connect -
- Black - Line
- White - Neutral
- Green Grounding J-Box Wire - Copper or green grounding wire

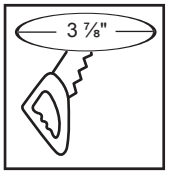
Connect 1/2 inch trade size steel conduit to junction box with appropriate fitting. If using Romex, use rectangular pry-out strain reliefs located on upper corners of junction box.

CUTTING A HOLE

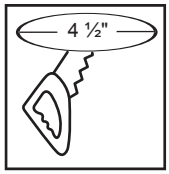
Locate the center point on your tile or ceiling material and mark it.
Use a compass to draw a circle around the center point.
Cut along this circular line.



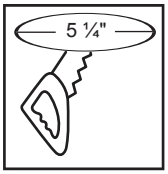
3.5" HOUSING



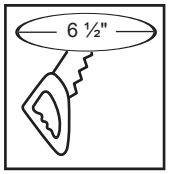
3.7" HOUSING



4" HOUSING

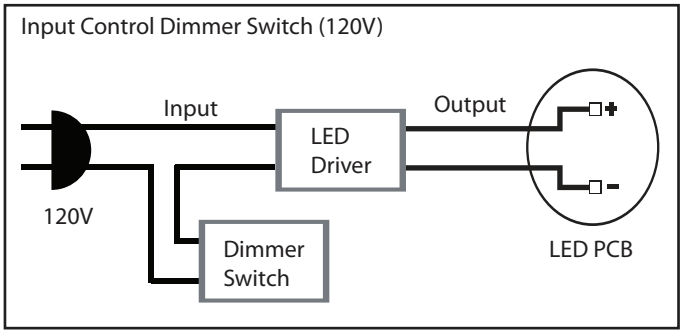


5" HOUSING



6" HOUSING

WIRING FOR USING DIMMER



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