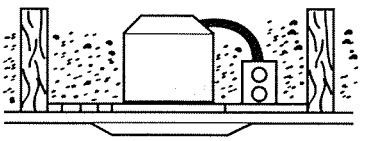
LED RECESSED LUMINAIRE

Fixtures are classified for insulated ceilings-type IC and type T-and for suspended ceilings-type S. To insure safe and reliable operations. Make sure the fixture corresponds to the carefully before beginning installation

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 befor starting work

IC Type



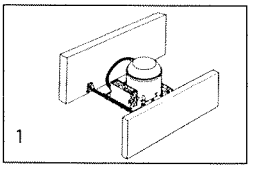
Insulated Ceiling
The insulted ceiling or I.C. approved recessed fixture is one that can be instalied in direct contact with insulation

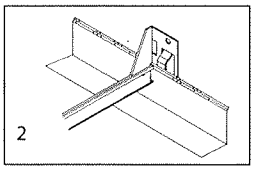
NEW CONSTRUCTION INSTALLATION.

1.FASTENING FIXTURE TO CEILING

Joist-type ceiling-extend bar hangers to fit between joists. Position fixture temporarily by hammering "Nail" into joists. (Drawing 1), then secure permanently with nails. Hangers should be level with bottom of joists.

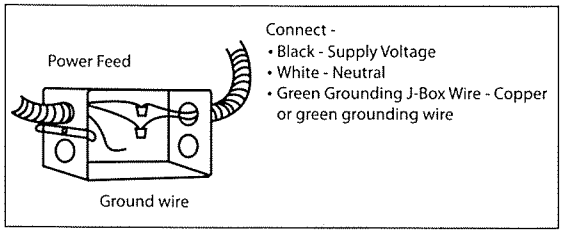
Suspended(T-bar)ceilings-extend bar hangers 1" past T-bars, then rest fixture on T-bars. Secure fixture to T-bars with wire (drawing 2)



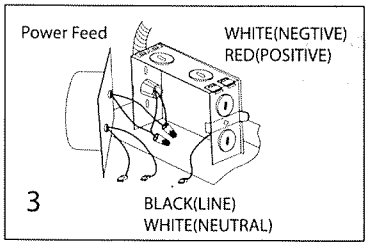


2.ELECTRICAL CONNECTION

1) Housings without LED driver



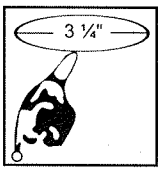
2) Housings with LED driver
Junction box contains two wires. A black(hot+) and a wite (neutral-)which must be spliced to the house current feed wire. Make sure to splice white to white and colored or black to black. After splicing has been completed, tuck splices carefully into junction box and replace cover (drawing3)



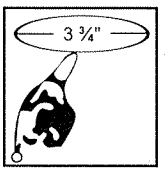
3) Grounding
For Romex or 3 wire BX. flexible Armour cable instadllations attach supply groundlead(green) to bare copper groundlead or ground screw in wiring box mounted on plaster frame. Local electrical codes should be consulted to determine acceptable installation-conduit Romex, or flexible Armour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

3.CUTTING A HOLE

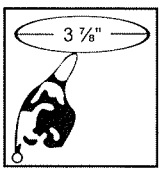
Locate the center of proposed opening on your tile or ceiling material and mark it.
Rounds : Use a compass to draw a circle shown below diameter around the center point. Cut along this circular line



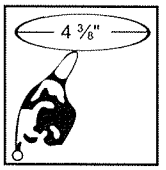
3" HOUSING



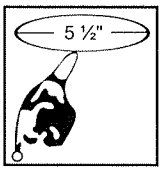
3.5" HOUSING



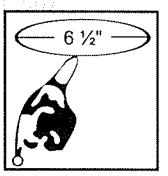
3.7" HOUSING



4" HOUSING



5" HOUSING



6" HOUSING

4. DIMMER SWITCH WIRING

