



## INSTALLATION INSTRUCTIONS

5" RECESSED HOUSINGS FOR NEW CONSTRUCTION  
CAT # IC TYPE : E-RIN5AT, E-RFN513UAT, E-RFN526UAT  
NON-IC TYPE : E-RIN5TP, E-RFN526UTP

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. Joist type ceilings - Extend bar hangers to fit between joists and Position fixture temporarily by hammering nail on bars into the joists. Hangers should be level 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)

#### ELECTRICAL CONNECTION :

1. This fixture must be connected with supply wire rated at 90°C (NON-IC) or 75°C (IC). Most dwellings built before 1985 have supply wire rated at 60°C.
2. Junction box contains three wires, a black (hot +) white (neutral -) and bare ground.

**MAKE SURE TO CONNECT WHITE TO WHITE AND COLORED OR BLACK TO BLACK. (Fig. E)**

3. After completing the wiring, (being sure the wires are placed within the wiring box), snap wiring box cover closed.

See Fig. F for electronic ballast.

#### TRIM ASSEMBLES : (Fig. G & H)

Install trim by one of the following methods :

**TORSION SPRING :** Squeeze the arms together and insert then into the slotted tabs on the side of housing. Push upward fully so springs will hold trim in place.

**PRESSURE SPRING :** Some trims has three pressure springs packed in poly bag. install spring clips evenly around the edge of housing then push trim in place.

**COIL SPRINGS :** (Fig I).

You must bend the slotted tabs back up out of the way (Just push upward with finger). Then hook the two coil springs into the two keyhole slots on the socket plate.

#### EYEBALL & CONE TRIMS :

Before installing trim, the lamp holder must be attached to the top of the trim. Remove plate by loosening dumb nut. unfasten lamp holder from plate and snap into hole at the top of the eyeball trim. (Fig. J) Install trim by using pressure spring instructions listed above.

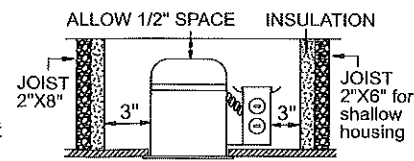
#### INSTALL LAMP

select proper lamps according to lamp replace label in housing.

Fig. A

#### Non- IC Housing :

Insulation must not be used in direct contact with fixture. Insulation needs to be at least 3" away from the fixture.



#### IC Housing :

Can be installed in direct contact with insulation.

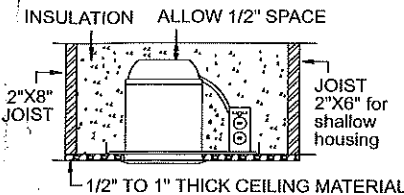


Fig. B

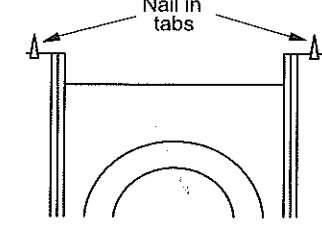


Fig. C

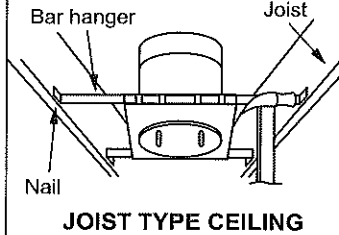


Fig. D

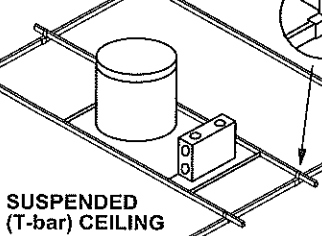


Fig. E

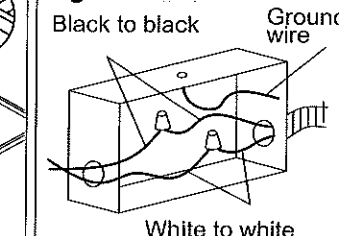


Fig. F

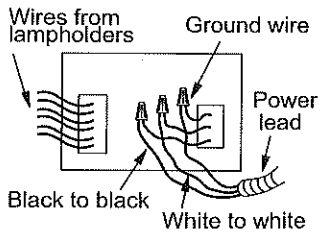


Fig. G

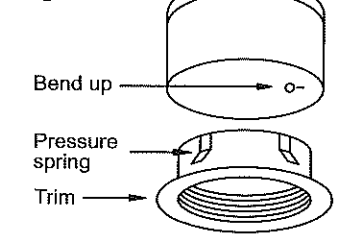


Fig. H

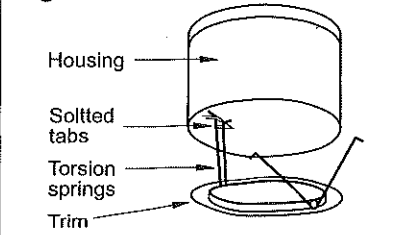


Fig. I

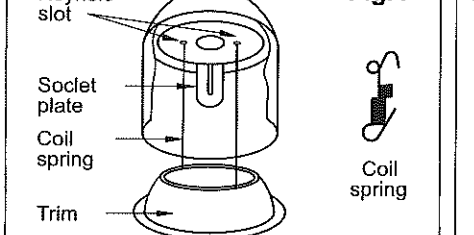
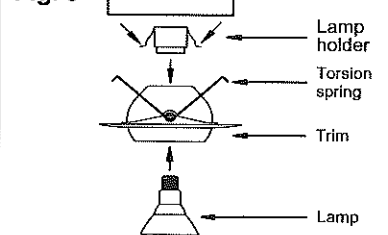


Fig. J



**AIR-TIGHT INSTALLATION INSTRUCTIONS :** (IC type only) 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.