

READ ALL THE INSTRUCTIONS

INSTALLATION & OPERATION INSTRUCTIONS - 4" REMODEL RECESSED LIGHTING KIT

TOOLS & MATERIALS REQUIRED

- Screwdriver
- Insulated Pliers
- Pencil
- Keyhole Saw
- Wiring Supplies
- Ladder

CAUTION

Before assembling your lighting fixture, refer to the section titled **ELECTRICAL CONNECTIONS**. If you feel you do not have electrical wiring experience, refer to a do-it-yourself wiring handbook or have your fixture installed by a qualified licensed electrician.

GENERAL

1. To ensure the success of the installation, be sure to read these instructions and review the diagrams thoroughly before beginning (**NOTE: ALL REFERENCED FIGURES ARE LOCATED ON THE PROVIDED TEMPLATE**)
2. All electrical connections must be in accordance with local codes, ordinances, and the National Electric Code. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified licensed electrician.
3. This fixture is either an IC type or Non-IC type fixture. Please review the packaging to determine your fixture type.
A Non-IC type fixture is intended for use in recessed cavities or suspended ceilings where the recessed portions of the fixture, other than at points of support, are at least 1/2" from combustible material as well as 3" from thermal insulation. (Fig. 1)
An IC type fixture is intended for use in recessed cavities or suspended ceilings where the recessed portions of the fixture, other than at points of support, are at least 1/2" from combustible material but may come in direct contact with thermal insulation.
4. Always double check your intended locations prior to making holes in the ceiling for installation.
5. Before starting the installation, disconnect the power by turning off the circuit breaker or by removing the appropriate fuse at the fuse box. Turning the power off by using the light switch is not sufficient to prevent electrical shock.
6. Check if the power source is suitable for the added electrical load. Power should be supplied by a 120 volt, 60 Hz single circuit. The connection box should be directly supported by the building structure. A standard 120 volt, 15 amp branch circuit is designed to carry a maximum load of 1800 watts. We recommend that the total wattage of all the lights and appliances, on that circuit, not exceed 80% of 1440 watts of the maximum electrical capacity.
7. If the power source is suitable, but not at the same intended location of the fixture, run the appropriate wiring (not included) to the intended location. Leave an additional 18" of wiring, per fixture, for installation in a pre-existing ceiling with no or limited access.

UNPACK THE FIXTURE

Check the contents of the box. You should receive:

- 1 - Housing (can)
- 1 - Template
- 1 - Trim assembly
- 4 - "C" clips
- 1 - MR16 Bulb
- 1 - Glass

PREPARE THE FIXTURE AND MOUNTING LOCATION

NOTE: First turn off electricity

Remodeling with room access only

1. Choose the location for the fixture, taking into consideration the location of the joists, the 6 1/2" depth clearance, electrical supply, and the 1/2" clearance from the joists or any other combustible material.
2. The fixture must be situated in a manner that allows access to the junction box. Cut a 4-1/2" hole into the ceiling after choosing the appropriate location. A template is provided to assist in cutting the hole. (Fig. 2)
3. Pull the additional 18" of wiring from the hole into the room.

ELECTRICAL CONNECTIONS

4. Remove the snap-lock cover of the junction box.
A. FOR ELECTRICAL FLEXIBLE CONDUIT - Break off the appropriate sized knockout using a screwdriver. Feed the conduit through the knockout hole, being sure to use the appropriate sized snap-in connector to lock the conduit into the junction box.
B. FOR NM-B CABLE - Break off one of the tabs using a screwdriver. Insert the NM-B cable into the slot until 6" of length enters the junction box. (See Fig. 3 inset.) Strip 3" of the cable's plastic sheath and remove the paper over-wrap.
5. Connect the white wire(s) from the fixture to the white wire (neutral) of the supply circuit. Connect the black wire(s) from the fixture to the black wire (hot) of the supply circuit. Connect the green ground wire to the green or uninsulated wire of the supply circuit. Use UL Listed wire connectors suitable for the size, type, and number of conductors. No loose strands or loose wires should be present. Secure wire connectors with UL Listed electrical tape. (Fig. 3)
WARNING - Use supply wires rated 75°C.
6. Replace the snap - lock cover onto the junction box, making sure that all wiring is contained within the box.

FINAL ASSEMBLY

7. The four "C" clips are designed to hold the can against the inside of the ceiling. Attach the "C" clips into the cross slots from the inside of the can. First insert the wide end of the clip into the larger horizontal opening. Then insert the "T" end into the smaller horizontal opening. The clips should remain hanging on the inside of the can until further instructions.
8. Adjust the nipple located on the end of the transformer, such that it will rest on the ceiling surface and provide support for transformer. (Fig. 1) Insert the fixture through the hole with the junction box end first, followed by the housing. The rim around the can opening will prevent the housing from being pushed through ceiling. (Fig. 4)
9. If the nipple does not seem to be resting on the ceiling and supporting the transformer, remove the fixture from the ceiling and repeat Step 8.
10. Working from the inside of the can, apply upward pressure to the "C" clips using a screwdriver until they snap into place. (Fig. 5)
11. Peel off the protective plastic layer from the lampholder surface. Install the MR16 bulb into lampholder as shown. **CAUTION:** Refer to the relamping label located near the lampholder for recommended maximum wattage. **DO NOT EXCEED RECOMMENDED MAXIMUM WATTAGE.** (Fig. 6)
12. Snap the MR16 bulb and glass into the trim as shown. (Fig. 6)
13. Three or more retention clips on the trim secure the trim to the can. Keeping the retention clips away from any slots or other clips, push the trim up into the can. If installing an "eyeball" trim be sure to orient the trim assembly to provide the desired direction for the "eyeball" movement. (Fig. 7)
14. Restore electrical power.

SAVE THESE INSTRUCTIONS

Commercial Electric

Installation Instructions & Template
For Commercial Electric 4" Remodel Housing
Instrucciones de Instalación y Plantilla para Cajas
Eléctricas Remodeladas y Comerciales de 16.16 cm

