

# INSTALLATION AND SAFETY INSTRUCTIONS

## FOR YOUR SAFETY

**WARNING: BE SURE THE ELECTRICITY TO THE WIRES YOU ARE WORKING ON IS SHUT OFF. EITHER THE FUSE REMOVED OR THE CIRCUIT BREAKER OFF.**

## GENERAL

You don't need special tools to install this fixture. Be sure to follow the steps in the order given. Under no circumstances should a fixture be hung on house electrical wires, nor should a swag type fixture be installed on a ceiling which contains a radiant type heating system. Read instructions carefully. **If you are unclear as to how to proceed, consult a qualified electrician.**

**NOTE: Proper wiring is essential for the safe operation of this fixture.**

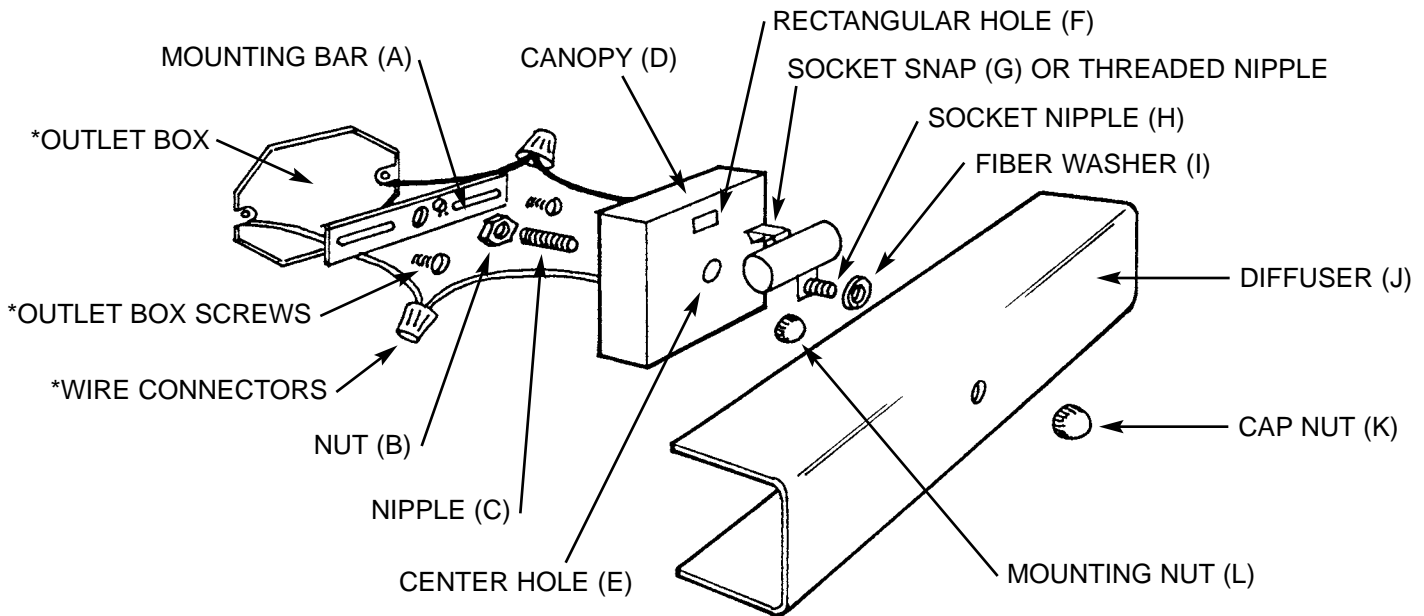
## ASSEMBLY

### STEP 1:

Carefully remove the fixture from the carton and check that all parts are included, as shown in Figure 1 & 2. Be careful not to misplace any of the screws or parts which are needed to install this fixture.

**NOTE: FOR FIXTURE EMPLOYING A GROUNDED CONVENIENCE OUTLET**

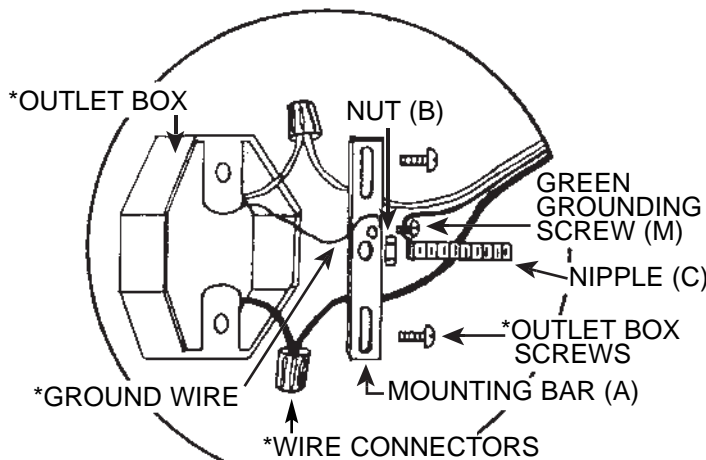
**CAUTION: "THIS FIXTURE EMPLOYS A GROUNDED TYPE RECEPTACLE AND IS NOT INTENDED FOR CONNECTION TO A TWO WIRE UNGROUNDED SOURCE OF SUPPLY."**



(FIG. 1)

**\*NOT SUPPLIED**

## GROUNDING AND MOUNTING BAR LOCK UP



**\*NOT INCLUDED**

FIGURE 2

**WARNING: FOR FIXTURES PROVIDED WITH 75° C OR 90° C SUPPLY WIRE WARNING ONLY (THESE WARNINGS ARE PROVIDED ON THE U.L. LABEL AND ON THE FIXTURE CARTON).**

**WARNING: RISK OF FIRE. MOST DWELLINGS BUILT BEFORE 1985 HAVE SUPPLY WIRE RATED 60° C. CONSULT A QUALIFIED ELECTRICIAN BEFORE INSTALLING.**



**Installation And Safety Instruction  
HC-169**

**092800**

Fill In Item Number On Carton And  
File This Sheet For Fixture Reference. ITEM# \_\_\_\_\_

## INSTALLATION HC-169

**IMPORTANT: DO NOT ATTACH FIXTURE DIRECTLY TO OUTLET BOX.**

**IF SUPPLY WIRES ARE LOCATED WITHIN 3" OF BALLAST, USE WIRE RATED FOR AT LEAST 90°C**

**NOTE: SOCKET MAY BE FACTORY INSTALLED.**

### STEP 1:

Pass socket wires through fixture.

### STEP 2:

Snap socket (G) into rectangular hole (F) in fixture.

**NOTE:** If socket supplied with your fixture is threaded at both ends use the nut (B) that is supplied to secure socket to pan.

### STEP 3:

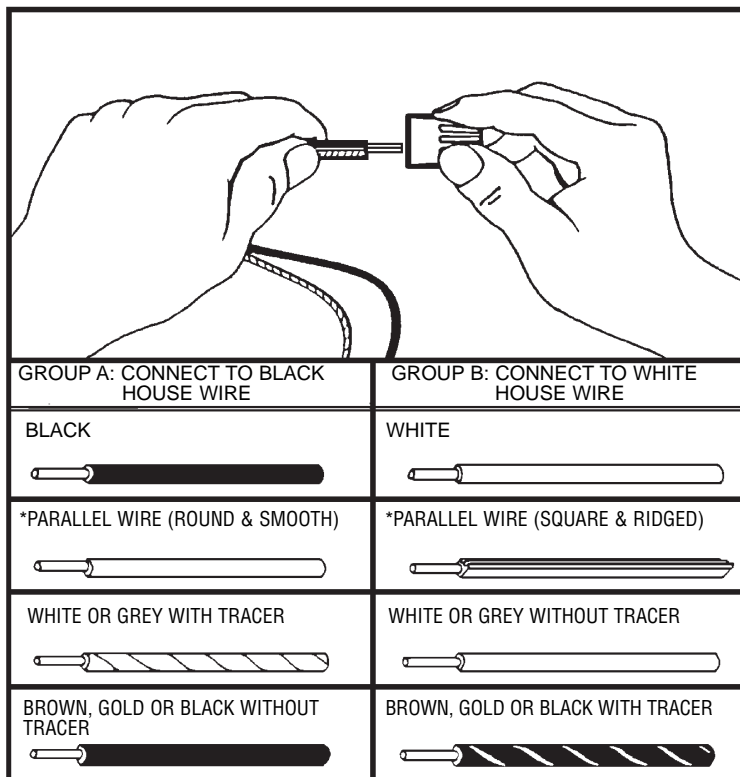
Using outlet box screws (not supplied) fasten mounting bar [A] to outlet box through slots in mounting bar [A].

### STEP 4:

Thread nut [B] onto nipple [C] so that 5 threads are exposed above nut [B]. Thread that end of the nipple [C] into mounting bar [A] and tighten nut [B] against mounting bar [A].

### STEP 5:

**A.** Take note of the color of the wire(s) on your fixture. Identify which group your fixture wire(s) falls into and connect the wires according to the directions below:



\*NOTE: When parallel wire is used, the tracer wire is square shaped or ridged, and the less tracer wire is round in shape or smooth. (Seen best when viewed from wire end.) To separate wires, grasp the ends of each wire and pull apart.

**B.** Take your fixture wire(s) from group A and place evenly against the black wire from the outlet box. **Do Not** twist wires together before using wire connectors.

**C.** Fit a wire connector (not supplied) over the wires and screw the connector clockwise until you feel a firmness.

**D.** Try gently to pull the connector off the wires. If you can pull the connector off, carefully re-do steps B and C, as above, and check again for a firm connection.

**E.** Connect the fixture wire from group B to the white wire from the outlet box in the same manner.

### STEP 6:

**GROUNDING INSTRUCTIONS:** Your fixture can be grounded in a variety of different ways. Choose the instructions below which applies to your fixture and follow directions carefully. **NOTE:** Underwriters Laboratories (U.L.) does not require all fixtures to have ground wires. These fixtures still meet all U.L. specifications. The listing mark of Underwriters on the product identifies products manufactured under its listing and Follow-Up Service Programs.

**NEVER CONNECT GROUND WIRE TO BLACK OR WHITE POWER SUPPLY WIRES.** The green grounding screw (M) is to be inserted into the hole with two raised dimples provided on the mounting bar (A). Wrap the ground wire from the fixture (if supplied) and the ground wire from the outlet box (bare metal or green insulated wire) around the green grounding screw (M) on the mounting bar (A). If uninsulated ground wire is on the universal mounting bar, connect the ground wire from the fixture (if supplied) and the outlet box to it using a small wire connector (not supplied) (See Figure 2).

For fixtures with spade terminal on green insulated ground wire:

1. Slip spade terminal (attached to the green insulated fixture grounding wire) under the green grounding screw located on the mounting bar.
2. Secure green grounding wire from outlet box (bare metal or green insulated wire) by wrapping ground wire around ground screw on mounting bar in a clockwise direction and tighten screw. Make sure both the spade terminal and the ground wire from outlet box are connected to the ground screw.

## FINAL ASSEMBLY

**Make sure no bare wires can be seen outside wire connectors.**

### STEP 1:

After wires are connected, tuck them carefully inside the outlet box. Position canopy (D) over nipple (C) and secure in place with mounting nut (L).

### STEP 2:

Thread socket nipple (H) into socket. (NOTE: Socket nipple (H) may be factory installed).

### STEP 3:

Install lamps.

### STEP 4:

Install fiber washer (I) and diffuser (J), in that order, onto socket nipple (H). Secure with decorative cap nut (K).

## CLEANING

To clean, wipe fixture with a soft cloth. Clean glass with a mild soap. Do not use abrasive materials such as scouring pads or powders, steel wool or abrasive paper.

## ORDERING PARTS

Keep this sheet for future reference, and in case you need to order replacement parts. All parts for this fixture can be ordered from place of purchase. Be sure to use exact wording from illustration when ordering parts.