

GENERAL

1. To insure the success of this fixture installation, the following instructions and diagrams should be read and understood. All electrical connections must be made in accordance with the National Electric Code and local codes and ordinances. If you are uncertain of the methods of installing electrical wiring and lighting fixtures, secure the services of a qualified, licensed electrician.

2. **TOOLS NEEDED:** Blade screwdriver, slip joint pliers, wire cutter/stripper electrical current tester, plastic or rubber electrical tape, stepladder.

NOTE: The important safeguards and instructions outlined on this sheet are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors that cannot be built into any product. Caution and care must be supplied by the person(s) installing operating and caring for this fixture

INSTALLATION PREPARATION

1. **TURN OFF THE ENTIRE ELECTRICAL CIRCUIT TO WHICH THE LIGHTING FIXTURE IS TO BE ATTACHED.** Move the appropriate circuit breaker to the "OFF" position or completely remove the fuse controlling the circuit.

2. If an existing fixture is being replaced, remove it and note to which of the wires in the mounting box the fixture was attached. **DO NOT SEPARATE ANY OTHER WIRES THAT MAY BE IN THE BOX. TAKE CARE NOT TO DAMAGE THE INSULATION OF OLDER WIRING.** In regular circumstances the **BLACK** wire will be the "Hot;" lead and the **WHITE** wire will be the "Neutral" or "Common" lead. A **GREEN** or **BARE COPPER** wire is the ground. In older buildings it is always good practice to reconfirm the polarity of the wiring.

3. This fixture is designed to be mounted on a standard round or octagon box. The box must be securely mounted to the structure of the building.

VERY IMPORTANT NOTE: The glass shade of the 4520 & 4521 weighs over 11 lbs.! Therefore **do not** mount on a plastic outlet box or any "Old Work" box that relies on the ceiling surface material for support. The use of a Fan Installation box recognized by the National Electric Code is strongly recommended.

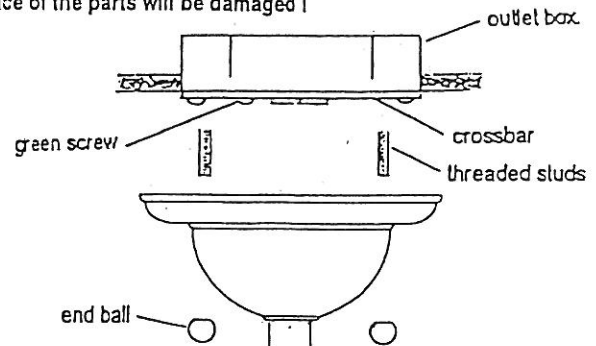
FIXTURE ASSEMBLY

1. Remove fixture, glass and parts bag from carton. Before discarding carton, double check to make sure that all parts are found.

2. The 4520 & 4530 are supplied with 3 stem sections that can be used individually or combined to achieve a length of up to 36" in 6" increments. Decide on the stem length required and assemble the stem(s) to the holder / socket assembly. Assemble the sections as tightly as possible **HOWEVER,** Do not use pliers or other gripping tools directly on the metal parts. The surface of the parts will be damaged!

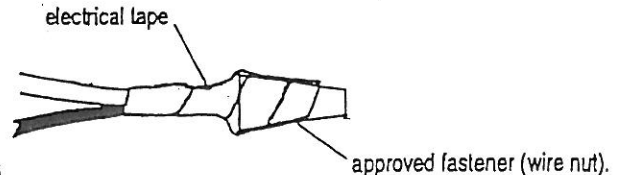
3. Assemble the canopy / swivel assembly to the stem assembly.

4. Install crossbar onto junction box, as shown. Start studs into crossbar, as shown.



5. Fasten the copper wire of the fixture green or bare copper wire in the box with an approved fastener (wire nut), or fasten to the crossbar with the green screw provided. **WARNING! NEVER FASTEN THE GROUND WIRE TO THE BLACK OR "HOT" WIRE! FAILURE TO FOLLOW THIS INSTRUCTION COULD RESULT IN SERIOUS INJURY OR DEATH!**

6. Connect the wire with the ridges on it to the white wire in the box. Fasten the wires together with approved fastener (wire nut). Starting about 1" below fastener, tightly wrap connection with electrical tape so that tape seals the end of the fastener. Make sure that there is no exposed wire that could cause a dangerous short circuit!



7. Connect the wire with the printing on it to the black wire in the box. Join as in step 6.

8. Slip the canopy over the studs in the crossbar. Start endballs onto studs. If fixture is being installed on a sloped ceiling, rotate canopy to allow the swivel to be properly positioned for a vertical drop. Tighten the endballs to secure canopy to box and ceiling.

9. Install glass shade. If you are installing the 4520 or 4521 use both the metal ring on the socket **AND** the 3 thumbscrews around the neck to secure the glass to the holder.

10. Install lamp (light bulb) in fixture. **This fixture is rated for A or G type lamp 100 watt maximum. DO NOT EXCEED RECOMMENDED WATTAGE!**

11. Restore power to circuit at breaker or fuse box