

3200 series INSTALLATION INSTRUCTIONS

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.

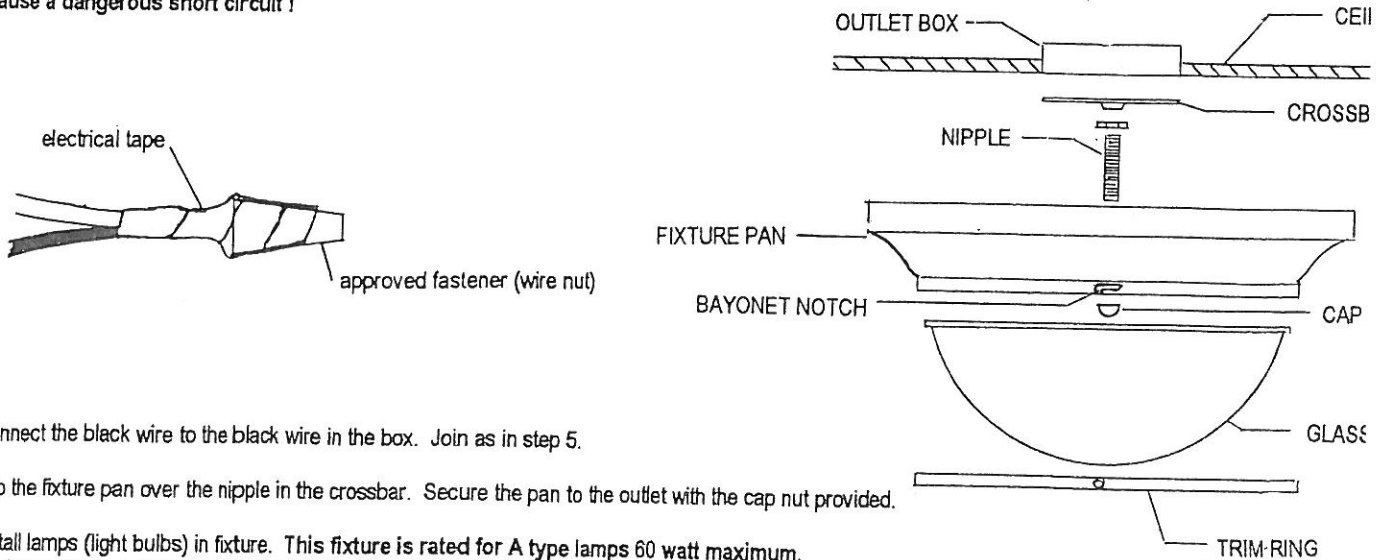
2. **TOOLS NEEDED:** Blade screwdriver, slip joint pliers, wire cutter/stripper electrical current tester, plastic or rubber electrical tape, stepladder.

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.
4. This fixture is approved for ceiling installation on an outlet box containing leads suitable for 90° C.
Most dwellings built before 1985 have a wire temperature rating of 60° C.

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. Install crossbar onto junction box, as shown.
 3. Start nipple into crossbar, as shown.
 4. Fasten the copper wire of the fixture to the 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!**
 5. Connect the white wire 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!**
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6. Connect the black wire to the black wire in the box. Join as in step 5.
 7. Slip the fixture pan over the nipple in the crossbar. Secure the pan to the outlet with the cap nut provided.
 8. Install lamps (light bulbs) in fixture. **This fixture is rated for A type lamps 60 watt maximum. DO NOT EXCEED RECOMMENDED WATTAGE!**
 9. Install glass by removing the three (3) thumbscrews from the trim ring. **THIS TRIM RING IS DESIGNED TO AID IN THE EASY INSTALLATION OF THE GLASS** One of the holes in the trim ring is threaded. Thread a thumbscrew into it. Note that the fixture pan has two (2) threaded bushings and one (1) bayonet notch. Slip the thumbscrew on the ring into the bayonet notch. The other two holes will now align on the ring and fixture pan. Screw in the remaining 2 screws.
 10. Restore power to circuit at breaker or fuse box