

4501, 02, 03, 04 & 05 INSTALLATION INSTRUCTIONS

GENERAL

1. To insure the success of the fixture installation, the following instructions and diagram(s) should be read and understood.
2. 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.
3. **TOOLS NEEDED:** Blade screwdriver, slip joint pliers or small adjustable wrench, wire cutter/stripper, electrical current tester, stepladder and electrical tape.
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 maintaining this lighting fixture.

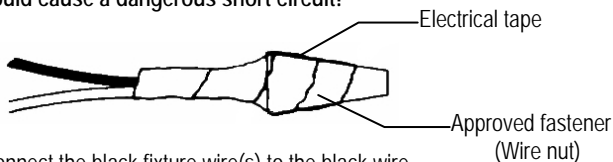
INSTALLATION PREPARATION

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 outlet box the fixture was attached.
DO NOT SEPARATE ANY OTHER WIRES THAT MAY BE IN THE BOX. DO NOT 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.

NOTE: The longer models of this fixture are shipped without the finials assembled to the ends of the arms.
Simply push the finial assembly into the end of the tube.

FIXTURE INSTALLATION

1. Remove the fixture, glass and parts bag(s) from the carton.
Before discarding the carton, double check packing to make certain that all parts are found.
2. (Starting at the back), thread the 2 longest screws into the mounting ring.
(The green ground screw is the front). Attach the mounting ring to the outlet box. (The green screw should face out).
3. Thread the small hex nuts onto the screws. Adjust the screws so that they extend 3/16" beyond the back of the fixture, Lock the hex nuts against the mounting ring.
Pull the wires in the outlet box through the center hole of the mounting cup.
4. Fasten the bare copper fixture wire to the green or bare copper wire in the box or fasten it to the crossbar with green screw provided.
NEVER FASTEN THE GROUND WIRE TO THE BLACK OR "HOT" WIRE ! FAILURE TO FOLLOW THIS INSTRUCTION COULD RESULT IN SERIOUS INJURY OR DEATH !
5. Fasten the white fixture wire(s) to the white wire in the outlet box. Fasten the wires to together with an approved fastener (wire nut). Starting about 1" below the fastener, tightly wrap connection with electrical tape so that the tape seals the end of the fastener.
Make sure that there is no exposed wire or strands that could cause a dangerous short circuit!



6. Connect the black fixture wire(s) to the black wire in the outlet box. Fasten the joined wires as in step 5.
7. Using the end balls, attach the fixture to the outlet box.
8. Remove the ring(s) from the threaded socket(s). Install the glass and replace the ring(s).
9. Install the lamp(s) (light bulb(s)).
NOTE: This fixture is rated for 100 watt type A lamp(s). **DO NOT EXCEED RECOMMENDED WATTAGE!**

10. Restore power to circuit at breaker or fuse box.

