

READ & SAVE THESE INSTRUCTIONS

INSTALLATION & OPERATION INSTRUCTIONS

TOOLS & MATERIALS REQUIRED

- Blade screw driver
- Adjustable wrench
- Step ladder
- Wire cutters
- Wiring supplies as required by electrical code

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.
2. All electrical connections must be in accordance with local codes, ordinances, or the National Electrical Code. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified licensed electrician.
3. These fixtures are intended to be mounted to a 4" x 2 1/2" deep metal octagon outlet box. The box must be directly supported by the building structure.
4. Before starting the installation, disconnect the power by turning off the circuit breaker or by removing the fuse at the fuse box. Turning the power off using the light switch is not sufficient to prevent electrical shock.

NOTE: The important safeguards and instructions appearing in this manual 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 which cannot be built into any product. These factors must be supplied by the person(s) caring for and operating the fixture.

PREPARE THE FIXTURE NOTE: FIRST TURN OFF ELECTRICITY

1. If you are replacing an existing fixture, disconnect and remove the old fixture exposed the supply wiring from the outlet box.
2. If your fixture is supplied with a threaded nipple (see Fig3), screw the nipple into the coverplate and mounting bracket and lock into place with a hexagon lock nut. If your fixture is supplied with machine screw (see Fig2), thread the machine screw into the mounting bracket, lock the machine screws into place with lock nuts.
3. Fasten the mounting bracket to the outlet box using the two screws supplied with the outlet box. If your fixture is supplied with a channel shape mounting bracket with keyhole slots for attachment to the mounting surface (see Fig2), it will be necessary to mark the location of the keyhole slots on the mounting surface and drill holes for fasteners (not provided). Use fasteners suitable for the mounting surface. The narrow end of the keyhole slot should face up.

ELECTRICAL CONNECTIONS

To make electrical connections:
Connect the white wire(s) from the fixture to the white wire of the supply circuit. Connect the black wire(s) from the fixture to the black wire of the supply circuit. Use U.L. listed wire connectors suitable for the size, type, and number of conductors. No loose strands or loose connections should be present. Secure wire connectors with U.L. listed electrical tape.

Assembly and installation

1. Pull the supply wires out of the outlet box and thread the 1-1/2" screws into the crossbar.
2. Fasten the crossbar to the outlet box with the existing screws.
3. Connect the white supply wire to the white ribbed or marked fixture wire with a wire nut (provided in some models only.)
NOTE: Ribbed wire is distinguishable by raised lines on the wire jacket.
4. Connect the black supply wire to the black, smooth or unmarked fixture wire in the same manner.
5. Connect the fixture ground wire and supply ground wire to the crossbar with the green screw and cup washer. **NOTE: IF YOUR OUTLET BOX DOES NOT HAVE A SUPPLY GROUND WIRE, CONTACT A LOCAL LICENSED ELECTRICIAN FOR INFORMATION ABOUT CONFORMING TO NATIONAL AND LOCAL ELECTRICAL CODES.**
6. Position all wires inside outlet box and push fixture body to wall so that 1-1/2" screws protrude through the face plate, lock fixture body to outlet box with cap nuts or mounting screws.
7. Install the lamp (not provided) and reconnect the electrical power.

FINAL ASSEMBLY

1. Spread the electrical splices so that the black wires are on one side of the outlet box and the white wires are on the other side.
2. Place fixture against mounting surface allowing the threaded nipple or machine screws to put a star washer then passing through the coverplate. Use a screw driver to secure with mounting nut or acorn nut tightly for grounding. (NOTE: have the sharp side of the star washer to attach the coverplate).
3. If applicable place candle cover(s) over lampholder(s) before installing bulb(s). Install the lightbulb(s) (not provided).
CAUTION: Refer to the relamping label located near the lampholder for recommended maximum wattage-do not exceed recommended wattage.
4. If applicable, attach shades to fixture. Some shades require the use of shade attachment screws. Do not overtighten these screws-too much pressure could cause glass breakage. See Fig(s), for placement of fabric spacer, not supplied on all models.
5. Outdoor wall fixtures must be caulked with suitable RTV or Silicone compound around the top and sides of the coverplate to reduce the chance of water intruding into the splicing areas. Leave the bottom cleat to allow moisture a means of escape.
6. Restore electricity and check the operation of your new lighting fixture.

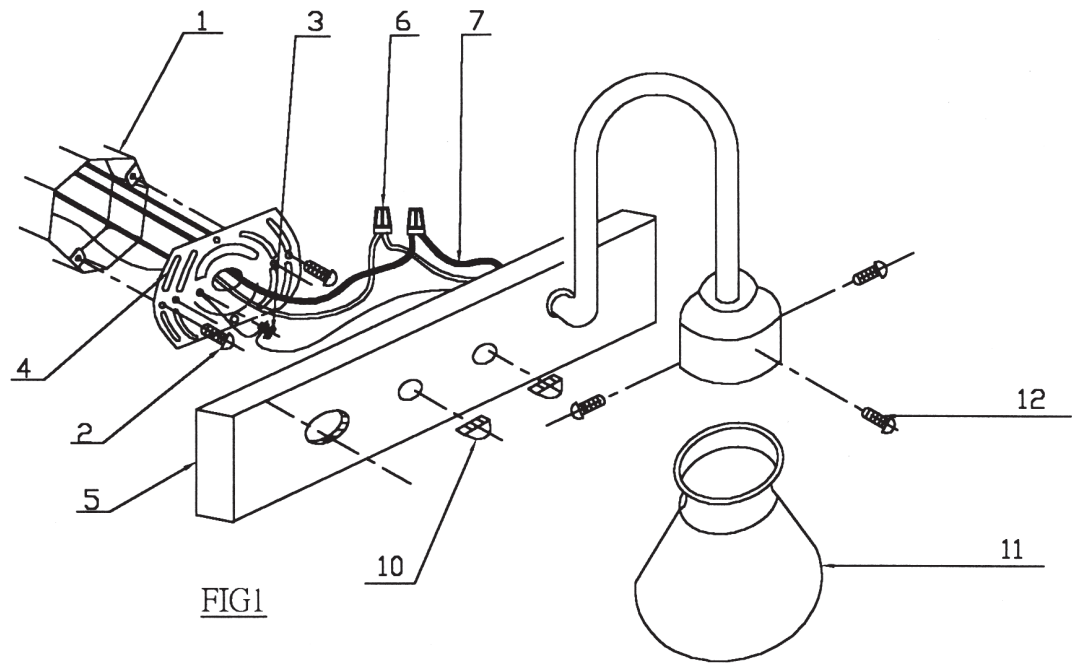


FIG1

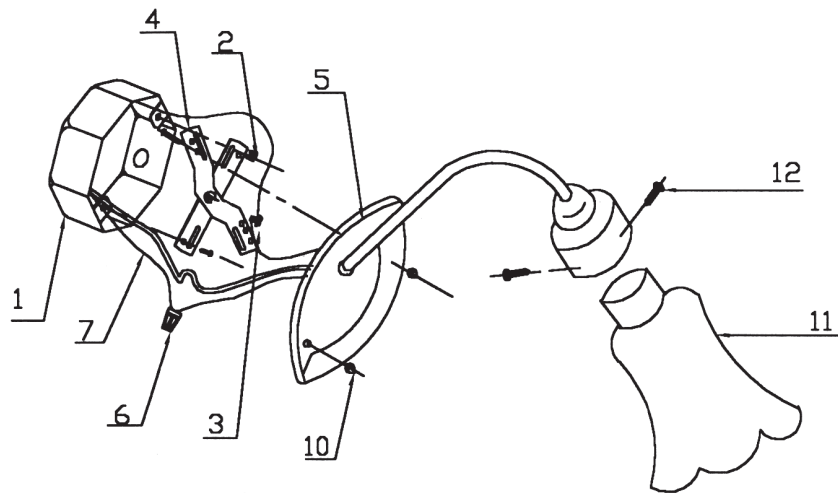


FIG2

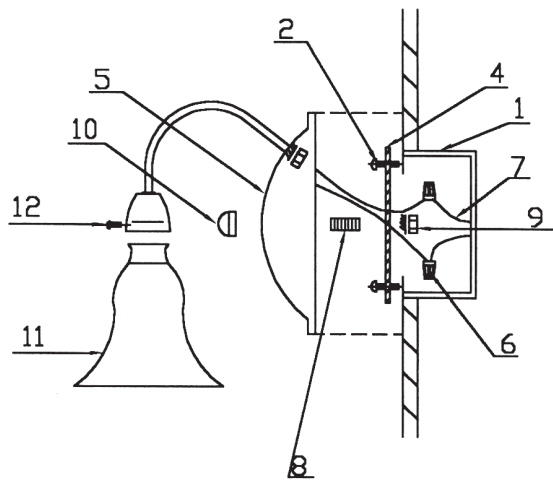


FIG3

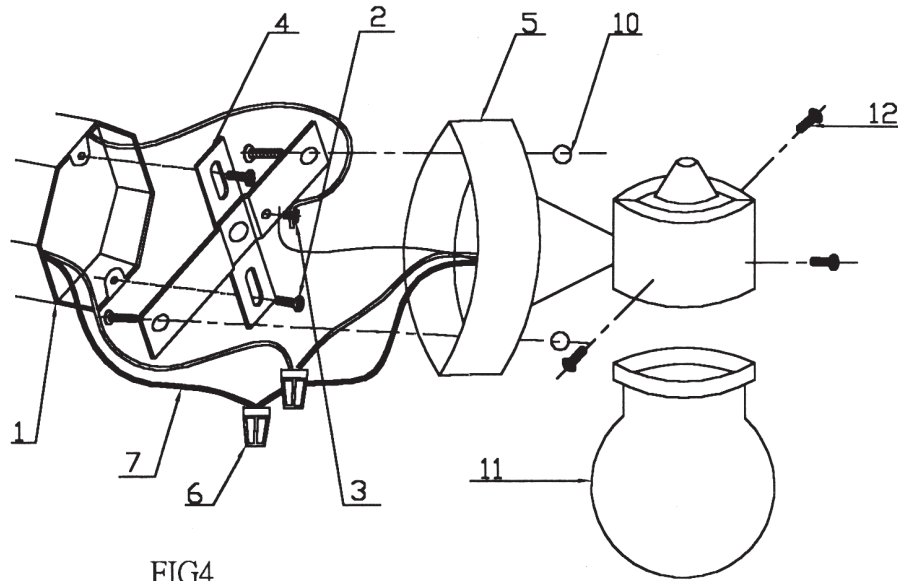


FIG4

- | | |
|----------------------|------------------|
| 1. outlet box | 7. wire |
| 2. outlet box screws | 8. nipple |
| 3. ground screws | 9. nut |
| 4. crossbar | 10. cap nuts |
| 5. face plate | 11. glass shade |
| 6. wire nuts | 12. thumb screws |
- Note: The above diagram illustrate the installation of your new lighting fixture. This is a representative drawing and isn't intended to match the style of your fixture.

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