

*****READ & SAVE THESE INSTRUCTIONS *****
MODEL 31021
INSTALLATION & OPERATION INSTRUCTIONS

1) TOOLS AND MATERIALS REQUIRED

- ❖ Blade Screwdriver
- ❖ Adjustable Wrench
- ❖ Wire Cutters
- ❖ Wiring supplies as required by Electrical Code

Attention:

Before assembling your lighting fixture, please read the following instructions. If you feel you do not have sufficient electrical experience, refer to a do-it-yourself wiring handbook or have your fixture installed by a qualified licensed electrician.

(2) GENERAL

1. To ensure the success of the installation, be sure to read these instructions 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 for mounting to a standard 4" x 2 1/4" deep metal octagon outlet box. The box must be directly supported by the building structure and U.L. recognized.
4. Before commencing with 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 that cannot be built into any product. The person(s) caring for and operating the fixture must supply these factors.

(3) UNPACKING THE FIXTURE

On checking the contents of the box you will find;

1. Fixture Back Plate (with sockets)
2. Fixture Mounting Plate
3. Mounting Hardware packet
4. Glass Mounting Hardware
5. 2 x 24w T-5 HO Fluorescent (Bi-Pin Base) Bulb

(4) PREPARING THE FIXTURE

1. If you are replacing an existing fixture, disconnect and remove the old fixture. Expose the supply wiring from the outlet box.
2. Hold the **fixture mounting plate** where you plan to mount your fixture. Determine the location for the **support anchors**. Mark the location with a pencil.
3. Drill two holes into the **pencil marked spots** and insert the supplied **anchors**.
4. Feed the **fixture wires** through the center hole in the **fixture mounting plate** and make the following wire connections.
5. Connect the **Black wire** from the **fixture** to the **Black supply wire** and the **White fixture wire** to the **White supply wire**, fasten securely with the supplied **wire nuts** and secure the **wire nuts** with UL listed **electrical tape** (not supplied). Tuck the wires carefully into the outlet box.
6. Connect the **ground wire** from the fixture to the **electrical supply ground wire**, or attach the **ground wire** directly to the **ground screw** on the mounting bracket. Fasten securely with the supplied **wire nuts** and secure the wire nuts with **UL listed electrical tape** (not supplied). Tuck the wires carefully into the outlet box.
7. Secure the **fixture mounting plate** to the **junction box**. Use the additional supplied **screws** to secure the ends of the fixture to the **anchors** already positioned.
8. Insert the two **protruding screws** from the **fixture mounting plate** into the two holes allocated in the **fixture back plate**. Secure the **fixture back plate** to the **fixture mounting plate** with the supplied **knob screws or nuts**.
9. Insert the supplied bulb. **DO NOT EXCEED THE WATTAGE AS INDICATED ON THE WARNING LABEL.**
10. Secure the **Glass Diffuser** to the **fixture mounting plate** by positioning it over the **mounting plate** and securing on the sides with the **supplied screws**.
11. Restore the electricity and enjoy your new fixture.

CAUTION:

- **Ensure that the Fitting is Cool and Switched off, Before Changing Bulbs.**
- **Do Not use Bulbs Exceeding Maximum Wattage as Per Caution Label.**
- **Do Not Touch the Bulb while fixture is in operation.**
- **Do Not place fixture in close proximity to any combustible material.**

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