

SYLVANIA FBO31/830/XP/ECO

Sylvania FBO31/830/XP/ECO U Shaped T8 Fluorescent Tube Light Bulb

USER MANUAL

1. Introduction

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Sylvania FBO31/830/XP/ECO U Shaped T8 Fluorescent Tube Light Bulb. Please read these instructions carefully before use and retain them for future reference.

2. Important Safety Information

Always observe the following safety precautions to prevent injury or damage:

- **Power Disconnection:** Always ensure the power supply to the fixture is turned off at the circuit breaker or fuse box before installing, removing, or servicing the bulb.
- **Handle with Care:** Fluorescent bulbs contain small amounts of mercury. Handle with care to avoid breakage. If a bulb breaks, follow local guidelines for cleanup and disposal.
- **Proper Fixture:** Use this bulb only in compatible T8 fluorescent fixtures with a medium bi-pin (G13) base. Ensure the fixture is rated for the bulb's wattage.
- **Avoid Contact:** Do not touch the glass portion of the bulb with bare hands during installation or removal, as oils can reduce bulb life. Use a clean cloth or gloves.
- **Disposal:** Dispose of used fluorescent bulbs according to local environmental regulations. Many communities have recycling programs for fluorescent lamps.

3. Product Overview

The Sylvania FBO31/830/XP/ECO is a 31-watt, U-shaped T8 fluorescent tube light bulb designed for energy-efficient illumination. It features a warm white color temperature of 3000K and a medium bi-pin (G13) base, providing 2775 lumens of light output with a high color rendering index (CRI) of 82.



Figure 1: Sylvania FBO31/830/XP/ECO U Shaped T8 Fluorescent Tube Light Bulb. This image displays the U-shaped fluorescent tube with its bi-pin connectors at the base.

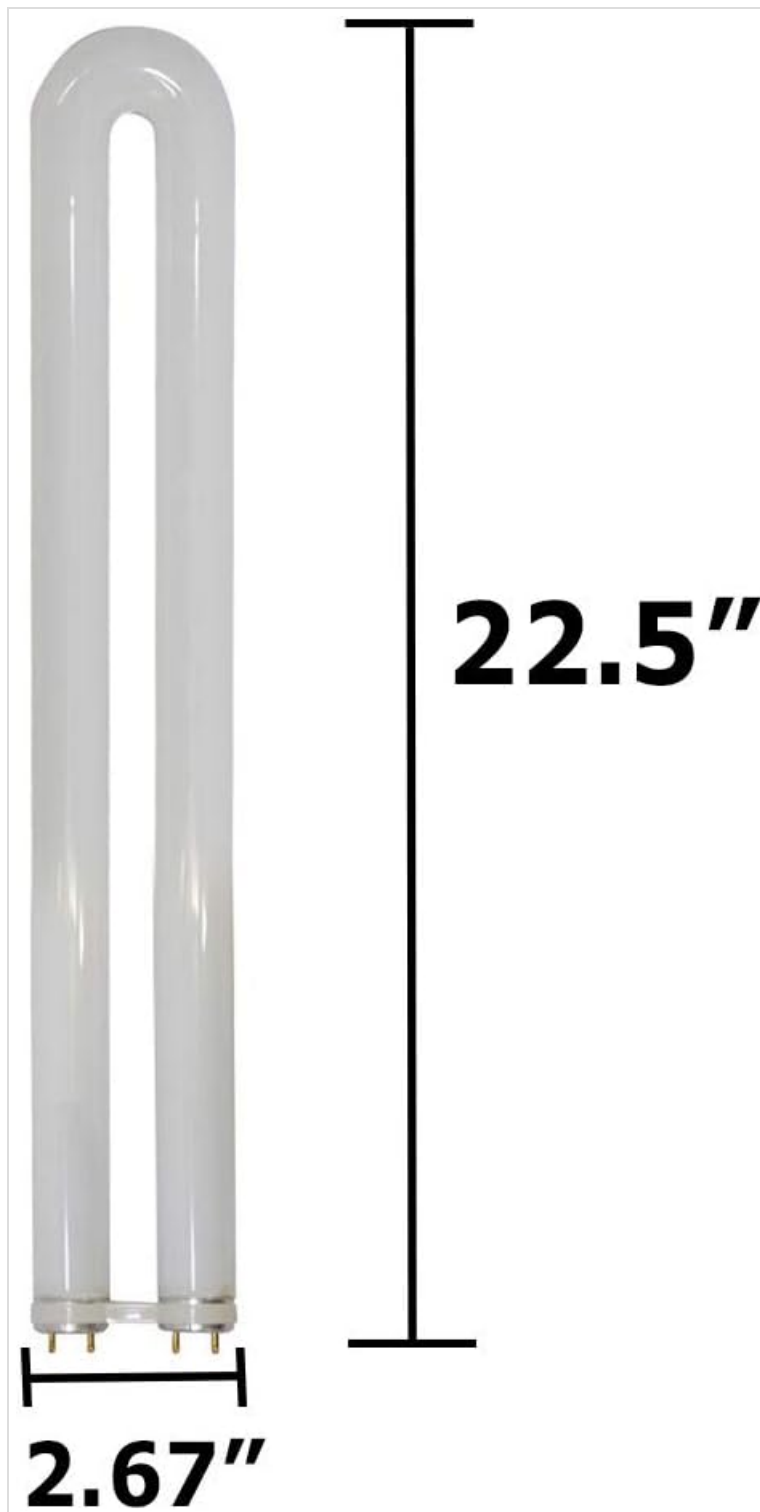


Figure 2: Dimensions of the Sylvania FBO31/830/XP/ECO Fluorescent Tube. The image indicates a length of 22.5 inches and a width of 2.67 inches at the base.

4. Setup and Installation

Follow these steps to safely install your fluorescent tube:

1. **Turn Off Power:** Locate the circuit breaker or fuse box that controls the lighting fixture. Turn off the power to the fixture completely. Verify that the power is off by attempting to turn on the light switch.
2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, carefully twist the old bulb approximately 90 degrees and gently pull it out of the bi-pin sockets. Dispose of the old bulb properly.
3. **Insert New Bulb:** Align the two pins at each end of the Sylvania FBO31/830/XP/ECO bulb with the slots in the fixture's bi-pin sockets. Gently push the bulb into the sockets until the pins are fully seated, then rotate the bulb approximately 90 degrees until it locks into place. Ensure the bulb is securely seated and not loose.

4. **Restore Power:** Once the bulb is securely installed, restore power to the fixture at the circuit breaker or fuse box.
5. **Test Operation:** Turn on the light switch to confirm the bulb is functioning correctly.

5. Operating Instructions

The Sylvania FBO31/830/XP/ECO fluorescent tube operates in conjunction with your fixture's ballast and wall switch. Simply use the wall switch connected to your fixture to turn the light on or off. Allow a brief moment for the bulb to reach full brightness upon activation.

6. Maintenance

- **Cleaning:** To maintain optimal light output, periodically clean the bulb and fixture with a soft, dry, lint-free cloth. Ensure the power is off and the bulb is cool before cleaning. Do not use abrasive cleaners or solvents.
- **Replacement:** The average lifetime of this bulb is 24,000 hours. Replace the bulb when it begins to flicker, dim significantly, or fails to illuminate. Always replace with a compatible T8 fluorescent bulb of the same wattage and base type.

7. Troubleshooting

If you encounter issues with your fluorescent tube, refer to the following table:

Problem	Possible Cause	Solution
Bulb does not light up	No power to fixture Bulb not properly seated Defective bulb Defective ballast/fixture	Check circuit breaker/fuse Re-seat bulb firmly Replace bulb Consult an electrician
Bulb flickers or hums	Old/failing bulb Incorrect ballast Loose connection	Replace bulb Ensure ballast is compatible with T8 Check bulb seating and fixture wiring
Dim light output	Bulb nearing end of life Dirty bulb/fixture	Replace bulb Clean bulb and fixture

8. Specifications

Feature	Specification
Brand	SYLVANIA
Model Number	FBO31/830/XP/ECO (Part No. 21693)
Light Type	Fluorescent
Bulb Shape Size	T8, U-Shaped
Wattage	31 Watts
Voltage	120 Volts (AC)
Base Type	Medium Bi-Pin (G13)

Feature	Specification
Light Color	Warm White
Color Temperature	3000 Kelvin
Brightness	2775 Lumens
Color Rendering Index (CRI)	82
Average Lifetime	24,000 hours
Special Feature	Energy Efficient
Material	Copper (pins)
Item Weight	8.95 Pounds
UPC	046135216930

9. Warranty and Support

For warranty information and customer support, please refer to the official SYLVANIA website or contact their customer service department. Keep your purchase receipt as proof of purchase. You can visit the [SYLVANIA Store on Amazon](#) for more product details and support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question