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LEDVANCE 22433

SYLVANIA 48" T8 Octron Fluorescent Tube Ecologic Lamp User Manual

Model: 22433 | Brand: SYLVANIA (by LEDVANCE)

INTRODUCTION





Figure 1: The SYLVANIA 48" T8 Octron Fluorescent Ecologic Lamp, shown in its retail packaging.

This manual provides essential information for the safe and effective installation, operation, and maintenance of your SYLVANIA 48" T8 Octron Fluorescent Ecologic Lamp. These lamps are designed to provide exceptional color rendering with a 90 CRI, making them suitable for color-critical applications, and offer outstanding value. For optimal performance and longevity, please read and follow all instructions carefully.

PRODUCT SPECIFICATIONS

Specification	Value
Model Number	22433
Lamp Type	T8 Octron Fluorescent Ecologic Lamp
Wattage	32 Watts
Length	48 inches

Specification	Value
Base Type	Bi-Pin Base (G12)
Lumen Output	2450 Lumens
Color Temperature	4100K (Cool White)
Color Rendering Index (CRI)	90
Average Lifetime (Instant Start)	Up to 22,500 hours
Average Lifetime (Programmed Start)	Up to 27,000 hours
Voltage	120 Volts
Indoor/Outdoor Usage	Indoor, Outdoor

SAFETY INFORMATION

Always turn off power at the circuit breaker before installing or removing fluorescent lamps. Handle lamps by the ends to avoid damaging the glass or internal components. Do not use in dimming circuits unless specifically rated for dimmable fluorescent lamps and compatible ballasts. Dispose of lamps according to local regulations, as they contain small amounts of mercury.

SETUP AND INSTALLATION

- Power Disconnection:** Before beginning installation, ensure the power to the fixture is completely turned off at the circuit breaker or fuse box. Verify power is off using a voltage tester.
- Remove Old Lamp (if applicable):** Carefully twist the old fluorescent tube 90 degrees to align the pins with the slots in the lampholders. Gently pull the lamp straight out from the fixture.
- Inspect Fixture:** Check the lampholders for any damage or corrosion. Ensure they are clean and in good working order. Confirm the fixture uses a compatible T8 ballast (Rapid Start or Instant Start).
- Install New Lamp:** Hold the new SYLVANIA T8 lamp by its ends. Align the pins on both ends of the lamp with the slots in the lampholders. Gently push the lamp into the lampholders until the pins are fully seated.
- Secure Lamp:** Rotate the lamp 90 degrees until it locks securely into place. The lamp should feel firm and not wobble.
- Restore Power:** Once the lamp is securely installed, restore power to the fixture at the circuit breaker.
- Test Operation:** Turn on the light switch to confirm the lamp illuminates properly.





Figure 2: A bare SYLVANIA T8 fluorescent tube, illustrating its cylindrical shape and bi-pin connectors at each end, ready for

OPERATING INSTRUCTIONS

SYLVANIA T8 Octron Fluorescent Ecologic Lamps are designed for straightforward operation in compatible fluorescent fixtures. Once installed, simply activate the light switch connected to the fixture. The lamp will illuminate rapidly, providing consistent, high-quality light.

- Ensure the fixture's ballast is compatible with T8 fluorescent lamps for optimal performance and lamp life.
- Avoid frequent on/off cycling, as this can reduce the lamp's lifespan.
- These lamps are suitable for both rapid and instant start ballasts, offering a long rated life under typical operating conditions.

MAINTENANCE

Minimal maintenance is required for your SYLVANIA T8 fluorescent lamp. Regular cleaning and proper handling will help ensure its long-term performance.

- **Cleaning:** Periodically, with the power off and the lamp cool, gently wipe the lamp surface with a soft, dry, lint-free cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Lamp Replacement:** Replace lamps when they begin to flicker, dim significantly, or fail to illuminate. Always replace with a lamp of the same type and wattage for consistent light output and compatibility with the existing ballast.
- **Fixture Inspection:** Annually inspect the fixture wiring and lampholders for any signs of wear, damage, or loose connections.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lamp does not light up.	No power to fixture. Lamp not properly seated. Defective lamp. Defective ballast. Incorrect lamp type for ballast.	Check circuit breaker and wall switch. Ensure lamp pins are fully inserted and twisted 90 degrees. Replace lamp with a new one. Consult a qualified electrician to check/replace ballast. Verify lamp type (T8) matches ballast requirements.
Lamp flickers or dims.	Lamp nearing end of life. Loose connection in lampholder. Incompatible or failing ballast. Low ambient temperature.	Replace lamp. Reseat lamp firmly. Consult a qualified electrician to check/replace ballast. Ensure operating temperature is within recommended range.
Ends of lamp are dark.	Normal aging. Frequent switching. Improper ballast.	Replace lamp if light output is insufficient. Minimize frequent on/off cycles. Ensure ballast is compatible and functioning correctly.

WARRANTY AND SUPPORT

For warranty information and technical support regarding your SYLVANIA T8 Octron Fluorescent Ecologic Lamp, please refer to the official LEDVANCE website or contact their customer service. The product warranty details can typically be found at www.sylvania.com.

For additional product information or to explore other lighting solutions, visit the LEDVANCE Store on Amazon: [LEDVANCE Store](#).


DISPOSAL INFORMATION

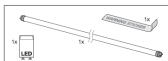
Fluorescent lamps contain a small amount of mercury and should be disposed of responsibly. Do not dispose of lamps in regular household trash. Please check with your local waste management authority for proper recycling or disposal options in your area. Many retailers and recycling centers offer collection programs for fluorescent lamps.

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Related Documents - 22433

LED TUBE T8 EM ULTRA OUTPUT S






This document provides installation and operation instructions for the LEDVANCE LED Tube T8 EM Ultra Output S. It covers retrofitting and conversion for luminaires with electromagnetic control gear or direct AC mains connection, along with important safety and usage information.

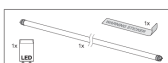
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LED Tube T8 EM Ultra Output S Installation and Operation Guide

Comprehensive guide for the installation and operation of the LEDVANCE LED Tube T8 EM Ultra Output S, covering retrofit and conversion installations, technical specifications, and safety information.

LED TUBE T8 EM ULTRA OUTPUT S






This document provides installation and operation instructions for the LEDVANCE LED Tube T8 EM Ultra Output S. It covers retrofitting and conversion for luminaires with electromagnetic control gear or direct AC mains connection, along with important safety and usage information.

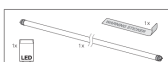
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LED TUBE T8 EM V
LED TUBE T8 EN ULTRA OUTPUT V






Detailed installation and operation instructions for the LEDVANCE LED TUBE T8 EM V and T8 EN ULTRA OUTPUT V, providing guidance on retrofitting and conversion for T8 fluorescent lamp replacements.

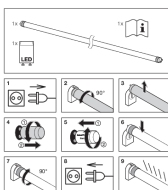
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LED TUBE T8 EM V & EN ULTRA OUTPUT V: Installation and Operation Guide

Detailed installation and operation instructions for the LEDVANCE LED TUBE T8 EM V and T8 EN ULTRA OUTPUT V, providing guidance on retrofitting and conversion for T8 fluorescent lamp replacements.

SubstiTUBE® Value


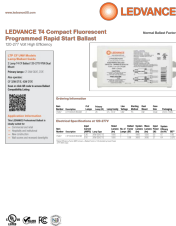




Discover the OSRAM SubstiTUBE® Value LED replacement tubes. This guide provides installation details, technical specifications, and compatibility information for upgrading T8 fluorescent lighting systems.

OSRAM SubstiTUBE® Value LED Tube: Installation and Specifications

Discover the OSRAM SubstiTUBE® Value LED replacement tubes. This guide provides installation details, technical specifications, and compatibility information for upgrading T8 fluorescent lighting systems.

 <p>SubstiTUBE® T8 HF LED tube</p> <p>OSRAM</p>	<p>SubstiTUBE T8 HF LED Tube: Installation Guide and Specifications</p> <p>This document provides essential information and instructions for installing and operating the OSRAM SubstiTUBE T8 HF LED tube. It details compatibility requirements with electronic control gear (ECGs), operating temperature limits, and important safety precautions, along with product specifications and multilingual compatibility information.</p>
 <p>LEDVANCE</p> <p>LEDVANCE T4 Compact Fluorescent Programmed Rapid Start Ballast</p>	<p>LEDVANCE T4 Compact Fluorescent Programmed Rapid Start Ballast LTP2X26CFUNVDM</p> <p>Technical specifications, application details, and ordering information for the LEDVANCE T4 Compact Fluorescent Programmed Rapid Start Ballast (Model LTP2X26CFUNVDM), designed for 120-277V high efficiency lighting in commercial and institutional applications.</p>