

LEDVANCE 22401

SYLVANIA OCTRON T8 Fluorescent Lamp User Manual

MODEL: 22401

1. Introduction

This manual provides comprehensive instructions for the SYLVANIA OCTRON T8 Fluorescent Lamp, Model 22401. It covers essential information regarding product overview, safety, installation, operation, maintenance, troubleshooting, and technical specifications. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

Observe the following safety precautions to prevent injury or damage:

- **Power Disconnection:** Always disconnect power to the fixture before installing, removing, or servicing the lamp.
- **Proper Handling:** Handle fluorescent lamps carefully. Avoid dropping or striking them, as they contain glass and can break.
- **Mercury Content:** Fluorescent lamps contain a small amount of mercury. In case of breakage, ventilate the area and follow local guidelines for cleanup and disposal.
- **Disposal:** Dispose of used lamps according to local environmental regulations. Do not dispose of with general household waste.
- **Ballast Compatibility:** Ensure the lamp is compatible with the existing ballast. Incompatible ballasts can lead to flickering, reduced lamp life, or damage. This lamp is designed for use with rapid and instant start ballasts.
- **Indoor Use Only:** This product is intended for indoor use in appropriate fixtures.

3. Product Overview

The SYLVANIA OCTRON T8 Fluorescent Lamp (Model 22401) is a 32-watt, G12 base lamp designed for general illumination. It provides 2450 lumens of light with a 3500K color temperature, offering a natural white light appearance. With a Color Rendering Index (CRI) of 90, it delivers excellent color accuracy, making it suitable for environments where color perception is critical. The lamp is energy-efficient and has an average rated life of up to 22,500 hours on instant start ballasts and up to 27,000 hours on programmed

SYLVANIA

Natural White

CASE
VALU-PAK

Blanca Natural

OCTRON[®] ECOLOGIC[®]



T8

Medium

Bi-Pin Base

*Base bi-pin (doble-perno)
mediana*



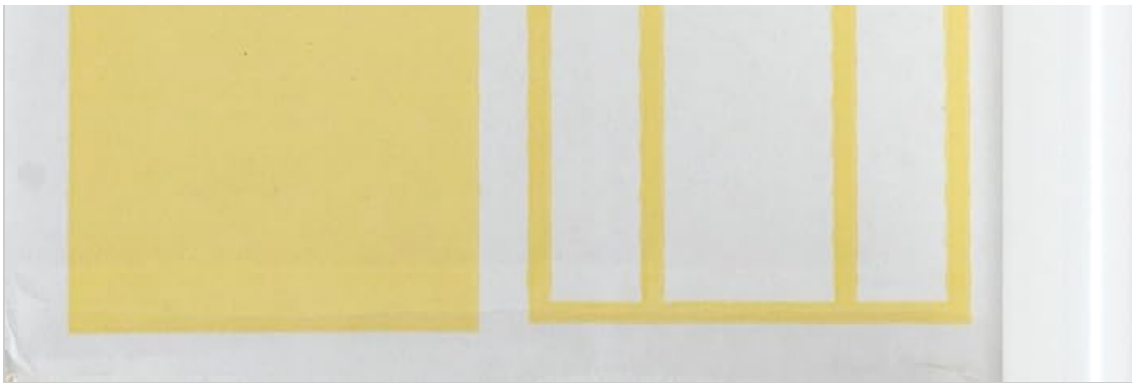


Figure 3.1: Packaging for the SYLVANIA OCTRON T8 Fluorescent Lamp, highlighting its 'Natural White' color and 'Ecologic' features.



Figure 3.2: Side view of the lamp packaging, detailing technical specifications such as 32W and 3500K.

4. Setup and Installation

Follow these steps for safe and correct installation:

1. **Turn Off Power:** Locate the circuit breaker or fuse box controlling the lighting fixture and turn off the power supply. Verify that the power is off before proceeding.
2. **Remove Old Lamp (if applicable):** Carefully twist the old fluorescent lamp 90 degrees and gently pull it out of the lampholders.
3. **Inspect Fixture:** Check the lampholders for any damage or wear. Ensure they are clean and free from debris.
4. **Insert New Lamp:** Align the pins of the new SYLVANIA OCTRON T8 lamp with the slots in the lampholders. Gently push the lamp into the lampholders until the pins are fully seated, then rotate the lamp 90 degrees until it locks into place.
5. **Verify Secure Fit:** Ensure the lamp is securely seated and properly aligned in the fixture.
6. **Restore Power:** Turn the power supply back on at the circuit breaker or fuse box.
7. **Test Lamp:** Turn on the light switch to confirm the lamp illuminates correctly.

Note: For optimal performance and warranty coverage, pair OCTRON T8 lamps with QUICKTRONIC electronic ballasts.

5. Operating Instructions

The SYLVANIA OCTRON T8 Fluorescent Lamp operates by simply turning on the power switch connected to the lighting fixture. The lamp is designed for rapid and instant start systems, providing immediate illumination.

6. Maintenance

Minimal maintenance is required for the SYLVANIA OCTRON T8 Fluorescent Lamp:

- **Cleaning:** Periodically, with the power off, gently wipe the lamp with a soft, dry, lint-free cloth to remove dust and debris. Do not use liquid cleaners directly on the lamp.
- **Replacement:** Replace the lamp when it reaches the end of its useful life (indicated by dimming, flickering, or failure to start). Follow the installation steps in Section 4 for replacement.

7. Troubleshooting

If your SYLVANIA OCTRON T8 lamp is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Lamp does not light up	No power to fixture, incorrect installation, faulty lamp, faulty ballast.	Check power supply. Re-seat lamp. Test with a known good lamp. Consult an electrician if ballast is suspected.
Lamp flickers	Loose connection, incompatible ballast, lamp nearing end of life, cold temperatures.	Ensure lamp is securely seated. Verify ballast compatibility. Replace lamp if old. Ensure operating environment is within recommended temperature range.
Reduced brightness	Dust accumulation, lamp nearing end of life.	Clean lamp surface. Replace lamp if old.
Ends of lamp glow but do not fully light	Faulty ballast, lamp nearing end of life.	Consult an electrician for ballast inspection. Replace lamp.

If troubleshooting steps do not resolve the issue, contact customer support or a qualified electrician.

8. Specifications

Feature	Specification
Brand	LEDVANCE (SYLVANIA)
Model Number	22401

Feature	Specification
Light Type	Fluorescent
Bulb Shape Size	T8
Bulb Base	G12
Wattage	32 Watts
Voltage	120 Volts
Brightness	2450 Lumens
Color Temperature	3500 Kelvin (Natural White)
Color Rendering Index (CRI)	90
Average Life	Up to 22,500 hours (Instant Start), up to 27,000 hours (Programmed Start)
Product Dimensions	48 x 1.1 x 1.1 inches
Material	Glass
Special Feature	Energy Efficient
UPC	046135224010

9. Warranty and Support


For warranty information and customer support, please refer to the official SYLVANIA website or contact LEDVANCE customer service.

Warranty Description: www.sylvania.com

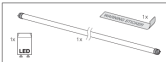
For further assistance, please visit the LEDVANCE store or contact their support channels.

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Related Documents - 22401

	<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>
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LED TUBE T8 UNIVERSAL



The LED TUBE T8 UNIVERSAL is a replacement for T8 fluorescent lamps. It is designed to be used in existing T8 lamp holders and ballasts. The tube is made of high-quality aluminum and has a long life span of up to 50,000 hours. It is available in various lengths and wattages. For more information, please visit www.osram.com.

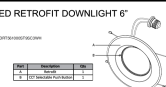
Model	Length (mm)	Power (W)	Light Output (lm)
OSRAM LED TUBE T8 UNIVERSAL	1500	18	2200
OSRAM LED TUBE T8 UNIVERSAL	1200	15	1800
OSRAM LED TUBE T8 UNIVERSAL	900	12	1400
OSRAM LED TUBE T8 UNIVERSAL	600	9	1000
OSRAM LED TUBE T8 UNIVERSAL	300	6	600

OSRAM

LED TUBE T8 UNIVERSAL: Installation and Operation Guide

Comprehensive guide for installing and operating the LED TUBE T8 UNIVERSAL, a replacement for T8 fluorescent lamps. Includes technical specifications, retrofit, and conversion instructions.

LED RETROFIT DOWNLIGHT 6"



The LED RETROFIT DOWNLIGHT 6" is a replacement for 6-inch fluorescent lamps. It is designed to be used in existing 6-inch lamp holders and ballasts. The downlight is made of high-quality aluminum and has a long life span of up to 50,000 hours. It is available in various wattages. For more information, please visit www.ledvance.com.

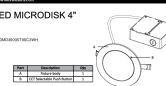
Model	Power (W)	Light Output (lm)
LEDVANCE LED RETROFIT DOWNLIGHT 6"	18	2200
LEDVANCE LED RETROFIT DOWNLIGHT 6"	15	1800
LEDVANCE LED RETROFIT DOWNLIGHT 6"	12	1400

SYLVANIA

LED Retrofit Downlight 6" Installation and Operation Manual - LEDVANCE

Comprehensive guide for installing and operating the LEDVANCE 6-inch LED Retrofit Downlight (Model LEDRT561000ST9SC3WH), including safety instructions, troubleshooting, and warranty information.

LED MICRODISK 4"



The LED MICRODISK 4" is a replacement for 4-inch fluorescent lamps. It is designed to be used in existing 4-inch lamp holders and ballasts. The microdisk is made of high-quality aluminum and has a long life span of up to 50,000 hours. It is available in various wattages. For more information, please visit www.ledvance.com.

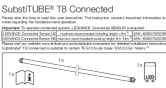
Model	Power (W)	Light Output (lm)
LEDVANCE LED MICRODISK 4"	18	2200
LEDVANCE LED MICRODISK 4"	15	1800
LEDVANCE LED MICRODISK 4"	12	1400

SYLVANIA

LEDVANCE LED Microdisk 4" Installation and Operation Guide

This guide provides detailed instructions for installing, operating, and troubleshooting the LEDVANCE LED Microdisk 4-inch downlight. It includes safety warnings, electrical connection steps, color temperature adjustment, and warranty information. Model: LEDMD4500ST9SC3WH.

SubstiTUBE® T8 Connected



The SubstiTUBE® T8 Connected is a replacement for T8 fluorescent lamps. It is designed to be used in existing T8 lamp holders and ballasts. The tube is made of high-quality aluminum and has a long life span of up to 50,000 hours. It is available in various lengths and wattages. For more information, please visit www.osram.com.


Model	Length (mm)	Power (W)	Light Output (lm)
OSRAM SubstiTUBE® T8 Connected	1500	18	2200
OSRAM SubstiTUBE® T8 Connected	1200	15	1800
OSRAM SubstiTUBE® T8 Connected	900	12	1400
OSRAM SubstiTUBE® T8 Connected	600	9	1000
OSRAM SubstiTUBE® T8 Connected	300	6	600

OSRAM

SubstiTUBE T8 Connected User Instructions

User instructions for the LEDVANCE SubstiTUBE T8 Connected, providing important information and notes regarding installation and operation. Includes details on compatibility, symbols, and installation procedures for both electromagnetic ballast and mains connections.

LEDVANCE Luminaires
OPTI-SELECT UFO High Bay



The LEDVANCE Luminaires OPTI-SELECT UFO High Bay is a replacement for high bay fluorescent lamps. It is designed to be used in existing high bay lamp holders and ballasts. The luminaire is made of high-quality aluminum and has a long life span of up to 50,000 hours. It is available in various wattages. For more information, please visit www.ledvance.com.

Model	Power (W)	Light Output (lm)
LEDVANCE Luminaires OPTI-SELECT UFO High Bay	18	2200
LEDVANCE Luminaires OPTI-SELECT UFO High Bay	15	1800
LEDVANCE Luminaires OPTI-SELECT UFO High Bay	12	1400

LEDVANCE

LEDVANCE OPTI-SELECT UFO High Bay Luminaire Installation Guide

Detailed installation, operation, and safety guide for the LEDVANCE OPTI-SELECT UFO High Bay luminaire. Covers product features, mounting options, wiring, and troubleshooting.