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OSRAM L 8 W/840

OSRAM L 8W/840 T5 Fluorescent Tube Light Bulb

Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your OSRAM L 8W/840 Straight T5 Fluorescent Tube Light Bulb. This 8-watt, 12-inch bulb features a Miniature Bi-Pin (G5) base and emits a 4,000K Cool White light, suitable for various applications requiring efficient illumination.



Figure 1: OSRAM L 8W/840 T5 Fluorescent Tube Light Bulb. This image displays the straight T5 shape and the G5 miniature bi-pin base of the fluorescent tube.

SAFETY INFORMATION

- Always turn off the power supply to the fixture before installing, removing, or cleaning the light bulb.
- Ensure your hands are dry before handling the bulb or electrical components.
- Do not use the bulb in fixtures that exceed its specified wattage or voltage (8W, 240V).
- Handle the fluorescent tube carefully to avoid breakage. Broken glass can cause injury.
- Dispose of used fluorescent bulbs according to local regulations, as they may contain small amounts of mercury.

SETUP AND INSTALLATION

Follow these steps to properly install your OSRAM L 8W/840 T5 Fluorescent Tube Light Bulb:

1. **Power Off:** Before beginning, ensure the power supply to the light fixture is completely turned off at the circuit breaker or switch.
2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, carefully remove it from the fixture. For T5 fluorescent tubes, this typically involves rotating the tube a quarter turn and then gently pulling it out of the sockets.

3. **Insert New Bulb:** Align the bi-pin connectors of the new OSRAM L 8W/840 bulb with the sockets in the fixture. Gently push the bulb into the sockets until it is fully seated.
4. **Secure Bulb:** Once inserted, rotate the fluorescent tube approximately a quarter turn (either clockwise or counter-clockwise) until it locks securely into place. You may need to apply slight force to ensure it is properly seated and connected.
5. **Restore Power:** After the bulb is securely installed, restore power to the fixture.
6. **Test:** Turn on the light switch to confirm the bulb is functioning correctly.

Note: If the bulb does not light up, ensure it is properly seated and rotated into the sockets. If issues persist, refer to the Troubleshooting section.

OPERATING INSTRUCTIONS

The OSRAM L 8W/840 T5 Fluorescent Tube Light Bulb is designed for straightforward operation. Once installed in a compatible fixture and power is supplied, it will illuminate when the fixture's switch is activated. This bulb provides a consistent 4,000K Cool White light with a brightness of 430 lumens, ideal for general illumination in various indoor environments.

- **Light Color:** Cool White (4,000K)
- **Brightness:** 430 Lumens
- **Energy Efficiency:** This bulb is designed to be energy efficient, consuming 8 watts of power.

MAINTENANCE

Minimal maintenance is required for the OSRAM L 8W/840 fluorescent tube. To ensure optimal performance and longevity:

- **Cleaning:** Periodically, with the power off and the bulb cool, gently wipe the tube with a soft, dry, lint-free cloth to remove dust and debris. Do not use liquid cleaners directly on the bulb.
- **Replacement:** The average rated lifetime of this bulb is 8,000 hours. However, actual lifespan can vary depending on usage patterns and environmental conditions. Replace the bulb when it begins to flicker, dim significantly, or fails to illuminate.

TROUBLESHOOTING

If you encounter issues with your OSRAM L 8W/840 T5 Fluorescent Tube Light Bulb, consider the following:

- **Bulb Does Not Light Up:**
 - Ensure the power supply to the fixture is on.
 - Verify the bulb is correctly inserted and securely rotated into the fixture's sockets.
 - Check if the fixture's starter (if applicable) or ballast is functioning correctly.
 - Test the bulb in another compatible fixture, if available, to determine if the issue is with the bulb or the fixture.
- **Bulb Flickers or Dims:**
 - This can indicate the bulb is nearing the end of its lifespan and may need replacement.
 - Ensure stable power supply to the fixture.
 - Check for loose connections in the fixture.
- **Short Lifespan:**
 - While the average lifetime is 8,000 hours, factors like frequent switching, voltage fluctuations, or

operating in extreme temperatures can reduce bulb life.

- Ensure the fixture and ballast are compatible with T5 fluorescent tubes.

SPECIFICATIONS

Feature	Detail
Brand	OSRAM
Model Number	L 8 W/840 (241623)
Light Type	Fluorescent
Wattage	8 Watts
Bulb Shape Size	T5 (Straight Tube)
Bulb Base	G5 (Miniature Bi-Pin)
Light Color	Cool White
Color Temperature	4,000 Kelvin
Brightness	430 Lumens
Voltage	240 Volts
Average Lifetime	8,000 hours
Material Type	Copper
Item Weight	0.03 Kilograms

WARRANTY AND SUPPORT

For specific warranty information regarding your OSRAM L 8W/840 T5 Fluorescent Tube Light Bulb, please refer to the documentation provided at the time of purchase or contact the retailer/manufacturer directly. OSRAM products are designed for quality and reliability.

For further assistance or inquiries, you may visit the official OSRAM store or contact their customer support channels.

OSRAM Store: <https://www.amazon.com/stores/OSRAM/page/53E5D43D-7018-4B85-AFDE-C3704DEEB198>