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› [OSRAM](#) /

› OSRAM L 18W/827 Straight T8 Fluorescent Tube Light Bulb User Manual

OSRAM 325675

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Model: 325675

INTRODUCTION

This manual provides essential information for the safe and effective use of your OSRAM L 18W/827 Straight T8 Fluorescent Tube Light Bulb. Please read this manual thoroughly before installation and retain it for future reference. This fluorescent tube is designed for general illumination purposes, offering a warm white light with high energy efficiency.



Image: The OSRAM L 18W/827 Straight T8 Fluorescent Tube Light Bulb, showing its standard cylindrical shape and bi-pin base.

SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure power is turned **OFF** at the main circuit breaker before installing or removing the bulb.
- Do not handle the bulb with wet hands.
- Do not attempt to disassemble or modify the bulb.
- Dispose of used fluorescent bulbs according to local regulations, as they contain small amounts of mercury. Do not dispose of in regular household waste.
- Avoid direct eye exposure to the light source for prolonged periods.
- Use only in fixtures designed for T8 fluorescent tubes with a G13 bi-pin base and appropriate ballast.

SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Power Off:** Locate the circuit breaker controlling the light fixture and switch it to the OFF position. Verify that the power is off by attempting to turn on the light.
2. **Remove Old Bulb (if applicable):** Carefully twist the old fluorescent tube 90 degrees to align the pins with the slots in the fixture's lampholders, then gently pull it out.
3. **Insert New Bulb:** Align the two pins on each end of the new OSRAM T8 fluorescent tube with the slots in the lampholders. Insert the pins fully into the slots.
4. **Secure Bulb:** Once the pins are fully inserted, rotate the tube 90 degrees until it clicks securely into place. The tube should feel firm and not wobble.
5. **Restore Power:** Return to the circuit breaker and switch the power back ON.
6. **Test:** Turn on the light switch to confirm the bulb is working correctly.

Note: If the bulb does not light up, ensure it is properly seated in the lampholders and that the ballast in the fixture is functioning correctly.

OPERATING INSTRUCTIONS

The OSRAM L 18W/827 Fluorescent Tube operates immediately upon receiving power from a compatible fixture. Simply use the wall switch or fixture control to turn the light on or off. This bulb is designed for consistent performance in appropriate environments.

MAINTENANCE

Minimal maintenance is required for this fluorescent tube:

- **Cleaning:** To clean the bulb, ensure the power is off and the bulb has cooled. Gently wipe the surface with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Replace the bulb when it reaches the end of its operational life, indicated by flickering, dimming, or failure to illuminate. Refer to the "Setup and Installation" section for replacement procedures.
- **Handling:** Always handle the bulb by its ends or base to avoid leaving fingerprints on the glass, which can affect light output and lifespan.

TROUBLESHOOTING

If your fluorescent tube is not functioning as expected, consider the following common issues:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture. Bulb not properly seated. Faulty ballast or starter (if applicable). Bulb has reached end of life.	Check circuit breaker and wall switch. Re-seat the bulb, ensuring pins are fully inserted and twisted. Consult a qualified electrician to inspect/replace ballast/starter. Replace the bulb.

Problem	Possible Cause	Solution
Bulb flickers or hums.	Loose connection.	Ensure bulb is securely seated.
	Aging ballast or starter.	Consult a qualified electrician.
	Bulb nearing end of life.	Replace the bulb.
	Low ambient temperature.	Fluorescent bulbs perform best in moderate temperatures.
Reduced brightness.	Dust or dirt on the bulb.	Clean the bulb as per maintenance instructions.
	Bulb nearing end of life.	Replace the bulb.

SPECIFICATIONS

Attribute	Value
Brand	OSRAM
Model Number	325675 (4050300325675)
Light Type	Fluorescent
Wattage	18 Watts
Bulb Shape Size	T8
Bulb Base	G13 (Medium Bi-Pin)
Light Color	Warm White
Color Temperature	2700 Kelvin
Brightness	1350 Lumens
Color Rendering Index (CRI)	85
Average Lifetime	20,000 hours
Voltage	230 Volts
Product Dimensions	23.82 x 0.98 x 23.82 inches
Item Weight	8.8 ounces
Material	Copper (base)

WARRANTY AND SUPPORT

For information regarding warranty coverage and customer support for your OSRAM product, please refer to the official OSRAM website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Official OSRAM Website: www.osram.com

