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Tecnolite 09T8LED60MV65CT

Tecnolite LED Tube Lamp G13 09T8LED60MV65CT User Manual

Model: 09T8LED60MV65CT

1. Introduction

This manual provides instructions for the safe and efficient installation, operation, and maintenance of your Tecnolite LED Tube Lamp G13, model 09T8LED60MV65CT. Please read this manual thoroughly before use and retain it for future reference.

The Tecnolite LED Tube Lamp is designed for energy-efficient illumination, offering a luminous efficiency of 75% to 90% compared to traditional incandescent or fluorescent lamps. It features a G13 base type and provides 800 lumens of daylight illumination.

2. Safety Information

WARNING: To prevent electric shock, fire, or personal injury, always follow these safety precautions:

- Ensure power is disconnected at the circuit breaker before installation, removal, or inspection.
- Do not attempt to disassemble or modify the lamp.
- Do not use in enclosed fixtures unless specifically rated for such use.
- Do not use with dimmers unless the lamp is explicitly stated as dimmable. This model is not specified as dimmable.
- Handle with care. The lamp is made of glass.
- Keep away from water and moisture.
- This product is intended for indoor use only.

3. Package Contents

Verify that all components are present:

- 1 x Tecnolite LED Tube Lamp (Model: 09T8LED60MV65CT)
- 1 x Installation Manual (this document)
- Warranty Information

4. Installation Instructions

This LED tube lamp is designed to replace traditional fluorescent T8 tubes with a G13 base. It operates on 127 Volts.

1. **Power Disconnection:** Before beginning installation, ensure the power supply to the fixture is completely turned off at the circuit breaker.
2. **Remove Old Lamp:** Carefully remove the existing fluorescent tube from the fixture.
3. **Bypass Ballast (if applicable):** This LED tube is designed for direct connection to the main voltage (127V) and typically requires bypassing the existing ballast in the fixture. Consult a qualified electrician if you are unsure about ballast removal or wiring. *Failure to bypass the ballast may damage the LED tube and void the warranty.*
4. **Install LED Tube:** Insert the Tecnolite LED Tube Lamp into the G13 sockets of the fixture. Ensure it is securely seated.
5. **Restore Power:** Once the LED tube is securely installed and wiring is confirmed, restore power at the circuit breaker.
6. **Test:** Turn on the light switch to verify proper operation.



Figure 4.1: Tecnolite LED Tube Lamp G13. This image shows the full length of the transparent LED tube lamp with G13 pins at both ends.

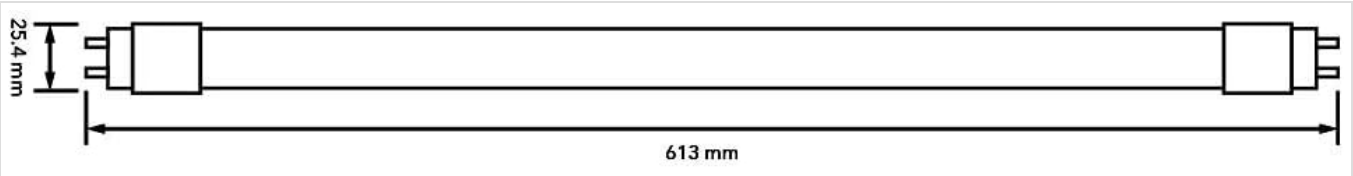

Figure 4.2: Dimensional diagram of the Tecnolite LED Tube Lamp. The diagram indicates a length of 613 mm and a diameter of 25.4 mm, with G13 pins at each end.

5. Operating Instructions

The Tecnolite LED Tube Lamp operates like a standard light bulb once installed correctly.

- **Turning On/Off:** Use the wall switch connected to the fixture to turn the lamp on or off.
- **Light Output:** This lamp provides 800 lumens of daylight (6500K) illumination.
- **Energy Efficiency:** The LED technology ensures low power consumption (9 Watts) while providing significant light output.

6. Maintenance

The Tecnolite LED Tube Lamp requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the lamp. Do not use abrasive cleaners or solvents.

- **Replacement:** The lamp has a long lifespan. If replacement is necessary, follow the installation instructions in reverse order.

7. Troubleshooting

If the LED tube lamp does not function correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Lamp does not turn on.	◦ No power to the fixture. ◦ Lamp not properly seated. ◦ Ballast not bypassed (if applicable). ◦ Faulty lamp or fixture.	◦ Check circuit breaker and wall switch. ◦ Ensure lamp is securely inserted into sockets. ◦ Verify ballast has been bypassed by a qualified electrician. ◦ Test with a known working lamp or fixture.
Lamp flickers.	◦ Loose connection. ◦ Incompatible dimmer (if used). ◦ Voltage fluctuations.	◦ Check lamp seating and wiring connections. ◦ Ensure no dimmer is used, or replace with a compatible LED dimmer if the lamp is dimmable (this model is not). ◦ Consult an electrician to check household voltage.

If problems persist, contact Tecnolite customer support.

8. Specifications

Model Number	09T8LED60MV65CT
Brand	Tecnolite
Bulb Type	LED
Bulb Shape Size	T8
Base Type	G13
Wattage	9 Watts
Voltage	127 Volts
Luminous Flux	800 Lumens
Light Color Temperature	Daylight (6500K)
Material	Glass
Dimensions (Length x Diameter)	613 mm x 25.4 mm (approx. 24.13 inches x 1 inch)
Special Features	Low consumption, Energy Saver
Included Components	T8 type bulb, Warranty, Installation manual

9. Warranty Information

This Tecnolite LED Tube Lamp comes with a**5-year warranty**. For warranty claims or detailed terms and conditions, please refer to the warranty document included in your package or contact Tecnolite customer support.
The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

10. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Tecnolite customer support through their official website or the contact information provided with your product.
When contacting support, please have your product model number (09T8LED60MV65CT) and purchase date available.

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