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GE 13142

GE LED 32-Watt EQ Cool White Tube Light Bulb (8-Pack) 13142 User Manual

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your GE LED T8 Tube Light Bulbs, model 13142. These LED tubes are designed to replace traditional 48-inch T8 fluorescent bulbs in existing fixtures with electronic ballasts, offering energy efficiency and a long lifespan.

2. Safety Information

Please read and understand all safety instructions before installing or using these light bulbs. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **WARNING: Risk of Electric Shock.** Always turn off power to the fixture at the circuit breaker or fuse box before installation, removal, or inspection.
- Do not use with dimmers unless specifically rated for LED T8 tubes compatible with dimming ballasts. This product is designed for non-dimming electronic T8 ballasts.
- Do not disassemble or modify the bulb. There are no user-serviceable parts inside.
- Ensure the fixture is properly grounded.
- This bulb is designed for indoor use or enclosed outdoor fixtures only. Do not expose to direct water spray or extreme weather conditions.
- Handle bulbs carefully. Do not drop or subject to excessive force.
- Dispose of used bulbs according to local regulations.

3. Package Contents

Your package should contain the following items:

- 8 x GE LED 48-inch T8 Tube Light Bulbs (Model 13142)



Image: Packaging of GE LED 48-inch T8 Tube Light Bulbs, model 13142, indicating an 8-pack. The packaging highlights key features such as 15 watts power consumption, 36,000 hours lifespan, 1800 lumens light output, and 6500K daylight color temperature.

4. Installation Instructions

These GE LED T8 tubes are designed for direct replacement of 48-inch T8 fluorescent bulbs in fixtures equipped with an electronic ballast. No rewiring is typically required for compatible ballasts.

1. **Turn Off Power:** Before beginning installation, ensure the power to the light fixture is completely turned off at the circuit breaker or fuse box. Verify the power is off by attempting to turn on the light switch.
2. **Remove Existing Fluorescent Bulbs:** Carefully rotate the existing 48-inch T8 fluorescent bulbs 90 degrees and gently pull them out of the fixture sockets.
3. **Insert LED Tube:** Align the bi-pin connectors (G13 base) of the GE LED T8 tube with the sockets in the fixture. Gently push the pins into the sockets and rotate the tube 90 degrees until it locks securely into place. Ensure both ends of the tube are firmly seated.



Image: Side view of a GE LED T8 tube light bulb, illustrating its standard cylindrical form factor and frosted light-diffusing surface.



Image: Close-up view of the G13 bi-pin base of the GE LED T8 tube, highlighting the two electrical contact pins that connect to the fixture's sockets.

4. **Restore Power:** Once all LED tubes are securely installed, restore power to the fixture at the circuit breaker or fuse box.
5. **Test:** Turn on the light switch to confirm proper operation.

Important Note: These LED tubes are designed to work with existing electronic T8 ballasts. Compatibility may vary. If the bulbs do not light up or flicker, consult the troubleshooting section or contact GE customer support.

5. Operating Instructions

Operating your GE LED T8 Tube Light Bulbs is straightforward:

- Simply use the existing wall switch connected to your fixture to turn the lights on or off.
- These bulbs provide instant full brightness (1800 lumens) with a cool, bluish-white light (6500 Kelvin).
- The LED technology ensures a long operational life of approximately 36,000 hours, significantly reducing the need for frequent replacements.

6. Maintenance

GE LED T8 Tube Light Bulbs require minimal maintenance due to their long lifespan and durable design.

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the bulb. Do not use harsh chemicals or abrasive cleaners.
- **Replacement:** When a bulb reaches the end of its operational life, replace it with another GE LED T8 Tube Light Bulb (Model 13142) or a compatible LED T8 tube. Always turn off power before replacing.

7. Troubleshooting

If you encounter issues with your GE LED T8 Tube Light Bulbs, refer to the following common troubleshooting steps:

- **Bulb Does Not Light Up:**
  - Ensure the power to the fixture is on at both the wall switch and the circuit breaker.
  - Verify the LED tube is correctly seated in the fixture sockets. Gently push and rotate to ensure a secure connection.
  - Check if the existing electronic ballast is compatible with LED T8 tubes. Some older or incompatible ballasts may not work.
  - Test the bulb in another known working fixture, if available, to determine if the issue is with the bulb or the

fixture/ballast.

- **Bulb Flickers:**
  - Flickering can indicate ballast incompatibility. Ensure your fixture's electronic ballast is compatible with LED T8 tubes.
  - Ensure the bulb is securely installed and making good contact with the sockets.
- **Reduced Brightness or Uneven Light:**
  - Confirm the power supply voltage is within the specified range (100-120 Volts).
  - Ensure the bulb is clean and free from obstructions.

If these steps do not resolve the issue, please contact GE customer support for further assistance.

8. Specifications

Feature	Specification
Brand	GE
Model Number	13142
Light Type	LED
Equivalent Wattage	32 Watts (Fluorescent)
Actual Power Consumption	15 Watts
Bulb Shape Size	T8 (1-inch diameter)
Bulb Length	48 inches
Bulb Base	G13 (Medium Bi-pin)
Light Color	Daylight (Cool White)
Color Temperature	6500 Kelvin
Brightness	1800 Lumens
Voltage	120 Volts (100 to 120 Volts and 60 Hertz)
Rated Life	36,000 Hours
Indoor/Outdoor Usage	Indoor, Enclosed Outdoor
Material	Copper
GTIN / UPC	043168131421
Package Quantity	8 Bulbs

9. Warranty and Support

For warranty information or technical support, please contact GE customer service. Keep your purchase receipt as proof of purchase.
You can typically find support contact details on the GE official website or on the product packaging.

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