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› GE F14W/T5/850/ECO Straight T5 Fluorescent Tube Light Bulb User Manual

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Model: F14W/T5/850/ECO

1. PRODUCT OVERVIEW

The GE F14W/T5/850/ECO is a 14-watt, straight T5 fluorescent tube light bulb designed for general lighting applications. It features a G5 miniature bi-pin base and provides a daylight white light with a color temperature of 5000 Kelvin. This bulb offers high energy efficiency and a long average lifespan, making it suitable for various residential and commercial settings.



Image 1.1: GE F14W/T5/850/ECO Straight T5 Fluorescent Tube Light Bulb. This image displays the linear fluorescent tube with its G5 bi-pin base at each end.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating this fluorescent light bulb. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- **Risk of Electric Shock:** Always turn off power at the circuit breaker or fuse box before installation, removal, or inspection.
- **Risk of Fire:** Do not exceed the maximum wattage rating of the fixture. Ensure the bulb is compatible with the fixture's ballast type.
- **Handling:** Handle fluorescent bulbs carefully. They contain a small amount of mercury. If a bulb breaks, ventilate the room and clean up broken glass and mercury according to local regulations.

- **Disposal:** Dispose of used fluorescent bulbs in accordance with local, state, and federal regulations. Many communities have recycling programs for fluorescent lamps.
 - **Operating Temperature:** Ensure the operating environment is within the recommended temperature range for fluorescent bulbs.
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3. SETUP AND INSTALLATION

This section provides general instructions for installing a T5 fluorescent tube. Specific fixture designs may vary.

1. **Turn Off Power:** Before beginning, ensure the power to the light fixture is completely turned off at the circuit breaker or fuse box.
 2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, carefully twist the old bulb to align its pins with the slots in the lampholders, then gently pull it out.
 3. **Inspect Fixture:** Check the lampholders for any damage or corrosion. Ensure the fixture is clean and dry.
 4. **Insert New Bulb:** Align the two pins at each end of the GE F14W/T5/850/ECO bulb with the slots in the lampholders. Gently push the bulb into the lampholders until the pins are fully seated, then twist the bulb approximately 90 degrees until it locks into place. Do not force the bulb.
 5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture at the circuit breaker or fuse box.
 6. **Test:** Turn on the light switch to verify proper operation.
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4. OPERATING INSTRUCTIONS

The GE F14W/T5/850/ECO fluorescent tube operates like a standard fluorescent bulb. Once installed in a compatible fixture with a working ballast and power supplied, it will illuminate when the fixture's switch is turned on.

- **Switching On/Off:** Use the wall switch or fixture switch to turn the light on or off.
 - **Warm-up Time:** Fluorescent bulbs may require a brief warm-up period to reach full brightness, especially in colder environments.
 - **Frequent Switching:** While modern fluorescent bulbs are more robust, very frequent switching (on/off cycles) can slightly reduce their overall lifespan.
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5. MAINTENANCE

Minimal maintenance is required for the GE F14W/T5/850/ECO fluorescent tube.

- **Cleaning:** Periodically, with the power off and the bulb cooled, gently wipe the bulb with a soft, dry, lint-free cloth to remove dust and debris. Do not use liquid cleaners directly on the bulb.
- **Replacement:** Replace the bulb when it reaches the end of its useful life (indicated by flickering, dimming, or failure to light). Follow the installation instructions in Section 3 for replacement.
- **Fixture Inspection:** Occasionally inspect the fixture for loose wiring, damaged lampholders, or signs of overheating. Address any issues promptly.

6. TROUBLESHOOTING

If your GE F14W/T5/850/ECO fluorescent tube is not functioning correctly, refer to the table below for common issues and solutions.

Problem	Possible Cause	Solution
Bulb does not light up.	No power to fixture, bulb not seated correctly, faulty ballast, faulty bulb.	Check circuit breaker. Re-seat bulb. Test with a known good bulb. Consult an electrician if ballast is suspected.
Bulb flickers or is dim.	Bulb nearing end of life, incorrect ballast, cold environment, loose connection.	Replace bulb. Ensure ballast is compatible. Allow bulb to warm up. Check connections.
Bulb makes buzzing noise.	Faulty ballast, loose fixture components.	Consult an electrician to inspect or replace ballast. Tighten fixture components.
Ends of bulb are dark.	Normal aging, bulb nearing end of life.	Replace bulb.

7. SPECIFICATIONS

Detailed technical specifications for the GE F14W/T5/850/ECO Straight T5 Fluorescent Tube Light Bulb.

Specification	Value
Brand	GE
Model Number	F14W/T5/850/ECO (UPC: 043168466745)
Light Type	Fluorescent
Wattage	14 Watts
Bulb Base	G5 (Miniature Bi-Pin)
Light Color	Daylight White
Color Temperature	5000 Kelvin
Brightness	1300 Lumens (Initial), 1350 Lumens (Feature Bullet)
Color Rendering Index (CRI)	85
Average Lifetime	36,000 hours
Length	22.17 inches
Shape	T5 (Tubular, 5/8 inch diameter)
Material Type	Copper (for pins/contacts)

8. WARRANTY AND SUPPORT

For warranty information and customer support regarding your GE F14W/T5/850/ECO Fluorescent Tube Light Bulb, please refer to the packaging or contact GE Lighting customer service directly. Keep your purchase receipt for warranty claims.

GE Lighting Customer Service: Please visit the official GE Lighting website or refer to the contact information provided with your product for the most up-to-date support options.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question