

SYLVANIA 20312

Sylvania 20312 CF7DS/E/827 Compact Fluorescent Lamp User Manual

Model: 20312 (CF7DS/E/827)

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Sylvania 20312 CF7DS/E/827 Compact Fluorescent Lamp. Please read these instructions carefully before installation and retain them for future reference.

2. PRODUCT OVERVIEW

The Sylvania 20312 CF7DS/E/827 is a 7-watt T4 compact fluorescent lamp designed for general lighting applications. It features a 4-pin (2G7) base and emits a warm white light at 2700 Kelvin, providing 400 lumens of brightness. This energy-efficient bulb is suitable for indoor use.



Image 1: Sylvania 20312 CF7DS/E/827 Compact Fluorescent Lamp, showing its dual-tube design and 4-pin base.

3. SAFETY INFORMATION

- **Electrical Hazard:** Always turn off power at the circuit breaker or fuse box before installing or removing the lamp.
- **Handle with Care:** Fluorescent lamps contain a small amount of mercury. Handle with care to avoid breakage. In case of breakage, follow local guidelines for cleanup and disposal.
- **Proper Fixture:** Use only in fixtures designed for compact fluorescent lamps with a 2G7 4-pin base.
- **Indoor Use Only:** This lamp is rated for indoor use. Do not expose to water or excessive moisture.
- **Operating Temperature:** Ensure the operating environment is within the recommended temperature range for fluorescent lamps.
- **Disposal:** Dispose of used lamps according to local regulations for fluorescent bulbs, which often require special recycling due to mercury content.

4. SETUP AND INSTALLATION

1. **Step 1: Power Off.** Ensure the power supply to the fixture is completely turned off at the main circuit breaker or fuse box before beginning installation.
2. **Step 2: Remove Old Lamp (if applicable).** If replacing an existing lamp, carefully remove it from the fixture. Allow hot lamps to cool before handling.
3. **Step 3: Insert New Lamp.** Align the 4 pins of the Sylvania 20312 lamp with the corresponding slots in the 2G7 fixture socket. Gently push the lamp straight into the socket until it is firmly seated. Do not force the lamp, as this may damage the pins or the socket.
4. **Step 4: Secure Lamp.** Ensure the lamp is securely in place and does not wobble.
5. **Step 5: Restore Power.** Once the lamp is securely installed, restore power to the fixture from the

circuit breaker or fuse box.

Note: This lamp requires a compatible ballast to operate. Ensure your fixture has the correct ballast for a 7-watt 4-pin compact fluorescent lamp.

5. OPERATING INSTRUCTIONS

After successful installation and restoration of power, the Sylvania 20312 lamp will illuminate when the fixture's switch is turned on. Fluorescent lamps may take a few moments to reach full brightness, especially in colder environments.

6. MAINTENANCE

- **Cleaning:** Turn off power and allow the lamp to cool before cleaning. Wipe the lamp with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Replace the lamp when it reaches the end of its useful life (average life of 20,000 hours) or if it shows signs of flickering, dimming, or failure. Follow the installation steps for replacement.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lamp does not light.	No power to fixture; Lamp not seated correctly; Faulty ballast; Damaged lamp.	Check power supply; Re-seat lamp; Consult an electrician for ballast check; Replace lamp.
Lamp flickers or dims.	Lamp nearing end of life; Incompatible or failing ballast; Low operating temperature.	Replace lamp; Consult an electrician for ballast check; Ensure adequate operating temperature.
Lamp takes a long time to start.	Normal for fluorescent lamps, especially in cold; Lamp nearing end of life.	Allow time for warm-up; Replace lamp if issue persists.

8. SPECIFICATIONS

Brand: SYLVANIA
Model Name: CF7DS/E/827
Part Number: 20312
Light Type: Compact Fluorescent (CFL)
Wattage: 7 Watts
Incandescent Equivalent: 45 Watts
Bulb Shape Size: T4
Base Type: 4-Pin (2G7)
Brightness: 400 Lumens
Light Color: Warm White
Color Temperature: 2700 Kelvin

Color Rendering Index (CRI): 74

Average Life: 20,000 Hours

Indoor/Outdoor Usage: Indoor

Special Feature: Energy Efficient

Material: Mercury (contains)

Accepted Voltage Frequency: 100 to 120 Volts and 60 Hertz

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official SYLVANIA website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

SYLVANIA Customer Service: Please visit www.sylvania.com for contact details and further assistance.