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1. INTRODUCTION

This manual provides essential information for the safe and effective use of your **OSRAM DE26W840 26-watt Osram Dulux Fluorescent Lamp**. This compact fluorescent lamp (CFL) features a 4-pin G24q-3 base and emits a 4000K cool white light. It is designed for use with suitable electronic control gear (ECG) and is dimmable within a 3-100% range.

The lamp is characterized by its short and compact design with double-turn tubes, offering an average operational life of 20,000 hours when used with OSRAM QUICKTRONIC systems. Its color rendering index (Ra) is 80, ensuring good color perception.



Figure 1: OSRAM DE26W840 Fluorescent Lamp. This image shows the compact fluorescent lamp with its double-turn tubes and 4-pin base.

2. SAFETY INFORMATION

- **Power Off:** Always ensure the power supply to the fixture is turned off before installing, removing, or cleaning the lamp.
- **Handle with Care:** Fluorescent lamps contain small amounts of mercury. Handle with care to avoid breakage. In case of breakage, follow local guidelines for cleanup and disposal.
- **Compatibility:** Use only with compatible fixtures and electronic control gear (ECG) designed for G24q-3 4-pin compact fluorescent lamps. Incorrect ballast or fixture can lead to lamp failure or safety hazards.
- **Indoor Use:** This lamp is intended for indoor use only.
- **Disposal:** Dispose of used lamps according to local environmental regulations. Do not dispose of

with general household waste.

- **Dimmability:** This lamp is dimmable. Ensure your dimmer switch and fixture are compatible with dimmable CFLs and the specified dimming range (3-100%).

3. INSTALLATION

1. **Turn Off Power:** Locate the circuit breaker or wall switch that controls the fixture and turn off the power. Verify that the power is off before proceeding.
2. **Remove Old Lamp (if applicable):** If replacing an existing lamp, allow it to cool completely. Gently grasp the lamp and pull it straight out from the socket. Do not twist forcefully.
3. **Inspect Fixture:** Ensure the fixture's socket is clean and free from debris. Confirm it is a G24q-3 4-pin base.
4. **Insert New Lamp:** Align the four pins of the OSRAM DE26W840 lamp with the corresponding slots in the fixture's socket. Gently push the lamp straight into the socket until it is fully seated and secure. Do not force the lamp.
5. **Restore Power:** Once the lamp is securely installed, restore power to the fixture.



Figure 2: Detail of the G24q-3 4-pin base. Ensure these pins align correctly with the fixture's socket during installation.

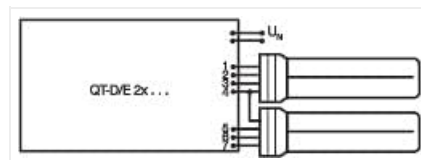


Figure 3: Example wiring diagram for a compact fluorescent lamp with an electronic control gear (ECG). Consult a qualified electrician if you are unsure about your fixture's wiring.

4. OPERATION

After successful installation, turn on the power to the fixture. The lamp should illuminate immediately. If the fixture is connected to a compatible dimmer, you can adjust the light output within the 3-100% dimming range.

Allow a short warm-up period for the lamp to reach full brightness and stable color temperature, which is typical for fluorescent technology.

5. MAINTENANCE

- **Cleaning:** To clean the lamp, ensure the power is off and the lamp has cooled. Use a soft, dry, lint-free cloth to gently wipe the glass. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Replace the lamp when it reaches the end of its operational life, indicated by flickering, dimming, or failure to ignite. Follow the installation steps for replacement.

6. TROUBLESHOOTING

- **Lamp Does Not Light:**
 - Check if the power supply to the fixture is on.
 - Ensure the lamp is correctly and securely seated in the socket.
 - Verify that the fixture's ballast (electronic control gear) is functioning correctly and is compatible with a 26-watt G24q-3 CFL.
 - Test with a known working lamp if available.
- **Lamp Flickers or Dims:**
 - This may indicate the lamp is nearing the end of its operational life.
 - Ensure the dimmer switch (if used) is compatible with dimmable CFLs and is functioning correctly.
 - Check for loose connections in the fixture.
- **Lamp Emits Unusual Noise:**
 - Turn off power immediately. This could indicate an issue with the ballast or the lamp itself. Replace the lamp or consult a qualified electrician.

7. SPECIFICATIONS

Model Number	DE26W840
Brand	OSRAM
Light Type	Compact Fluorescent Light (CFL)
Wattage	26 Watts
Incandescent Equivalent	75 Watts
Base Type	G24q-3 (4-pin)
Color Temperature	4000 Kelvin (Cool White)
Brightness	1750 Lumens
Color Rendering Index (CRI)	80
Dimmable	Yes (3-100% with compatible dimmer)
Average Rated Life	20,000 Hours (with QUICKTRONIC)
Voltage Compatibility	100 to 240 Volts, 60 Hertz (requires suitable ECG)
Indoor/Outdoor Use	Indoor Use Only
Bulb Shape	Double-turn tubes (T-shape classification)
Item Weight	50 Grams



Figure 4: Product packaging for OSRAM DE26W840, displaying key specifications and branding.

8. DISPOSAL

This fluorescent lamp contains a small amount of mercury. It is important to dispose of it properly to protect the environment. Do not dispose of with regular household waste.

Please check with your local waste management authority or recycling centers for specific instructions on how to recycle or dispose of fluorescent lamps in your area. Many retailers that sell fluorescent lamps also offer recycling programs.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official OSRAM website. Warranty terms and conditions may vary by region and retailer.

For technical support or further assistance, please contact OSRAM customer service through their official website or the contact information provided on the product packaging.