

OSRAM OSRAM DULUX D LED EM & AC MAINS

OSRAM DULUX D 18 LED Lamp Instruction Manual

Model: OSRAM DULUX D LED EM & AC MAINS

1. PRODUCT OVERVIEW

The OSRAM DULUX D 18 LED Lamp is designed as an energy-efficient replacement for conventional 18W compact fluorescent lamps (CFLs) with a G24d-2 2-pin plug-in socket. This 7-watt LED lamp provides 700 lumens of warm white light (3000K) and can operate on either a conventional ballast (KVG) or directly on mains voltage (230V).

Key features include a rotatable base ($\pm 90^\circ$) for flexible light direction and a long lifespan of up to 30,000 hours. It is suitable for various applications, including supermarkets, hallways, hotels, and restaurants, and can be used in outdoor luminaires if the fixture is suitable.



Image 1.1: OSRAM DULUX D 18 LED Lamp in its retail packaging.

2. SAFETY INFORMATION

- **Electrical Safety:** Always disconnect power to the luminaire before installing, removing, or servicing the lamp.

- **Compatibility:** Ensure the luminaire is compatible with G24d-2 2-pin LED lamps. This lamp is designed for operation with KVG (conventional ballast) or direct 230V mains voltage.
- **Indoor/Outdoor Use:** Suitable for indoor use. For outdoor applications, ensure the luminaire provides adequate protection (e.g., IP rating) for the lamp. The lamp itself has an IP20 protection class.
- **Do Not Disassemble:** Do not attempt to open or modify the lamp. There are no user-serviceable parts inside.
- **Disposal:** Dispose of the lamp according to local regulations for electronic waste.

3. INSTALLATION

1. **Disconnect Power:** Before beginning installation, ensure the power supply to the luminaire is completely switched off at the circuit breaker or fuse box.
2. **Remove Existing Lamp:** Carefully remove the old compact fluorescent lamp from the G24d-2 socket.
3. **Insert LED Lamp:** Align the 2-pin base of the OSRAM DULUX D 18 LED Lamp with the G24d-2 socket in the luminaire. Gently push the lamp into the socket until it is securely seated.
4. **Adjust Rotation (Optional):** The lamp features a rotatable base ($\pm 90^\circ$). Once inserted, you can carefully rotate the lamp along its longitudinal axis to direct the light as needed.
5. **Restore Power:** Once the lamp is securely installed, restore power to the luminaire.





Image 3.1: OSRAM DULUX D 18 LED Lamp showing its G24d-2 base.

4. OPERATION

Once installed and power is restored, the OSRAM DULUX D 18 LED Lamp will illuminate instantly when the luminaire's switch is turned on. It provides a consistent warm white light at 3000 Kelvin with a brightness of 700 lumens.

No special controls or warm-up time are required for this lamp. Simply use the existing light switch of your fixture to turn the lamp on and off.

5. MAINTENANCE

The OSRAM DULUX D 18 LED Lamp is designed for long-term, maintenance-free operation with a lifespan of up to 30,000 hours.

- **Cleaning:** To clean the lamp, ensure the power is off and the lamp has cooled down. Wipe gently with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **No User-Serviceable Parts:** This LED lamp contains no user-serviceable components. Do not attempt to repair it.

6. TROUBLESHOOTING

• Lamp Does Not Light Up:

- Check if the power supply to the luminaire is on.
- Ensure the lamp is correctly and securely inserted into the G24d-2 socket.
- Verify that the luminaire itself is functioning correctly.

• Lamp Flickers:

- Ensure the lamp is fully compatible with the luminaire's electrical system (KVG or direct mains).
- Check for loose connections in the socket.

If issues persist after performing these checks, contact a qualified electrician or OSRAM customer support.

7. SPECIFICATIONS

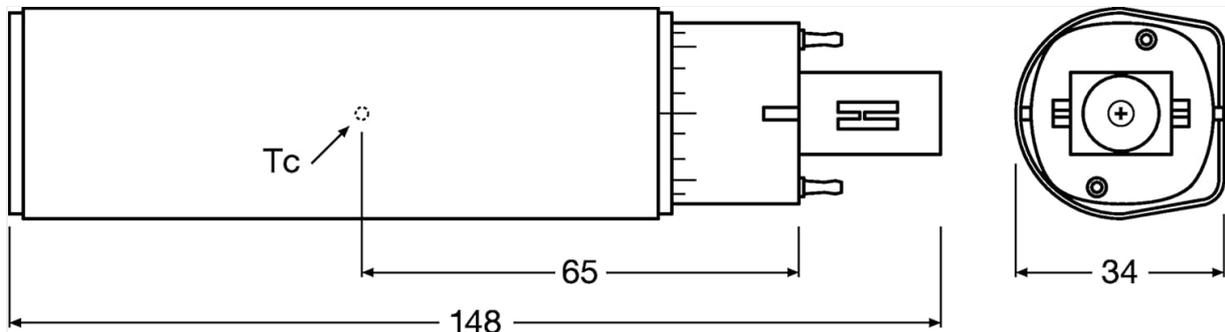


Image 7.1: Technical drawing showing the dimensions of the OSRAM DULUX D 18 LED Lamp.

Specification	Value
Brand	OSRAM
Model Number	OSRAM DULUX D LED EM & AC MAINS
Light Type	LED
Wattage	7 Watts (18W equivalent)
Brightness	700 Lumens
Color Temperature	3000 Kelvin (Warm White)
Bulb Base	G24d-2 (2-pin)
Voltage	230 Volts (also compatible with 100-240V, 50-60Hz)
Lifespan	Up to 30,000 hours
Protection Class	IP20
Rotatable Base	$\pm 90^\circ$
Product Dimensions	1.34 x 1.34 x 5.83 inches (34 x 34 x 148 mm)
Item Weight	2.11 ounces

Material	Plastic
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8. WARRANTY AND SUPPORT

This OSRAM DULUX D 18 LED Lamp comes with a **3-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or further assistance, please contact OSRAM customer service through their official website or the retailer where the product was purchased.