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## LEDVANCE 21112

# LEDVANCE DULUX 18W Compact Fluorescent Lamp User Manual

Model: 21112 | Brand: LEDVANCE

## 1. INTRODUCTION

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The LEDVANCE DULUX D ECOLOGIC 18W Compact Fluorescent Lamp (CFL) is an energy-efficient lighting solution designed as an alternative to traditional incandescent lamps. This lamp features a 2-pin base and provides 3000K Neutral White light, making it suitable for various indoor applications. It offers a long lifespan and contributes to reduced energy consumption.

Key features of this lamp include:

- 18 watt power consumption.
- 3000 Kelvin color temperature for neutral white light.
- Guaranteed lifespan of up to 10,000 hours.
- Reduced greenhouse gas and mercury emissions from power generation compared to incandescent lamps.
- High Efficacy: Uses less energy than an incandescent lamp of comparable lumen output.

## 2. SETUP AND INSTALLATION

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Before installing the LEDVANCE DULUX 18W CFL, ensure the power supply to the fixture is turned off at the circuit breaker to prevent electrical shock. This lamp is designed for indoor use in compatible fixtures with a 2-pin base.



Image of the LEDVANCE DULUX 18W Compact Fluorescent Lamp, showing its double compact fluorescent design and 2-pin base.

1. **Safety First:** Always turn off the power to the light fixture at the main circuit breaker before attempting installation.
2. **Remove Old Lamp:** If replacing an existing lamp, allow it to cool completely before carefully removing it from the fixture.
3. **Insert New Lamp:** Align the 2-pin base of the LEDVANCE DULUX lamp with the socket in the fixture. Gently push the lamp into the socket until it is firmly seated. Do not force the lamp, as this may damage the pins or the socket.
4. **Restore Power:** Once the lamp is securely installed, restore power to the fixture at the circuit breaker.
5. **Test:** Turn on the light switch to ensure the lamp is functioning correctly.

**Important:** This lamp is designed for specific fixtures. Ensure your fixture is compatible with a 2-pin compact fluorescent lamp of 18W. Incorrect installation or use in incompatible fixtures may lead to damage or malfunction.

### 3. OPERATING INSTRUCTIONS

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Operating the LEDVANCE DULUX 18W CFL is straightforward. Once installed in a compatible fixture and power is restored, simply use the fixture's standard wall switch or control mechanism to turn the light on or off. The lamp will provide instant illumination with its 3000K Neutral White light.

Understanding color temperature can help you appreciate the lighting provided by your lamp:

Video explaining different color temperatures (CCT) for lighting, from warm white to cool daylight, demonstrating how light color affects room ambiance.

## 4. MAINTENANCE

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The LEDVANCE DULUX 18W CFL requires minimal maintenance. To ensure optimal performance and longevity, follow these guidelines:

- **Cleaning:** Periodically, with the power off and the lamp cool, gently wipe the lamp with a soft, dry cloth to remove dust and debris. Do not use liquid cleaners or abrasive materials, as these can damage the lamp.
- **Replacement:** When the lamp reaches the end of its operational life (approximately 10,000 hours), it will cease to function. Replace it with a new LEDVANCE DULUX 18W CFL or an equivalent compatible lamp. Always ensure the power is off before replacing.
- **Disposal:** Compact fluorescent lamps contain a small amount of mercury. Dispose of used lamps according to local regulations for hazardous waste or take them to a designated recycling facility. Do not dispose of them in regular household trash.

## 5. TROUBLESHOOTING

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If your LEDVANCE DULUX 18W CFL is not functioning as expected, consider the following troubleshooting steps:

- **Lamp Not Lighting:**
  - Check if the power switch is in the 'ON' position.
  - Verify that the circuit breaker supplying power to the fixture has not tripped.
  - Ensure the lamp is securely seated in the socket. Remove and reinsert if necessary (with power off).
  - Test the fixture with a known working lamp to rule out a faulty fixture or wiring issue.
  - If the lamp is old, it may have reached the end of its lifespan and requires replacement.
- **Flickering:**
  - Flickering can occur if the lamp is not fully seated in the socket. Re-seat the lamp.
  - Ensure the fixture is compatible with CFLs. Some older dimmer switches or electronic ballasts may not be compatible and can cause flickering.
  - Flickering can also indicate the lamp is nearing the end of its life.

If these steps do not resolve the issue, consult a qualified electrician or contact LEDVANCE customer support.

## 6. SPECIFICATIONS

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<b>Brand</b>	LEDVANCE
<b>Model Number</b>	21112
<b>Light Type</b>	CFL (Compact Fluorescent Light)
<b>Wattage</b>	18 Watts
<b>Incandescent Equivalent Wattage</b>	77 Watts
<b>Bulb Base</b>	BAY15D (2-pin)
<b>Bulb Shape Size</b>	T4
<b>Light Color</b>	Neutral White
<b>Color Temperature</b>	3000 Kelvin
<b>Brightness</b>	1150 Lumens
<b>Voltage</b>	120 Volts (Accepted Voltage Frequency: 100 to 120 Volts and 60 Hertz)
<b>Light Source Operating Life</b>	10,000 Hours
<b>Color Rendering Index (CRI)</b>	82
<b>Indoor/Outdoor Usage</b>	Indoor
<b>Material Type</b>	Glass
<b>Specification Met</b>	TCLP
<b>UPC</b>	046135211126

## 7. WARRANTY INFORMATION

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This LEDVANCE DULUX 18W Compact Fluorescent Lamp is covered by a **2-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service. For specific terms, conditions, and how to make a warranty claim, please refer to the official LEDVANCE warranty documentation or contact customer support.

## 8. SUPPORT

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For further assistance, technical support, or inquiries regarding your LEDVANCE DULUX 18W Compact Fluorescent Lamp, please visit the official LEDVANCE website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

**Online Resources:** Visit the LEDVANCE Store on Amazon