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LEDVANCE 50W

LEDVANCE Osram 50W LED Bulb Instruction Manual

Model: 50W | Part Number: AC2385500GF

1. Introduction

Thank you for choosing the LEDVANCE Osram 50W LED Bulb. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new LED bulb. Please read these instructions carefully before use and retain them for future reference.

This LED bulb is designed for indoor use, offering a cool white light with high energy efficiency and a long operational lifetime.

2. Safety Information

- **Electrical Safety:** Always ensure the power supply is switched off before installing or removing the bulb to prevent electric shock.
- **Voltage Compatibility:** This bulb operates on 220-240 Volts at 50 Hertz. Ensure your electrical system matches these requirements.
- **Indoor Use:** This product is intended for indoor use only. Do not expose to direct water or extreme outdoor conditions unless specified otherwise.
- **Non-Dimmable:** This bulb is non-dimmable. Do not use with dimmer switches, as this may damage the bulb and void the warranty.
- **Handling:** Avoid touching the bulb with wet hands. Do not disassemble or modify the bulb.
- **Radiation Free:** This LED bulb is free from UV, IR, and Mercury radiation.
- **Operating Temperature:** Ensure the operating environment is between 0°C and +45°C.

3. Product Features

The LEDVANCE Osram 50W LED Bulb incorporates advanced technology to provide efficient and reliable lighting. Key features include:

- **High Wattage:** 50W LED output for bright illumination.
- **Cool White Light:** 6500 Kelvin color temperature for a crisp, clear light.
- **Energy Saving:** Up to 85% energy saving compared to traditional incandescent lamps.

- **Long Lifetime:** Designed for 15,000 hours of operational life.
- **Wide Beam Angle:** 120-degree beam angle for broad light distribution.
- **Environmentally Friendly:** UV, IR, and Mercury free.
- **Efficient Heat Dissipation:** Engineered for better heat management, enhancing durability.



Figure 1: A clear view of the LEDVANCE Osram 50W LED bulb, showcasing its design and B22D base.



Figure 2: Illustration highlighting the 120-degree wide beam angle of the LEDVANCE Osram 50W LED bulb, ensuring broad light distribution.



Figure 3: Image indicating the extended lifespan of the LEDVANCE Osram 50W LED bulb, designed for durability.



Figure 4: Visual representation of the LEDVANCE Osram 50W LED bulb's energy efficiency, saving up to 85% energy compared to traditional lamps.



Figure 5: Diagram showing heat dissipation from the LEDVANCE Osram 50W LED bulb, contributing to its highly durable design.

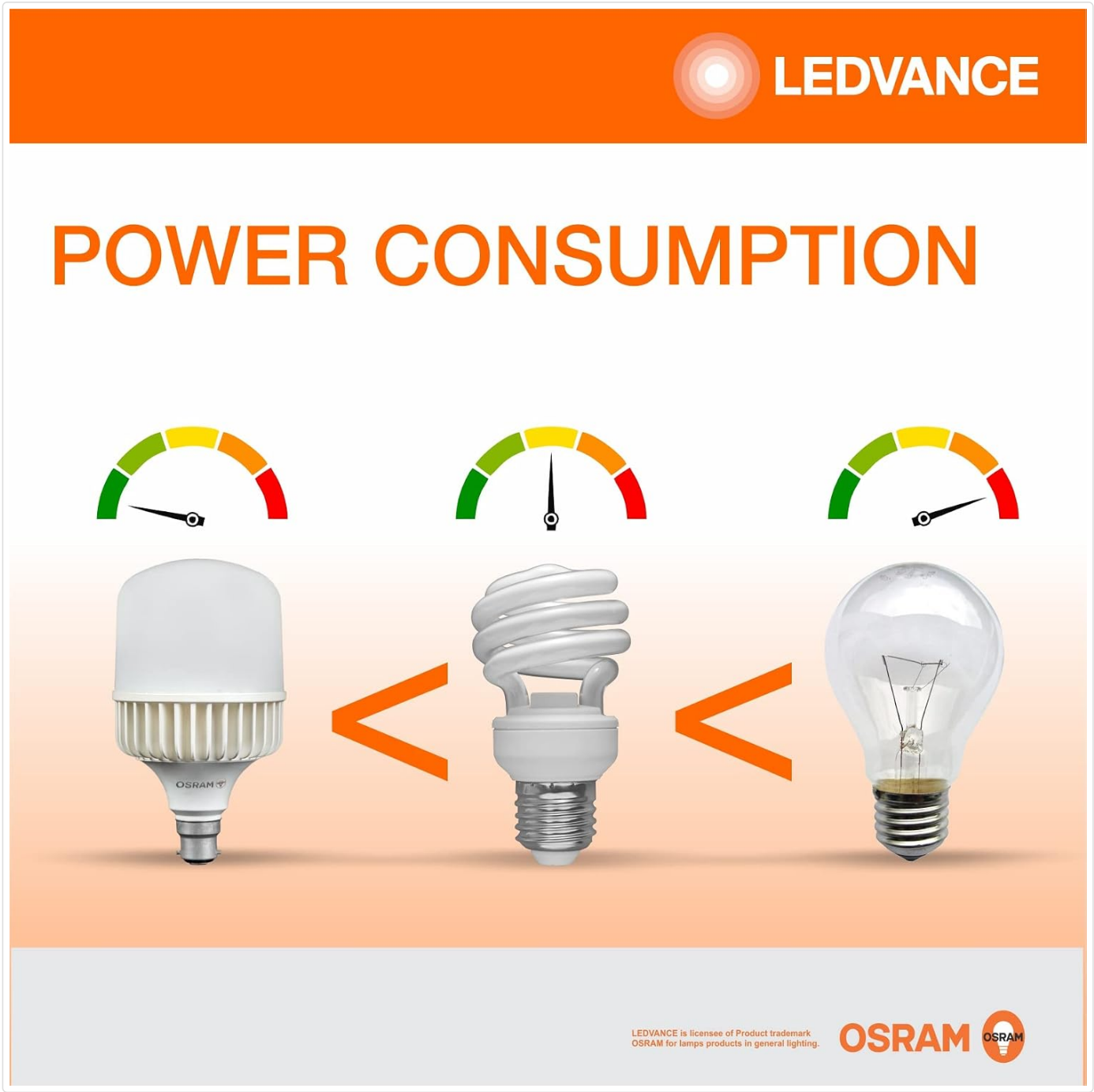


Figure 6: A comparative graphic illustrating the significantly lower power consumption of the LEDVANCE Osram 50W LED bulb compared to CFL and incandescent bulbs.

4. Installation

Follow these steps to safely install your LEDVANCE Osram 50W LED Bulb:

1. **Turn Off Power:** Locate the light switch or circuit breaker controlling the fixture where the bulb will be installed and turn off the power completely.
2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, allow it to cool down completely before carefully unscrewing it counter-clockwise from the socket.
3. **Inspect Socket:** Ensure the light fixture socket is clean, dry, and free from debris.
4. **Install New Bulb:** Gently screw the LEDVANCE Osram 50W LED Bulb clockwise into the B22D bulb base until it is snug. Do not overtighten.
5. **Restore Power:** Turn the power back on at the light switch or circuit breaker.

6. **Test:** Turn on the light switch to confirm the bulb is functioning correctly.

5. Operating Instructions

Operating the LEDVANCE Osram 50W LED Bulb is straightforward:

- Simply use the standard wall switch connected to your light fixture to turn the bulb on or off.
- As this bulb is non-dimmable, avoid using it with dimmer switches.

6. Maintenance

The LEDVANCE Osram 50W LED Bulb requires minimal maintenance:

- **Cleaning:** Ensure the power is off and the bulb is cool before cleaning. Wipe the bulb gently with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Periodically check the bulb and fixture for any signs of damage or loose connections.
- **Replacement:** Due to its long lifespan, frequent replacement is not expected. Replace the bulb only when it reaches the end of its operational life.

7. Troubleshooting

If you encounter issues with your LEDVANCE Osram 50W LED Bulb, refer to the following table:

Problem	Possible Cause	Solution
Bulb does not light up	No power to the fixture	Check the light switch and circuit breaker.
Bulb does not light up	Bulb not screwed in properly	Turn off power, then re-screw the bulb firmly into the socket.
Bulb flickers	Incompatible dimmer switch	This bulb is non-dimmable. Remove from dimmer circuit.
Bulb flickers	Loose connection	Turn off power, then check if the bulb is securely tightened.
Reduced brightness	Dust accumulation	Turn off power, allow to cool, then gently clean the bulb with a dry cloth.

8. Technical Specifications

Specification	Value
Brand	LEDVANCE

Specification	Value
Light Type	LED
Wattage	50 Watts
Bulb Shape Size	A19
Bulb Base	B22D
Light Colour	Cool White
Colour Temperature	6500 Kelvin
Voltage	220-240 Volts
Frequency	50 Hertz
Beam Angle	120 degrees
Dimmable	No
Average Life	15,000 Hours
Energy Efficiency Label	High Efficiency
Operating Temperature	0°C to +45°C
Item Weight	430 g
Included Components	Hub (as per product information)
Country of Origin	India

9. Disposal Information

Lamps bearing the WEEE (Waste Electrical and Electronic Equipment) sign must not be disposed of with general household waste. LED lamps contain electronic components and should be treated as special waste. Please return them to designated collection points for proper recycling and disposal in accordance with local regulations. This helps protect the environment and human health.

10. Warranty and Support

For warranty information or technical support regarding your LEDVANCE Osram 50W LED Bulb, please refer to the product packaging or contact LEDVANCE customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, visit the official LEDVANCE website or contact their authorized service centers.

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