

## LEDVANCE ORBIS BERLIN LED 490mm

# LEDVANCE ORBIS BERLIN LED Ceiling Light 490mm Instruction Manual

Brand: **LEDVANCE** | Model: **ORBIS BERLIN LED 490mm**

## 1. INTRODUCTION

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This instruction manual provides essential information for the safe and efficient installation, operation, and maintenance of your LEDVANCE ORBIS BERLIN LED Ceiling Light. Please read this manual thoroughly before installation and retain it for future reference.

The LEDVANCE ORBIS BERLIN LED Ceiling Light is designed to provide warm white, homogeneous illumination for various indoor spaces. Its integrated LED module ensures a long lifespan and energy-efficient performance.



Image 1.1: LEDVANCE ORBIS BERLIN LED Ceiling Light and its packaging. The image shows the round silver-colored light fixture next to its gray and orange retail box, highlighting key features like 'Warm Light' and 'Easy Mounting'.

## 2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Always disconnect power at the main circuit breaker before installation, maintenance, or cleaning.
- **Product Integrity:** Do not modify or alter the product in any way. Any modifications will void the warranty and may lead to safety hazards.
- **Indoor Use Only:** This fixture has an IP20 rating, meaning it is protected against solid objects larger than 12.5mm but has no protection against water. It is suitable for dry indoor environments only and must not be used in damp rooms (e.g., bathrooms, saunas) or outdoors.
- **Heat:** The LED module generates heat during operation. Ensure adequate ventilation around the fixture. Do not cover the fixture with insulating material.
- **Light Source:** The LED light source is integrated and not replaceable by the user. Do not attempt to open the LED module.

### 3. PACKAGE CONTENTS

Carefully unpack the product and check for any damage. If any components are missing or damaged, contact your retailer immediately. The package should contain:

- 1 x LEDVANCE ORBIS BERLIN LED Ceiling Light (490mm)
- Mounting hardware (screws, wall plugs)
- Instruction Manual



Image 3.1: The LEDVANCE ORBIS BERLIN LED Ceiling Light shown with its retail packaging. The light fixture is a round, silver-edged design, and the box highlights its 'Warm Light' and 'Easy Mounting' features.

### 4. SETUP AND INSTALLATION

The LEDVANCE ORBIS BERLIN LED Ceiling Light features an easy mounting design. Follow these steps for installation:

1. **Preparation:** Ensure the power supply to the installation area is switched off at the main circuit breaker.

Use a voltage tester to confirm the power is off.

2. **Marking:** Hold the mounting bracket (if separate) or the fixture base against the ceiling at the desired installation point. Mark the drilling holes with a pencil.
3. **Drilling:** Drill holes at the marked positions using an appropriate drill bit for your ceiling material. Insert the provided wall plugs into the drilled holes.
4. **Mounting Bracket (if applicable):** Secure the mounting bracket to the ceiling using the provided screws.
5. **Electrical Connection:** Connect the electrical wires from the ceiling to the terminal block on the fixture. Ensure correct polarity (Live, Neutral, Earth). If you are unsure, consult a qualified electrician.
6. **Fixture Attachment:** Attach the light fixture to the mounting bracket or directly to the ceiling, securing it with the provided screws. Ensure it is firmly fixed and stable.
7. **Power On:** Once installation is complete and all connections are secure, restore power at the main circuit breaker.

**Note:** Always ensure the fixture is securely mounted to prevent it from falling.

## 5. OPERATING INSTRUCTIONS

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The LEDVANCE ORBIS BERLIN LED Ceiling Light operates via a standard wall switch connected to its power supply. There are no additional controls on the fixture itself.

- **Turning On/Off:** Flip the wall switch to turn the light on or off.
- **Light Characteristics:** The fixture provides a warm white light (3000K) with a very homogeneous light distribution, creating a pleasant ambiance in your room.



Image 5.1: Multiple LEDVANCE ORBIS BERLIN LED Ceiling Lights illuminating a modern open-plan living and dining area, demonstrating their application and homogeneous light distribution.

## 6. MAINTENANCE

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The LEDVANCE ORBIS BERLIN LED Ceiling Light requires minimal maintenance.

- **Cleaning:** Before cleaning, ensure the power supply is disconnected. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Light Source:** The integrated LED module is designed for a long lifespan (up to 25,000 hours) and does not require replacement. Do not attempt to disassemble the fixture to access the LED module.

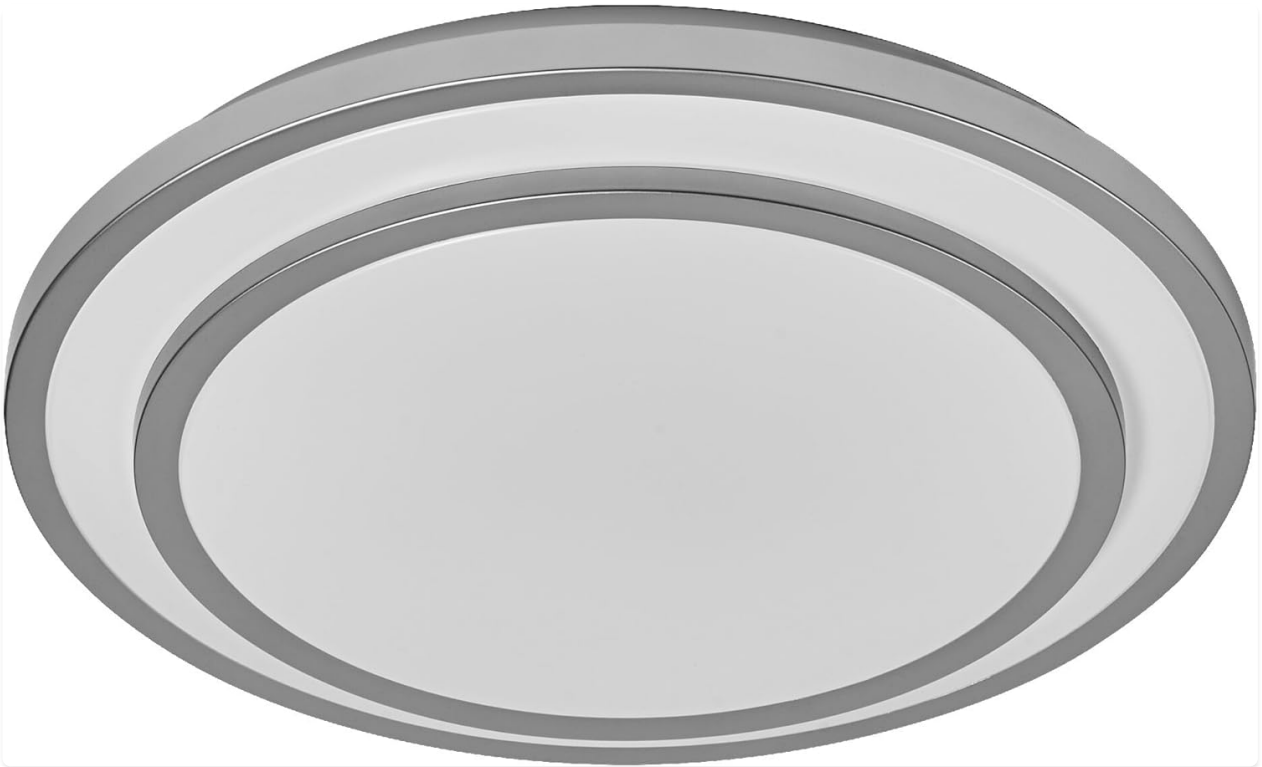


Image 6.1: A close-up view of the LEDVANCE ORBIS BERLIN LED Ceiling Light, showcasing its silver metallic frame and the diffused white light surface.

## 7. TROUBLESHOOTING

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If you encounter issues with your LEDVANCE ORBIS BERLIN LED Ceiling Light, refer to the following troubleshooting steps:

- **Light Does Not Turn On:**
  - Check if the main power supply to the fixture is switched on.
  - Verify that the wall switch is in the 'ON' position.
  - Inspect the electrical connections at the terminal block for looseness or incorrect wiring (only if you are a qualified electrician and have disconnected power).
  - Check your household's circuit breaker or fuse box to ensure no circuit has tripped.
- **Light Flickers:**
  - Ensure all electrical connections are secure.
  - Flickering can sometimes be caused by incompatible dimmer switches. This fixture is not specified as dimmable.

If the problem persists after performing these checks, contact LEDVANCE customer support or a qualified electrician.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	LEDVANCE
Model	ORBIS BERLIN LED 490mm
Color	Silver
Material	Metal
Dimensions (L x W x H)	49.2 cm (Diameter) x 8 cm (Height)
Power Consumption	36W
Luminous Flux	4150 LM
Color Temperature	3000K (Warm White)
Light Distribution	Very homogeneous
IP Rating	IP20 (Indoor Use Only)
Lifespan	Up to 25,000 hours
Energy Efficiency Class	D
Power Source	Corded Electric

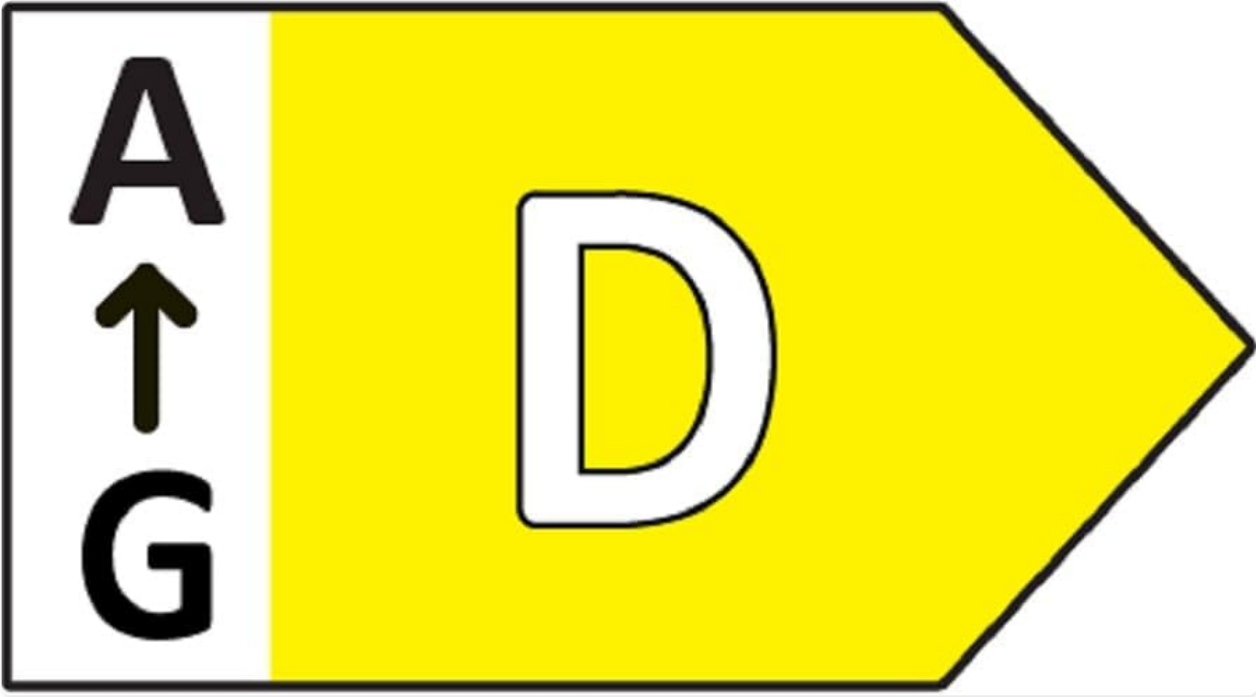


Image 8.1: Energy efficiency label indicating the product's rating as Class D.

## 9. WARRANTY AND SUPPORT

This LEDVANCE ORBIS BERLIN LED Ceiling Light comes with a **5-year guarantee**, ensuring quality and reliability. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or further assistance, please contact LEDVANCE customer service through their official website or your retailer. When contacting support, please have your product model and purchase details ready.

You can find more information and contact details on the official LEDVANCE website:[LEDVANCE Official Store](#)