

LEDVANCE 4099854105890

Osram LEDVANCE LED Ceiling Light 24W IP44 Warm White User Manual

Model: 4099854105890

1. INTRODUCTION

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

2. SAFETY INFORMATION

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- **Product Integrity:** Do not modify or alter the product in any way. Any unauthorized modifications may void the warranty and pose safety risks.
- **Operating Environment:** This product is rated IP44, meaning it is protected against solid objects larger than 1mm and splashing water from any direction. It is suitable for damp locations but not for immersion in water.
- **Temperature:** Do not operate the light outside its specified temperature range.
- **Disposal:** Dispose of the product and its packaging in an environmentally responsible manner, following local regulations.

3. PRODUCT OVERVIEW

The Osram LEDVANCE LED Ceiling Light is a modern and energy-efficient lighting solution designed for various indoor and damp outdoor applications. It provides a warm white light output suitable for creating a comfortable atmosphere.

Key Features:

- **Power:** 24 Watts
- **Light Color:** 2700 Kelvin (Warm White)
- **Luminous Flux:** 1800 Lumens
- **Protection Level:** IP44
- **Application:** Suitable for homes, living spaces, balconies, corridors, entrances, bedrooms, and study rooms.



Figure 3.1: General view of the Osram LEDVANCE LED Ceiling Light.



Figure 3.2: Top-down view of the LEDVANCE ceiling light, showcasing its circular design.



Figure 3.3: Side profile of the LEDVANCE ceiling light, illustrating its slim design.

4. SPECIFICATIONS

Attribute	Value
Product Model Number	4099854105890
Power Consumption	24W
Light Color Temperature	2700K (Warm White)
Luminous Flux	1800 Lumens
Protection Level	IP44
Package Dimensions	33 x 30 x 8 cm
Weight	750 grams

Attribute	Value
Batteries Required	No
Included Components	Not applicable (fixture is complete)
First Available Date	October 4, 2024

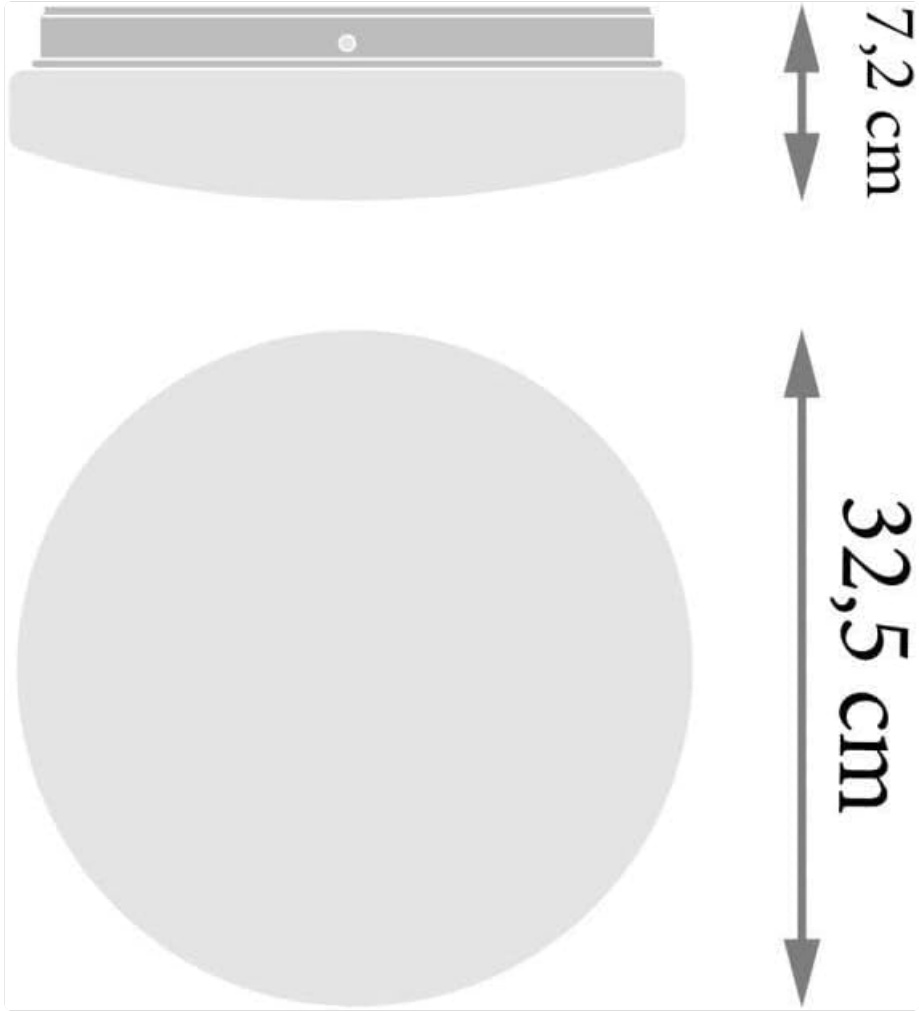


Figure 4.1: Product dimensions. The light has a diameter of 32.5 cm and a height of 7.2 cm.



Figure 4.2: Visual comparison of 6500 Kelvin (White Light) and 3000 Kelvin (Warm White Light). This product provides 2700K warm white light.



Figure 4.3: Illustration of different color temperatures: 6500K (White), 4000K (Daylight), and 3000K (Warm White). This product emits 2700K warm white light.

5. SETUP AND INSTALLATION

Important: Before beginning installation, ensure the main power supply to the installation area is switched off at the circuit breaker to prevent electric shock.

1. **Unpack:** Carefully remove the ceiling light from its packaging and inspect for any damage.
2. **Mounting Location:** Choose a suitable mounting location on the ceiling, ensuring it is structurally sound to support the fixture's weight.
3. **Marking and Drilling:** Use the mounting bracket (if separate) as a template to mark the drilling points on the ceiling. Drill appropriate holes for the mounting screws.
4. **Wiring:** Connect the electrical wires from the ceiling to the fixture's terminals. Ensure correct polarity (Live, Neutral, Earth) as indicated on the fixture. Use appropriate wire connectors.
5. **Secure Fixture:** Attach the light fixture securely to the ceiling using the provided screws and mounting hardware.
6. **Power On:** Once the fixture is securely mounted and wired, restore power at the circuit breaker.

7. **Test:** Turn on the light switch to verify proper operation.

Note: If you are unsure about any step, consult a qualified electrician.



Figure 5.1: Example installation in a balcony and corridor setting, demonstrating suitable application areas.



Figure 5.2: Example installation in a bedroom and study room, highlighting its versatility for various indoor spaces.

6. OPERATING INSTRUCTIONS

The Osram LEDVANCE LED Ceiling Light operates via a standard wall switch connected to its power supply. Simply toggle the switch to turn the light ON or OFF.

- **Turning On:** Flip the connected wall switch to the 'ON' position. The light will illuminate instantly.
- **Turning Off:** Flip the connected wall switch to the 'OFF' position. The light will turn off.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your LED ceiling light.

- **Cleaning:** Before cleaning, ensure the power supply to the fixture is disconnected. Use a soft, dry, or slightly damp cloth to wipe the surface of the light. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Inspection:** Periodically check the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified electrician for repair or replacement.
- **No User-Serviceable Parts:** The LED light source is integrated and not designed to be replaced by the user. Do not attempt to open the fixture.

8. TROUBLESHOOTING

If you encounter issues with your LED ceiling light, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on	No power supply	Check the circuit breaker and wall switch. Ensure power is restored.
	Loose wiring connection	Disconnect power and check wiring connections. Re-secure if loose. (Consult an electrician if unsure).
Light flickers	Unstable power supply	Ensure stable power. If the problem persists, consult an electrician.
	Loose wiring	Disconnect power and check wiring connections. Re-secure if loose.
Reduced light output	Dust or dirt on diffuser	Clean the diffuser with a soft, damp cloth after disconnecting power.
	Product nearing end of life	LEDs have a long lifespan, but output can gradually decrease over time. Consider replacement if significantly diminished.

If the problem persists after attempting these solutions, contact customer support or a qualified electrician.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official LEDVANCE website or contact your local retailer. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: LEDVANCE

ASIN: B0DJGPM44W

