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## LEDVANCE SF CIRC 250 SEN V 13W 830 IP44

# Ledvance SF CIRC 250 SEN V 13W 830 IP44 Wall and Ceiling Lamp User Manual

Model: SF CIRC 250 SEN V 13W 830 IP44

## 1. INTRODUCTION AND OVERVIEW

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This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Ledvance SF CIRC 250 SEN V 13W 830 IP44 Wall and Ceiling Lamp. This LED luminaire features an integrated light sensor and is designed for general purpose lighting in various indoor environments, including stairs, entrance areas, bathrooms, and hallways. It offers significant energy savings compared to traditional CFL lamps.

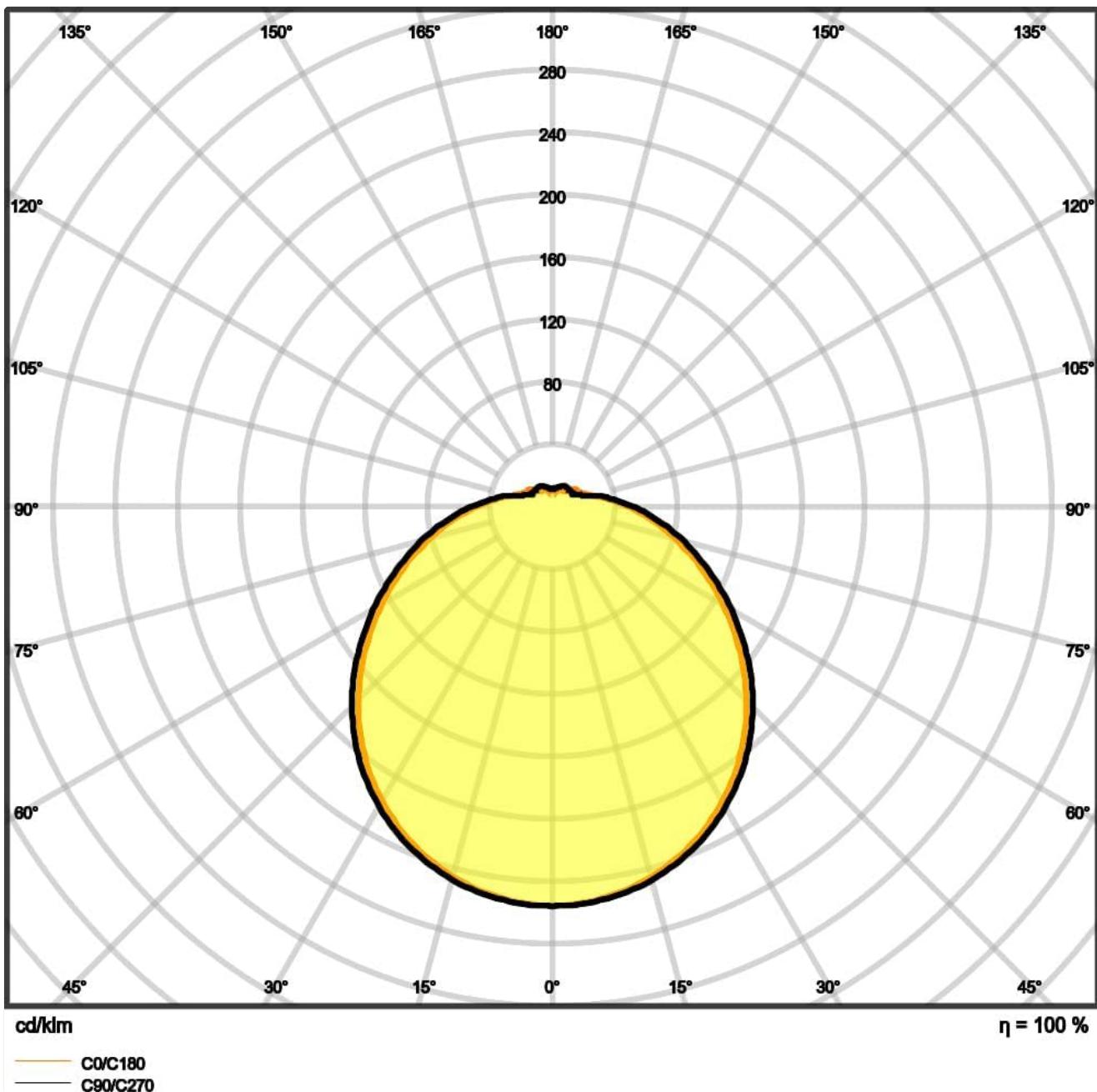


Image 1.1: Ledvance SF CIRC 250 SEN V 13W 830 IP44 Wall and Ceiling Lamp. This image shows the circular LED luminaire, designed for surface mounting on walls or ceilings.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Installation must be performed by a qualified electrician in accordance with national wiring regulations.
- Ensure the power supply is disconnected before installation, maintenance, or any adjustments.
- Do not modify the product in any way. Unauthorized modifications may void the warranty and create safety risks.
- This product is rated IP44, making it suitable for environments where it may be exposed to splashing water, such as bathrooms. However, it is not suitable for immersion in water.
- Do not cover the luminaire with insulating material.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life, the entire luminaire shall be replaced.

### 3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1 x Ledvance SF CIRC 250 SEN V 13W 830 IP44 Wall and Ceiling Lamp
- Mounting hardware (screws, wall plugs)
- Instruction Manual



Image 3.1: Product packaging for the Ledvance SF CIRC 250 SEN V 13W 830 IP44 luminaire. The box displays product information and certifications.

### 4. SETUP AND INSTALLATION

Installation is designed to be simple and quick, without requiring specialized tools beyond basic electrical equipment.

1. **Preparation:** Disconnect the main power supply to the installation area at the circuit breaker. Use a voltage tester to confirm that the power is off.
2. **Mounting Location:** Choose a suitable wall or ceiling location. Ensure the surface is flat and can support the weight of the luminaire (390g).
3. **Marking and Drilling:** Use the luminaire's base as a template to mark the drilling points for the mounting screws. Drill holes of appropriate size for the provided wall plugs.
4. **Wiring:** Connect the electrical wires from the ceiling/wall to the luminaire's terminal block. Ensure correct polarity (Live, Neutral, Earth) as indicated on the luminaire. Secure all connections tightly.
5. **Mounting the Luminaire:** Secure the luminaire base to the wall or ceiling using the provided screws and wall plugs.
6. **Attaching the Diffuser:** Carefully attach the acrylic diffuser cover to the luminaire base, ensuring it is securely fastened to maintain the IP44 rating.
7. **Power On:** Restore power at the circuit breaker. The luminaire should now be ready for operation.

### 5. OPERATING INSTRUCTIONS

This luminaire features an integrated light sensor for automatic operation. The sensor's range, daylight detection

threshold, and light duration can be adjusted.

## 5.1 Sensor Adjustment

The sensor settings are typically adjusted via small dials or switches located on the luminaire's internal module, accessible after removing the diffuser. Refer to the specific markings on your device for precise adjustment points.

- **Sensor Range:** Adjusts the detection area of the motion sensor.
- **Daylight Detection (Lux):** Sets the ambient light level at which the sensor will activate the lamp. For example, a lower lux setting means the lamp will turn on even in brighter conditions, while a higher lux setting means it will only activate in darker conditions.
- **Light Duration:** Determines how long the lamp remains illuminated after motion is detected and no further motion is sensed.

Experiment with these settings to find the optimal configuration for your specific application.

## 6. MAINTENANCE

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The Ledvance SF CIRC 250 SEN V 13W 830 IP44 luminaire requires minimal maintenance.

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior of the luminaire with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the acrylic material.
- **Inspection:** Periodically check for any signs of damage to the housing or diffuser. If damage is found, disconnect power and contact a qualified electrician for inspection or replacement.
- **Light Source:** The integrated LED light source is not user-replaceable. If the light source fails, the entire luminaire must be replaced.

## 7. TROUBLESHOOTING

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If you encounter issues with your luminaire, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Luminaire does not turn on.	No power supply. Faulty wiring. Sensor settings incorrect.	Check circuit breaker. Verify wiring connections (consult electrician). Adjust daylight detection (Lux) setting.
Luminaire stays on continuously.	Constant motion in detection area. Sensor settings incorrect. Sensor malfunction.	Ensure no continuous motion. Adjust light duration or daylight detection (Lux) setting. Contact support if problem persists.
Luminaire turns on too frequently/infrequently.	Sensor range or daylight detection settings are not optimal.	Adjust sensor range and daylight detection (Lux) settings to suit the environment.

If the problem persists after attempting these solutions, please contact Ledvance customer support.

## 8. SPECIFICATIONS

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Detailed technical specifications for the Ledvance SF CIRC 250 SEN V 13W 830 IP44 luminaire.

Feature	Specification
Model Number	SF CIRC 250 SEN V 13W 830 IP44 LEDV
Brand	LEDVANCE
Type	Wall and Ceiling Lamp with Integrated Light Sensor
Power Consumption	13 Watt
Luminous Flux	920 Lumen
Color Temperature	3000 Kelvin (Warm White)
Beam Angle	120 Degrees
Average Lifespan	30,000 Hours
Voltage	240 V AC
IP Rating	IP44 (Splash-proof)
Material	Acrylic
Dimensions (Diameter x Height)	250 mm x 91 mm
Weight	390 Grams
Energy Class	G
Special Features	Energy-saving, Integrated Light Sensor

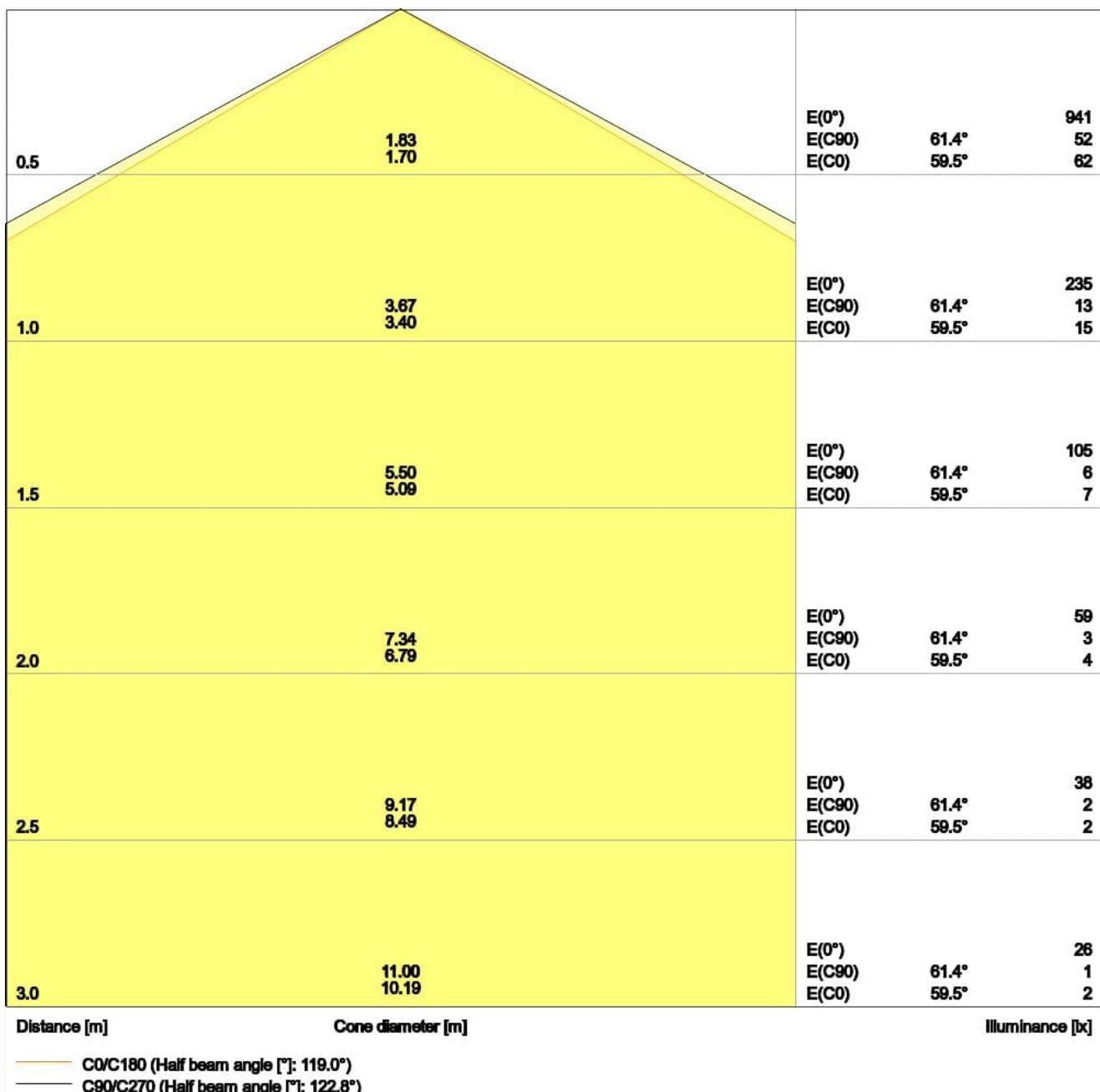


Image 8.1: Dimensional drawing of the Ledvance SF CIRC 250 SEN V 13W 830 IP44 luminaire, showing a diameter of 250mm and a height of 91mm.

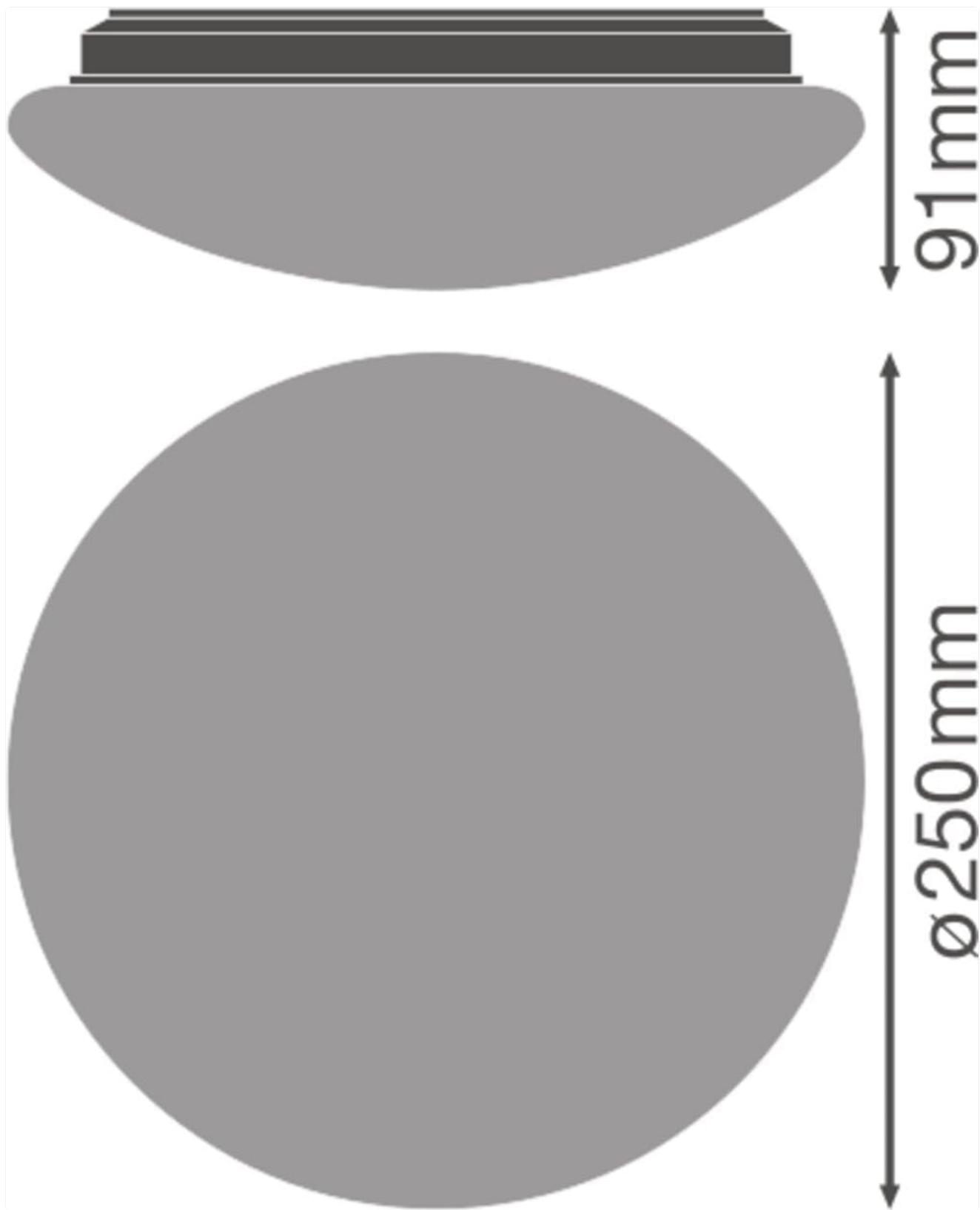


Image 8.2: Polar light distribution diagram for the luminaire, illustrating the 120-degree beam angle and light intensity distribution.

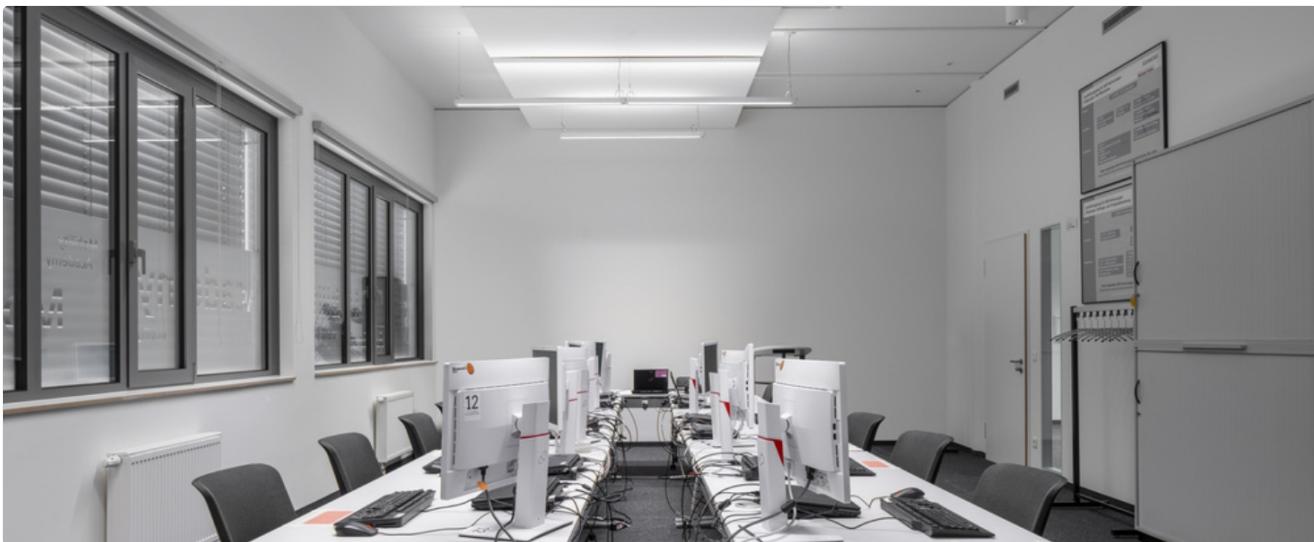


Image 8.3: Illuminance cone diagram showing light levels (lux) at various distances from the luminaire, along with half beam angles.

## 9. WARRANTY AND SUPPORT

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

### Ledvance Contact Information:

- Visit the [LEDVANCE Store on Amazon](#) for product information.
- Refer to the official Ledvance website for global support contacts.

## 10. APPLICATION EXAMPLES

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The Ledvance SF CIRC 250 SEN V 13W 830 IP44 luminaire is versatile and suitable for various indoor applications.



Image 10.1: Examples of suitable environments including parking garages, building entrances, and office spaces.



Image 10.2: Additional application examples showing the luminaire in a modern office setting, a classroom, and a gymnasium.