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Rabalux 71133

Rabalux Lucas 71133 Round Ceiling Light User Manual

Model: 71133

1. Introduction

Thank you for choosing the Rabalux Lucas 71133 Round Ceiling Light. This modern luminaire features an integrated 18W LED light source, a microwave motion sensor, and a light sensor, providing natural white light at 4000K. Its IP44 rating ensures protection against solid objects greater than 1mm and splashing water from any direction, making it suitable for various indoor environments including bathrooms. This manual provides essential information for safe installation, operation, and maintenance.

2. Safety Instructions

- Always disconnect the power supply before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician in accordance with local wiring regulations.
- Ensure the mounting surface can support the weight of the fixture.
- Do not modify the product in any way. Unauthorized modifications may lead to electric shock, fire, or injury.
- This product is designed for indoor use. While it has an IP44 rating, avoid direct exposure to high-pressure water jets.
- Do not look directly into the LED light source when it is illuminated.

3. Package Contents

Verify that all components are present and undamaged:

- Rabalux Lucas 71133 Ceiling Light Fixture (with integrated LED)
- Mounting hardware (screws, wall plugs)
- Instruction Manual (this document)

4. Setup and Installation

Follow these steps for proper installation:

1. **Prepare for Installation:** Turn off the main power supply at the circuit breaker before starting any electrical work.
2. **Choose Location:** Select a suitable location on the ceiling, ensuring it is clean, dry, and structurally sound.

3. **Mark Drilling Points:** Use the mounting bracket (if separate) or the fixture itself as a template to mark the drilling points on the ceiling.
4. **Drill Holes:** Drill holes at the marked points and insert the appropriate wall plugs.
5. **Electrical Connection:** Connect the household electrical wires to the terminal block inside the fixture. Ensure correct polarity (Live, Neutral, Earth) as indicated. Secure all connections tightly.
6. **Mount the Fixture:** Align the fixture with the drilled holes and secure it to the ceiling using the provided screws. Ensure it is firmly attached.
7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.

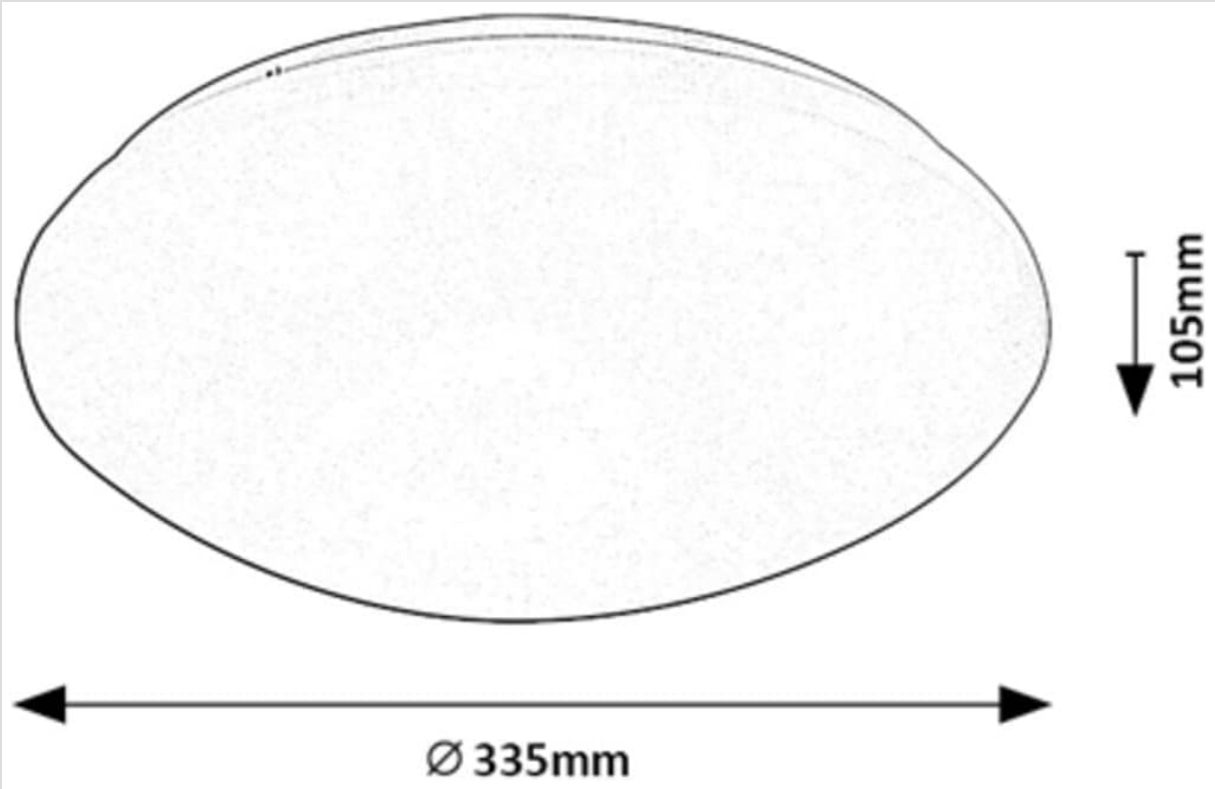

Figure 1: Diagram showing the dimensions of the Rabalux Lucas 71133 ceiling light: 335mm diameter and 105mm height.

Figure 2: Image showing the Rabalux Lucas 71133 ceiling light installed in a modern living space, demonstrating its aesthetic integration.

5. Operating Instructions

The Rabalux Lucas 71133 features an integrated microwave motion sensor and a light sensor for automatic operation.

- **Motion Sensor:** The microwave motion sensor detects movement within a range of up to 6 meters and a detection angle of 120 degrees. The light will automatically turn on when motion is detected and turn off after a set delay if no further motion is sensed.
- **Light Sensor:** The integrated light sensor ensures the light only activates when the ambient light level falls below a certain threshold, saving energy during daylight hours.
- **Light Output:** The 18W integrated LED provides natural white light at 4000K. The luminous flux is 1180 lumens with the screen and 1800 lumens without the screen.
- **Adjustments:** Specific adjustments for sensor sensitivity, detection range, and time delay may be available via internal dip switches or controls. Refer to the detailed diagrams on the product packaging or within the fixture for precise adjustment instructions.

6. Maintenance

To ensure the longevity and optimal performance of your ceiling light, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. 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.
- **LED Source:** The LED light source is integrated and not user-replaceable. It has an exceptional lifespan of 50,000 hours.
- **Inspection:** Periodically check the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

7. Troubleshooting

If you encounter problems with your Rabalux Lucas 71133 ceiling light, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Faulty wiring. Sensor settings.	Check circuit breaker. Verify wiring connections (consult electrician). Adjust sensor sensitivity/light threshold.
Light stays on continuously.	Constant motion detected. Sensor sensitivity too high. Sensor faulty.	Ensure no continuous movement in detection zone. Reduce sensor sensitivity. Contact support if issue persists.
Light turns on/off randomly.	Interference with sensor. Sensor sensitivity too high.	Check for sources of interference (e.g., ventilation, pets). Reduce sensor sensitivity.
Light is dim or flickers.	Power fluctuation. Product defect.	Ensure stable power supply. Contact support.

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

8. Specifications

Feature	Specification
Model Number	71133
Brand	Rabalux
Product Type	Ceiling Light
Power	18 W
Voltage	230V, 50Hz
Light Source	Integrated LED
Color Temperature	4000 K (Natural White)
Luminous Flux (with screen)	1180 lumens

Feature	Specification
Luminous Flux (without screen)	1800 lumens
CRI (Color Rendering Index)	>80%
Lifespan	50,000 hours
IP Rating	IP44
Sensor Type	Microwave Motion Sensor, Light Sensor
Motion Sensor Range	Up to 6m
Motion Sensor Angle	120°
Dimensions (Diameter x Height)	335 mm x 105 mm
Net Weight	0.446 kg (446 g)
Material	Metal (fixture), Plastic (shade)
Energy Class	G

Figure 3: EU Energy Label for Rabalux 71133. For more details, visit the EPREL database.

9. Warranty and Support

Rabalux products are manufactured to high-quality standards. For warranty information, please refer to the terms and conditions provided at the point of purchase or contact your retailer. If you experience any issues or require technical assistance, please contact the seller or Rabalux customer support with your model number (71133) and proof of purchase.