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HOFTRONIC 4405519

HOFTRONIC LED Ceiling Light with Emergency Battery (Model 4405519) User Manual

Model: 4405519

1. Introduction

This manual provides essential information for the safe installation, operation, and maintenance of your HOFTRONIC LED Ceiling Light with Emergency Battery, Model 4405519. Please read these instructions carefully before installation and retain them for future reference.

This versatile lighting solution is designed for both indoor and outdoor use, including humid environments like bathrooms, thanks to its IP65 rating. It features a 25W LED producing 2600 lumens of 6500K cool white light and includes a built-in emergency battery for up to 3 hours of backup illumination during power outages. The robust IK10 enclosure provides vandal-proof protection against impacts.



Figure 1: HOFTRONIC LED Ceiling Light, Model 4405519

2. Safety Instructions

To prevent personal injury or product damage, always observe the following safety precautions:

- **Disconnect Power:** Always ensure the main power supply is disconnected before attempting any installation, maintenance, or repair.
- **Qualified Electrician:** Installation should only be performed by a qualified electrician in accordance with local electrical codes and regulations.
- **Proper Grounding:** Ensure the fixture is properly grounded to prevent electric shock.
- **No Modifications:** Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- **Voltage Compatibility:** Ensure the power supply voltage matches the requirements specified on the product label.
- **Environmental Conditions:** Do not expose the product to extreme temperatures or corrosive environments beyond its specified IP65 rating.
- **Children and Pets:** Keep the product and its components out of reach of children and pets.

3. Package Contents

Carefully unpack the box and ensure all items are present and undamaged. If any items are missing or damaged, contact your retailer immediately.

- 1x HOFTRONIC 25W LED Ceiling Light (Main Unit)
- 1x Cover (e.g., Black, depending on variant)
- 3x Screws
- 3x Washers
- 3x Wall Plugs



Figure 2: Included components: LED bulkhead, cover, screws, washers, and plugs.

4. Product Overview and Features

The HOFTRONIC LED Ceiling Light is designed for durability and performance, featuring:

- **High Brightness:** 25W power output delivering 2600 lumens.
- **Cool White Light:** 6500K color temperature for clear, bright illumination.
- **Water & Dust Resistant (IP65):** Suitable for humid indoor and outdoor environments.

- **Vandal Proof (IK10):** High impact resistance, protecting against impacts up to 20 joules.
- **Emergency Battery:** Integrated battery provides up to 3 hours of backup lighting during power outages.
- **Long Lifespan:** Designed for an average lifespan of 50,000 hours.



Figure 3: IP65 Water & Dust Resistant feature, suitable for humid environments.



Figure 4: Built-in Emergency Battery feature, providing 3 hours of backup power.



Figure 5: IK10 Vandal Proof enclosure, designed to withstand impacts up to 20 joules.

5. Setup and Installation

This fixture is designed for ceiling or surface mounting. Ensure all safety instructions are followed during installation.

5.1. Pre-Installation

- Turn off the main power supply at the circuit breaker.
- Ensure the mounting surface is clean, dry, and structurally sound.
- Review the product dimensions and mounting hole pattern.

5.2. Mounting Steps

1. **Mark Drilling Points:** Use the fixture's base or a template to mark the three drilling points on the ceiling or wall.

Refer to the dimension diagram for precise measurements.

2. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your surface. Insert the provided wall plugs into the drilled holes.
3. **Secure Base:** Position the fixture's base over the drilled holes and secure it using the provided screws and washers. Ensure it is firmly attached.
4. **Electrical Connection:** Connect the electrical wires from your power supply to the terminal block on the fixture. Ensure correct connections: Live (L), Neutral (N), and Ground (⏚). Double-check all connections for security.
5. **Attach Fixture:** Carefully attach the main light fixture body to the secured base. Ensure it clicks or twists into place securely, forming a tight seal for the IP65 rating.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



Figure 6: Product dimensions and mounting hole pattern for installation.

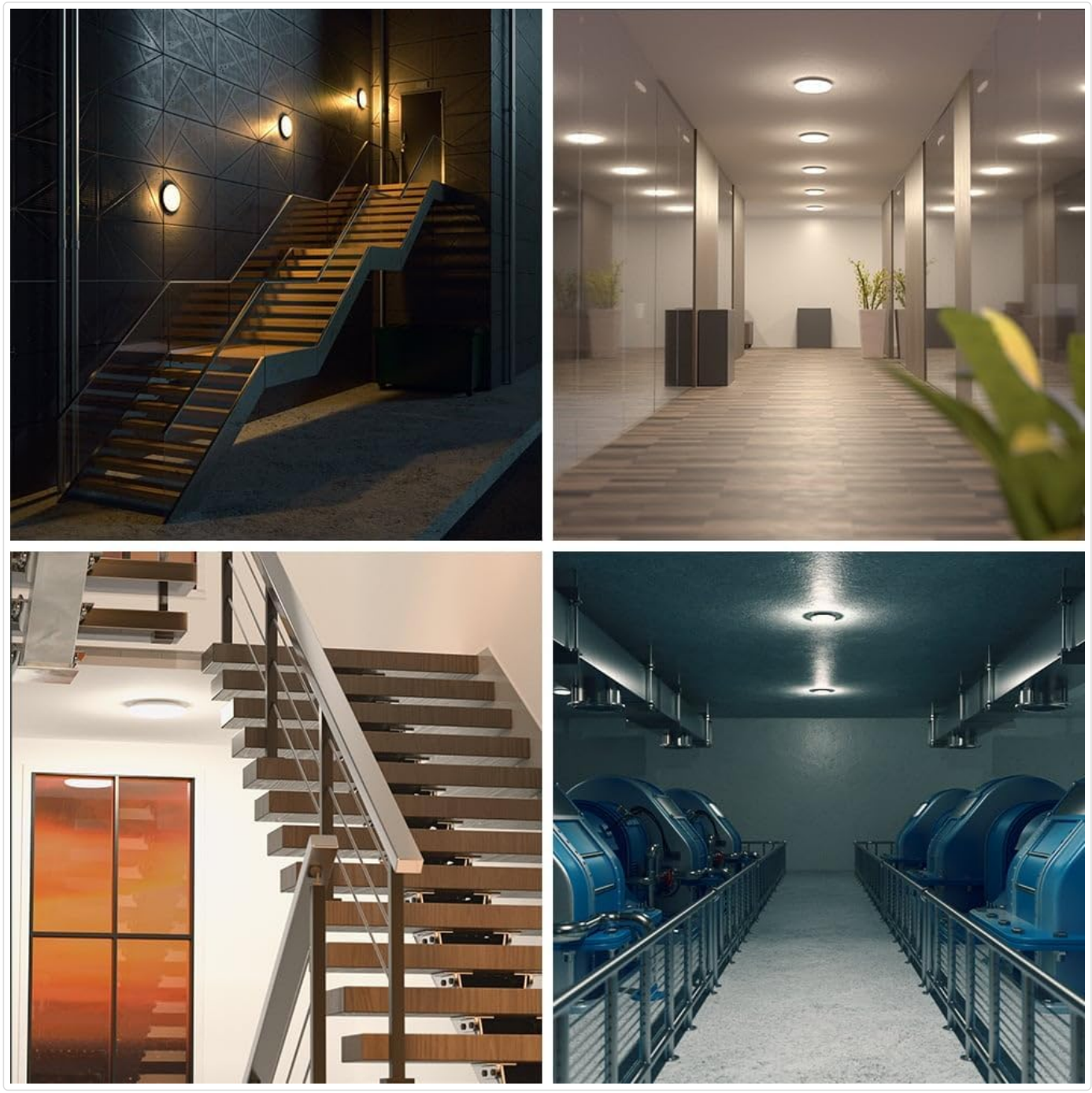


Figure 7: Application examples of the ceiling light in different environments.

6. Operating Instructions

The HOFTRONIC LED Ceiling Light operates as a standard light fixture with an integrated emergency function.

- **Standard Operation:** Once installed and powered, the light can be switched on and off using a standard wall switch connected to its power supply.
- **Emergency Function:** The built-in emergency battery automatically charges when the fixture is connected to the main power supply. In the event of a power outage, the light will automatically switch to emergency mode, providing illumination for up to 3 hours. The light will return to normal operation once main power is restored.

7. Maintenance

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

- **Cleaning:** Disconnect power before cleaning. Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components.
- **Inspection:** Periodically inspect the fixture for any signs of damage, such as cracks in the housing or frayed wiring. If damage is found, disconnect power and contact a qualified electrician for repair or replacement.
- **Emergency Battery:** The emergency battery is integrated and not user-serviceable. It is designed for long-term reliability. Ensure the fixture is regularly connected to power to keep the battery charged.

8. Troubleshooting

If you encounter issues with your HOFTRONIC LED Ceiling Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply, loose wiring, faulty switch, circuit breaker tripped.	Check power supply, ensure all wiring connections are secure, test the switch, reset the circuit breaker.
Emergency function not working.	Battery not charged, battery fault.	Ensure the fixture has been connected to main power for at least 24 hours to allow the battery to fully charge. If the issue persists, contact support.
Reduced brightness.	Normal aging of LED components, dust accumulation.	Clean the fixture as per maintenance instructions. If brightness significantly decreases prematurely, contact support.

If the problem persists after attempting these solutions, please contact HOFTRONIC customer support or your retailer.

9. Specifications

Feature	Specification
Brand	HOFTRONIC
Model Number	4405519
Power	25 W
Luminosity	2600 lm
Color Temperature	6500 K (Cool White)
Dimensions (L x W x H)	38 x 38 x 5 cm
Material	Plastic
IP Rating	IP65 (Water & Dust Resistant)
IK Rating	IK10 (Vandal Proof)
Average Lifespan	50,000 Hours
Emergency Battery	Yes (3 hours backup)
Installation Type	Ceiling Mount / Surface Mount

Feature	Specification
Power Source	AC (Alternating Current)
Components Included	Integrated LED Bulb
Specific Uses	Outdoor and enclosed spaces (e.g., bathroom)
Energy Efficiency Rating	F

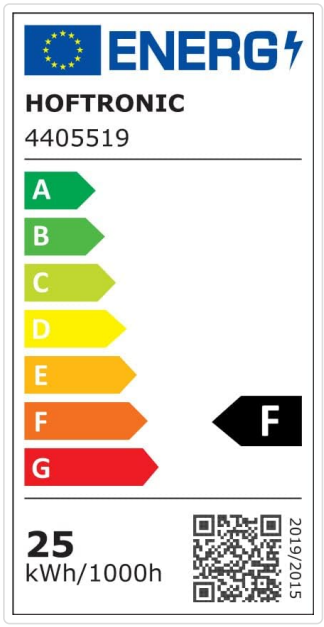


Figure 8: EU Energy Label for Model 4405519. For more details, visit the EPREL database.

10. Warranty and Support

For warranty information, please refer to the terms and conditions provided by your retailer or the manufacturer at the time of purchase. Keep your proof of purchase for any warranty claims.
If you require technical assistance, have questions about installation, or need to report a fault, please contact HOFTRONIC customer service or your authorized retailer. Provide your product model number (4405519) and a detailed description of the issue to facilitate support.

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