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HOFTRONIC 4405496

HOFTRONIC LED Ceiling Light User Manual

Model: 4405496

Introduction

This user manual provides important information for the safe and efficient operation of your HOFTRONIC LED Ceiling Light with Emergency Battery. Please read this manual thoroughly before installation and use, and keep it for future reference.

The HOFTRONIC LED Ceiling Light (Model 4405496) is a versatile lighting solution designed for both indoor and outdoor humid environments, thanks to its high IP65 rating. It features an integrated emergency battery for up to three hours of backup lighting during power outages and a robust IK10 vandal-proof enclosure.

Product Features

- **Power:** 18W LED
- **Color Temperature:** 6500K (Cool White)
- **Luminous Flux:** 2100 lumens
- **Protection Rating:** IP65 (Water and Dust Resistant)
- **Impact Resistance:** IK10 (Vandal Proof, survives impacts up to 20 joules)
- **Emergency Function:** Built-in emergency battery provides up to 3 hours of backup lighting.
- **Dimensions:** Ø30 cm (300mm diameter), 5 cm (50mm) height.
- **Material:** Plastic
- **Lifespan:** Approximately 50,000 hours



Image: The HOFTRONIC LED Ceiling Light, a round white fixture suitable for various applications.



Image: Illustration highlighting the IP65 rating, indicating the light's resistance to water splashes and dust, making it suitable for humid environments.



Image: Visual representation of the built-in emergency battery feature, providing up to 3 hours of backup power during outages.



Image: Depiction of the IK10 vandal-proof enclosure, demonstrating its high resistance to impacts (up to 20 joules).

Safety Information

Always follow basic safety precautions when installing and operating electrical equipment to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Do not modify the product in any way.
- Do not expose the light to direct water jets or submersion, despite its IP65 rating.
- Keep packaging materials out of reach of children.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

Package Contents

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

- 1 x HOFTRONIC LED Ceiling Light (integrated bulb)
- Mounting hardware (screws, wall plugs)
- User Manual

Setup and Installation

Follow these steps for proper installation of your LED ceiling light.

1. **Preparation:** Turn off the main power supply at the circuit breaker before starting any electrical work.
2. **Marking:** Use the light fixture as a template to mark the drilling points on the ceiling or wall. Refer to the dimension diagram for precise measurements.



Image: Detailed technical drawing showing the product dimensions (300mm diameter, 50mm height) and recommended mounting hole pattern (145mm distance between holes, 4mm diameter, 8mm slot).

3. **Drilling:** Drill holes at the marked points using an appropriate drill bit for your mounting surface. Insert wall plugs if necessary.
4. **Wiring:** Connect the light fixture's wires to your household electrical wiring. Ensure correct polarity (Live, Neutral, Earth). If unsure, consult a qualified electrician.
5. **Mounting:** Secure the light fixture to the ceiling or wall using the provided screws. Ensure it is firmly attached.
6. **Testing:** Restore power at the circuit breaker. The light should illuminate.

Operating Instructions

The HOFTRONIC LED Ceiling Light operates directly from your main power supply. There are no complex controls.

- **Normal Operation:** Turn on the wall switch connected to the light fixture to illuminate the area.
- **Emergency Mode:** In the event of a power outage, the built-in emergency battery will automatically activate, providing up to 3 hours of illumination. The light will switch back to normal operation once main power is restored and the battery will recharge.

Maintenance

The HOFTRONIC LED Ceiling Light requires minimal maintenance.

- **Cleaning:** Disconnect power before cleaning. Wipe the surface of the light with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Maintenance:** The emergency battery is designed for long life. For optimal performance, it is recommended to allow the battery to fully discharge and recharge periodically (e.g., every 3-6 months) by simulating a power outage.
- **Lamp Replacement:** The LED light source is integrated and not user-replaceable. If the LEDs fail, the entire fixture should be replaced.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Loose wiring; Faulty switch.	Check circuit breaker; Verify wiring connections; Test or replace switch.
Emergency battery does not activate or lasts short time.	Battery not charged; Battery end of life.	Ensure light is connected to power for sufficient charging time; If problem persists after charging, contact support.
Light flickers.	Unstable power supply; Loose connection.	Check power source stability; Re-check wiring connections.

If you encounter issues not listed here, or if the problem persists, please contact HOFTRONIC customer support.

Specifications

Attribute	Value
Brand	HOFTRONIC
Model Number	4405496
Product Dimensions	30 x 30 x 5 cm (Ø30 cm; 5 cm height)
Weight	5 Kilograms
Protection Rating	IP65
Impact Resistance	IK10
Number of Light Sources	1 (integrated LED)
Maximum Wattage	18 Watt
Voltage	230 Volt
Application Area	Outdoor and enclosed spaces (e.g., bathrooms)
Shade Color	White
Power Source	AC (Alternating Current)
Mounting Type	Ceiling Mount
Lamp Type	LED
Luminous Flux	2100 lm
Power Consumption	18 Watt
Color Temperature	6500 Kelvin
Average Lifespan	50000 Hours
Energy Efficiency Class	E (as per 2019/2015 EU regulation)

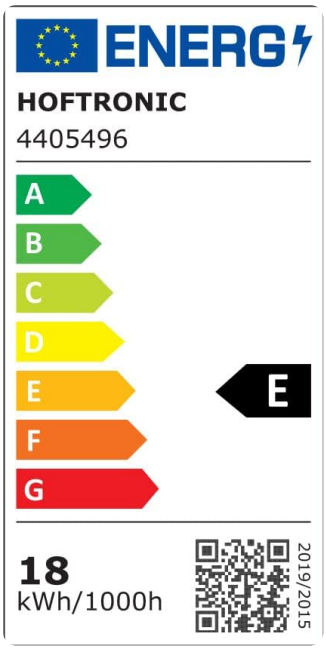


Image: EU Energy Efficiency Label for the HOFTRONIC LED Ceiling Light, showing class E and 18 kWh/1000h consumption. More details can be found at eprel.ec.europa.eu/qr/730931.

Warranty and Support

HOFTRONIC products are designed for durability and performance. For information regarding warranty terms and conditions, please refer to the official HOFTRONIC website or contact your retailer.

For technical support, troubleshooting assistance, or spare parts, please contact HOFTRONIC customer service. You can find contact details on the official HOFTRONIC brand store or website:

Visit HOFTRONIC Store

When contacting support, please have your model number (4405496) and purchase date ready.

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