HOFTRONIC 2709167

HOFTRONIC LED Salus Emergency Light

USER MANUAL

Introduction

The HOFTRONIC LED Salus Emergency Light is designed to provide reliable illumination during power outages and to clearly mark emergency exits. This robust and energy-efficient light features a long-lasting battery, flexible installation options, and includes essential safety signage. It is suitable for both indoor and outdoor environments, ensuring safety and visibility when it matters most.

Safety Instructions

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

- Ensure the power supply is disconnected before any installation, maintenance, or repair work.
- Installation should be performed by a qualified electrician in accordance with local electrical codes and regulations.
- Do not expose the product to excessive heat, direct sunlight, or corrosive substances.
- Do not attempt to open or modify the product beyond the specified maintenance procedures.
- Keep the product away from flammable materials.
- Regularly inspect the light for any signs of damage or wear.

Setup and Installation

The HOFTRONIC LED Salus Emergency Light is designed for flexible installation on walls or ceilings. Mounting hardware is included for your convenience.

1. **Preparation:** Ensure the power supply to the installation area is turned off at the circuit breaker.
2. **Mounting Location:** Choose a suitable location for the emergency light, ensuring it is clearly visible and provides adequate illumination for the escape route. The light can be mounted on a wall or ceiling.
3. **Drilling:** Use the provided mounting hardware to mark and drill holes in the chosen surface.
4. **Wiring:** Open the light fixture. Utilize the large connection terminals for simple and secure wiring. Connect the live (L), neutral (N), and earth (E) wires from your electrical supply to the corresponding terminals on the fixture. The

intelligent hinge system facilitates easy access for wiring.

5. **Battery Connection:** Ensure the internal LiFePO4 battery is securely connected.
6. **Secure the Fixture:** Attach the light fixture to the wall or ceiling using the drilled holes and mounting hardware.
7. **Apply Exit Signs:** Select the appropriate rescue sign sticker (left, right, up, or down arrow) from the 4 included options and apply it to the light's transparent cover to indicate the direction of the exit.
8. **Power On:** Restore power to the circuit. The light will begin charging its battery and the indicator light will illuminate.

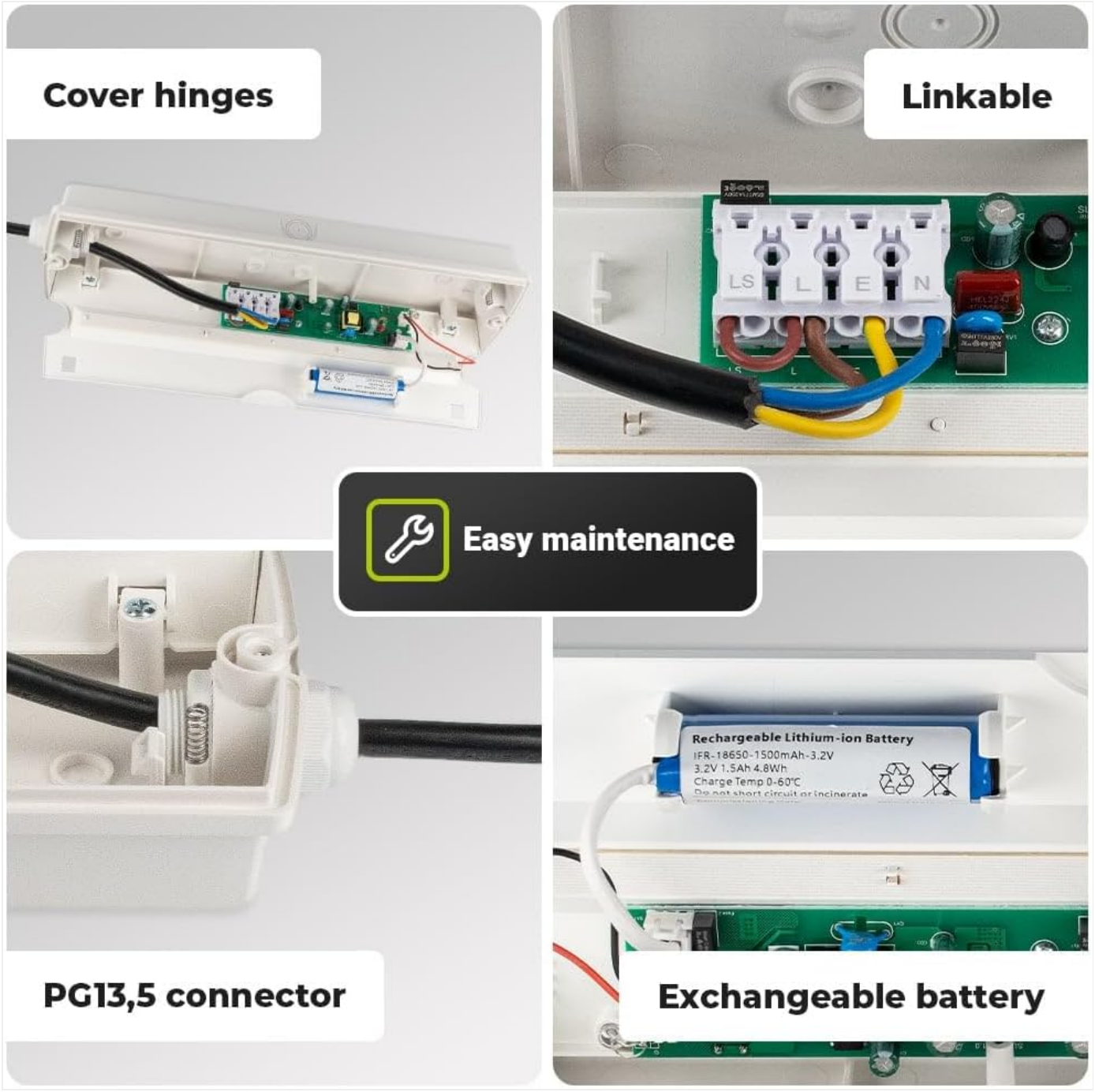


Figure 1: Internal components showing easy maintenance features like cover hinges, linkable terminals, and the exchangeable battery.



Figure 2: Example installation of the emergency light above an exit door.

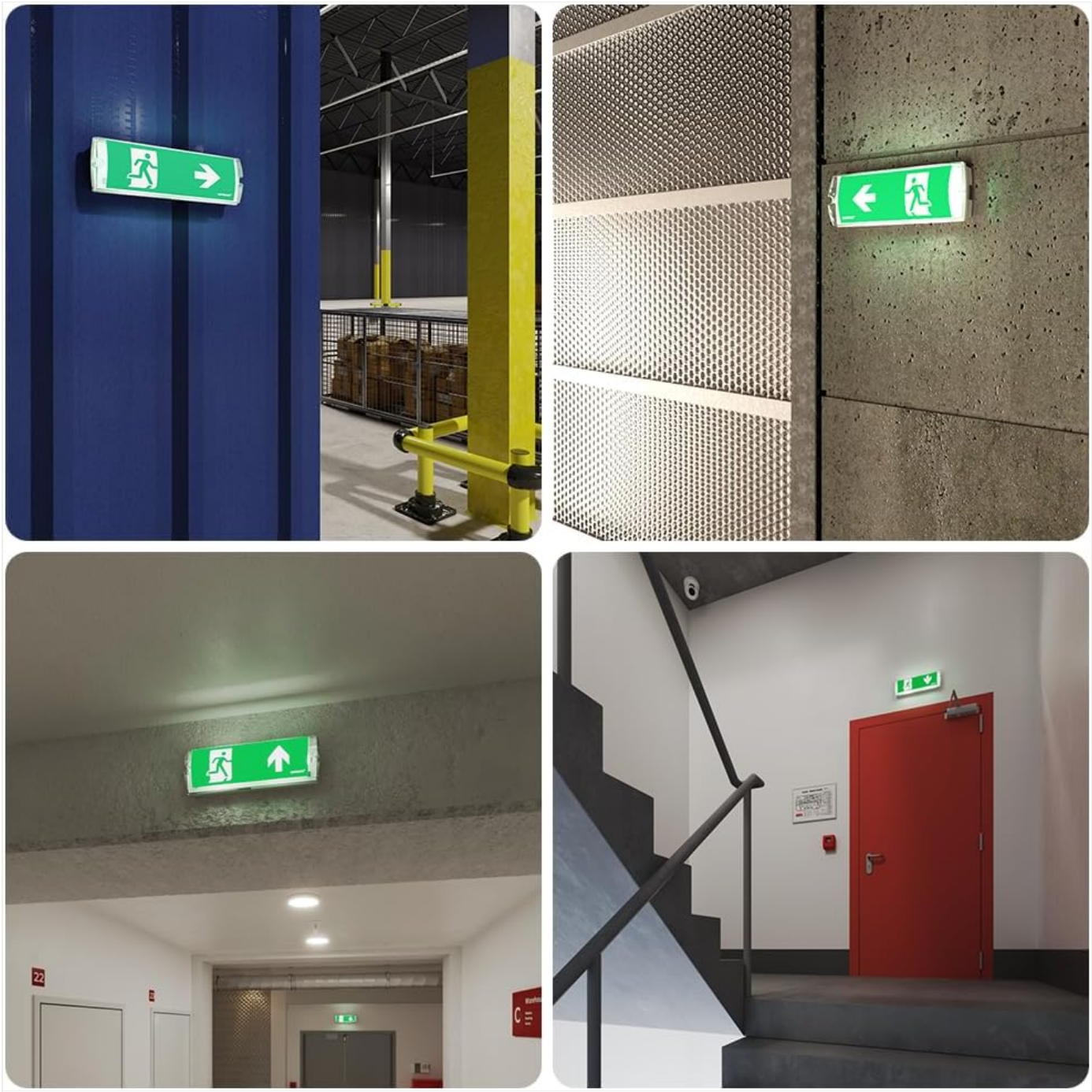


Figure 3: Various installation scenarios demonstrating the versatility of the emergency light.

Operating Instructions

The HOFTRONIC LED Salus Emergency Light operates automatically to provide illumination during power failures.

- **Normal Operation:** When connected to a continuous power supply, the light's battery will charge. The indicator light (a 3-watt green LED) will be illuminated, signifying that the unit is receiving power and the battery is charging or fully charged.
- **Emergency Mode:** In the event of a power outage, the light will automatically switch to battery power and illuminate the exit sign. The LiFePO4 battery provides up to 3 hours of continuous light.
- **Recharging:** After an emergency discharge, the battery requires approximately 24 hours to fully recharge.
- **Visibility:** The 3W LED provides 160 lumens of daylight white light (6500K), ensuring clear visibility up to 22 meters, making it effective for stairwells, corridors, and emergency exits.



Figure 4: The indicator light, a 3-watt green LED, confirms power and charging status.



Figure 5: The emergency light provides a clear viewing distance of up to 22 meters.

Maintenance

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

- **Cleaning:** Periodically clean the exterior of the light with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Check:** It is recommended to perform a monthly test of the emergency light by temporarily cutting power to the circuit to ensure the battery-powered emergency function activates. The light should remain illuminated for the specified duration (up to 3 hours).
- **Battery Replacement:** The LiFePO4 battery is exchangeable. If the light does not hold a charge or fails to illuminate for the full 3 hours during a power outage, the battery may need replacement. Disconnect power before attempting battery replacement. Use only genuine HOFTRONIC replacement batteries.
- **Visual Inspection:** Annually inspect the wiring, housing, and mounting for any signs of damage, corrosion, or loose connections.

Troubleshooting

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

Problem	Possible Cause	Solution
Light does not illuminate during power outage.	Battery not charged or faulty battery. No power to the unit.	Ensure continuous power supply for 24 hours to charge the battery. Test battery. Replace battery if faulty. Check circuit breaker and wiring.
Indicator light is off.	No power supply to the unit. Faulty indicator LED.	Check power supply and wiring connections. If power is present, contact support for LED issue.
Light flickers or dims.	Low battery charge. Nearing end of battery life. Loose connection.	Allow battery to fully charge. Replace battery if issue persists. Check all wiring connections.
Light does not turn off when power is restored.	Internal circuit fault.	Disconnect power, wait a few minutes, then restore. If problem persists, contact manufacturer support.

Specifications

Feature	Detail
Brand	HOFTRONIC
Model Number	2709167
Power Consumption	3 Watts
Luminous Flux	160 lumens
Color Temperature	6500 Kelvin (Daylight White)
Viewing Distance	Up to 22 meters
Battery Type	LiFePO4 (Rechargeable Lithium-ion)
Emergency Operation Time	Up to 3 hours
Recharge Time	Approx. 24 hours
Ingress Protection (IP) Rating	IP65 (Dust tight and protected against water jets)
Material	Polycarbonate (PC)
Operating Temperature	-20 °C to +45 °C
Input Voltage	220 Volts
Dimensions (L x W x H)	351 mm x 111 mm x 63 mm

Feature	Detail
Weight	5 Kilograms
Installation Type	Wall and Ceiling Mount
Included Components	Mounting material, 4 rescue sign stickers

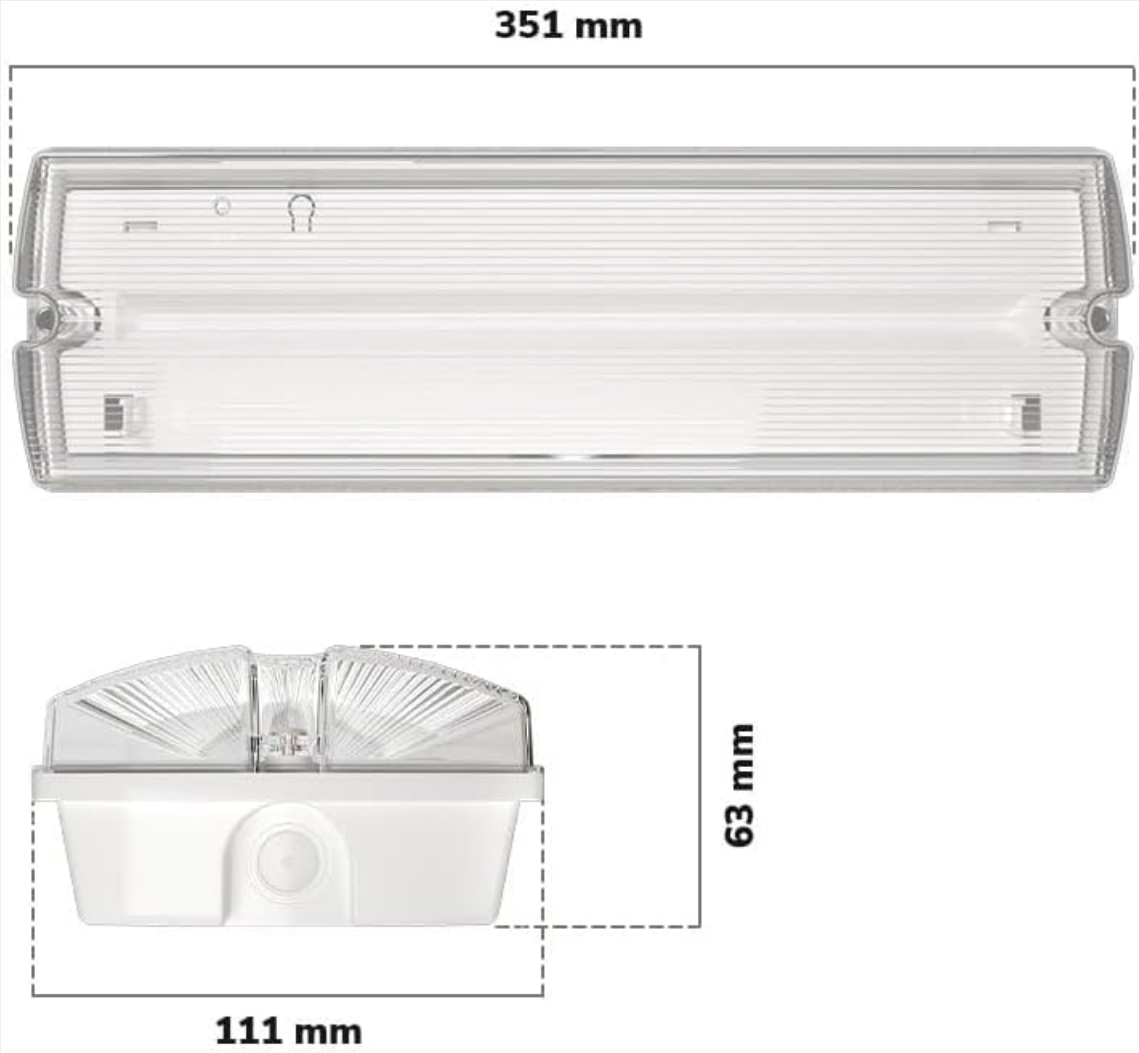


Figure 6: Product dimensions: 351mm (length) x 111mm (width) x 63mm (height).

Warranty and Support

Warranty information for the HOFTRONIC LED Salus Emergency Light is typically provided at the point of purchase or through the retailer. Please refer to your purchase documentation for specific warranty terms and conditions.
For technical support, inquiries, or to report a defect, please contact the seller or the manufacturer, HOFTRONIC, directly. Ensure you have your product model number (2709167) and purchase details available when seeking support.

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Example: How do I reset this device or fix this error?

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