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Beghelli 4340F

Beghelli 4340F 100 Lumen LED Emergency Lamp

User Manual

INTRODUCTION

Thank you for choosing the Beghelli 4340F 100 Lumen LED Emergency Lamp. This device is designed to provide reliable emergency lighting in various environments. Please read this manual carefully before installation and use to ensure proper function and safety.

Product Overview

The Beghelli 4340F is a compact and efficient LED emergency lamp, featuring a built-in battery for automatic operation during power outages. Its modern design and durable plastic construction make it suitable for both indoor and outdoor applications.

What's in the Box

- Beghelli 4340F 100 Lumen LED Emergency Lamp
- Mounting hardware
- User Manual

SAFETY INFORMATION

- Always disconnect power before installation or maintenance.
- Installation should be performed by a qualified electrician in accordance with local wiring regulations.
- Do not expose the unit to extreme temperatures or direct moisture unless specified for outdoor use.
- Do not attempt to open or repair the unit yourself. Refer to qualified service personnel.
- Ensure the mounting surface is stable and can support the weight of the lamp.

SETUP AND INSTALLATION

The Beghelli 4340F emergency lamp is designed for wall-mounted installation, typically recessed into a standard electrical box. Follow these steps for proper setup:

1. Prepare the Unit

Carefully remove the front cover of the emergency lamp to access the internal components. Connect the battery to the circuit board if it is not already connected. Ensure all connections are secure.



Image: The Beghelli 4340F emergency lamp with its front cover removed, revealing the internal battery and circuit board.
This view is essential for initial setup and battery connection.

2. Mounting the Base

Install the black recessed box (not included, but shown in video as a typical installation method) into the wall according to standard electrical practices. Ensure the box is securely fastened and flush with the wall surface.

3. Wiring

Connect the mains power supply (230V~50Hz) to the terminals on the circuit board. Refer to the wiring diagram provided with the product for specific connections. Ensure correct polarity and secure all wires.

4. Assemble the Lamp

Once the wiring is complete and tested, carefully place the lamp's internal assembly (with the battery and circuit board) into the white casing. Then, secure the white casing into the recessed box. Finally, attach the front cover to the white casing, ensuring it clicks firmly into place.

Your browser does not support the video tag.

Video: This video demonstrates the assembly process of the Beghelli emergency lamp, including connecting the battery, placing the internal components into the casing, and securing the unit into a recessed box.

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Video: This video illustrates the final steps of installing the emergency lamp into a recessed wall box, showing how the unit fits securely and the cover is attached.

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Video: This video provides another perspective on the installation of the Beghelli emergency lamp, demonstrating the secure placement of the lamp into its housing.

OPERATING INSTRUCTIONS

The Beghelli 4340F emergency lamp operates automatically once properly installed and connected to the mains power supply.

- **Normal Operation:** When mains power is present, the lamp's internal battery will charge. The lamp will remain off.
- **Emergency Operation:** In the event of a power failure, the lamp will automatically switch on, providing 100 lumens of LED light from its built-in battery.
- **Battery Duration:** The lamp is designed to provide illumination for a specified duration during an emergency. Refer to the specifications for battery autonomy.
- **Testing:** It is recommended to periodically test the emergency lamp by temporarily cutting the mains power to ensure it functions correctly.

MAINTENANCE

Regular maintenance ensures the longevity and reliability of your emergency lamp.

- **Cleaning:** Clean the exterior of the lamp with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Check:** The built-in battery has a limited lifespan. If the lamp's emergency duration significantly decreases, the battery may need replacement. This should be done by a qualified technician.
- **Functionality Test:** Perform a monthly test by simulating a power outage to confirm the lamp activates and provides adequate light.
- **Visual Inspection:** Periodically inspect the lamp for any signs of damage or wear.

TROUBLESHOOTING

If you encounter issues with your Beghelli 4340F emergency lamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lamp does not turn on during power outage.	No mains power; Battery not charged; Battery faulty; Internal wiring issue.	Check mains power supply; Allow 24 hours for initial battery charge; Replace battery (qualified technician); Contact support.
Lamp stays on continuously.	Mains power not connected; Faulty charging circuit.	Verify mains power connection; Contact support.
Reduced emergency lighting duration.	Battery degradation.	Replace battery (qualified technician).

SPECIFICATIONS

Feature	Detail
Brand	Beghelli
Model	4340F

Feature	Detail
Product Type	Lighting Fixture
Luminous Flux	100 lumens
Bulb Type	LED
Power Source	Mains Powered (230V~50Hz) with Built-in Battery
Battery Type	Pb 4V 3Ah (as per product label)
Energy Consumption Class (EU)	125 lm/W
Material	Plastic
Color	White
Shape	Rectangular
Installation Type	Wall Mount (Recessed)
Specific Uses	Outdoor
Certification	CE
Item Weight	1 kg

WARRANTY AND SUPPORT

Beghelli products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the official Beghelli website or contact your local distributor. Keep your purchase receipt as proof of purchase.

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