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› [Walfront AC 220V Rotating LED Industrial Warning Light \(Model BEM-1101\) User Manual](#)

Walfront BEM-1101

Walfront AC 220V Rotating LED Industrial Warning Light

MODEL: BEM-1101 USER MANUAL

1. Introduction

This manual provides essential information for the safe and effective use of your Walfront AC 220V Rotating LED Industrial Warning Light, Model BEM-1101. This device is designed to provide a highly visible warning signal in various industrial and safety environments. Please read this manual thoroughly before installation and operation.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply is disconnected before installation, maintenance, or troubleshooting.
- This device operates on AC 220V. Incorrect voltage can damage the unit and pose a safety hazard.
- Installation should be performed by a qualified electrician or trained personnel.
- Do not open the housing or attempt to modify the internal components. There are no user-serviceable parts inside.
- Keep the device away from flammable materials and excessive moisture.
- Ensure the mounting surface is stable and can support the weight of the warning light.

3. Product Overview

The Walfront BEM-1101 is a rotating LED warning light featuring high brightness and a durable design. It is designed for clear visual signaling without producing audible alarms.



Figure 3.1: Walfront BEM-1101 Rotating LED Warning Light, showing the main unit and included mounting hardware (nuts, washers, spacers).

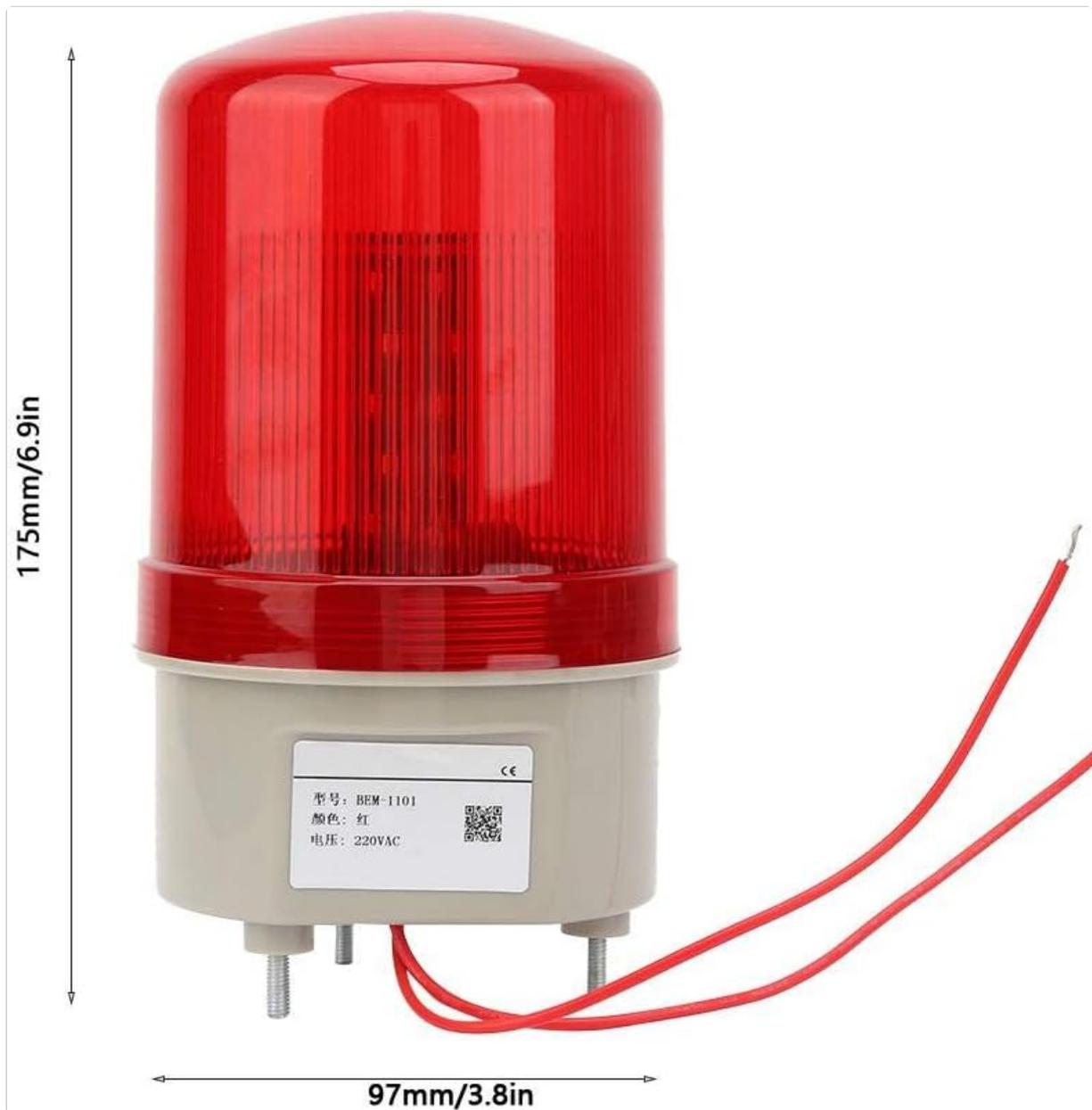


Figure 3.2: Side view of the warning light illustrating its dimensions: 175mm (6.9 inches) in height and 97mm (3.8 inches) in maximum diameter.

Key Features:

- High-brightness rotating red LED for enhanced visibility.
- Silent operation, producing no distracting noise.
- Low power consumption for energy efficiency.
- Stable performance and long operational lifespan.
- Simple bolt-on installation.

4. Setup and Installation

Follow these steps to properly install your warning light:

1. **Select Mounting Location:** Choose a stable, flat surface capable of supporting the light and providing clear visibility.
2. **Mark Drilling Points:** Use the base of the warning light as a template to mark the three triangular bolt positions on your chosen surface.

3. **Drill Holes:** Drill appropriate holes for the mounting bolts.
4. **Secure the Base:** Insert the bolts through the base of the warning light and the drilled holes. Secure the light using the provided spacers, washers, and nuts from the underside of the mounting surface. Ensure it is firmly attached.
5. **Electrical Connection:** Connect the two power wires from the warning light to an AC 220V power source. Ensure proper polarity if indicated, though for AC, typically either wire can connect to either live or neutral. It is recommended to connect through a switch or circuit breaker for safe operation and control.
6. **Verify Installation:** Double-check all connections and mounting security before restoring power.



Figure 4.1: Underside view of the warning light, showing the three mounting bolts and the two red power wires extending from the base.

5. Operating Instructions

The Walfront BEM-1101 warning light operates simply by applying power. Once properly installed and connected to an AC 220V power source, the LED light will begin to rotate and flash, providing a visual warning signal.

- **Power On:** Activate the switch or circuit breaker connected to the warning light's power supply.
- **Power Off:** Deactivate the switch or circuit breaker to turn off the warning light.

This model does not feature adjustable settings or sound output.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your warning light.

- **Cleaning:** Periodically clean the outer casing and lens with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is disconnected before cleaning.
- **Inspection:** Regularly inspect the mounting bolts and electrical connections for tightness and signs of wear or damage. Tighten any loose bolts and replace damaged wiring immediately.
- **Internal Access:** Do not attempt to open the unit for internal cleaning or repair. Contact qualified personnel if internal issues are suspected.

7. Troubleshooting

If you encounter issues with your warning light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not illuminate or rotate.	No power supply. Incorrect voltage. Loose wiring connection.	Check if the power source is active. Verify the power supply is AC 220V. Inspect and secure all electrical connections (ensure power is off first).
Light flickers or operates intermittently.	Unstable power supply. Loose internal connection.	Ensure a stable power source. If the issue persists, contact qualified service personnel. Do not open the unit.
Physical damage to the casing or lens.	Impact or environmental stress.	If functionality is affected or safety is compromised, replace the unit.

8. Specifications

Specification	Value
Brand	Walfront
Model	BEM-1101
Operating Voltage	AC 220V
Power Consumption	<3W
Light Color	Red
Light Type	Rotating LED
Alarm Sound	None

Specification	Value
Fixing Method	Triangular Bolt
Height	175 mm (6.9 inches)
Maximum Diameter	97 mm (3.8 inches)
Product Dimensions (L x W x H)	9.7 x 9.7 x 17.5 cm
Item Weight	200 grams

9. Warranty and Support

Walfront products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or inquiries, please reach out to your product supplier or Walfront customer service.

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Related Documents - BEM-1101

	<p>Stromberg-Carlson No. 1101 AC-DC Radio Receiver Service Notes, Schematics, and Parts Comprehensive service manual for the Stromberg-Carlson No. 1101 AC-DC Radio Receiver, including detailed specifications, alignment procedures, schematic and wiring diagrams, tube information, and a complete replacement parts list.</p>
	<p>Руководство пользователя и технические характеристики часов Casio BEM-502, BEM-503 Полное руководство пользователя для часов Casio BEM-502 и BEM-503, включая информацию о батарее, водостойкости, уходе, технических характеристиках и функциях секундомера.</p>
	<p>Corrigo Ardo: Pre-programmed 24V Ventilation Controller The Corrigo Ardo is a pre-programmed 24V ventilation controller with built-in communication via EXOline, Modbus, or BACnet. It offers fast and easy setup with predefined applications for ventilation and selectable I/O configuration, making it versatile for building ventilation control.</p>
	<p>PROSENSE SC6 Frequency Converter and Pulse Isolator Signal Conditioners User Manual Comprehensive user manual for the PROSENSE SC6 series of frequency converters, pulse isolators, and signal conditioners. Covers installation, technical specifications, wiring diagrams, and troubleshooting for industrial automation applications.</p>



[Руководство пользователя CASIO Модуль 4358: Эксплуатация, функции и уход](#)

Подробное руководство пользователя для часов CASIO с номером модуля 4358, охватывающее эксплуатацию, водостойкость, уход и информацию о продукте для моделей BEM-501/506, EF-507/519/526, EFR-500, EFX-510/520, SHE-5019.



[Tarana Base Node Installation Guide](#)

A comprehensive guide for installing the Tarana Base Node (BN), covering safety precautions, preparation, powering, initial configuration, and physical installation.