

LUMENIX LMC108-38IN-WY-2

LUMENIX 38-Inch Rooftop Strobe Emergency Light Bar Instruction Manual

Model: LMC108-38IN-WY-2

INTRODUCTION

Thank you for choosing the LUMENIX 38-Inch Rooftop Strobe Emergency Light Bar. This product is designed to provide high visibility and safety for various vehicles, including construction vehicles, tow trucks, snow plows, and more. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your device.

PRODUCT FEATURES

- **All-in-One Design:** Features a durable aluminum alloy housing and clear, scratch-resistant lenses for maximum visibility in all weather conditions.
- **High Visibility:** Equipped with 216 high-power LED chips, providing vibrant 360-degree visibility for enhanced safety during emergencies, roadside assistance, or construction work.
- **Multiple Flashing Patterns:** Offers 21 distinct flashing strobe patterns, including 4 traffic advisor directional modes, 2 alley lights, and 1 take-down light. The control panel allows for easy mode selection.
- **Durable Construction:** Built with a rugged, weather-resistant design to withstand harsh outdoor conditions.
- **Versatile Application:** Suitable for a wide range of vehicles such as SUVs, tow trucks, construction vehicles, snowplows, and trailers.



Image: Overview of the LUMENIX 38-inch light bar highlighting its robust construction and high-intensity LEDs.

PACKAGE CONTENTS

Please verify that all components are present before proceeding with installation:

- 1 x LUMENIX 38-Inch Rooftop Strobe Emergency Light Bar
- 1 x Control Panel with Digital Display
- Magnetic Mount Brackets with Suction Cup Padding
- Power Cable with 12V-24V Cigarette Adapter
- Mounting Hardware (screws, adjustable legs)

SETUP AND INSTALLATION

The LUMENIX light bar offers simple installation using its magnetic mount system. Ensure the mounting surface is clean and dry before installation.

1. **Prepare the Mounting Surface:** Clean the vehicle's rooftop thoroughly to ensure optimal adhesion for the magnetic mounts.
2. **Position the Light Bar:** Carefully place the light bar on the desired location on the vehicle's roof. The heavy-duty aluminum magnetic mount brackets, equipped with suction cup padding, provide a strong and stable attachment.
3. **Secure Magnetic Feet (Optional Fixed Mounting):** For a more permanent installation, the magnetic feet can be secured by removing the screws on the magnet feet and using the adjustable legs to bolt the light bar to a roof rack or other suitable structure.
4. **Connect Power:** Plug the power cable with the 12V-24V cigarette adapter into your vehicle's power outlet.
5. **Route Cable:** Route the power cable safely to avoid interference with vehicle operation or damage to the cable.

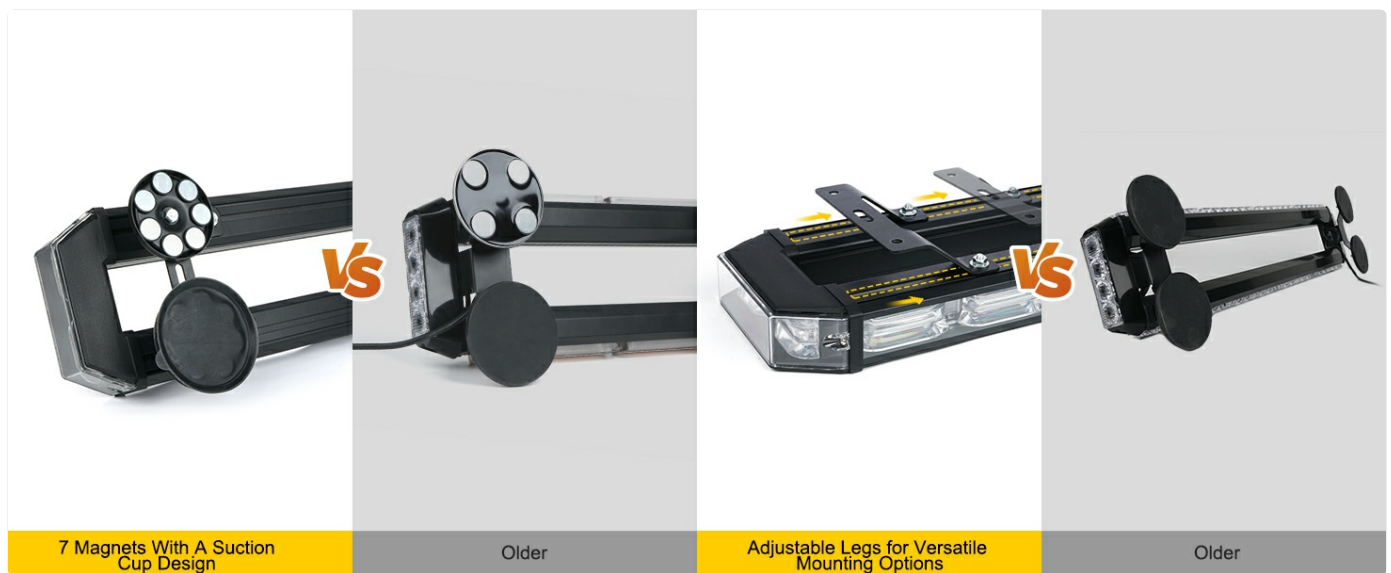


Image: Illustration of the magnetic mounting system and optional fixed mounting using adjustable legs.



Image: Detail of the magnetic base with suction cups, designed for strong adhesion.

OPERATING INSTRUCTIONS

The light bar is controlled via a user-friendly control panel. Familiarize yourself with its functions before use.

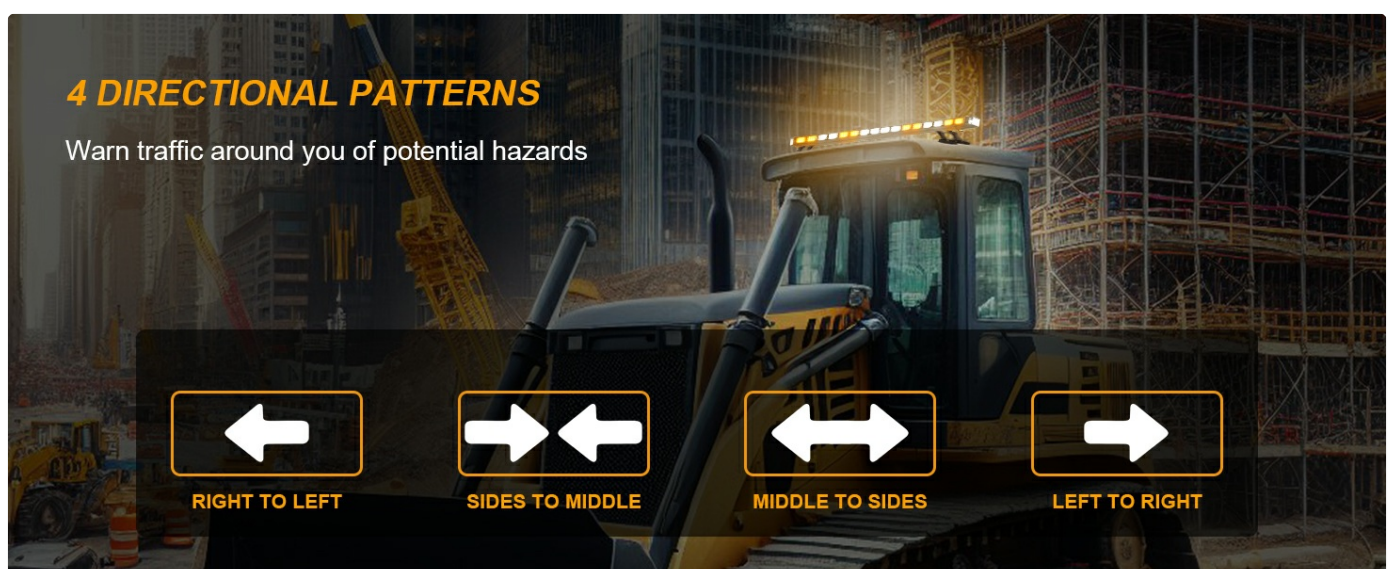


Image: The control panel for the light bar, illustrating its various buttons and indicators.

1. **Power On/Off:** Use the main power switch on the control panel to turn the light bar on or off.
2. **Select Strobe Patterns:** Press the "Pattern Selection" button to cycle through the 21 available flashing strobe patterns. The digital display may indicate the current pattern number.
3. **Traffic Advisor Modes:** The control panel includes buttons for 4 traffic advisor directional modes (e.g., left to right, right to left, center out, center in). Select the appropriate mode to direct traffic.
4. **Alley Lights:** Activate the 2 alley lights using their dedicated buttons on the control panel for side illumination.
5. **Take-Down Light:** Use the "Take Down" button to activate the single take-down light for forward illumination.



Image: Visual representation of the four directional traffic advisor patterns.

Demonstration Video

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Video: A demonstration of the LUMENIX 38-inch light bar, showcasing its various flashing patterns and control panel functions. This video is provided by Lumenix Auto.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your light bar.

- **Cleaning:** Periodically clean the lenses and housing with a soft cloth and mild soap solution. Avoid abrasive cleaners that could scratch the lenses.
- **Inspect Mounts:** Regularly check the magnetic mounts and suction cups for secure attachment. Ensure no debris is trapped between the mounts and the vehicle surface.
- **Cable Inspection:** Inspect the power cable for any signs of wear, cuts, or damage. Replace if necessary.
- **Weatherproofing:** As noted by some users, consider applying silicone sealant to plastic joints and around the rubber cups of the magnetic feet to enhance water resistance, especially in harsh weather conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light bar does not turn on.	No power, loose connection, faulty fuse in cigarette adapter.	Check if the cigarette adapter is fully inserted. Verify vehicle's power outlet is functional. Inspect the power cable for damage. Check and replace the fuse in the cigarette adapter if blown.
Some LEDs are not flashing or are dim.	Damaged LED chip, internal wiring issue.	Contact customer support for assistance. Do not attempt to repair internal components yourself.
Light bar is not securely attached to the roof.	Dirty mounting surface, weak magnetic adhesion, damaged suction cups.	Clean the vehicle's roof and the magnetic bases thoroughly. Ensure suction cups are intact and properly seated. For high-speed applications, consider fixed mounting options if available.
Control panel is unresponsive.	Loose connection to light bar, internal fault.	Ensure the control panel cable is securely connected. Disconnect and reconnect power to reset. If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	LMC108-38IN-WY-2
Color	White Amber
LED Chips	216 LEDs
Power	84W
Input Voltage	12V-24V DC (Cigarette Adapter)
Material	Aluminum Housing, PC Lens
Strobe Patterns	21 Flashing Patterns (including 4 traffic advisor, 2 alley, 1 take-down)
Cable Length	11.5 FT
Dimensions (L x W x H)	38.0 in x 6.8 in x 3.1 in
Mounting Type	Magnetic with Suction Cups (Optional Fixed Mounting)



Image: Detailed product specifications including dimensions and key features.

WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please refer to the product packaging or visit the official LUMENIX website. Keep your purchase receipt as proof of purchase.

Manufacturer: LUMENIX

Brand: LUMENIX

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For further assistance, please contact LUMENIX customer support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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