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Xprite SL-C107M-G2-WY

Xprite Upgraded 12" 72LED Rooftop Mini Strobe Lights User Manual

Model: SL-C107M-G2-WY

1. Introduction

This manual provides essential information for the safe and effective use of your Xprite Upgraded 12" 72LED Rooftop Mini Strobe Light. Designed for emergency safety and enhanced visibility, this light bar is suitable for a variety of 12V-24V vehicles including construction vehicles, trucks, snow plows, and postal cars. Please read this manual thoroughly before installation and operation.

2. Product Features

- **High-Intensity LEDs:** Equipped with 72 high-intensity LED chips for superior visibility day and night.
- **Durable Construction:** Features a robust ABS housing, crystal clear, scratch-resistant PC lens, and an IP66 waterproof rating, ensuring durability in harsh weather conditions.
- **Powerful Magnetic Base:** Includes 2 pods with a total of 12 strong magnets and protective rubber feet for secure attachment to any vehicle metal rooftop.
- **Easy Installation:** Comes with a 10-foot straight power cable for convenient setup.
- **Multiple Flash Patterns:** Offers 15 distinct strobe flash patterns, selectable via a dual-switch 12V cigarette plug, with a last pattern memory recall function.
- **Wide Compatibility:** Ideal for construction, safety, security, snowplow, postal, city service, and agricultural vehicles operating on 12V-24V systems.

3. What's in the Box

The package includes the following components:

- One (1) Xprite Upgraded 12" 72LED Rooftop Mini Strobe Light (Mix White/Amber)



Figure 3.1: Contents of the package, showing the strobe light bar and its attached power cable with cigarette lighter plug.

4. Setup and Installation

The Xprite Rooftop Mini Strobe Light is designed for quick and secure installation using its powerful magnetic base.

1. **Vehicle Preparation:** Ensure the vehicle's rooftop surface is clean, dry, and free of debris where the light bar will be placed.
2. **Placement:** Carefully place the light bar on a flat, metallic section of your vehicle's roof. The two magnetic pods with protective rubber feet will securely attach the unit.
3. **Cable Routing:** Route the 10-foot power cable into the vehicle's cabin, ensuring it does not interfere with doors, windows, or other moving parts.
4. **Power Connection:** Insert the 12V cigarette lighter plug into your vehicle's 12V-24V power outlet.



Figure 4.1: The strobe light securely mounted on a vehicle roof using its magnetic base.

Important Note for Aluminum Roofs:

For vehicles with aluminum roofs, the magnetic suction function will not work directly. In such cases, a separate metal bracket must be installed to provide a suitable mounting surface for the magnetic base.

5. Operating Instructions

The strobe light is operated via the dual-switch cigarette lighter plug.

1. **Power On/Off:** Use the first switch (typically marked with a power symbol or a red indicator) on the cigarette plug to turn the light bar on or off.
2. **Change Flash Patterns:** Use the second switch (typically a momentary button) to cycle through the 15 available strobe flash patterns. The unit features a last pattern memory recall, meaning it will resume the last selected pattern when powered on again.



Figure 5.1: The dual-switch controller for power and pattern selection.

Visibility and Applications:

The 72 high-intensity LEDs provide 360-degree surround light, visible up to 1/4 mile, ensuring maximum safety. The various flash patterns are designed to provide caution to potential upcoming hazards in diverse scenarios, including:

- Emergency roadside stops
- Construction zones

- Snow plowing operations
- Postal and city service routes
- Agricultural vehicle use

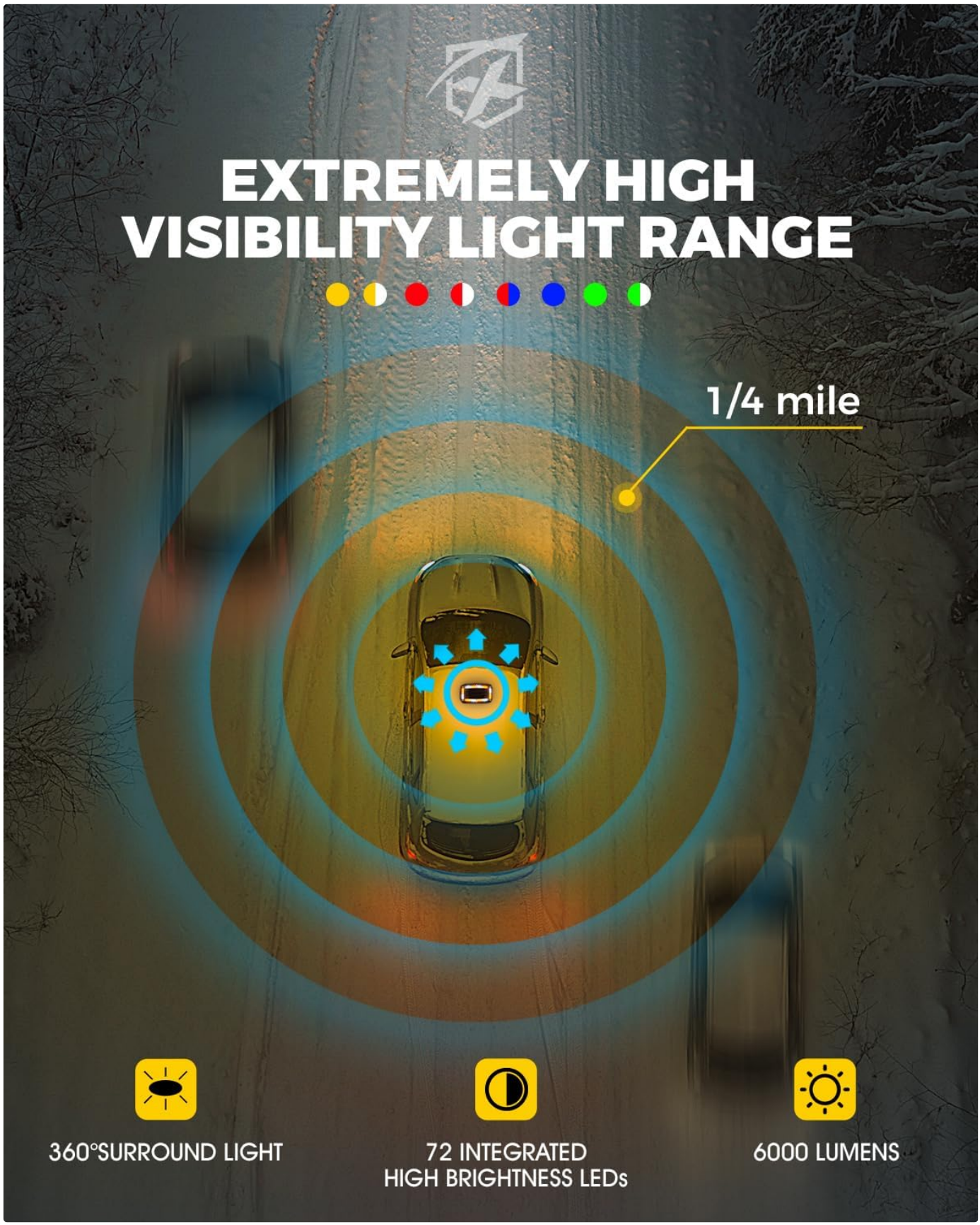


Figure 5.2: Illustration of the product's high visibility range.



Figure 5.3: Example of the strobe light's use in an emergency roadside scenario.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your strobe light.

- **Cleaning:** Regularly wipe the clear PC lens with a soft, damp cloth to remove dirt and debris. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Periodically inspect the power cable for any signs of wear, fraying, or damage. Ensure the cigarette lighter plug is clean and free of corrosion.
- **Magnetic Base:** Check the magnetic pods and their rubber feet for any damage or excessive wear. Ensure they are clean to maintain strong adhesion.
- **Waterproof Integrity:** While the unit is IP66 waterproof, avoid submerging it. Ensure the housing remains sealed and free of cracks.



Figure 6.1: The waterproof design of the strobe light, suitable for various weather conditions.

7. Troubleshooting

If you encounter issues with your Xprite strobe light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power from vehicle outlet. Cigarette plug fuse blown. Loose connection.	Check vehicle's 12V-24V power outlet with another device. Inspect and replace the fuse within the cigarette lighter plug if necessary. Ensure the plug is fully inserted and the power switch is ON.
Flash patterns do not change.	Pattern change button malfunction. Internal circuit issue.	Press the pattern change button firmly. If the issue persists, contact Xprite customer support.
Light is dim or flickers.	Insufficient power supply. Damaged cable or LEDs.	Ensure stable power from the vehicle. Inspect the cable for damage. If LEDs are damaged, replacement may be necessary.
Magnetic base not holding securely.	Surface is not metallic or is dirty. Rubber feet are damaged or missing.	Clean the mounting surface thoroughly. Ensure the roof is steel/iron. For aluminum roofs, a metal bracket is required. Check and replace rubber feet if damaged.

8. Specifications

Attribute	Detail
Brand	Xprite
Model	12" Rooftop Mini Strobe Lights (SL-C107M-G2-WY)
Color	Mix White/Amber
LED Quantity	72 high-intensity LED chips
Wattage	36 watts
Voltage	12V-24V DC
Waterproof Rate	IP66
Lens Material	Polycarbonate (PC)
Housing Material	ABS
Cable Length	10 feet
Dimensions (L x W x H)	13 x 8 x 4 inches
Item Weight	1.2 pounds
Lifespan	Over 50,000 hours

Attribute	Detail
Mounting Type	Magnetic Base
UPC	799418334097, 632138622795

9. Warranty and Support

Specific warranty details for the Xprite Upgraded 12" 72LED Rooftop Mini Strobe Light are not provided within this manual. For warranty information, technical support, or any product-related inquiries, please refer to the official Xprite website or contact their customer service directly.

You can visit the Xprite Store on Amazon for more information: Xprite Amazon Store

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