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Uriah Products UL903000

Instruction Manual

Uriah Products UL903000 Double-Bullseye Amber LED Clearance Light

Model: UL903000 | Brand: Uriah Products

PRODUCT OVERVIEW

The Uriah Products UL903000 is an amber LED clearance light designed as a replacement marker light for trailers. This rectangular light features a double-bullseye style lens and utilizes bright LEDs for enhanced visibility. It is engineered for durability and ease of installation, ensuring your trailer meets safety requirements for lighting.

Key features include:

- Replacement trailer clearance / marker light
- Measures 4" x 2" and includes mounting base for easy installation
- Double-bullseye style lens and bright LEDs illuminate trailer
- Single-wire connection
- Amber color

PACKAGE CONTENTS

Verify that all items listed below are present in the package:

- 1 x Uriah Products UL903000 Amber LED Clearance Light
- 1 x White Mounting Base

INSTALLATION INSTRUCTIONS

This section provides step-by-step instructions for installing the Uriah Products UL903000 clearance light. Ensure the vehicle's power is off before beginning installation.

Tools Required:

- Screwdriver (appropriate for mounting screws)
- Wire strippers/crimpers
- Electrical tape or heat shrink tubing
- Drill (if new mounting holes are required)

Installation Steps:

1. **Prepare Mounting Surface:** Identify the desired mounting location on your trailer. The light measures 4" x 2" x 1-1/8" and the mounting holes are 3" apart. Ensure the surface is clean and flat.
2. **Mount the Base:** Position the white mounting base and secure it to the trailer using appropriate screws. If replacing an existing light, use the pre-drilled holes if they align (3" apart).
3. **Wire Connection:** The UL903000 features a single-wire connection. Connect the light's wire to the trailer's positive (+) power wire for the clearance lights. Ensure a secure electrical connection, using wire connectors, solder, or crimp terminals. Insulate all connections with electrical tape or heat shrink tubing to prevent short circuits and corrosion. The light grounds through its mounting base.
4. **Attach Light to Base:** Snap or screw the amber LED clearance light onto the mounted white base. Ensure it is securely fastened and properly oriented.
5. **Test Functionality:** Once installed, turn on your trailer's lights to verify that the new clearance light illuminates correctly.



Image: Uriah Products UL903000 Amber LED Clearance Light. This image shows the rectangular amber light with two bullseye-style lenses and a single black wire extending from one end, indicating its electrical connection point.

OPERATION

The Uriah Products UL903000 LED Clearance Light operates automatically when connected to your trailer's electrical system and the vehicle's lights are activated. It functions as a marker light to enhance the visibility of your trailer, especially during low-light conditions or at night.

To operate:

1. Ensure the light is correctly installed and wired to your trailer's lighting circuit as per the "Installation

Instructions" section.

2. Connect your trailer to the towing vehicle.
3. Turn on the towing vehicle's headlights or parking lights. The UL903000 clearance light should illuminate, providing amber light for visibility.

Regularly check all trailer lights, including the UL903000, before each tow to ensure they are fully functional and visible.

CARE AND MAINTENANCE

The Uriah Products UL903000 LED Clearance Light is designed for durability and minimal maintenance. Following these simple guidelines will help ensure its longevity and optimal performance:

- **Regular Cleaning:** Periodically clean the lens with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the lens material.
- **Inspect Wiring:** Annually or as needed, inspect the wiring connections for any signs of corrosion, fraying, or loose connections. Ensure all connections remain insulated and secure.
- **Check Mounting:** Verify that the light and its mounting base remain securely fastened to the trailer. Tighten any loose screws if necessary.
- **LED Longevity:** LED lights have a long lifespan and typically do not require bulb replacement. If the light stops functioning, refer to the Troubleshooting section.
- **Waterproof Feature:** The light is designed to be waterproof. However, avoid directing high-pressure water sprays directly at the light's seals during cleaning.

TROUBLESHOOTING

If your Uriah Products UL903000 LED Clearance Light is not functioning as expected, consult the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not illuminate.	No power to the light. Loose or corroded wiring connection. Faulty ground connection. Damaged light unit.	Check the trailer's main lighting circuit and fuses. Inspect all wire connections for tightness and corrosion. Clean or re-secure as needed. Ensure the mounting base has good contact with a clean, unpainted metal surface for proper grounding. If all connections are good and power is present, the light unit may need replacement.
Light flickers or is dim.	Poor electrical connection. Insufficient voltage.	Check and secure all wiring connections. Verify the vehicle's electrical system is providing adequate voltage to the trailer lights.

Problem	Possible Cause	Solution
Moisture inside the lens.	Compromised seal.	While the light is waterproof, extreme conditions or damage can compromise seals. If moisture persists, the unit may need replacement.

If you continue to experience issues after attempting these solutions, contact Uriah Products customer support for further assistance.

PRODUCT SPECIFICATIONS

Brand	Uriah Products
Model Number	UL903000
Light Source Type	LED
Color	Amber
Lens Color	Amber
Vehicle Service Type	Trailer
Special Feature	Waterproof
Item Dimensions (L x W x H)	4" x 2" x 1-1/8"
Mounting Hole Spacing	3 inches (center to center)
Connection Type	Single-wire
Assembly Required	No
Item Weight	3.2 ounces
UPC	805089903002

WARRANTY AND SUPPORT

For information regarding warranty coverage, product returns, or technical support for your Uriah Products UL903000 LED Clearance Light, please refer to the official Uriah Products website or contact their customer service department directly. Keep your purchase receipt as proof of purchase.

For the most current contact information and support resources, visit the Uriah Products official website or the retailer where the product was purchased.