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› Auxbeam 50-Inch LED Straight Light Bar User Manual (Model ZD000807)

Auxbeam ZD000807

Auxbeam 50-Inch LED Straight Light Bar User Manual

Model: ZD000807

1. INTRODUCTION

Thank you for choosing the Auxbeam 50-Inch LED Straight Light Bar. This product is designed to provide versatile and powerful illumination for various off-road and utility applications. It features multiple lighting modes, a durable waterproof design, and convenient operational features.



Image 1: Auxbeam 50-Inch LED Straight Light Bar and accessories.

2. PRODUCT FEATURES

- **6 Lighting Modes:** Easily switch between white, amber, white & amber, white strobe, amber strobe, and white & amber strobe modes.
- **Ultra-High Brightness:** Equipped with advanced LED chips (440pcs 3030 chips) delivering 288W and 28800lm. Features 6000K white and 3500K amber light.
- **Spot & Flood Combo Beam:** Provides a blend of focused spot and wide flood illumination for comprehensive coverage.
- **Durable Construction:** IP68 rated waterproof and dustproof. Constructed with heavy-duty 6063 die-casting aluminum housing for optimal heat dissipation and a lifespan exceeding 50,000 hours.
- **EMC Built-in:** Designed with built-in electromagnetic interference (EMC) to prevent radio interference and flickering.
- **Memory & Restore Function:** The light bar remembers the last used mode. A long press (3+ seconds) on the mode switch restores it to the initial white light mode.

Spot & Flood Combo Straight Light Bar

Brighter Than Expected & No Delay

✓ 3030 SMD LED chips ✓ 300% Trusted Bright



Image 2: Detailed view of the light bar's spot and flood beam optics.

3. WHAT'S IN THE BOX

- 1 x 6 Modes Straight Light Bar
- 2 x Installation Accessories (Mounting Brackets)
- 1 x 10FT Wiring Harness Kit

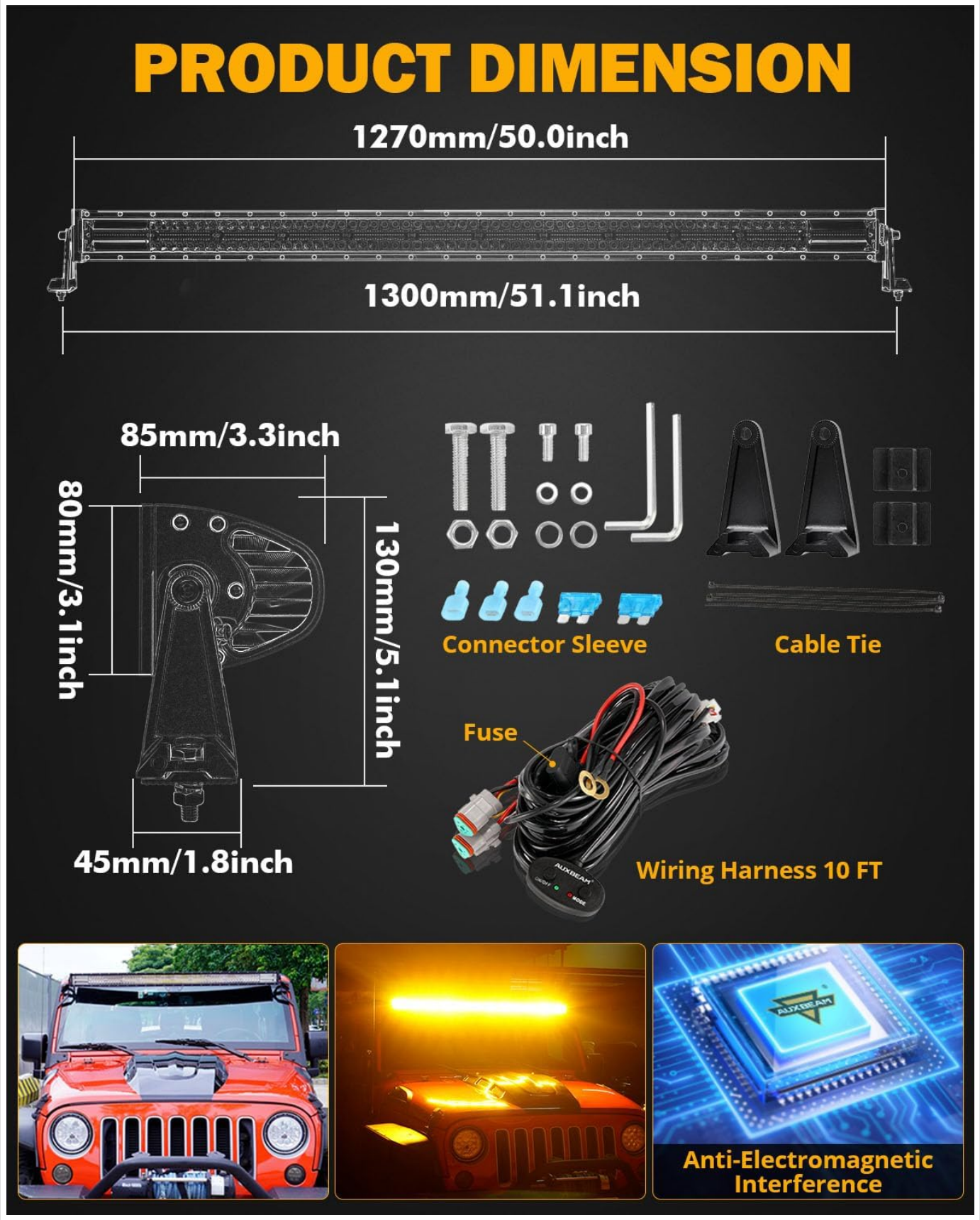


Image 3: All components included in the product package.

4. SPECIFICATIONS

Specification	Value
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Brand	Auxbeam
Model Number	ZD000807
Product Dimensions	50.59 x 5.51 x 4.72 inches
Item Weight	9.18 pounds
Material	Aluminum
Finish Type	Aluminum
Light Source Type	LED
Wattage	288 Watts
Brightness	28800 Lumen
Voltage	12 Volts
Color	6 modes light (Amber & White)
Mounting Type	Rack Mount
Special Features	Memory Function, Restore Function, White & Amber Strobe Function

5. SETUP AND INSTALLATION

This light bar is suitable for almost all 12V battery vehicles. The included 10FT wiring harness kit simplifies installation.

5.1 Wiring Connection

The wiring harness includes three main lines for connection:

- **Black Line:** Connect to the negative terminal of your vehicle's battery.
- **Red Line:** Connect to the positive terminal of your vehicle's battery.
- **Yellow Line:** Connect to the mode positive terminal of your vehicle for mode conversion.

JUST PLUG AND PLAY

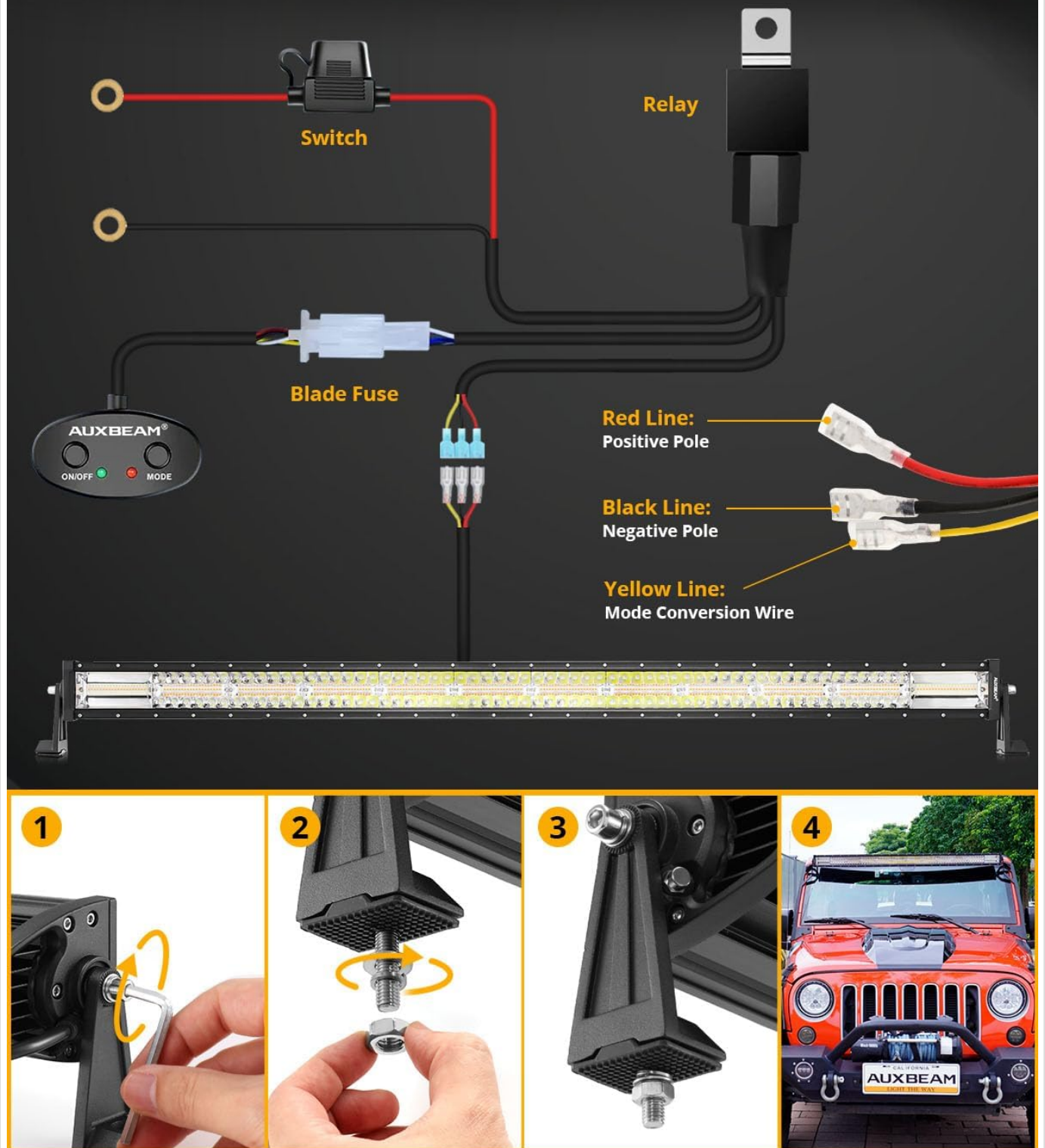


Image 4: Wiring diagram for the Auxbeam light bar.

Ensure all connections are secure and properly insulated. The harness includes a relay and fuse for circuit protection.

5.2 Mounting the Light Bar

The light bar comes with installation accessories for mounting. Choose a suitable location on your vehicle, such as a roof rack or bumper, ensuring it does not obstruct your view or vehicle's sensors.

1. Attach the mounting brackets to the light bar using the provided screws and Allen wrench.

2. Secure the light bar to your desired location on the vehicle.
3. Adjust the angle of the light bar as needed for optimal illumination.

For visual guidance on installation, refer to the official product video below:

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Video 1: Official Auxbeam product video demonstrating installation and features.

6. OPERATING INSTRUCTIONS

The Auxbeam light bar features 6 distinct lighting modes, controllable via the included remote switch.

6.1 Switching Lighting Modes

Press the mode switch button on the wiring harness to cycle through the following modes:

- White Light (6000K)
- Amber Light (3500K)
- White & Amber Light
- White Strobe
- Amber Strobe
- White & Amber Strobe

UPGRADE 6 LIGHTING MODES

Intelligent Memory & Reset Function

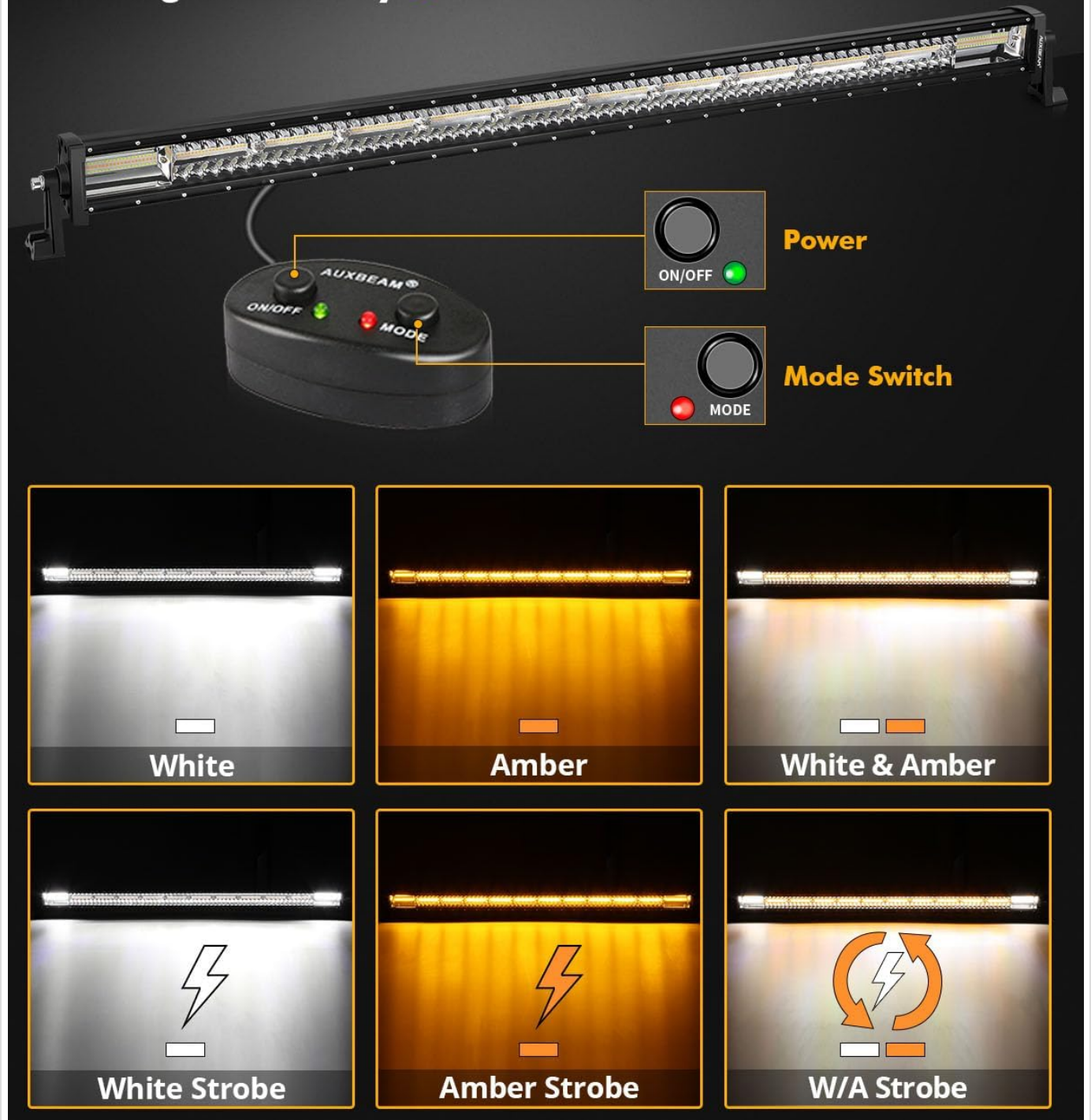


Image 5: Visual representation of the 6 lighting modes.

6.2 Memory and Restore Function

The light bar is equipped with a memory function that recalls the last used mode. To restore the light bar to its initial white light mode, long-press the mode switch on the wiring harness for more than 3 seconds.

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Video 2: Demonstration of the 6 lighting modes and memory function.

7. MAINTENANCE

To ensure optimal performance and longevity of your Auxbeam LED Light Bar, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the lens with a soft cloth and mild soap to remove dirt, dust, and debris. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Periodically check all wiring connections for tightness and signs of wear or corrosion. Ensure mounting hardware is secure.
- **Waterproof Integrity:** The light bar is IP68 rated for water and dust resistance. Avoid submerging the light bar for extended periods or exposing it to high-pressure water jets directly on seals.
- **Heat Dissipation:** The 6063 die-casting aluminum housing is designed for efficient heat dissipation. Ensure the heat sink fins on the back of the light bar are free from obstructions to allow proper airflow.

IP68 WATERPROOF

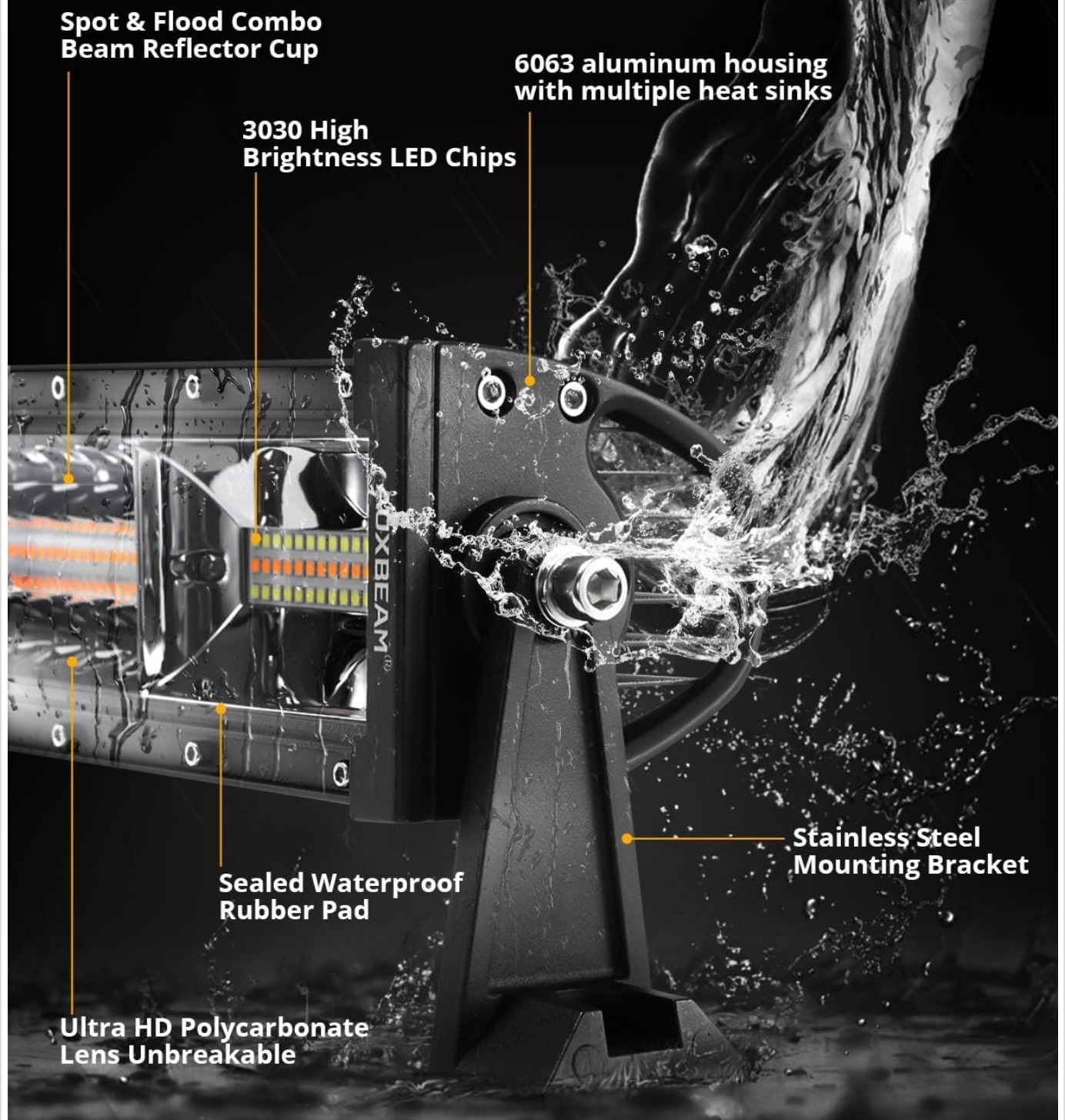


Image 6: Illustration of the light bar's waterproof design and heat dissipation features.

8. TROUBLESHOOTING

If you encounter any issues with your Auxbeam LED Light Bar, consider the following common troubleshooting steps:

- **Light Not Turning On:**
 - Check all wiring connections to ensure they are secure and correctly connected to the vehicle's battery.

- Inspect the fuse in the wiring harness. Replace if blown.
- Verify the switch is functioning correctly.

- **Flickering or Intermittent Operation:**

- Check for loose wiring connections or damaged wires.
- Ensure the vehicle's electrical system is providing stable 12V power.
- The built-in EMC should prevent most interference, but ensure no other electrical components are causing issues.

- **Incorrect Mode Switching:**

- Ensure the yellow mode conversion wire is correctly connected.
- Try the memory restore function by long-pressing the mode switch for 3+ seconds.

If problems persist, please contact Auxbeam customer service for further assistance.

9. WARRANTY AND SUPPORT

The Auxbeam 50-Inch LED Straight Light Bar comes with a **24-month warranty**. For any installation or product-related questions, please contact the Auxbeam team. They provide **24-hour online customer service** to assist you. For support, please visit the official Auxbeam website or contact their customer service channels as provided with your purchase documentation.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question