Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Auxbeam ZD000681AB

Auxbeam 52 Inch 450W LED Light Bar Instruction Manual

Model: ZD000681AB | Brand: Auxbeam

1. Product Overview

The Auxbeam 52-inch LED Light Bar features ultra-high illumination with high-intensity KW3 LED chips and double rows of deep reflectors, complemented by upgraded P8 beads on both sides. This design effectively boosts the light output to 55000LM, making it 300%-400% brighter and significantly more visible at night compared to conventional 52-inch LED light bars.

Equipped with a super bright combo beam, this light bar offers a dual combination of spot and flood lighting, providing a superior lighting effect over single-function lights. It ensures a brighter, wider, and longer field of vision without dark spots or halos, enhancing driving safety by effectively reducing blind spots.

Constructed from high-quality die-cast aluminum alloy, the Auxbeam 52-inch light bar incorporates multiple heat sinks for efficient cooling. Its IP68 waterproof rating and advanced sealing technology enable it to withstand harsh environmental conditions, ensuring a lifespan exceeding 50,000 hours.

With 99% compatibility, this light bar is suitable for various vehicles including Cars, Trucks, Off-Road vehicles, Jeeps, SUVs, ATVs, UTVs, Boats, Pickups, 4x4s, and Mining vehicles that operate on DC 9-30V. It is ideal for off-road lighting, work lights, and driving lights.

2. What's in the Box

- 1 x 52in LED Light Bar
- 1 x 10FT DT Wiring Harness Kit
- 2 x Mounting Brackets
- 1 x Screw Accessories
- 1 x User Manual & Sticker



Figure 2.1: Auxbeam 52-inch LED Light Bar and all included components for installation.

3. Specifications

Feature	Specification
Model	ZD000681AB
Dimensions	54.33 x 5.51 x 4.72 inches
Weight	13.92 pounds
Wattage	450 Watts
Brightness	55000 Lumens
Color Temperature	6500 Kelvin
Voltage	12 Volts (DC 9-30V compatible)
Material	Die-cast Aluminum Alloy
Waterproof Rating	IP68
Light Source Type	LED (KW3, P8 chips)
Lens Type	5D PRO Optic Lens

4. Installation

The Auxbeam 52-inch LED Light Bar is designed for straightforward installation. It comes with a 10FT DT wiring harness kit and two types of mounting brackets to suit various vehicle setups: side mounting and bottom mounting. Ensure your vehicle's electrical system is compatible with DC 9-30V before beginning installation.
For detailed steps, refer to the included user manual and consider the following visual guides:



Figure 4.1: The light bar offers both side mounting and bottom mounting bracket options for flexible installation.

Video 4.1: Official Auxbeam video demonstrating the installation process and key features of the 5D PRO series light bar.

5. Operation

Once installed and wired correctly using the provided harness, the Auxbeam light bar can be operated via its integrated switch. The dual spot and flood beam pattern provides comprehensive illumination for various driving conditions.

- **Spot Beam:** Provides a concentrated, long-distance light for clear visibility far ahead.
- **Flood Beam:** Offers a wider spread of light, illuminating the immediate surroundings and peripheral areas.
- **Combo Beam:** Combines both spot and flood for optimal visibility in diverse off-road scenarios.



Figure 5.1: Illustration of the 5D PRO lens technology, showcasing the effective spot and flood beam patterns for enhanced visibility.



Figure 5.2: Examples of the light bar's wide range of applications across different vehicle types, including ATVs, trucks, SUVs, and boats.

6. Maintenance

To ensure the longevity and optimal performance of your Auxbeam LED Light Bar, regular maintenance is recommended:

- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap to remove dirt, mud, or debris that may obstruct light output. Avoid abrasive cleaners.
- **Inspection:** Regularly check all mounting hardware and electrical connections for tightness and corrosion. Ensure the wiring harness is free from damage.
- **Waterproofing:** The light bar features an IP68 waterproof rating and a breathable valve to prevent moisture buildup. Avoid submerging the light bar for extended periods or using high-pressure washers directly on the seals.
- **Heat Dissipation:** The aluminum alloy housing with heat sinks is designed for efficient heat dissipation. Ensure that the heat sink fins are not obstructed by debris or mud to maintain proper cooling.



Figure 6.1: The light bar's IP68 waterproof design, featuring a breathable valve to maintain internal air balance and prevent water droplets.

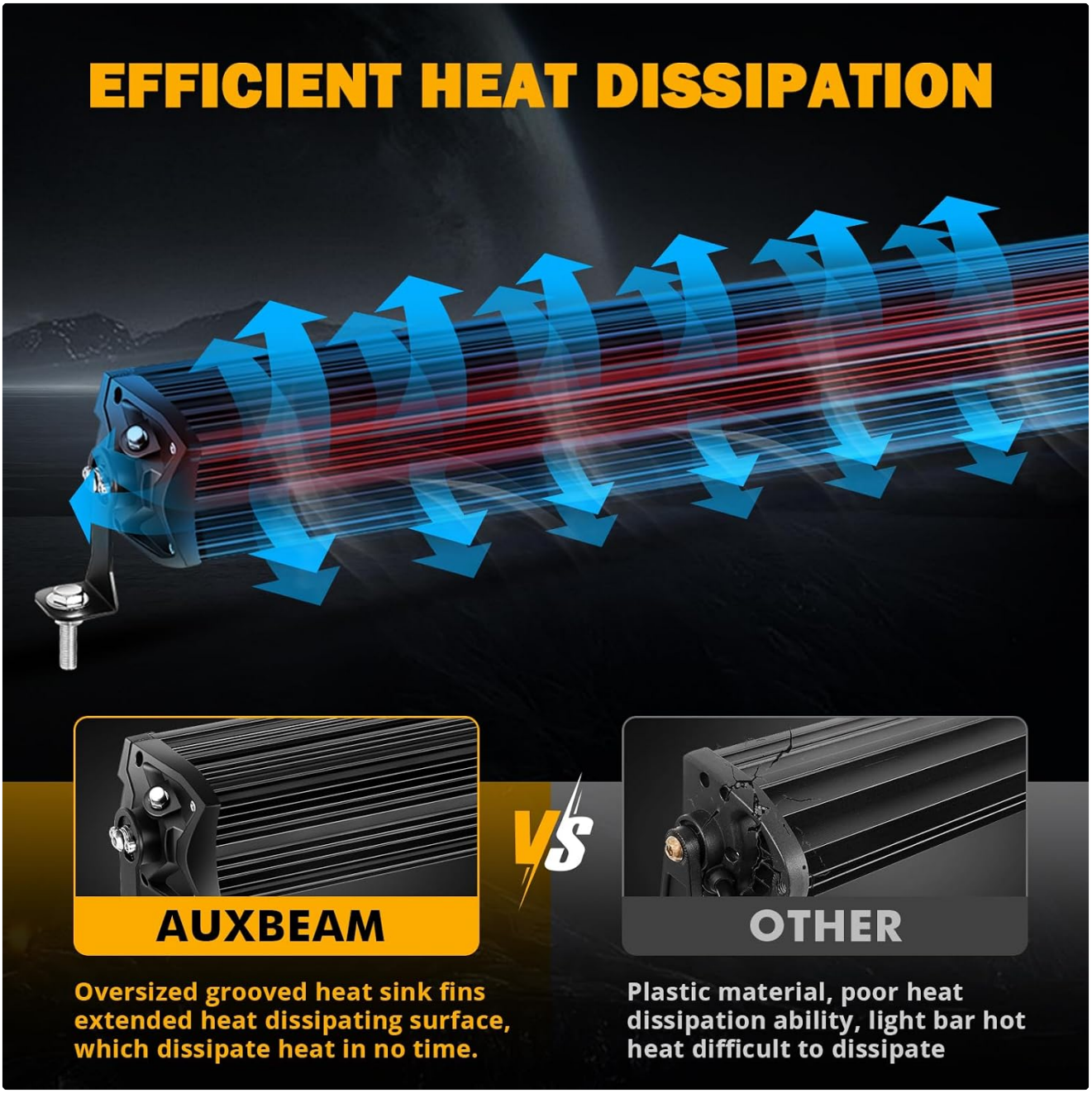


Figure 6.2: The oversized grooved heat sink fins on the Auxbeam light bar, designed for rapid and effective heat dissipation.

7. Troubleshooting

Problem	Possible Cause	Solution
Light bar does not turn on.	No power, loose connection, blown fuse, faulty switch.	Check power source, tighten connections, replace fuse, test switch.
Light output is dim or flickering.	Insufficient voltage, poor ground connection, damaged wiring.	Verify voltage (9-30V DC), ensure secure ground, inspect wiring for damage.
Moisture inside the lens.	Damaged seal, obstructed breathable valve.	Inspect seals for damage, clear any obstructions from the breathable valve. Allow to air dry.
Excessive heat from the light bar.	Obstructed heat sink fins, prolonged use in extreme temperatures.	Clean heat sink fins, ensure proper airflow. Reduce continuous operating time if necessary.

8. Warranty and Support

Auxbeam is committed to providing high-quality products and excellent after-sales service. If you encounter any problems during installation or operation, please do not hesitate to contact our customer support team. We are dedicated to ensuring your satisfaction and will provide perfect after-sales service to resolve any issues.
For support, please refer to the contact information provided in your product packaging or visit the official Auxbeam website.

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

Open the live page

https://manuals.plus/asin/B098B6KK7S

More documents and user manuals: **https://manuals.plus/**