

[Manuals.plus](#) /

› [AUXBEAM](#) /

› Auxbeam 32 Inch 180W LED Light Bar Instruction Manual - Model ZD000516

AUXBEAM ZD000516

Auxbeam 32 Inch 180W LED Light Bar Instruction Manual

Model: ZD000516

1. PRODUCT OVERVIEW

The Auxbeam 32 Inch 180W LED Light Bar is designed for off-road driving, providing powerful and versatile illumination. Featuring 5D optical lens technology, it combines spot and flood beams to offer extensive lighting coverage and enhanced visibility in various conditions. This light bar is built with durable materials and advanced heat dissipation for long-lasting performance.



Image: Auxbeam 32 Inch 180W LED Light Bar installed on an off-road vehicle, showcasing its bright illumination.

2. KEY FEATURES

- **Powerful Illumination:** Equipped with 60pcs*3W intense LED chips, delivering 180W of power and 18000LM brightness.
- **Innovative 5D Optical Design:** Combines fisheye lens and reflector technology to project light over long distances while maintaining bright surround lighting.
- **Spot Flood Combo Beam:** Features two 60-degree flood beams and one 30-degree spot beam for optimal light distribution, enhancing visibility and reducing potential hazards.
- **Efficient Heat Dissipation:** Multiple cooling fins and high-quality aluminum alloy housing ensure rapid heat dissipation, extending the product's lifespan beyond 50,000 hours.

- **Durable Construction:** IP68 waterproof rating, tempered glass, and rust-proof stainless steel mounting brackets ensure resilience against severe weather and harsh outdoor conditions.
- **Wide Application:** Suitable for various vehicles including Jeeps, 4x4s, Trucks, Cars, Motorcycles, SUVs, ATVs, Boats, and Family Vans. Can also function as a driving light, fog light, or for emergency use.

SUPER BRIGHT FURTHER COMBO BEAM

Upgraded optical 5D lens design can emit flood beam and spot beam inside for creating a unique combo beam, covers a long distance. The 6500K white beam spreads out in a fan shape, suitable for a large area of illumination.

120°



AXUBEAM

VS



OTHER



Day1



Day90



Day180



Day270



Image: Illustration of the light bar's 120-degree super bright combo beam, demonstrating its wide and far-reaching illumination.

5D OPTICAL LEDS DESIGNED

MIXED LIGHT(FLOOD + SPOT) CAN BE ILLUMINATED ON BOTH SIDE NEAR THE DISTAL END.
BRIGHTER AND CLEARER THAN THE REFLECTOR CUP.



60 DEGREE(FLOOD BEAM)



30 DEGREE(SPOT BEAM)



COMBO(FLOOD & SPOT BEAM)

Image: Detailed view of the 5D optical lenses, highlighting the distinct flood (60-degree) and spot (30-degree) beam patterns, and their combination.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x Auxbeam 32 Inch 180W LED Light Bar
- 1 x DT Wiring Harness Kit
- 2 x Adjustable Side Mounting Brackets
- Necessary Screws, Washers, and Allen Keys for installation



Image: The complete package contents, including the LED light bar, wiring harness, and various mounting accessories.

4. SETUP AND INSTALLATION

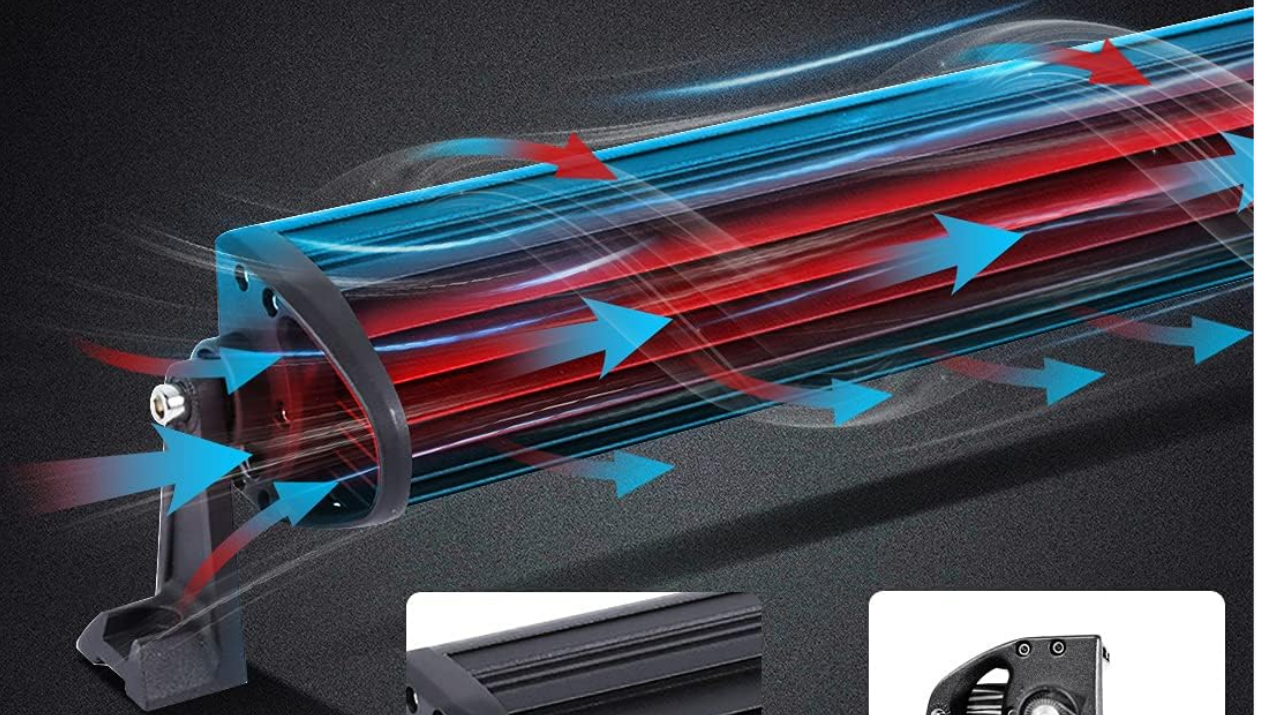
Follow these steps for proper installation of your Auxbeam LED Light Bar. Professional installation is recommended for optimal safety and performance.

4.1 Mounting the Light Bar

1. Attach the adjustable side mounting brackets to the light bar using the provided screws and Allen keys. Ensure they are securely fastened but allow for angle adjustment.
2. Position the light bar on your desired mounting location (e.g., roof, bumper, grille). The brackets allow for 360-degree rotation to achieve the optimal lighting angle.
3. Mark the drilling points for the brackets on your vehicle. Drill pilot holes if necessary, then securely fasten the brackets to the vehicle using appropriate hardware.
4. Adjust the angle of the light bar to your preference and tighten all mounting hardware.

EFFICIENT HEAT DISSIPATION

THE DESIGN OF MULTIPLE COOLING FINS EFFECTIVELY SHORTEN THE COOLING TIME AND INSTANTLY DISSIPATES HEAT.



PREMIUM 6063
ALUMINUM SHELL



ADJUSTABLE
SIDE BRACKETS

Image: The adjustable side brackets, demonstrating their 360-degree rotation capability for precise light positioning.

Your browser does not support the video tag.

Video: This video demonstrates the installation process of the Auxbeam 5D-Pro LED Light Bar, including attaching the brackets and mounting the light bar.

4.2 Wiring Connection

The light bar comes with a plug & play DT wiring harness kit for simplified connection.

1. Connect the black wire from the light bar to the negative (-) terminal of your vehicle's battery or a suitable ground point.
2. Connect the red wire from the light bar to the positive (+) terminal of your vehicle's battery, typically through the included wiring harness with a relay and fuse.
3. If your light bar supports multiple lighting modes, connect the yellow wire to a separate switch or control circuit to activate these modes.
4. Ensure all connections are secure and properly insulated to prevent short circuits.

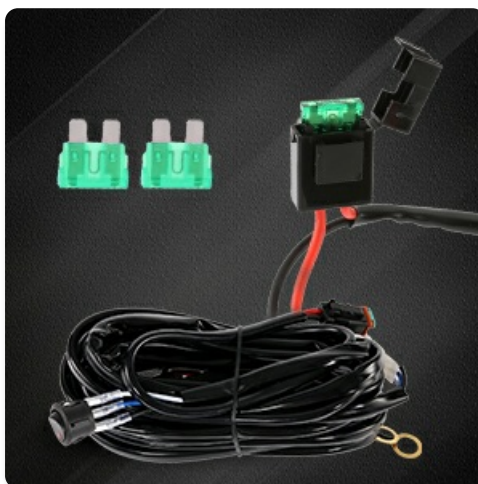


Image: The included wiring harness, featuring fuses and connectors for a safe and straightforward electrical setup.

5. OPERATING INSTRUCTIONS

Your Auxbeam LED Light Bar may feature multiple lighting modes. Refer to the specific control switch for mode selection.

5.1 Basic Operation

1. Turn on the main power switch connected to the light bar.
2. If equipped with a mode-switching function, press the control button to cycle through available lighting modes (e.g., White Light, Amber Light, White & Amber, White Strobe, Amber Strobe, White & Amber Strobe).
3. To return to the default white light mode, press and hold the control button for approximately 3 seconds.

Your browser does not support the video tag.

Video: This video demonstrates how to switch between the six different lighting modes (white, amber, and various strobe combinations) using the control button.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your LED light bar.

- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap solution to remove dirt, dust, and debris. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Regularly check all mounting hardware and electrical connections for tightness and corrosion. Tighten any loose fasteners and clean any corroded terminals.
- **Heat Dissipation:** Ensure the cooling fins on the back of the light bar are free from obstructions (e.g., mud, leaves) to maintain efficient heat dissipation.

PRODUCT SPECS

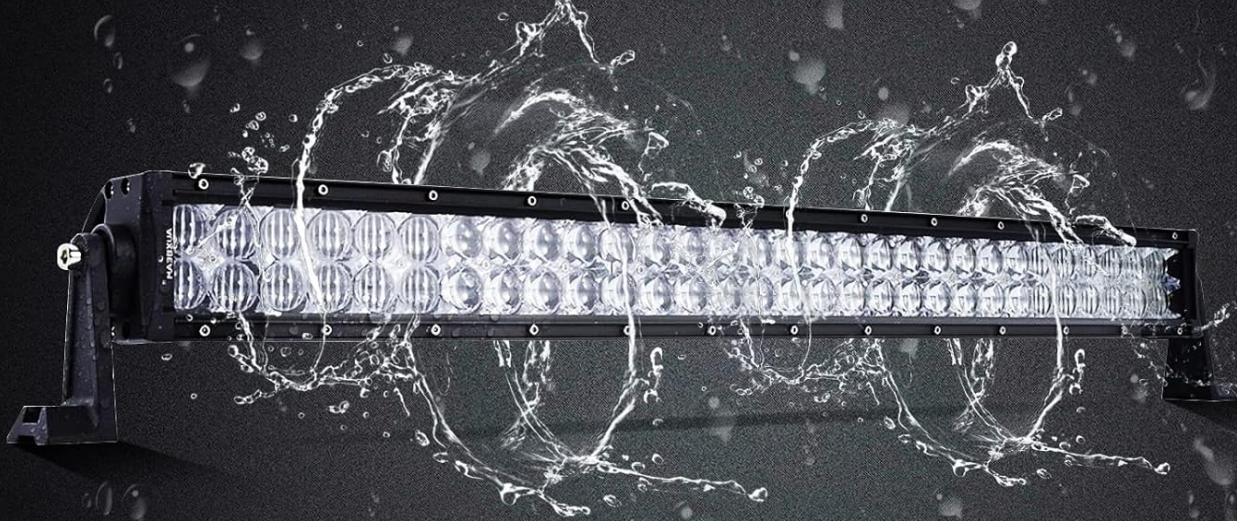
5D SERIES LED LIGHT BAR



Image: Illustration of the efficient heat dissipation design, showing airflow through the cooling fins to prevent overheating.

IP68 WATER PROOF

HIGH QUALITY ALUMINUM ALLOY SHELL
DURABLE TO WITHSTAND AND HARSH CONDITION.



MILITARY BREATHER

MAINTAIN AIR BALANCE AND PREVENT WATER
DROPLETS FROM GATHERING INSIDE THE LIGHT BAR

Image: The light bar undergoing an IP68 waterproof test, highlighting its ability to withstand water immersion.

7. TROUBLESHOOTING

If you encounter issues with your Auxbeam LED Light Bar, try the following basic troubleshooting steps:

- **No Light Output:**
 - Check the power connection to the vehicle battery.
 - Verify that the wiring harness fuse is not blown. Replace if necessary.
 - Ensure all electrical connections are secure and free from corrosion.
 - Confirm the main power switch is in the 'ON' position.
- **Flickering Light:**

- Inspect wiring for loose connections or damaged insulation.
- Ensure the voltage supply is stable and within the specified range (12-24 Volts).

• **Inconsistent Mode Switching:**

- Ensure the mode control button is functioning correctly.
- Check the connection of the yellow mode wire.

If problems persist after performing these checks, please contact Auxbeam customer support for further assistance.

8. SPECIFICATIONS

Attribute	Detail
Brand	AUXBEAM
Model Number	ZD000516
Product Dimensions	84 x 11 x 13 cm
Item Weight	3.63 kg (8.01 Pounds)
Bulb Type	LED
Voltage	12 Volts
Wattage	180 Watts
Light Source Type	LED
Material	Aluminum, Polycarbonate (PC), Stainless Steel
Finish Type	Stainless Steel
Waterproof Rating	IP68

ANGLE ADJUSTABLE SIDE BRACKETS

ALLOW ACHIEVING OPTIMAL ANGLE YOU NEED



FIT A VARIETY OF MODELS



Image: Detailed product specifications and dimensions for the 32-inch LED light bar and its components.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Auxbeam 32 Inch 180W LED Light Bar, please refer to the official Auxbeam website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Visit the [AUXBEAM Store](#) for more products and 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.

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