Auxbeam ZDAP000675

Auxbeam 360-PRO Series 9 Inch Round Off Road Lights Instruction Manual

Model: ZDAP000675 | Brand: Auxbeam

1. Introduction

The Auxbeam 360-PRO Series 9 Inch Round Off Road Lights are engineered to provide exceptional illumination for off-road applications. Featuring a powerful SPOT & FLOOD combo beam pattern, these lights enhance visibility and ensure durability in challenging environments. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your lights.

Key Features:

- **360 PRO Reflector:** Integrates 22pcs 30-degree spot reflectors and 5pcs 120-degree flood reflectors to maximize night driving visibility and safety.
- **All-Weather Durability:** Constructed with heavy-duty die-cast aluminum housing and a robust PC lens, featuring a specially designed breathing vent. Rated IP68 for superior waterproof, dust, rust, and corrosion resistance, ensuring reliable operation for over 50,000 hours in extreme conditions.
- **High-Performance LED Chips:** Equipped with automotive-grade chipsets, including 1*KW3 LED and 26*P8 LEDs, delivering 18,888 lumens and a 6000K white beam. Achieves a lighting distance of up to 3012 feet for comprehensive illumination.
- **Wide Application:** Compatible with DC 9-32V vehicles and equipment, ideal for off-road vehicles, tractors, trucks, pickups, 4x4s, ATVs, UTVs, SUVs, boats, motorcycles, mining, gardening, and heavy-duty machinery.



Figure 1: Auxbeam 360-PRO Series 9 Inch Round Off Road Lights, showing the two lights and included wiring harness.



Figure 2: Auxbeam 360-PRO Series lights installed on a vehicle, demonstrating their powerful illumination at night.

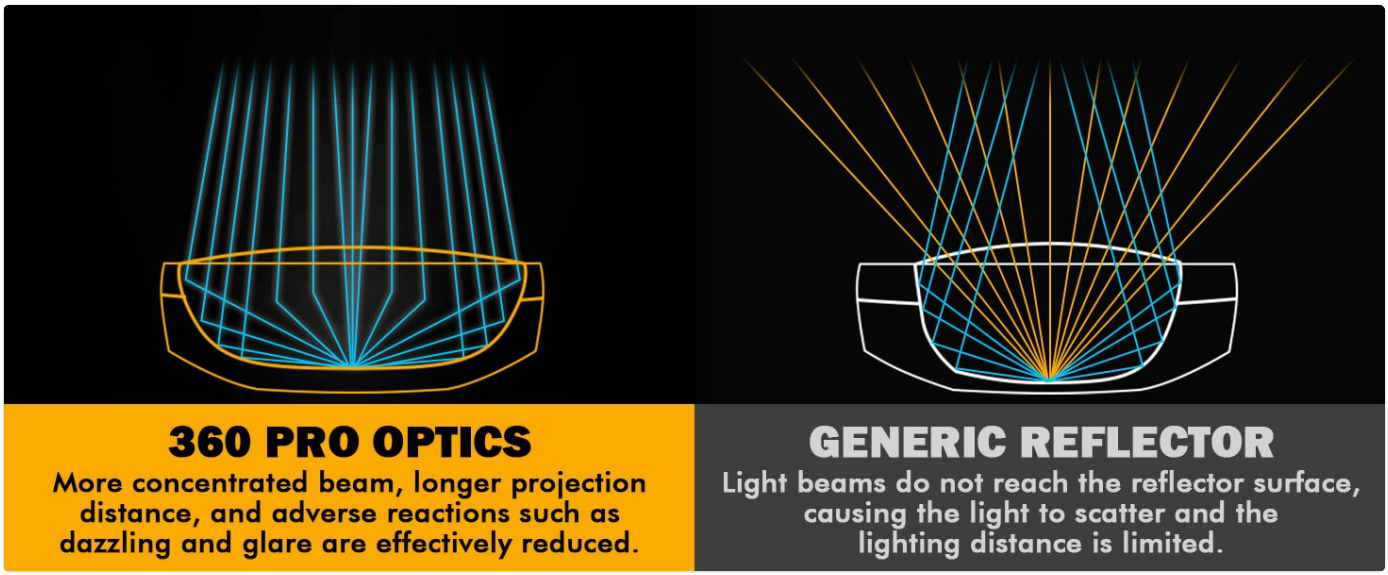


Figure 3: Comparison of 360 PRO Optics, showing more concentrated beam and reduced glare, versus a generic reflector.

2. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact Auxbeam customer support.

- 2x Auxbeam 360-PRO Series 9 Inch Round LED Offroad Lights
- 1x DT Connector Wiring Harness (2-lead)
- 1x Mounting Kit (includes brackets, bolts, nuts, washers)



Figure 4: Overview of product features and included components, including the lights, wiring harness, and mounting accessories.

3. Specifications

Attribute	Value
Brand	Auxbeam
Model	360-PRO Series (ZDAP000675)
Color	Black
Material	Aluminum
Auto Part Position	Front
LED Power	270W (135W per light)

LED Chips	1*KW3 LED, 26*P8 LEDs per light
Lumen Output	37776LM (18888LM per light)
Voltage	DC 9-32V
Beam Pattern	Spot & Flood Combo
Color Temperature	6000K White
Water Resistance Level	IP68 Waterproof
Lifespan	>50,000 Hours
Item Weight	5.92 Kilograms (13.02 pounds)
Number of Pieces	2
Remote Control Included?	No



Figure 5: Detailed specifications and dimensions of the Auxbeam 360-PRO Series 9 Inch Off Road Light, including wiring diagram.



Figure 6: Close-up view of the LED chip configuration, highlighting the KW3 and P8 LEDs for powerful output.

4. Setup and Installation

Follow these steps for proper installation of your Auxbeam 360-PRO Series Off Road Lights. Professional installation is recommended if you are unfamiliar with vehicle electrical systems.

4.1 Mounting the Lights

1. Identify a suitable mounting location on your vehicle (e.g., bumper, bull bar, roof rack). Ensure the location provides a stable surface and does not obstruct vehicle lights or sensors.
2. Use the provided mounting brackets and hardware. The brackets are adjustable, allowing for a 90-degree rotation to achieve the desired light angle.
3. Securely fasten the lights using the bolts, nuts, and washers from the mounting kit. Ensure the lights are firmly fixed to withstand vibrations and impacts during off-road use.



Figure 7: Illustration of the adjustable and durable stainless steel mounting brackets, allowing for precise light positioning.

4.2 Wiring Connection

The lights come with a DT connector wiring harness for easy and fast connection. Ensure your vehicle's electrical system is compatible with DC 9-32V.

1. Connect the DT connectors from the lights to the corresponding connectors on the wiring harness.
2. Connect the power relay and rocker switch as per the wiring diagram. The harness includes a fuse for circuit protection.
3. Connect the positive and negative wires of the harness to your vehicle's battery or a suitable power source. Ensure proper polarity to avoid damage. The system includes reverse polarity protection.
4. Route the wiring safely, away from hot or moving parts, and secure it with cable ties.



Figure 8: Detailed wiring diagram for the 10-foot extendable harness, showing connections for power relay, rocker switch, DT connector, and blade fuse.

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Video 1: This video demonstrates the features and installation process of the Auxbeam 360-PRO Series 9 Inch Offroad Lights, including a close-up of the light output and components.

5. Operating Instructions

Once installed, operating your Auxbeam 360-PRO Series lights is straightforward.

1. Ensure all wiring connections are secure and the vehicle's ignition is in the appropriate position (e.g., ACC or ON, depending on your wiring setup).
2. Activate the lights using the installed rocker switch. The lights will illuminate with their combined spot and flood beam pattern.
3. To turn off the lights, simply toggle the rocker switch to the OFF position.

The spot and flood combo beam provides both long-distance illumination and wide-angle coverage, optimizing visibility for various off-road conditions.



Figure 9: Performance chart illustrating the luminous distance of the Auxbeam 360-PRO Series lights, reaching up to 3012 feet.

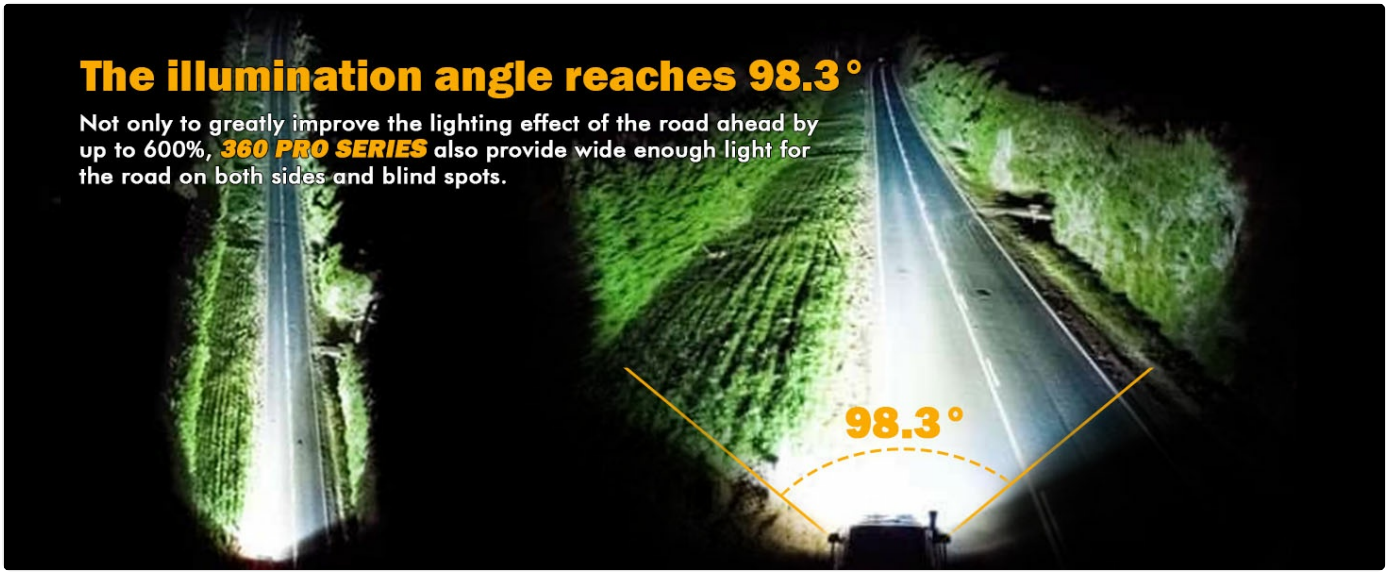


Figure 10: Diagram showing the wide illumination angle of 98.3 degrees, providing extensive coverage for the road ahead and blind spots.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Auxbeam off-road lights.

- **Cleaning:** Periodically clean the PC lens and aluminum housing with a soft cloth and mild soap solution. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Regularly check all mounting hardware and wiring connections for tightness and signs of wear or corrosion. Re-tighten as necessary.
- **Waterproof Integrity:** The lights are IP68 rated. While designed to withstand water and dust, avoid directing high-pressure water jets directly at the breathing vent or seals for extended periods.
- **Heat Dissipation:** The heavy-duty die-cast aluminum body and thickened heat sink fins are designed for efficient heat dissipation. Ensure the fins are free from excessive dirt or debris to maintain cooling performance.



Figure 11: Image demonstrating the IP68 waterproof capability of the lights, shown submerged in water.



Figure 12: Features highlighting the 100% sealed and triple waterproof solution against fog, moisture, condensation, and dust.

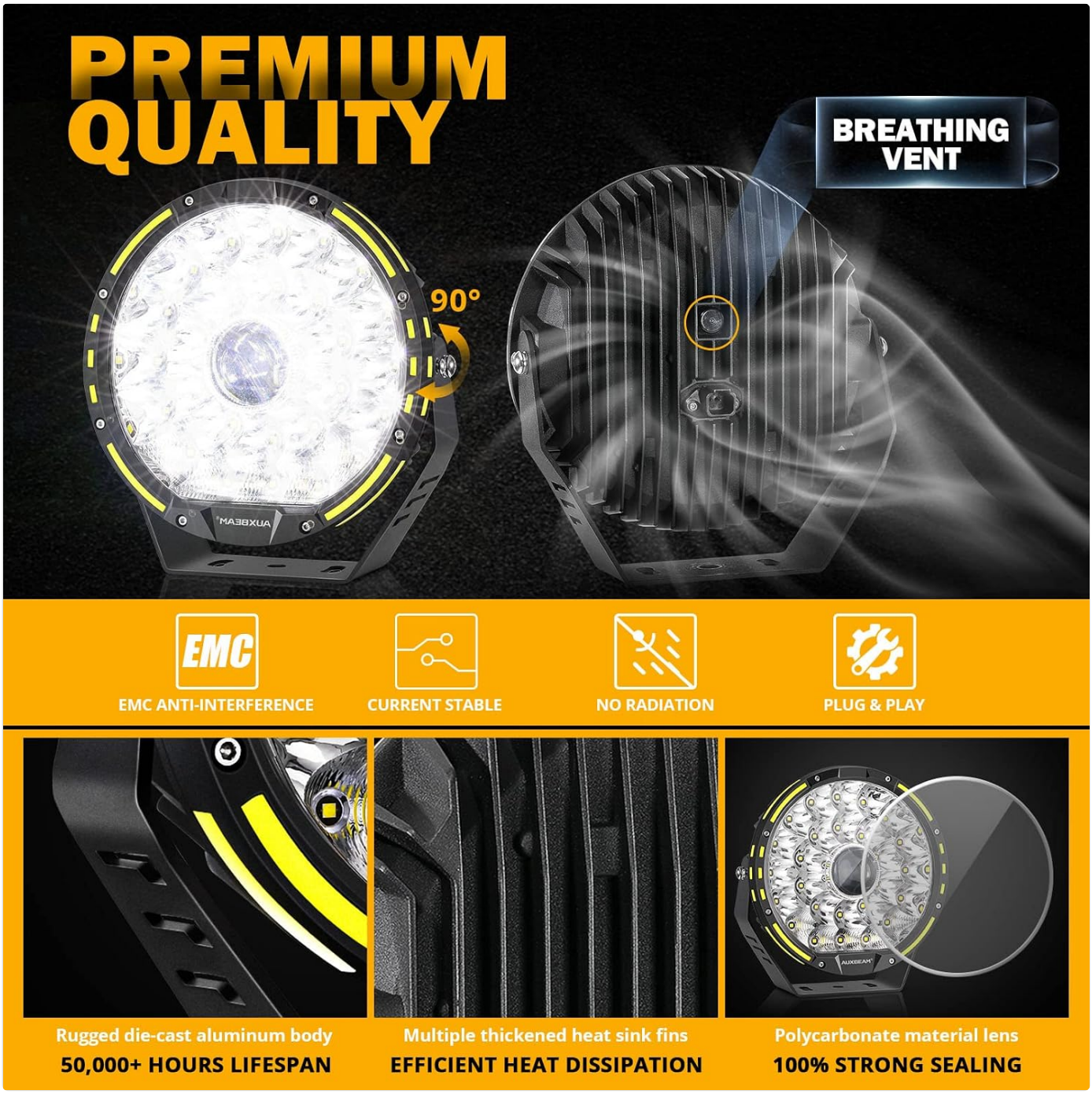


Figure 13: Details on the premium quality construction, including the rugged die-cast aluminum body, efficient heat dissipation fins, and strong sealing polycarbonate lens.



Figure 14: Explanation of the heavy-duty construction and heat dissipation mechanisms, including the specially designed breathing vent and aluminum heat sinks.

7. Troubleshooting

If you encounter issues with your Auxbeam 360-PRO Series lights, refer to the following common problems and solutions:

- **Lights do not turn on:**
  - Check all wiring connections to ensure they are secure and correctly connected.
  - Verify the power source (vehicle battery) is providing adequate voltage (9-32V DC).
  - Inspect the fuse in the wiring harness. Replace if blown.
  - Ensure the rocker switch is functioning correctly.
- **Lights flicker or dim:**
  - Check for loose or corroded wiring connections, especially at the battery terminals.
  - Ensure the vehicle's electrical system is not experiencing voltage drops.
- **Moisture or fog inside the lens:**
  - While the lights are IP68 rated, extreme temperature changes can sometimes cause temporary condensation. This usually dissipates with use.
  - If persistent moisture is observed, ensure the breathing vent is clear and not obstructed. If the issue continues, contact customer support.

The lights are designed with built-in EMC anti-interference, reverse polarity protection, and over/under voltage protection to prevent common electrical issues.

8. Warranty and Support

Auxbeam stands behind the quality of its products. The Auxbeam 360-PRO Series 9 Inch Round Off Road Lights come with a **24-month warranty** from the date of purchase.

This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, accident, abuse, modification, or natural disasters.

For warranty claims, technical assistance, or any other inquiries, please contact the professional Auxbeam support team. They are available 24 hours to assist you.

Contact Information:

Visit the Auxbeam Store: Auxbeam Official Store

Refer to your purchase documentation for specific contact details or visit the Auxbeam website.

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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