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Amio AWL06 9 LED 9-36V

Amio AWL06 9 LED 9-36V Work Light User Manual

Model: AWL06 9 LED 9-36V (Reference: AMI-02420)

1. INTRODUCTION

Thank you for choosing the Amio AWL06 9 LED 9-36V Work Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new work light. Please read this manual thoroughly before installation and keep it for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- **Electrical Safety:** Ensure the power source matches the specified voltage range (9-36V DC). Incorrect voltage can damage the light and pose a fire hazard.
- **Installation:** Disconnect power before installation. Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- **Mounting:** Mount the light securely to a stable surface that can support its weight. Avoid locations where the light could obstruct vision or interfere with vehicle operation.
- **Heat:** The light housing may become warm during operation. Avoid touching the light directly when it is on or immediately after it has been turned off.
- **Eye Protection:** Do not stare directly into the light beam, as it can cause temporary vision impairment.
- **Modifications:** Do not attempt to modify or disassemble the light. This will void the warranty and may lead to malfunction or injury.

3. PRODUCT OVERVIEW

The Amio AWL06 is a robust 9-LED work light designed for various applications requiring bright, reliable illumination within a 9-36V DC electrical system. It features a durable construction and efficient LED technology.

3.1. Key Features

- **High-Quality Construction:** Manufactured with durable materials for longevity.

- **Wide Voltage Range:** Operates efficiently on 9-36V DC power systems.
- **9 LED Design:** Provides bright and focused illumination for work areas.
- **Compact and Round Shape:** Versatile for various mounting locations.

3.2. Package Contents

- 1 x Amio AWL06 9 LED Work Light Unit
- 1 x Mounting Bracket and Hardware (screws, nuts, washers)
- 1 x User Manual

3.3. Product Diagram



Figure 1: Amio AWL06 9 LED 9-36V Work Light. This image displays the compact, round design of the work light with its integrated LEDs and mounting points.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your work light:

1. **Choose Mounting Location:** Select a secure, flat surface capable of supporting the light's weight and providing optimal illumination for your work area. Ensure the location does not interfere with other components or vehicle operation.
2. **Mark Drilling Points:** Use the mounting bracket as a template to mark the drilling points on the chosen surface.
3. **Drill Holes:** Drill appropriate pilot holes for the mounting hardware.
4. **Attach Bracket:** Secure the mounting bracket to the surface using the provided screws and nuts.
5. **Mount Light:** Attach the work light unit to the mounting bracket using the remaining hardware. Adjust the angle as needed before tightening securely.

6. Wiring:

- Identify the positive (+) and negative (-) wires from the work light.
- Connect the positive wire of the light to a switched 9-36V DC power source (e.g., a fuse box or a dedicated switch).
- Connect the negative wire of the light to a suitable ground point.
- Ensure all connections are tight, insulated, and protected from environmental elements.

7. **Test Functionality:** Once installed and wired, turn on the power to test the light's operation.

5. OPERATING INSTRUCTIONS

The Amio AWL06 work light is designed for straightforward operation:

- **Power On/Off:** The light will turn on when power is supplied to its positive wire and turn off when power is disconnected. This is typically controlled by an external switch connected to your vehicle's or equipment's electrical system.
- **Adjusting Beam Angle:** If the mounting bracket allows, you can loosen the bracket bolts, adjust the light to the desired angle, and then re-tighten the bolts to secure its position.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your work light:

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or lens.
- **Inspection:** Regularly check the mounting hardware for tightness and ensure all electrical connections are secure and free from corrosion. Inspect the wiring for any signs of wear or damage.
- **Damage:** If the light housing or lens becomes damaged, replace the unit to maintain its integrity and performance.

7. TROUBLESHOOTING

If you encounter issues with your Amio AWL06 work light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose or incorrect wiring. Blown fuse.	Check power source (9-36V DC). Verify all wiring connections are secure and correct (positive to positive, negative to ground). Check and replace any blown fuses in the circuit.
Light is dim or flickers.	Insufficient voltage. Poor electrical connection. Damaged wiring.	Ensure the power supply is within the 9-36V range. Inspect connections for corrosion or looseness and secure them. Check wiring for cuts or damage and repair/replace as necessary.

Problem	Possible Cause	Solution
Light housing is excessively hot.	Normal operation (some heat is expected). Poor ventilation.	Ensure the light is not covered or in an enclosed space that restricts airflow. If heat is extreme and accompanied by smoke or burning smell, disconnect power immediately.

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Brand:	Amio
Model:	AWL06 9 LED 9-36V
Manufacturer Reference:	AMI-02420
Input Voltage:	9-36V DC
Number of LEDs:	9
Dimensions (L x W x H):	20 x 20 x 20 cm (approximate)
Weight:	400 Grams
Shape:	Round
Included Components:	Work light unit, user manual

9. WARRANTY AND SUPPORT

Amio products are manufactured with high-quality materials. For warranty information or technical support, please refer to the documentation provided at the point of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.

For further assistance, please contact Amio customer service or your local distributor.