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Alla Lighting Alla-ETI-881-56W

Alla Lighting 881/889/894 LED Fog Light Bulbs User Manual

Model: Alla-ETI-881-56W

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1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Alla Lighting 881/889/894 LED Fog Light Bulbs. These bulbs are designed to upgrade your vehicle's fog lights, daytime running lights (DRL), or cornering lights, offering enhanced illumination and a 6000K Xenon White light output.



Image 1.1: A pair of Alla Lighting LED fog light bulbs, model 881/889/894, featuring 6000K Xenon White light, packaged in a box.

2. SAFETY INFORMATION

- Always turn off your vehicle's engine and disconnect the battery before attempting any electrical work to prevent electrical shock or damage.
- Allow existing bulbs to cool down completely before handling, as they can be very hot.
- Wear appropriate safety gear, such as gloves and eye protection, during installation.
- Ensure the new LED bulbs are securely seated in the housing to prevent moisture ingress and ensure proper light beam.
- Do not touch the LED chips directly, as oils from your skin can reduce their lifespan.
- If you are unsure about the installation process, consult a qualified automotive technician.

3. PACKAGE CONTENTS

Your Alla Lighting LED Fog Light Bulbs package should contain the following items:

- 2 x Alla Lighting 881/889/894 LED Fog Light Bulbs (6000K Xenon White)

4. SETUP AND INSTALLATION

The Alla Lighting LED Fog Light Bulbs are designed for a plug-and-play installation. However, vehicle-specific access to the fog light housing may vary.

4.1. Verify Bulb Compatibility

Before installation, confirm that the 881/889/894 bulb type is compatible with your vehicle's fog light housing. You can verify this by:

1. Using an online automotive bulb size guide (e.g., Amazon's 'Your Garage' tool).
2. Checking the OEM bulb's part number.
3. Consulting your vehicle's owner's manual or light bulb guide.



Image 4.1: Infographic detailing three methods to verify correct bulb size: using Amazon's bulb size guide, checking the OEM bulb's part number, and consulting the vehicle's owner's manual.

4.2. Installation Steps

1. **Preparation:** Park your vehicle on a level surface, engage the parking brake, and turn off the engine. Allow the vehicle to cool down.
2. **Access Fog Light:** Locate your vehicle's fog light housing. Access may require removing wheel well liners, splash guards, or other components depending on your vehicle model.
3. **Remove Old Bulb:** Disconnect the electrical connector from the existing fog light bulb. Carefully twist or

unclip the old bulb from its housing and remove it.

4. **Install New LED Bulb:** Insert the Alla Lighting LED bulb into the fog light housing. Ensure it is properly aligned and securely seated. Twist or clip it into place.
5. **Connect Electrical:** Reconnect the electrical connector to the new LED bulb. The bulbs feature a non-polarity design, simplifying connection.
6. **Test Functionality:** Before reassembling any removed components, turn on your vehicle's fog lights to ensure both new LED bulbs are functioning correctly.
7. **Reassemble:** Once confirmed operational, reassemble any vehicle components that were removed for access.



The advertisement features a dark background with water droplets. On the left, the Alla Lighting logo is shown in yellow and white. In the center, a cutaway diagram of an LED bulb is displayed, showing its internal components. To the right of the diagram, three bullet points list key features: 'Plug and Play', '1850LM high flux', and 'Available colors: white/gold yellow/ice blue'. Below the diagram, the text 'Premium LED' is prominently displayed. To the right of this text are four icons: a sun for 'super bright', a water drop for 'waterproof', three stars for 'good quality', and a star for '1 YEAR WARRANTY'. At the bottom right, the CE and RoSH certification marks are visible.

ALLA LIGHTING

- Plug and Play
- 1850LM high flux
- Available colors: white/gold yellow/ice blue

Premium LED super bright waterproof good quality

CE RoSH

1 YEAR WARRANTY

Image 4.2: Diagram illustrating the internal structure of the LED bulb, highlighting the ETI chip, aluminum body, smart LED driver, and heat dissipation features.

5. OPERATING INSTRUCTIONS

These LED bulbs are designed to replace standard 881, 889, 894, H28, 886, 888, 896, 898 type bulbs in automotive applications. They are primarily intended for:

- **Fog Lights:** Providing a bright, wide beam pattern to improve visibility in foggy, rainy, or snowy conditions.
- **Daytime Running Lights (DRL):** Enhancing vehicle visibility during daylight hours.

- **Cornering Lights:** Illuminating the side of the road when turning.

The 6000K Xenon White color temperature provides a crisp, modern light output. The bulbs deliver 1900 lumens per bulb, totaling 3800 lumens for a pair, significantly brighter than many OEM halogen options.



Image 5.1: Image showing a vehicle with Alla Lighting LED fog lights on one side and OEM halogen lamps on the other, demonstrating the difference in brightness and color temperature.

6. MAINTENANCE

Alla Lighting LED bulbs are designed for durability and minimal maintenance. They feature a 6063 aviation aluminum body for efficient heat dissipation and are rated IP67 waterproof, ensuring reliable performance in various weather conditions.

- **Cleaning:** If the bulb's lens or housing becomes dirty, gently wipe it with a soft, clean cloth. Avoid abrasive cleaners or materials that could scratch the surface.
- **Inspection:** Periodically inspect the bulbs and their connections for any signs of damage or loose wiring.
- **Lifespan:** These LED bulbs have an estimated operating life of 30,000 hours, significantly longer than traditional halogen bulbs, reducing the need for frequent replacement.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up	Loose connection, incorrect polarity (unlikely due to non-polarity design but check), faulty bulb, vehicle fuse blown.	Check electrical connections. Ensure bulb is fully seated. Test with another known working bulb. Check vehicle's fuse box for blown fuses.
Bulb flickers	Loose connection, voltage fluctuations, CANBUS incompatibility (rare for fog lights).	Ensure connections are secure. If flickering persists, consult a professional.
Bulb does not fit	Incorrect bulb size ordered, vehicle-specific housing variations.	Double-check compatibility using methods in Section 4.1. Contact Alla Lighting support if you believe the bulb is incorrect despite compatibility checks.
Light output is dim or uneven	Bulb not fully seated, obstruction in housing, faulty bulb.	Ensure bulb is correctly installed and seated. Check for any debris or obstructions in the light housing.

If troubleshooting steps do not resolve the issue, please contact Alla Lighting customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Brand	Alla Lighting
Model Number	Alla-ETI-881-56W
Bulb Type	881, 886, 888, 889, 894, 896, 898, H28, H30, H31, H35
Light Source	ETI 56-SMD LED Chips
Brightness	1900 Lumens per bulb (3800 Lumens total per pair)
Color Temperature	6000K Xenon White
Operating Voltage	12V ~ 24V
Working Power	8.5W
Waterproof Rating	IP67
Material	6063 Aviation Aluminum
Operating Life	30,000 Hours
Dimensions	2.3 x 0.7 x 1.24 inches (Product)
Item Weight	1.44 ounces
Application	Fog Lights, Daytime Running Lights (DRL), Cornering Lights



Image 8.1: Technical drawing showing the precise dimensions of the 881 LED fog light bulb, including length and width measurements.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

Alla Lighting provides a **ONE YEAR** warranty for these LED fog light bulbs from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your Alla Lighting LED Fog Light Bulbs, please contact our customer support team. Alla Lighting is USA located and offers top-notch technical support. Refer to the Alla Lighting official website or your purchase platform for current contact information.