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Alla Lighting Alla-H11-3030-36IB-Ice-Blue

Alla Lighting H8 H11 LED Bulbs Instruction Manual

Model: Alla-H11-3030-36IB-Ice-Blue

Brand: Alla Lighting

PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your Alla Lighting H8 H11 LED Bulbs. These bulbs are designed as a high-performance replacement for stock fog light lamps or daytime running lights (DRL) in cars and trucks, offering enhanced brightness and a distinct 8000K ice blue light.

Each H8 H11 LED bulb is equipped with 36 high-power 3030 SMD LED chips, delivering approximately 1500 lumens per bulb, totaling 3000 lumens for the pair. They operate within a 12V-18VDC range and feature advanced bright LED circuitry technology. The bulbs are designed for plug-and-play installation in most vehicles and are IP67 waterproof. Please note that for some European vehicles with a CAN-Bus system, additional LED resistors may be required to prevent error codes or flickering.



Figure 1: Alla Lighting H8 H11 LED Bulbs, packaged as a set of two.

KEY FEATURES

- **High Brightness:** Equipped with 36pcs high power 3030 SMD LED chips per bulb, providing approximately 1500 lumens each, for a total of 3000 lumens per pair.
- **Easy Installation:** Designed for plug-n-play setup in most vehicles.
- **Waterproof Rating:** IP67 rated for reliable performance in various weather conditions.
- **Color Temperature:** Produces an 8000K ice blue light.
- **Voltage Compatibility:** Operates on 12V~18VDC.
- **Application:** Suitable for upgrading fog lights or daytime running lights (DRL) for improved visibility and aesthetic appeal.
- **Cross Reference:** Compatible with H11, H8, H16, H11LL, H8LL, and similar bulb types.



OEM Incandescent

Alla Lighting LED

Figure 2: Visual comparison demonstrating the difference in light output and color between standard OEM incandescent bulbs and Alla Lighting LED bulbs.

SPECIFICATIONS

Specification	Value
Brand	Alla Lighting
Model Number	Alla-H11-3030-36IB-Ice-Blue
Specific Uses For Product	Front Fog Lights only
Brightness	3000 Lumen (total for 2 bulbs)
Item Package Quantity	2
Color	8000K Ice Blue

Operating Life	30000 Hours
Working Power	8.0W/bulb
Working Voltage	12V~18VDC
Waterproof Rating	IP67
Item Weight	2.08 ounces
Product Dimensions	2.4 x 0.8 x 1.6 inches
Country of Origin	China



Figure 3: Detailed breakdown of the LED bulb's internal components, including the aluminum heat sink, LED driver, and 3030 SMD chips.

SETUP & INSTALLATION

The Alla Lighting H8 H11 LED Bulbs are designed for a straightforward plug-and-play installation. Follow these

steps for proper setup:

1. **Prepare the Vehicle:** Turn your vehicle's wheel inwards to gain better access to the fog light housing.
2. **Remove Existing Bulb:**
 - Locate the fog light bulb housing.
 - Turn the bulb counter-clockwise to unlock it from the housing.
 - Push down the locking tab on the wire connector and unplug the wire connector from the old bulb.
3. **Install New LED Bulb:**
 - Plug the vehicle's wire connector into the new Alla Lighting LED bulb. Ensure it clicks securely into place.
 - Line up the locking tabs on the LED bulb with the slots in the fog light housing.
 - Insert the LED bulb into the housing and turn it clockwise to lock it securely in place.
4. **Test Functionality:** Turn on your vehicle's fog lights to ensure the new LED bulbs are functioning correctly.
5. **Repeat for Other Side:** Perform the same steps for the other fog light bulb.

Note: For some European vehicles equipped with a CAN-Bus system, an extra LED resistor (load resistor) may be necessary to prevent hyper-flashing, flickering, or error messages on the dashboard. This is not a defect of the bulb but a characteristic of the vehicle's electrical system.

Your browser does not support the video tag.

Video 1: An official Alla Lighting video demonstrating the installation process for replacing a stock halogen fog lamp with an Alla Lighting LED bulb.

OPERATING INSTRUCTIONS

Once installed, the Alla Lighting H8 H11 LED Bulbs operate like your vehicle's standard fog lights or daytime running lights. Simply use your vehicle's existing light controls to turn them on or off.

- **Fog Lights:** Activate your vehicle's fog light switch to illuminate the LED bulbs. These are designed to provide enhanced visibility in foggy, rainy, or snowy conditions.
- **Daytime Running Lights (DRL):** If used as DRLs, the bulbs will illuminate automatically when the vehicle is running, depending on your vehicle's DRL system configuration.

The 8000K ice blue color provides a modern and distinct appearance. These bulbs are not intended for use as high or low beam headlights as they do not provide a beam function suitable for primary illumination.

Your browser does not support the video tag.

Video 2: An official Alla Lighting video showcasing the super bright 8000K ice blue LED fog lights in operation on a vehicle.

MAINTENANCE

Alla Lighting LED bulbs are designed for long-lasting performance with minimal maintenance. To ensure optimal light output and longevity:

- **Regular Cleaning:** Periodically clean the exterior of your vehicle's fog light lenses to remove dirt, dust, or road grime that may obstruct light output. Use a soft cloth and a mild cleaning solution.
- **Inspect Connections:** Occasionally check the electrical connections to the bulbs to ensure they remain secure and free from corrosion.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or solvents on the bulbs or lenses, as this can damage the materials.

Given their solid-state design, LED bulbs typically do not require bulb replacement like traditional halogen bulbs.

TROUBLESHOOTING

If you encounter issues with your Alla Lighting H8 H11 LED Bulbs, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulbs are flickering or hyper-flashing.	CAN-Bus system incompatibility in some European vehicles.	Install additional LED load resistors (sold separately) to resolve CAN-Bus related issues.
Dashboard error message (e.g., "bulb out").	CAN-Bus system detecting lower power draw from LED bulbs.	Install additional LED load resistors (sold separately) to simulate the power draw of original halogen bulbs.
Bulb not lighting up.	Loose connection, incorrect installation, or faulty bulb/vehicle wiring.	Check all connections to ensure they are secure. Re-install the bulb, ensuring it is properly seated and locked. Verify vehicle's fuse for the fog lights. If issues persist, contact support.

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

WARRANTY & SUPPORT

Alla Lighting H8 H11 LED Bulbs come with a **one-year manufacturer defect warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any product-related inquiries, please contact Alla Lighting customer service. You can find more information and contact details by visiting the official Alla Lighting store:

[Visit the Alla Lighting Store on Amazon](#)

