


AUXLIGHT

H1
LED
FOG
LIGHT
BULB



AUXLIGHT H1 LED Fog Light Bulb User Manual

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AUXLIGHT

AUXLIGHT H1 LED Fog Light Bulb



INTRODUCTION

The AUXLIGHT H1 LED Fog Light Bulb is made to give off strong light, making it easier to see in low light or fog, which makes driving safer. It makes sure that your car's fog lights are bright and clear with a color temperature of 6000K Xenon White and an output of 1500 lumens per bulb. High-quality 2pcs COB-1908 chips were used to make this bulb, which will last for up to 50,000 hours. Because the AUXLIGHT bulb has an IP68 grade for waterproofing, it will work reliably in any weather. It works with both 12V and 24V systems, so it can be used on a lot of different vehicles, like trucks, cars, and off-road vehicles. The AUXLIGHT H1 LED Fog Light Bulb, which costs \$17.98, provides better lighting at a reasonable price. It's an update that everyone who wants to drive better in fog, rain, or at night should get.

SPECIFICATIONS

Brand	AUXLIGHT
Price	\$17.98
Waterproof Rating	IP68
LED Type	2pcs COB-1908 Chips
Color	6000K Xenon White
Voltage	DC 12V-24V
Power	30W
Lumen Output	1500LM per bulb
Specific Uses For Product	Headlight
Auto Part Position	Right
Operating Life	50,000 Hours
Manufacturer	AUXLIGHT
Item Weight	1.41 ounces
Product Dimensions	2.15 x 0.47 x 0.47 inches
Mirror Lighting Type	Automotive exterior combination turn signal and fog light bulbs
Voltage	24 Volts

WHAT’S IN THE BOX

- LED Fog Light Bulb
- User Manual

PRODUCT OVERVIEW



FEATURES

- **Very Bright with a Clear Beam:** Each bulb has two high-quality COB-1908 chips that give it 1500 lumens, for a total of 3000 lumens. For better driving, the beam is clear, soft, and doesn't have any glare or dark spots.
- **An energy-efficient design:** Compared to standard halogen bulbs, LED technology cuts power use from 70% to 30%, giving off more light while using less energy.
- **Use of advanced COB technology:** COB (Chip-on-Board) technology makes the beam brighter and clearer by increasing light density and improving light spread.
- **Effective Heat Dissipation:** The housing is made of aviation-grade metal and has a dual cooling system. A built-in heat sink helps heat escape and keeps the device from getting too hot.
- **Long Lifespan:** The AUXLIGHT H1 LED fog lights last for more than 50,000 hours, which makes them a strong and reliable way to light your space.
- **Waterproof (IP68 Rating):** The bulbs are safe against dust and water by having an IP68 rating, so they will work reliably in any weather.

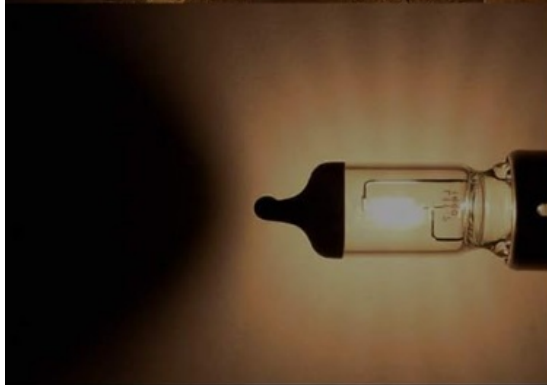


- **Installing the lights is as easy as plugging them in :** They don't need to be flipped or changed because they don't have a polarity design. It only takes 5–10 minutes to install.
- **Clear, bright 6000K xenon white light:** The bulbs give off a 6000K xenon white light that is great for fog lights and daytime running lights (DRL).

EXCELLENT PERFORMANCE

Low brightness

High brightness



- **Compact Size:** The lights are 2.15 inches long and 0.47 inches wide, so they are small enough to fit in most cars.
- **Direct Replacement for Stock Bulbs:** These bulbs are made to replace stock halogen fog lights, so they're an easy way to improve the fog lights on your car.
- **Low Power Consumption:** With 30W per bulb, these LED fog lights use a lot less power than regular fog lights but still offer better light output.
- **Not Glare or Shadowing:** These lights' advanced beam design gets rid of glare and shadowed areas, making driving safer, especially when it's foggy outside.
- **Not for Headlights:** These bulbs are only made for fog lights and daytime running lights (DRL). They are not made for high or low-beam headlights.
- **Compatible with Projector Housing:** These lights work best in projector housing, but they might not work as well in reflector housing.
- **Prices that are easy on the wallet:** At \$17.98 for a pair, these bulbs are an affordable way to improve the performance of your fog lights.

SETUP GUIDE

- **Turn Off the Car:** To avoid getting burned, always make sure the car is off and the fog lightbox is cool before you start installing it.
- **Find the Fog Light Housing:** Open the hood of the car and look for the fog light housing. This is where the old

bulbs are placed.

- **Taking Out the Old Halogen Bulbs:** Carefully take out the old halogen fog light bulbs by turning or unclipping them from the housing.
- **Clean the Fog Light Housing:** Make sure the new bulbs fit properly by cleaning any dust or dirt off the bulb housing before putting the new bulbs in.
- **Put in the AUXLIGHT LED Bulbs:** Carefully place the AUXLIGHT H1 LED fog bulbs inside the housing, making sure they fit tightly.
- **Check for Proper Alignment:** To get a clear and useful beam pattern, make sure the bulb is lined up correctly.
- **Connect the wires:** Make sure the connections between the bulb's connectors and the car's wires are tight.
- **Check Polarity:** Make sure the bulb's polarity is right. It can be installed in any direction because it doesn't need to be polarized.
- **Run the Fog Lights:** Start the car and run the fog lights to make sure they work right and give off the right amount of light.
- **Change the Beam Angle:** Change the fog light's beam angle as needed to make sure it gives off the best amount of light and not blind other cars.
- **Install a Load Resistor:** If the car has a CANBUS system, you need to install an error encoder or a load resistor to stop error codes from showing up.
- **Do It Again on the Other Side:** If you're changing both fog light bulbs, do it again on the other side of the car.
- **Secure the Housing:** Once the bulb is in and linked, put the housing cover on tight to protect it and make sure it won't leak.
- **Double-Check Functionality:** Make sure both bulbs are working properly and giving off the same amount of light.
- **Close the Hood:** Once you're sure the fog lights work, close the hood and give the car one last check while you're driving to make sure everything is going as planned.

CARE & MAINTENANCE

- **Clean the Lenses Often:** To clean the fog light lenses, use a cotton cloth to get rid of any dirt or grime that has built up over time.
- **Check for Moisture:** Check the bulb housing every so often to make sure that no water has gotten inside, as this can damage the light and the wiring.
- **Make Sure They're Aligned Right:** Make sure the fog lights are always lined up right so they work at their best and don't blind other cars.
- **Check for Damage:** Look over the bulbs for any physical damage, like cracks or chips in the lens, that could affect how well they work or how safe they are.
- **Check the Wiring Connections:** Check the wiring and connections for wear, corrosion, or looseness on a regular basis, as these can affect how the light works.
- **Use the Bulbs for What They Were Made For:** These bulbs are meant to be used for fog lights and daytime running lights, so don't use them as headlights to keep them in good shape.
- **Check for Overheating:** To keep the bulbs from getting too hot, make sure the fog light housing's cooling system is working right.
- **Replacing Bulbs in Pairs:** If one goes out, you should replace both at the same time to keep the lighting going smoothly.

- **Protect from Harsh Chemicals:** Do not use harsh chemicals on the bulbs or lens; they can damage the surface and make the light work less well.
- **Be Aware of Power Use:** These bulbs use less energy, but you should always check your car’s electrical system to make sure it can handle the 30W power they need.
- **Avoid Water During Car Washes:** These bulbs are waterproof, but don’t use high-pressure water when washing your car to keep water out of the housing.
- **Check the Housing Seal:** Make sure that the fog light housing is properly sealed so that dirt, moisture, or other debris can’t get in and affect how well the bulb works.
- **Do Not Touch the LED Chips:** When fitting or handling the bulbs, do not touch the LED chips directly to keep them from getting dirty or oily, which can affect how well they work.
- **Regularly Test the Lights:** Make sure the bulbs keep working right and giving off the right amount of light by checking them every so often.
- **Replace with Genuine AUXLIGHT Bulbs:** If you need to replace the bulbs, always use genuine AUXLIGHT bulbs to get the best fit, performance, and life.

TROUBLESHOOTING

Problem	Solution
Bulb doesn't light up	Check if the bulb is installed correctly and firmly.
Bulb flickers	Inspect the wiring for loose connections.
Bulb is too dim	Ensure the voltage is within the 12V-24V range.
Bulb does not fit the housing	Confirm the bulb size is compatible with your vehicle's fog light housing.
Color Mismatch	Verify the bulb's color temperature matches your existing lights.
Water condensation inside the bulb	Check the bulb's waterproof seals for damage.
Bulb turns off intermittently	Check for voltage fluctuations or bad connectors.
Excessive heat from bulb	Ensure proper ventilation in the fog light housing.
No power to bulb	Inspect the vehicle's fuse and wiring system for issues.
Fog light switch malfunction	Test the switch to ensure it is functioning properly.
Bulb burns out too quickly	Verify that the vehicle's voltage is within the recommended range.
Bulb not compatible with vehicle	Confirm the bulb is compatible with your vehicle's fog light type.
Bulb installation error	Double-check the polarity of the bulb installation.
Low light output after installation	Ensure the fog light housing is clean and free from obstructions.
Error codes or malfunctioning	Check for any CAN bus error codes in vehicles with advanced lighting systems.

PROS & CONS

Pros

- Delivers 1500 lumens of bright, clear light for enhanced fog visibility.
- Waterproof IP68 rating for all-weather performance.
- Long lifespan of up to 50,000 hours, reducing the need for frequent replacements.
- Easy installation with plug-and-play setup for most vehicles.
- Energy-efficient design, consuming only 30W of power per bulb.

Cons

- May not be suitable for vehicles with very high-power fog light setups.
- Can be incompatible with some older vehicle models or certain fog light housings.
- Requires 12V-24V DC voltage, limiting compatibility with certain systems.
- Some users may experience slight color mismatch with other existing lights.
- Limited color options (only 6000K Xenon White).

WARRANTY

AUXLIGHT provides a one-year warranty for the H1 LED Fog Light Bulb, covering any defects in materials or workmanship. This warranty ensures that users can replace or get a refund if the product fails under normal use conditions. For any issues, the customer service team is available for assistance.

FREQUENTLY ASKED QUESTIONS

What is the price of the AUXLIGHT H1 LED Fog Light Bulb?

The AUXLIGHT H1 LED Fog Light Bulb is priced at \$17.98, providing an affordable option for those seeking high-quality automotive lighting.

What type of LED chips are used in the AUXLIGHT H1 LED Fog Light Bulb?

The AUXLIGHT H1 LED Fog Light Bulb utilizes 2pcs COB-1908 Chips, known for their efficiency and brightness in automotive lighting applications.

What is the color temperature of the AUXLIGHT H1 LED Fog Light Bulb?

The AUXLIGHT H1 LED Fog Light Bulb emits a 6000K xenon white light, offering clear and bright illumination ideal for fog light usage.

What is the operating life of the AUXLIGHT H1 LED Fog Light Bulb?

The AUXLIGHT H1 LED Fog Light Bulb has a long operating life of up to 50,000 hours, ensuring reliability and longevity.

What is the voltage range for the AUXLIGHT H1 LED Fog Light Bulb?

The AUXLIGHT H1 LED Fog Light Bulb operates within a voltage range of DC 12V-24V, making it compatible with various vehicle systems.

What is the power consumption of the AUXLIGHT H1 LED Fog Light Bulb?

The AUXLIGHT H1 LED Fog Light Bulb consumes 30 watts of power, making it an energy-efficient lighting option.

What is the lumen output of the AUXLIGHT H1 LED Fog Light Bulb?

Each AUXLIGHT H1 LED Fog Light Bulb delivers 1500 lumens, providing ample brightness for fog light use.

What is the waterproof rating of the AUXLIGHT H1 LED Fog Light Bulb?

The AUXLIGHT H1 LED Fog Light Bulb is IP68 waterproof, ensuring it can withstand harsh weather conditions such as rain and fog.

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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