


AUXLIGHT

H3
LED
FOG
LIGHT
BULB



AUXLIGHT H3 LED Fog Light Bulb User Manual

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AUXLIGHT

AUXLIGHT H3 LED Fog Light Bulb



INTRODUCTION

The purpose of the AUXLIGHT H3 LED Fog Light Bulb is to improve your driving experience by enhancing visibility with excellent lighting, particularly in low-visibility situations like fog, rain, and snow. This high-performance bulb, which costs \$17.98, has an amazing 50,000-hour operational life, giving it a long-lasting and robust option for drivers. Bright and clear lighting is ensured by its robust 30W output and 12V-24V voltage range, which can give 1500 lumens per bulb. The H3 Fog/DRL fit socket assures a smooth fit in your car's fog light or daytime running light fixtures, and the IP68 waterproof designation ensures dependable performance in any weather. This product was introduced by AUXLIGHT, a reputable manufacturer recognized for creating superior lighting solutions, to satisfy the demands of drivers seeking fog lights that are long-lasting, brilliant, and efficient.

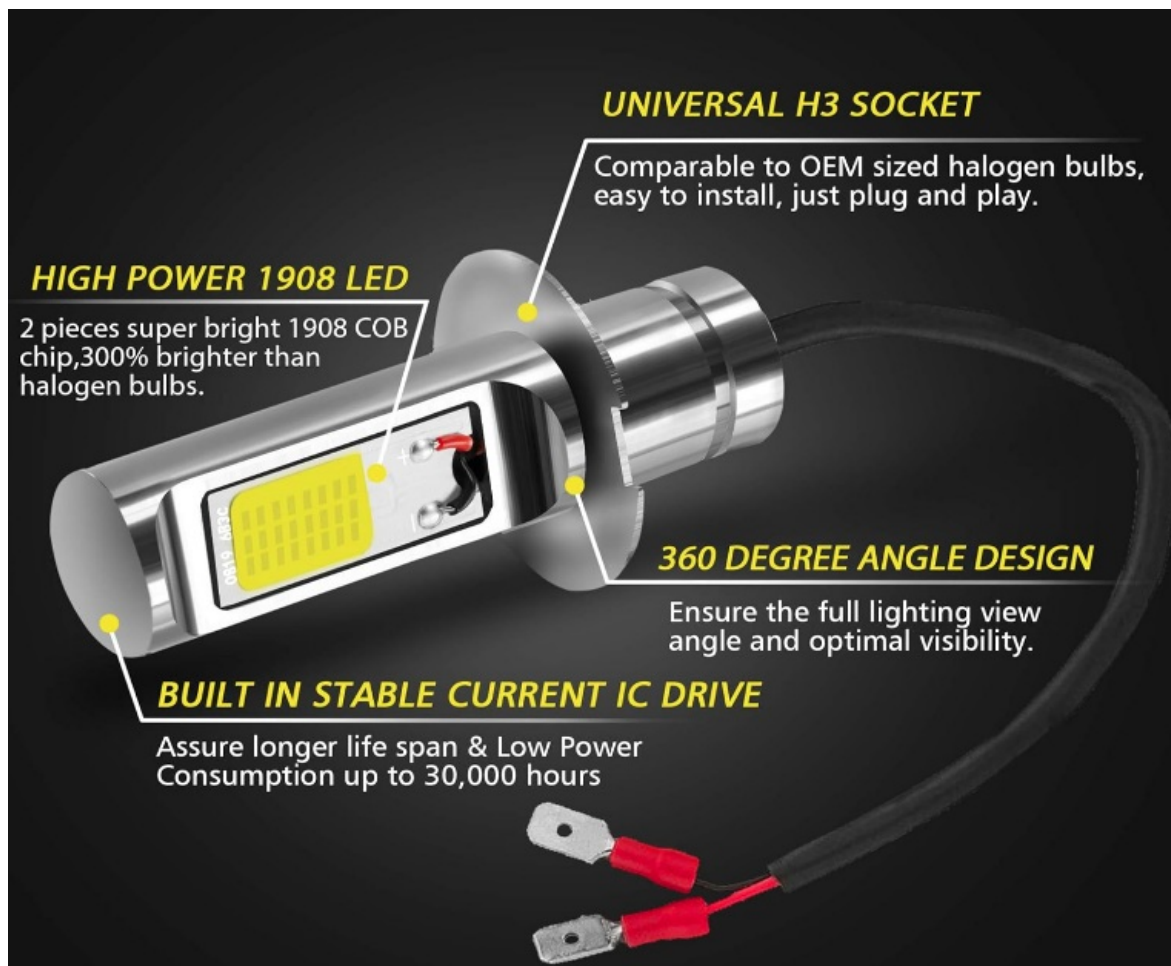
SPECIFICATIONS

Brand	AUXLIGHT
Price	\$17.98
Auto Part Position	Right
Operating Life	50,000 Hours
Voltage	24 Volts
Fit Socket	H3 Fog/DRL
LED Type	2pcs COB-1908 Chips
Voltage (DC)	12V-24V
Power	30W
Lumen	1500LM / bulb
Waterproof Rating	IP68
Item Weight	1.44 ounces
Product Dimensions	1.84 x 0.47 x 0.47 inches
Manufacturer	AUXLIGHT

WHAT'S IN THE BOX

- LED Fog Light Bulb
- User Manual

PRODUCT DETAIL



FEATURES

- **Power Range:** Compatible with a variety of vehicles, it operates within the DC 12V–24V power range.
- **High Lumen Output:** With both bulbs installed, the overall lumen output is 3000, with each bulb emitting 1500 lumens.
- **Power Efficiency:** Using only 30W of power, it offers great brightness without using too much power.

1908-COB HIGH BRIGHT FOG LIGHT/DRL

- 1908 COB chips
- 6000K Xenon White
- 1500LM Super Bright
- No Dark Spots
- 300%+ Brighter than Halogen Bulb



- **Long Lifespan:** The bulbs require fewer replacements because of their remarkable 50,000+ hour lifespan.
- **Waterproof Rating:** These bulbs are perfect for all weather circumstances because they have an IP68 waterproof rating, which completely protects them from dust and water.



- **Optimal Beam Performance:** Visibility is improved by the COB-1908 chips' production of a bright, clean light free of glare and shaded areas.

OPTIMAL FOG BEAM PERFORMANCE

- 2 pieces quality COB-1908 chips, Super Bright
- No glare, No shadowed areas, Soft and Clear Beam



- By using COB-1908 chips, COB technology ensures a more focused and effective light output for improved fog penetration.
- **Advanced Heat Dissipation:** Constructed with an integrated heat sink and aeronautical aluminum housing, this device ensures effective heat dissipation and guards against overheating.
- **Non-Polarity Design:** Without having to worry about polarity, the plug-and-play design makes installation simple.
- **CANBUS Compatibility:** To avoid error codes, vehicles utilizing CANBUS systems may require a load resistor or error decoder.
- **Simple Replacement:** No further wiring or adjustments are needed because this product is made to be a direct replacement for H3 halogen fog light bulbs.
- **Color of Xenon White Light:** Generates 6000K Xenon White light, which is clear, bright, and sharp for improved road visibility.
- **Compact Size:** The bulb's 1.84" length and 0.47" width allow it to fit in tight areas without sacrificing functionality.
- **Use of Daytime Running Light (DRL):** Not appropriate for high/low beam headlights, but only for fog lights and DRL.
- **Sturdy Construction:** Long-term dependability is guaranteed by the lightweight and sturdy 1.44-ounce design, which doesn't increase the vehicle's weight.

SETUP GUIDE

- **Verify Compatibility:** Before installing, make sure your car is compatible with H3 fog light bulbs and that the voltage range is between 12 and 24 volts DC.
- **Prepare the Vehicle:** To prevent electrical shorts or accidents during installation, turn off your car and unplug the power.
- **Find the Fog Light Housing:** Locate the fog light housing, which houses the halogen bulbs, by opening the car's hood.
- To remove the old H3 halogen bulb from the fog light socket, gently twist it counterclockwise.
- The AUXLIGHT H3 LED Fog Light Bulb should be installed by inserting it into the fog light socket and twisting it clockwise until it is firmly in place.
- **Verify Polarity:** If problems arise, make sure the lightbulb is positioned correctly in the socket. Non-polarity installation is made possible by the plug-and-play design.
- **Test the Bulb:** To make sure the new LED bulbs are working properly, turn on your car.
- **Modify the Beam Angle:** Make sure the fog light's beam is correctly aligned and not producing glare by adjusting its position.
- If necessary, install a load resistor or error decoder to get around the CANBUS problem if you encounter error codes.
- **Employ the Right Tools:** To safely remove the old bulbs and install the new ones, use the right tools.
- **Secure the Wires:** Make sure that all of the wiring is securely fastened and not at risk of pinching or overheating.
- Verify that the AUXLIGHT H3 LED Bulb fits properly by making sure the socket holds it firmly in place.
- **Reassemble Housing:** To avoid damaging the bulb or nearby parts, carefully close the fog light housing after installation.
- **Verify Operation:** To make sure the new LED bulbs are functioning as intended, turn on your car's fog lights or DRLs.
- **Verify Alignment:** For best visibility and functionality, make sure the light is pointed appropriately.

CARE & MAINTENANCE

- **Frequent Cleaning:** To make sure the light output is unhindered, clean the AUXLIGHT H3 LED Fog Light Bulb's surface as well as the fog light lens.
- **Check for Debris or Dirt:** Occasionally check the lightbulb for any debris or dirt that might impair its functionality or harm the lens.
- **Check for Cracks:** Verify that there are no damage or cracks in the housing. To avoid failure, think about changing the lightbulb if any are discovered.
- **Check Electrical Connections:** To avoid flickering or failure, make sure the electrical connections on the lightbulb are tight.
- **Prevent Moisture Exposure:** Despite the bulb's IP68 waterproof rating, make sure the housing is free of condensation and moisture accumulation.
- **Wear Gloves During Installation:** To prevent oils from your hands from getting on the bulb surface, wear gloves when installing or changing the bulb.
- **Keep an Eye Out for Overheating:** Even though the bulb dissipates heat very well, make sure the fog light housing is always well-ventilated.
- **Test the Bulb Frequently:** Make sure the bulb is operating at maximum brightness by periodically checking its operation.

- **Do Not Touch the LED Chips:** Keep your hands away from the LED chips to prevent performance and longevity issues caused by skin oils.
- **Inspect for Flickering:** To fix any CANBUS problems, inspect the wiring or think about adding a load resistor.
- **Check for Rust:** If you reside in a location with a lot of humidity, make sure that no rust has accumulated around the connections.
- **Store in a Dry Location:** To extend the life of the lightbulb, store it in a cool, dry location if you must remove it for storage.
- Replacing worn-out bulbs is crucial when they begin to dim or malfunction, even if they are made to last for more than 50,000 hours.
- **Avoid High Power Loads:** To avoid overheating or bulb damage, do not exceed the designated voltage range (DC 12V-24V).
- **Verify Compatibility:** To avoid damage and guarantee correct functioning, make sure load resistors or error decoders are installed correctly while changing a lightbulb in a car with a CANBUS system.

TROUBLESHOOTING

Issue	Possible Cause	Solution
The bulb not turning on	Incorrect installation	Check the bulb's connections and ensure it's properly seated in the socket.
Flickering light	Loose connection or damaged socket	Reinstall the bulb securely and inspect the socket for damage.
Dim light	Voltage issues or inadequate power supply	Ensure your vehicle's voltage supply is within the recommended 12V-24V range.
The bulb is not compatible with the vehicle	Incorrect bulb size or type	Verify compatibility with H3 fog/DRL sockets before purchasing.
Water condensation inside the bulb	Seal failure or exposure to moisture	Check the bulb for cracks or defects; ensure proper installation.
Poor light output	Dirty or obstructed bulb cover	Clean the bulb and surrounding area for better light performance.
Overheating	Insufficient ventilation	Make sure the bulb has enough airflow and is not installed in a confined space.
Bulb burning out prematurely	Incorrect power or voltage issues	Check the vehicle's electrical system and make sure the bulb matches specifications.
Color temperature issue	Faulty or mismatched bulb	Replace the bulb if color discrepancies persist.
The bulb not fitting properly	Incorrect model or size	Confirm the bulb is the correct fit for your vehicle's socket.

PROS & CONS

Pros:

1. Offers 1500 lumens per bulb for bright, clear fog light performance.
2. Long lifespan of 50,000 hours, reducing the need for frequent replacements.

3. Waterproof (IP68 rated), perfect for all-weather use.
4. Energy-efficient with minimal power consumption.
5. Easy to install, compatible with most vehicles' H3 fog/DRL sockets.

Cons:

1. May not be compatible with all vehicles—ensure your vehicle has the correct socket.
2. The light output may not be as intense as high-end HID fog lights.
3. Some users report it may not be as effective in extremely dense fog.
4. Limited color temperature options compared to other high-end models.
5. Requires proper installation to avoid flickering issues.

WARRANTY

The AUXLIGHT H3 LED Fog Light Bulb comes with a **1-year warranty** from the manufacturer. This warranty covers defects in material or workmanship, offering peace of mind in the event of any manufacturing issues. It's recommended to follow the manufacturer's instructions for proper installation and usage to ensure the bulb performs optimally throughout its lifespan.

FREQUENTLY ASKED QUESTIONS

What is the price of the AUXLIGHT H3 LED Fog Light Bulb?

The AUXLIGHT H3 LED Fog Light Bulb is priced at \$17.98, making it an affordable option for enhancing vehicle lighting.

What is the operating life of the AUXLIGHT H3 LED Fog Light Bulb?

The AUXLIGHT H3 LED Fog Light Bulb has an impressive operating life of 50,000 hours, ensuring long-lasting performance.

What is the power consumption of the AUXLIGHT H3 LED Fog Light Bulb?

The AUXLIGHT H3 LED Fog Light Bulb consumes 30W of power, providing efficient brightness without excessive energy usage.

What type of chips are used in the AUXLIGHT H3 LED Fog Light Bulb?

The AUXLIGHT H3 LED Fog Light Bulb utilizes 2pcs COB-1908 LED chips, known for their high efficiency

and bright output.

What is the lumen output of the AUXLIGHT H3 LED Fog Light Bulb?

The AUXLIGHT H3 LED Fog Light Bulb offers a lumen output of 1500LM per bulb, providing clear and bright illumination.

What is the voltage range of the AUXLIGHT H3 LED Fog Light Bulb?

The AUXLIGHT H3 LED Fog Light Bulb is designed to work within a voltage range of DC 12V to 24V, making it compatible with most vehicle electrical systems.

What is the size of the AUXLIGHT H3 LED Fog Light Bulb?

The AUXLIGHT H3 LED Fog Light Bulb has dimensions of 1.84 x 0.47 x 0.47 inches, offering a compact and easy-to-install design.

How much does the AUXLIGHT H3 LED Fog Light Bulb weigh?

The AUXLIGHT H3 LED Fog Light Bulb weighs 1.44 ounces, making it lightweight and easy to handle during installation.

References

- [User Manual](#)

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

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