

LUYED

LY-10171
880
LED
FOG
LIGHT



LUYED LY-10171 880 LED Fog Light Instruction Manual

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LUYED LY-10171 880 LED Fog Light



INTRODUCTION

The LUYED LY-10171 880 LED Fog Light is a high-quality lighting option made to improve safety and visibility when driving in foggy or low-visibility conditions. This high-performance fog light, which costs only \$14.99, gives off 1800 lumens of bright xenon white light, making driving clearer and safer. These fog lights are not only useful, but they also save you money because they last up to 50,000 hours. The LY-10171 type is made by LUYED, a company known for making high-quality lighting products for cars. It is perfect for cars that need reliable fog or DRL (daytime running lights). The fog light's aluminum body makes it long-lasting and resistant to harsh weather, and its 24V voltage makes it great for a wide range of vehicles.

SPECIFICATIONS

Brand	LUYED
Price	\$14.99
Specific Uses For Product	Fog Lights, DRL Lights
Brightness	1800 Lumen
Color	Xenon White
Operating Life	50,000 Hours
Manufacturer	LUYED
Item Weight	1 ounce
Product Dimensions	2.4 x 0.9 x 0.9 inches
Item Model Number	LY-10171
Exterior	Aluminum
Mirror Lighting Type	Automotive-exterior-fog-light-bulbs
Voltage	24 Volts

WHAT'S IN THE BOX

- LED Fog Light
- Manual

FEATURES

- **Super Bright Output:** It gives off 1800 lumens of light in a 6500K xenon white color, which is a lot more light than regular lamps.
- **Low Power Consumption:** Since each light only uses 3.2W, it is energy-efficient and very bright.
- **Advanced 3014 78-EX Chipsets:** Comes with high-quality chipsets that make the light power and efficiency better.

PRODUCT FEATURES

HD PROJECTOR LENS

Stronger light penetration



3014SMD LED CHIPS

High quality SMD chips, provide 6500K super bright output with lowest consumption



STANDARD 880 SOCKET NON POLARITY



- **Fits a lot of different light sizes**: like 889, 892, 893, 880, 890, 862, 884, 885, 894, 898, and 899.
- **Plug-and-Play Installation**: A simple, straightforward installation process that doesn't need any changes or special tools.
- **Excellent for Fog and DRL Lights**: Made to work with fog lights or daytime running lights (DRL), making it easier to see in bad weather.
- **Durable Aluminum Housing**: It is made of aviation-grade aluminum, which is better at removing heat and lasts longer.
- **Long Lifespan**: Able to work for 50,000 hours, which means it doesn't need to be replaced as often.



- **Wide Voltage Range:** It works with voltages between 9V and 30V DC, so it can be used in most cars.
- **Stable Input Current:** An intelligent IC driver built into the bulb guards the circuit, making sure that the light output stays the same and that the bulb is safe from power changes.
- **Xenon White Light:** This type of light gives off a clean, bright white light (6500K), which makes it easier to see on the road.
- **Small Size:** The bulb is 2.4" x 0.9" x 0.9", which makes it small and useful for a wide range of car types.



- **Efficient Heat Dissipation:** The clever IC driver and aluminum housing work together to keep the heat under control so the device keeps running at its best.
- **Reliable Service:** LUYED offers customer service for any problems, making sure that using their goods is easy.
- **A Reasonable Cost:** The LUYED 880 LED Fog Light is a great deal at \$14.99 considering how well it works and how long it lasts.



SETUP GUIDE

- Take the bulbs out of their box carefully and look for any damage that happens during shipping.
- **Check for Compatibility:** Make sure the bulb size fits the fog light or DRL fitting on your car.
- **Turn Off Vehicle Power:** To avoid getting an electric shock, turn off the vehicle and unplug the battery before starting the installation.
- **Take out the original bulbs:** Carefully open the fog light compartment and take out the original halogen lamps.
- Remove any dirt or water from the bulb socket by wiping it down with a clean cloth.
- **Put the LED Bulbs in:** Carefully place the LUYED LED fog light bulbs in the bulb socket, making sure they are snug.
- **Check Bulb Orientation:** Make sure the bulbs are facing the right way and that they fit tightly into the case.
- **Connect the Power Source:** Connect the car's battery or power source.
- **Test the Light Bulbs:** Start the car and check the lights to make sure they are working right.
- **Change the Beam:** If the fog lights can be changed, make small changes to the beam direction to get the best light.
- **Secure the Bulbs:** Make sure the bulbs are firmly in place so they don't move or vibrate while you're moving.
- **Check the Wiring:** Make sure the links between the wires are tight by checking them twice.
- **If your car has a CAN-Bus system, check for error codes** and flashing to make sure there aren't any.
- **Final Test:** Turn on the car's fog lights and test them in real-life driving situations to make sure they work well and are bright.

CARE & MAINTENANCE

- Every so often, clean the lights and their housing with a soft cloth and mild soap to get rid of dirt and road grime.
- **Avoid Harsh Chemicals:** Do not use harsh cleaners or chemicals that could damage the surface or case of the bulb.
- When you check the lights on a regular basis, look for signs of damage or wear, like flickering or less brightness.
- **Make Sure the Bulbs Fit Tightly:** Make sure the bulbs are always firmly in their sockets so they don't come loose from vibrations.
- **Check the Wiring Connections:** Make sure the wiring is complete and there are no uncovered wires or corrosion that could lead to electrical problems.
- **Protect from Water:** To keep the electrical parts from breaking down or rusting, don't let water pool around the bulb sockets.
- **Avoid Too Much Heat:** Do not put the lights near sources of too much heat, as this could shorten their life and make them work less well.
- **Use in the Right Way:** To get the best performance, only use the bulbs for what they were made for (fog lights or DRL lights).
- **As Necessary:** If the bulb starts blinking or getting very dim, it needs to be replaced to keep the driving conditions safe.
- **How to Store It:** Keep the lights in a cool, dry place when not in use to keep them safe from humidity and temperature changes.
- **Check for Cracks:** Look for cracks in the lens and bulb housing that could affect how much light comes out or let water in.
- **Protect Yourself:** Be careful when handling the bulbs to keep the fragile LED parts from getting broken.
- **Test Before Long Trips:** Make sure the fog lights are working at full strength before going on a long trip.
- **Avoid Overloading the Circuit:** Do not go over the suggested voltage range of 9V to 30V to keep the bulb from breaking.

TROUBLESHOOTING

Issue	Solution
Fog light is not turning on.	Check the wiring and ensure it is connected properly.
Dim light output.	Ensure the fog light is clean and free from debris.
Flickering light.	Inspect for loose connections or damaged wiring.
Light is too bright.	Check if the correct model is installed for your vehicle.
Fog light is overheating.	Ensure proper ventilation around the fog light.
The light is not matching color.	Verify the bulb type and color temperature are correct.
Voltage mismatch.	Confirm that the fog light is compatible with a 24V system.
Corrosion on the connectors.	Clean the connectors using electrical contact cleaner.
Fog light is not properly aligned.	Adjust the fog light angle for proper visibility.
The light is not waterproof.	Inspect for any damaged seals or gaps.
No power to the light.	Check the vehicle's fuse and replace if blown.
Water inside the lens.	Replace the fog light if the seal is compromised.
The fog light is not securing tightly.	Tighten the mounting screws and ensure proper installation.
The fog light bulb is burnt out.	Replace the bulb with a new compatible LED bulb.
Incompatible with the vehicle's fog light housing.	Check compatibility and consider modifying the housing.

PROS & CONS

Pros:

1. Provides 1800 lumens of bright xenon white light for better visibility.
2. Long operating life of 50,000 hours, ensuring longevity.
3. Compatible with a wide range of vehicles, including cars and trucks.
4. Aluminum exterior for durability and resistance to the elements.
5. Energy-efficient and cost-effective for long-term use.

Cons:

1. Only compatible with 24V systems, limiting vehicle compatibility.
2. Not suitable for high beam applications.
3. The small size may not fit all vehicles without adjustments.
4. May require professional installation for optimal results.
5. Limited brightness compared to higher-end fog lights.

WARRANTY

LUYED provides a limited warranty for the LY-10171 880 LED Fog Light, ensuring customers receive a high-quality product. The warranty typically covers defects in material or workmanship for a specified period. Check the product details for full warranty terms. To initiate a warranty claim, ensure you retain the original purchase receipt

and the product itself.

FREQUENTLY ASKED QUESTIONS

What is the price of the LUYED LY-10171 880 LED Fog Light?

The LUYED LY-10171 880 LED Fog Light is priced at \$14.99, making it an affordable lighting solution for your vehicle's fog and DRL needs.

What is the brightness of the LUYED LY-10171 880 LED Fog Light?

The LUYED LY-10171 880 LED Fog Light produces 1800 lumens, offering a bright and effective light for enhanced visibility in foggy conditions.

What color does the LUYED LY-10171 880 LED Fog Light emit?

The LUYED LY-10171 880 LED Fog Light emits light in a Xenon White color, providing clear and crisp illumination ideal for driving in foggy or low-light environments.

What is the operating life of the LUYED LY-10171 880 LED Fog Light?

The LUYED LY-10171 880 LED Fog Light has an impressive operating life of 50,000 hours, ensuring long-lasting performance and reliability.

What is the voltage of the LUYED LY-10171 880 LED Fog Light?

The LUYED LY-10171 880 LED Fog Light operates on 24 volts, providing consistent and efficient performance for your vehicle.

What are the dimensions of the LUYED LY-10171 880 LED Fog Light?

The LUYED LY-10171 880 LED Fog Light has compact dimensions of 2.4 x 0.9 x 0.9 inches, making it suitable for various vehicle types without taking up too much space.

What is the weight of the LUYED LY-10171 880 LED Fog Light?

The LUYED LY-10171 880 LED Fog Light weighs just 1 ounce, making it lightweight and easy to handle during installation.

What material is used in the construction of the LUYED LY-10171 880 LED Fog Light?

The LUYED LY-10171 880 LED Fog Light features an aluminum exterior, which helps dissipate heat and ensures durability and long-term use.

VIDEO – PRODUCT OVERVIEW



<https://manuals.plus/wp-content/uploads/2024/12/LUYED-LY-10171-880-LED-Fog-Light-Instruction-Manual.mp4>

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