LED LIGHTING

User Manual

luxster X RACARYS



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IMPORTANT LEGAL & COMPLIANCE DISCLAIMER

At LUXSTER, we prioritize engineering excellence and strict adherence to safety regulations. Please read the following application guidelines carefully before purchasing:

1. FMVSS No. 108 Regulation: Under the U.S. Federal Motor Vehicle Safety Standard (FMVSS) No. 108, aftermarket LED replacement bulbs cannot be legally used in halogen headlight housings for street-driven vehicles.
2. Approved Applications: The LUXSTER LED bulb is manufactured and classified exclusively as Fog Lights or Off-Road Powersports Lighting (for use on ATVs, UTVs, agricultural vehicles, and closed-circuit tracks).
3. Amazon Policy Compliance: This product is NOT an "LED Headlamp Conversion Kit." We strictly prohibit the use of these bulbs for on-road low beam or high beam headlight applications. Buyers are solely responsible for ensuring their use of the product complies with all applicable federal, state, and local laws.

PRODUCT INTRODUCTION

1. Package Contents:

- LED Bulb X2
- User Manual XI

2.Product Specifications

Operating voltage	DC (9-16V)
IP rating	IP67
Color temperature	6000-6500K
Operating temperature	-40°C-85°C
LED chips	Talon Series LED chips
Heat sink	6063 aluminum alloy
Cooling method	Vapor Chamber Cooling

USER INSTRUCTIONS

- Please purchase the product through official channels, otherwise we won't provide after-sales service.
- As the product has small & sharp parts, please keep it away from children.
- After receiving the product, please carefully check whether it is damaged or any part is missing. If there is any problem, please contact Customer Service.
- This product is only fit for vehicles which use 12V battery. High voltage may cause damage.

TECHNICAL SUPPORT & SERVICE TEAM

E-mail: cares@luxsterled.com

If there is any question about the bulbs, contact our service team for help.

Dracarys LED Bulb – External Driver Unit

The LUXSTER Dracarys LED bulb comes with an external driver unit designed to enable you to easily switch between two power modes: 55W CANBUS Mode and 85W Powerboost Mode.

Mode Switching Functionality:

55W CANBUS Mode:

In this mode, the bulb operates at a standard 55W power, offering better compatibility with most vehicles, reducing the chances of flickering and error codes.

85W Powerboost Mode:

This mode unleashes the full potential of the Dracarys LED bulb, delivering maximum brightness at 85W power. This mode requires a stable voltage and current supply from your vehicle; otherwise, flickering or random shut-off may occur.

How to Switch Modes:

The external driver features a toggle switch that allows you to easily switch between 55W CANBUS and 85W Powerboost modes. Simply press the switch to select your desired mode.

Important Notes:

Power Requirements: In Powerboost mode, ensure your vehicle can provide stable power to prevent flickering or failure.

Additional Support:

If you experience issues with flickering, we recommend switching to 55W CANBUS mode and contacting us for a free relay kit to stabilize the power supply.



INSTALLATION INSTRUCTIONS

I.Important Notes:

① Please light-up the bulb before installation.

② The OE halogen bulb would be extremely hot for a quite long time after shutting down the engine. To avoid burns, please wait at least 2 hours before replacing the lamps.

③ Wear gloves while replacing the lamps, and do not touch the LED chips.

@ If the lamps do not light-up, please unplug the power line, connect it reversely and try again. Make sure the polarity correct, (especially for 9005/HB3, 9006/HB4, H11, 9012)

2.Models： H1/H3/H4/H7

Installation instructions (Take H4 as an example)



Fig. 1：Remove the dust cover and the OE Halogen bulb. Hold the base of the lamps and turn counter-clockwise until it is unlocked, and then remove the OE Halogen bulb.



Fig. 2：Insert the retainer holder into the assembly slot, match the tabs with slot, and lock the retainer holder with the buckle.



Fig. 3: Insert the lamps into the retainer holder with correct position.



Fig. 4: Rotate the heat sink to get a better beam pattern (It will get a best beam pattern if the LED chips face 3-9 o'clock.)



Fig. 5: Please double check the “+/-” polarity before connecting the plug. (only for H7.)



Fig. 6: Sort and fix the wiring harness with Zip Ties or Double-side Tape.You can also insert the driver into assembly.

3.Models： H11/9005/9006/9012

Installation instructions (Take 9005 as an example)



Fig. 1: Remove the dust cover and the OE halogen bulb.



Fig. 2: Line-up the tabs with the slots of the assembly. Warn：the tabs are asymmetrical.



Fig. 3: Insert the lamps, turn them clockwise, then clamp tightly.



Fig. 4: Connect the power line.



Fig. 5: Sort and fix the wiring harness with Zip Ties or Double-side lape.You can also insert the driver into assembly.

4.Models： 9004/9007

Installation instructions



Fig. 1: Remove the bulb retainer and OE halogen bulb from the vehicle.



Fig. 2: Insert bulb into the assembly and rotate it clockwise, then lock it.



Fig. 3: Rotate the heat sink to make it tight (If the high beam and the low beam reverse, take the bulb out and rotate it 180 degree,and then install it again.)



Fig. 4: Insert the lamps into the retainer holder with correct position.

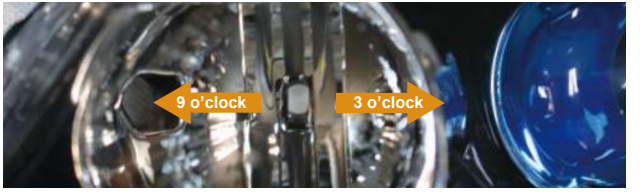
Note: Line up the tiny tab of LED lamps with the slot of retainer holder.



Fig 5: Sort and fix the wiring harness with Zip Ties or Double-side Tape. You can also insert the driver into assembly.

Fig. 6: Suggestions

For most of vehicles,we suggest to keep the LED chips face 3 and 9 o'clock direction when locked into place to achieve the best beam pattern.





If the beam pattern is too high, adjust the buckle of the assembly to adjust the beam pattern.(As the picture shows on the left.)

1.Q: The model of lamps I purchased is different from my OE halogen lamps. Can I get an exchange for the correct model?

A: The main reasons:

(1) Amazon Confirmed Fit system is not 100% accurate.

(2) Your headlight assembly is not an OE part.

Please double check the model of your OE halogen bulb. And contact our Customer Service for an exchange.

2.Q: The size of the lamps is not correct, they're either too long or too wide, and LED lamps can't be installed into the headlight assembly. How can I get proper size lamps for my car?

A: Some LED lamps are not in a 1:1 ratio with the OE halogen bulbs. The large base is for better heat dissipation and prolonging the life of the lamps. If the lamps are not suitable for installation, please contact the Customer Service.

3.Q: Do you meet the five phenomenons below?

(1) Errors on instrument panel;
(2) The Lamp keeps flashing;
(3) Can't switch between high and low beams;
(4) High and low beam reversed;
(5) The Lamp does not turn on or off.

A: The above phenomenons are decoding problems, which are mainly caused by the automotive computer failing to detect the correct signal. You can contact Customer Service to obtain the decoder and solve the decoding problem.

4. Q: How to adjust the lamps to 3-9 o'clock? I've read all the instructions, but still can't find the method.

A: We recommend keeping the LED chips facing the 3 o'clock and 9 o'clock positions to ensure the best beam pattern and visual effect. However, it is impossible to adjust to this position for some vehicles. There is no need to worry about the position of the LED chips as long as the beam pattern is acceptable.

5. Q: The Daytime Running Lamps work incorrectly, it keeps flashing. How can I solve the issue?

A: If your Daytime Running Lamp and High beam is the same bulb, the case would be complicated to solve. Please contact Customer Service.

6. Q: After installing the LED lamps, I found my High beam and Low Beam reversed. Is there any way to solve this problem?

A:It is recommended to remove the lamp, rotate by 180° and install it again. If the problem still exists, please contact Customer Service.

WARRANTY DESCRIPTION

Thank you for purchasing our products. All of our products are manufactured with best quality control; To safeguard your interests, please scan the QR code below to register your product for a two-year warranty. You can also reach out to us directly for support via the email address provided below.

Support: cares@luxsterled.com

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