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SEALIGHT L2S 9005

SEALIGHT L2S 9005 HB3 LED Bulb User Manual

Model: L2S 9005 HB3

Manufacturer Part Number: 4875LHB575BUS

1. Product Overview

The SEALIGHT L2S 9005 HB3 LED Bulbs are designed to provide enhanced illumination for driving, ATV/UTV off-road, powersports, or fog light applications. These bulbs feature high brightness, a cool white color temperature, and a long operational lifespan.

Key Features:

- **70,000LM 12X Brighter Vision:** Equipped with 16 CSP chips, delivering 70,000 lumens at 6500K for clear visibility.
- **Safe Beam Pattern:** Precise bulb pattern designed to prevent glare for oncoming drivers.
- **3 Minute Easy Installation:** Designed for a 1:1 fit, allowing for effortless, plug-and-play installation without complex wiring.
- **70,000 Hours Long Lasting:** Engineered for extended durability, lasting significantly longer than standard bulbs.
- **99% Universal Compatibility:** Utilizes advanced decoding technology and an intelligent IC driver for broad vehicle compatibility, minimizing flicker or interference.

2. What's in the Box

Verify that all components are present in the package:

- 2 x SEALIGHT L2S LED Bulbs (9005*2)
- 1 x User Manual
- 1 x Pair of Gloves



Image: Package contents including two L2S LED bulbs, user manual, and gloves.

3. Setup and Installation

The SEALIGHT L2S 9005 HB3 LED Bulbs are designed for a straightforward, plug-and-play installation. Ensure your vehicle is turned off and cooled down before beginning installation.

Compatibility Check:

Before installation, confirm that the 9005/HB3 bulb type is compatible with your vehicle. Refer to your vehicle's owner's manual or use an online fitment guide.



Image: Example of a mobile fitment guide for checking bulb compatibility.

Installation Steps (Approx. 3 Minutes):

1. **Step 1: Remove Stock Bulb.** Carefully disconnect the wiring harness and twist to remove the existing halogen bulb from its housing.
2. **Step 2: Insert L2S Bulb.** Insert the SEALIGHT L2S LED bulb into the headlight housing. Ensure it is seated correctly and securely. The 1:1 design ensures a perfect fit.
3. **Step 3: Connect the Plug.** Connect the wiring harness to the new LED bulb. Ensure a firm connection.



Image: Visual guide for the 3-minute plug-and-play installation process.



Image: Size comparison of SEALIGHT L2S LED bulb with a stock bulb, illustrating the 1:1 design.



Image: Examples of vehicles compatible with SEALIGHT L2S bulbs.

4. Operating Instructions

Once installed, the SEALIGHT L2S 9005 HB3 LED bulbs operate automatically with your vehicle's lighting system. They are designed to provide superior brightness and a clear, focused beam.

Light Performance:

- **Brightness:** Experience 70,000LM of super bright, 6500K cool white light, significantly brighter than standard halogen bulbs.
- **Beam Pattern:** The bulbs are engineered to produce a precise beam pattern, minimizing light scatter and preventing glare for other drivers, enhancing overall road safety.



Image: Brightness comparison of SEALIGHT L2S bulbs against other lighting.

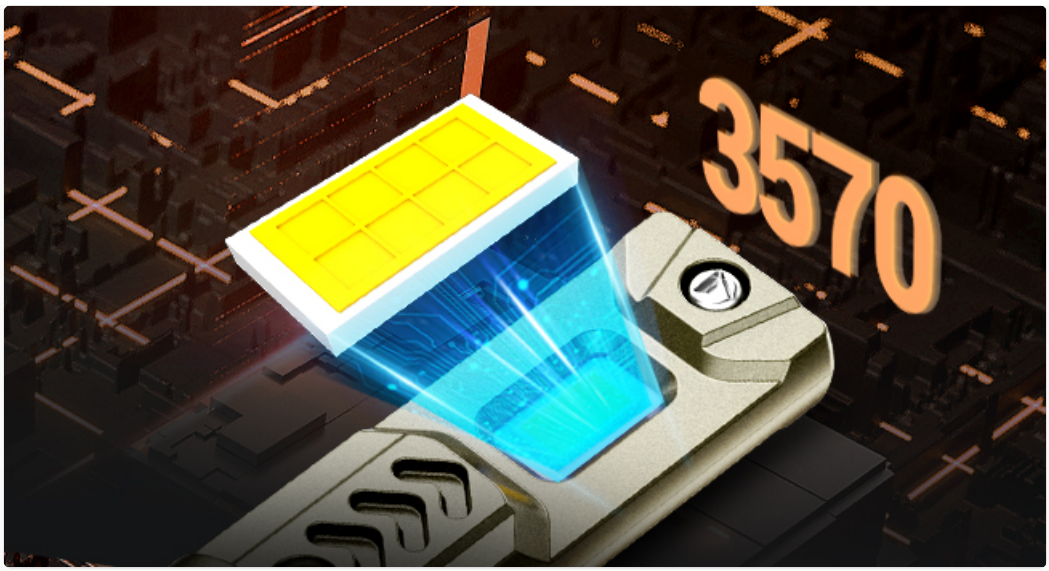


Image: Beam pattern comparison showing focused light from SEALIGHT L2S.

5. Maintenance

SEALIGHT L2S LED bulbs are designed for minimal maintenance due to their robust construction and efficient cooling system.

- **Long Lifespan:** The bulbs are rated for 70,000 hours of operation, significantly reducing the need for frequent replacements.
- **Cooling System:** An integrated 25,000 RPM silent cooling fan and premium aluminum body ensure optimal heat dissipation, contributing to the bulb's longevity and stable performance.
- **Waterproof Design:** With an IP68 rating, the bulbs are protected against dust and water ingress, ensuring reliable performance in various weather conditions.



Image: Internal structure highlighting cooling fan and durable body.



Image: SEALIGHT bulbs demonstrating IP68 waterproof capability.

6. Troubleshooting

If you encounter any issues with your SEALIGHT L2S LED bulbs, consider the following common solutions:

- **Flickering or Interference:** The L2S bulbs include advanced decoding tech and an intelligent IC driver to prevent these issues. If flickering occurs, ensure the connections are secure. In rare cases, an additional CANbus decoder might be required for certain sensitive vehicle systems.
- **Bulb Not Lighting Up:** Double-check all connections. Ensure the bulb is correctly seated in the housing. LED bulbs are polarity sensitive; if it doesn't light up, try reversing the plug connection.
- **Dim Light Output:** Verify that the bulb is receiving adequate power. Ensure no debris or obstructions are blocking the light output from the headlight assembly.
- **Uneven Light Pattern:** Ensure the bulb is properly aligned and seated in the housing. Incorrect seating can lead to an improper beam pattern.

If problems persist after attempting these steps, please contact SEALIGHT customer support for further assistance.

7. Specifications

Feature	Specification
Brand	SEALIGHT
Model Number	4875LHB575BUS
Light Source Type	LED
Specific Uses	Driving Light, ATV/UTV OFF ROAD LIGHT, POWERSPORTS LIGHT OR FOG LIGHT
Color Temperature	6500 Kelvin (Cool White)
Light Output Maximum	70,000 Lumens
Wattage	54 watts
Voltage	12V

Fit Type	Universal Fit
Operating Life	70,000 hours
Included Components	2 x 9005 Bulbs
Waterproof Rating	IP68 (implied by image, not explicitly in specs but in A+ content)

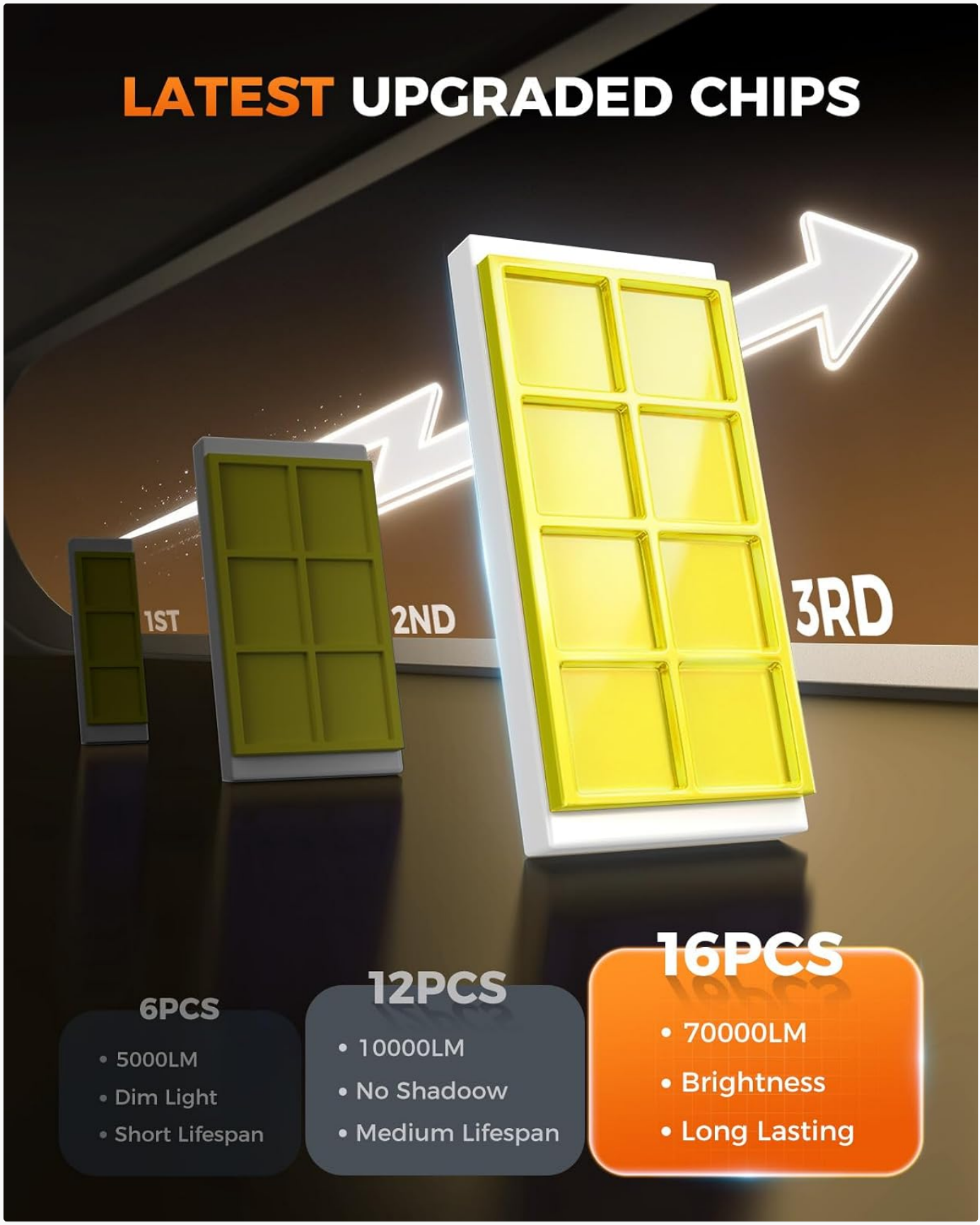


Image: Evolution of LED chip technology, showing the 16 CSP chips used.



Image: Close-up of the 3570 LED chip technology.

8. Warranty and Support

Warranty Information:

SEALIGHT L2S 9005 HB3 LED Bulbs come with a**2 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims or detailed information regarding the terms and conditions, please retain your proof of purchase.

Customer Support:

If you have any questions, require technical assistance, or need to report an issue, please contact SEALIGHT customer support. Refer to the official SEALIGHT website or your purchase platform for the most current contact information.

You can also visit the SEALIGHT Store on Amazon for additional product information and support resources.

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