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› SEALIGHT 9004 Bulbs S6 Series User Manual

SEALIGHT SEALIGHT S6 Series Fog Bulbs

SEALIGHT 9004 Bulbs S6 Series User Manual

Model: SEALIGHT S6 Series Fog Bulbs

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your SEALIGHT 9004 S6 Series LED bulbs. Designed for automotive lighting applications, these bulbs offer enhanced brightness and a long lifespan. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.



Figure 1.1: SEALIGHT 9004 S6 Series LED Bulbs

2. PRODUCT FEATURES

- **High Brightness:** Produces 33,000 lumens for increased visibility, extending the range to 1600 feet for safer night driving.
- **Optimal Beam Pattern:** Features a 1:1 light design with a 2mm thick copper board and precisely positioned chips, ensuring a perfect light pattern without dark spots and providing a wider, clearer vision.
- **Extended Lifespan:** Utilizes a hollow heat sink and a 15,000 RPM turbo cooling fan, contributing to an ultra-long lifespan of over 60,000 hours.
- **Quick Installation:** Designed for a 5-minute plug-and-play installation with a 360° adjustable locking ring and wireless design, requiring no modifications to your vehicle's light housing.
- **High Compatibility:** Equipped with a built-in intelligent driver and CANbus ready design, ensuring compatibility with 99% of vehicle systems and minimizing error warnings, radio interference, or flickering.

SEALIGHT 2024 LATEST CHIP TECHNOLOGY

Extremely Bright High Lumens Performance

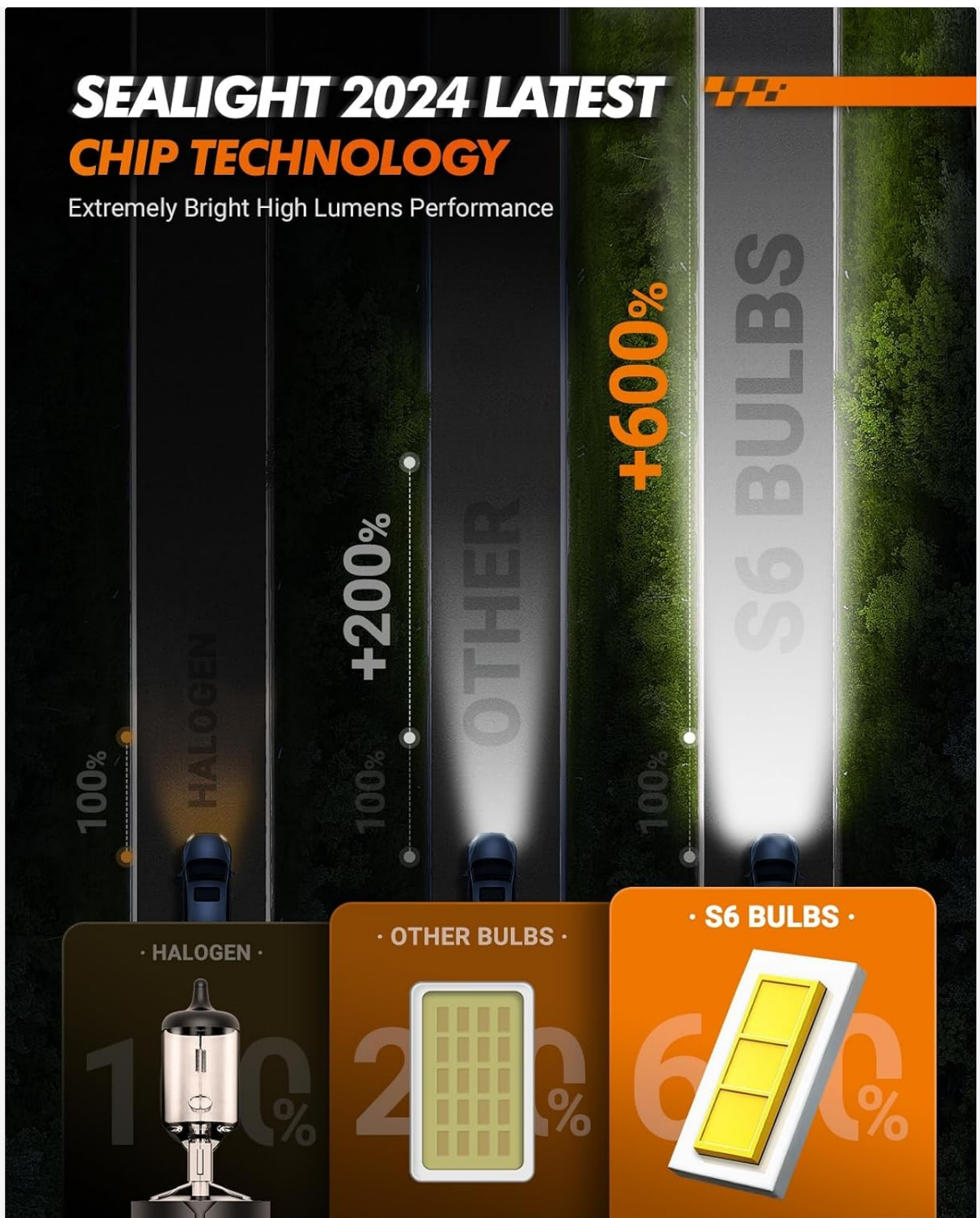


Figure 2.1: Brightness Comparison: S6 Bulbs vs. Halogen and Other Bulbs



Figure 2.2: Road Visibility Comparison: SEALIGHT vs. Stock Bulb

Video 2.1: Overview of SEALIGHT S6 Series 2024 Upgraded Bulbs, highlighting key features and performance.

3. WHAT'S IN THE BOX

- 9004 Bulbs x 2
- Install Gloves x 2
- User Manual x 1
- Zip Ties x 4

4. SPECIFICATIONS

Specification	Value
Brand	SEALIGHT
Brightness	36000 Lumen
Item Package Quantity	1 (Pack of 2 bulbs)
Color Temperature	6500K (Cool White)
Auto Part Position	Front
Operating Life	60000 Hours
Manufacturer	SEALIGHT
Automotive Fit Type	Universal Fit
Model	SEALIGHT S6 Series Fog Bulbs
Item Weight	8.1 ounces
Package Dimensions	4.8 x 4.37 x 3.31 inches
Voltage	12 Volts

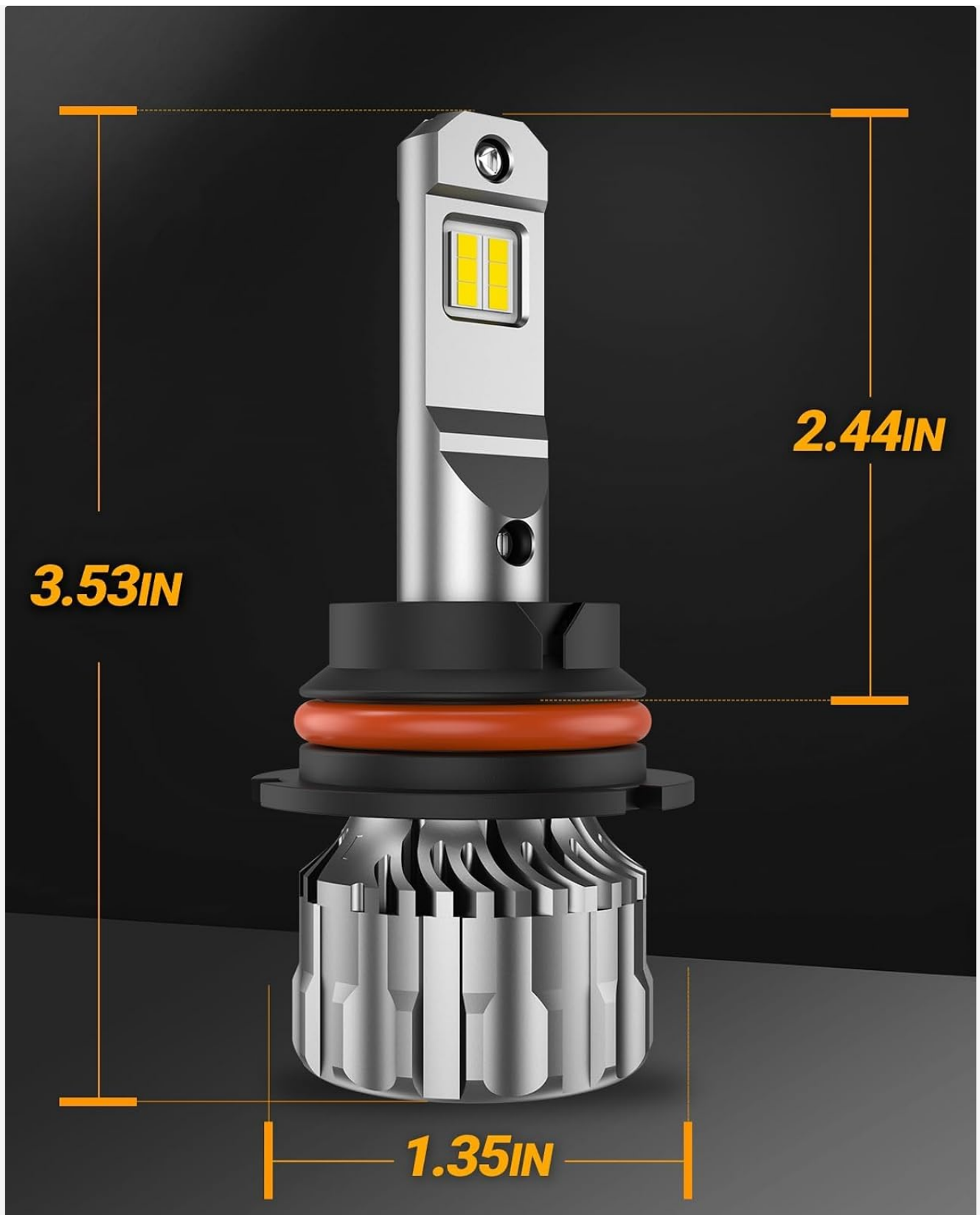


Figure 4.1: Product Dimensions

5. SETUP AND INSTALLATION

The SEALIGHT 9004 S6 Series bulbs are designed for a quick and straightforward installation process, typically taking around 5 minutes. No additional ballast or complex wiring is required.

5.1 Installation Steps

1. **Access the Bulb Housing:** Locate your vehicle's headlight or fog light housing. Depending on your vehicle

model, you may need to remove covers or other components to access the existing bulb.

2. **Remove Old Bulb:** Carefully twist and pull out the old 9004 bulb from its socket. Disconnect any electrical connectors.
3. **Insert New LED Bulb:** Insert the SEALIGHT 9004 LED bulb into the housing. The 360° adjustable locking ring allows for proper alignment. Ensure the bulb is securely seated.
4. **Connect Power:** Connect the bulb's electrical connector to your vehicle's wiring harness. Ensure a secure connection.
5. **Test Functionality:** Turn on your vehicle's lights to verify that the new LED bulbs are functioning correctly.

The wireless design means there are no external drivers or ballasts to mount, simplifying the process. For specific vehicle models, refer to your vehicle's owner's manual for detailed instructions on accessing the bulb housing.

5 MINUTES INSTALLATION

SAVE TIME AND EFFORT

5 Mins



**EASY
INSTALLATION**



Figure 5.1: 5-Minute Quick Installation Guide

NO BALLAST

ONLY 5 MINUTES, EASY TO INSTALLATION



SEALIGHT™



Others



Figure 5.2: No External Ballast Required for SEALIGHT Bulbs

6. OPERATING INSTRUCTIONS

Once installed, the SEALIGHT 9004 S6 Series LED bulbs operate like your vehicle's standard headlights or fog lights. They provide immediate full brightness upon activation, unlike some traditional bulbs that require a warm-up period.

6.1 Beam Pattern and Visibility

The 1:1 light design ensures that the beam pattern closely mimics that of original halogen bulbs, preventing glare for oncoming traffic while maximizing illumination for the driver. The 6500K cool white light provides clear visibility, enhancing safety during night driving and in adverse weather conditions.



Figure 6.1: Enhanced Clarity and Detection with SEALIGHT S6 Fog Light Bulbs

6TH GENERATION UPGRADED

Improve performance and resolve installation issues

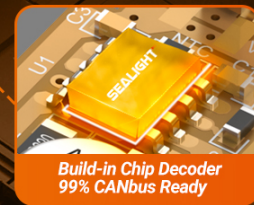


Figure 6.2: Perfect Beam Pattern for Safe Driving

7. MAINTENANCE

SEALIGHT 9004 S6 Series LED bulbs are designed for minimal maintenance due to their robust construction and advanced cooling system. The expected lifespan is over 60,000 hours, significantly reducing the need for frequent replacements.

7.1 Cooling System

The bulbs incorporate a hollow heat sink design and a 15,000 RPM turbo cooling fan to efficiently dissipate heat generated by the LED chips. This active cooling mechanism is crucial for maintaining optimal performance and extending the bulb's operational life.

60,000+ HRS LIFESPAN



Double-sided Copper Substrate Design



Built-in Driver Integrated Intelligent Temperature Control Function



15,000RPM Efficient Cooling Turbo Fan

Figure 7.1: Advanced Cooling System for Extended Lifespan

LESS HEAT

MORE BRIGHTNESS

Equipped with 15000RPM fan and Temperature controllers



Figure 7.2: Active Temperature Management

7.2 Cleaning

Periodically inspect the exterior of the bulbs and the headlight assembly for dirt or debris. Clean with a soft, damp cloth if necessary to ensure maximum light output. Avoid using abrasive cleaners or solvents.

8. TROUBLESHOOTING

If you encounter any issues with your SEALIGHT 9004 S6 Series LED bulbs, refer to the following common

troubleshooting steps:

Problem	Possible Cause	Solution
Bulb not turning on	Loose connection, incorrect installation, blown fuse, incompatible vehicle system.	Check all electrical connections. Ensure the bulb is correctly seated in the housing. Inspect vehicle fuses. Verify vehicle compatibility.
Flickering or intermittent operation	CANbus incompatibility, voltage fluctuations.	The S6 series is CANbus ready for 99% of vehicles. If flickering persists, an additional CANbus decoder may be required for some sensitive vehicle systems. Consult SEALIGHT support.
Error warning on dashboard	CANbus incompatibility (vehicle's computer detects incorrect resistance).	As with flickering, an external CANbus decoder might be needed for specific vehicles to resolve dashboard errors.
Radio interference	Electromagnetic interference (EMI) from the LED driver.	Ensure proper grounding. If the issue persists, contact SEALIGHT support for further assistance.

For any issues not covered here, or if troubleshooting steps do not resolve the problem, please contact SEALIGHT customer support.

9. WARRANTY AND SUPPORT

SEALIGHT is committed to providing high-quality products. For information regarding the warranty period and terms for your 9004 S6 Series LED bulbs, please refer to the product packaging or visit the official SEALIGHT website. Keep your proof of purchase for warranty claims.

9.1 Customer Support

If you require technical assistance, have questions about installation, or need to report a product issue, please contact SEALIGHT customer support through the Amazon messaging system or via the contact information provided on the official SEALIGHT website. You may also refer to the [User Manual \(PDF\)](#) for additional details.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question