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› OSRAM LEDriving® HL Gen2 H4 LED High/Low Beam Lamps User Manual

OSRAM 9726CW

OSRAM LEDriving® HL Gen2 H4 LED High/Low Beam Lamps User Manual

Model: 9726CW

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your OSRAM LEDriving® HL Gen2 H4 LED High/Low Beam Lamps. These lamps are designed to provide superior brightness and a cool white light for off-road applications. Please read this manual thoroughly before installation and use.

SAFETY INFORMATION

Important Safety Notice:

These products do not have ECE approval. This means they must not be used on public roads in any exterior application. Use on public roads leads to cancellation of operating license and loss of insurance coverage. Several countries do not allow sale and use of these products. Please contact your local distributor for information on the availability in your country.

- Always disconnect the vehicle's battery before performing any electrical work.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Ensure the lamps are securely mounted to prevent vibration damage.
- Do not touch the LED surface directly with bare hands.
- Keep out of reach of children.

PRODUCT OVERVIEW

The OSRAM LEDriving® HL Gen2 H4 LED lamps offer advanced lighting technology for enhanced visibility.

Key Features:

- **Cool White Color Temperature:** 6000K for a daylight effect and better visibility.
- **Superior Brightness:** Increased light output to see farther and react sooner.
- **Compact Design:** Very compact LED replacement for conventional H4 high and low beam lamps.

- **Reduced Glaring:** Optimized light distribution minimizes glare.
- **Long Operating Life:** Designed for durability with an operating life of 5000 hours.

What's in the Box:

- 2 x OSRAM LEDriving® HL Gen2 H4 LED Lamps

Product Components and Appearance:



Image: Two OSRAM LEDriving HL Gen2 H4 LED lamps shown alongside their retail packaging, highlighting the product and its presentation.



Image: A detailed close-up of one OSRAM LEDriving HL Gen2 H4 LED lamp, showing its base, heat sink, and LED chip arrangement.



Image: A single OSRAM LEDriving HL Gen2 H4 LED lamp shown emitting light, illustrating its cool white illumination.

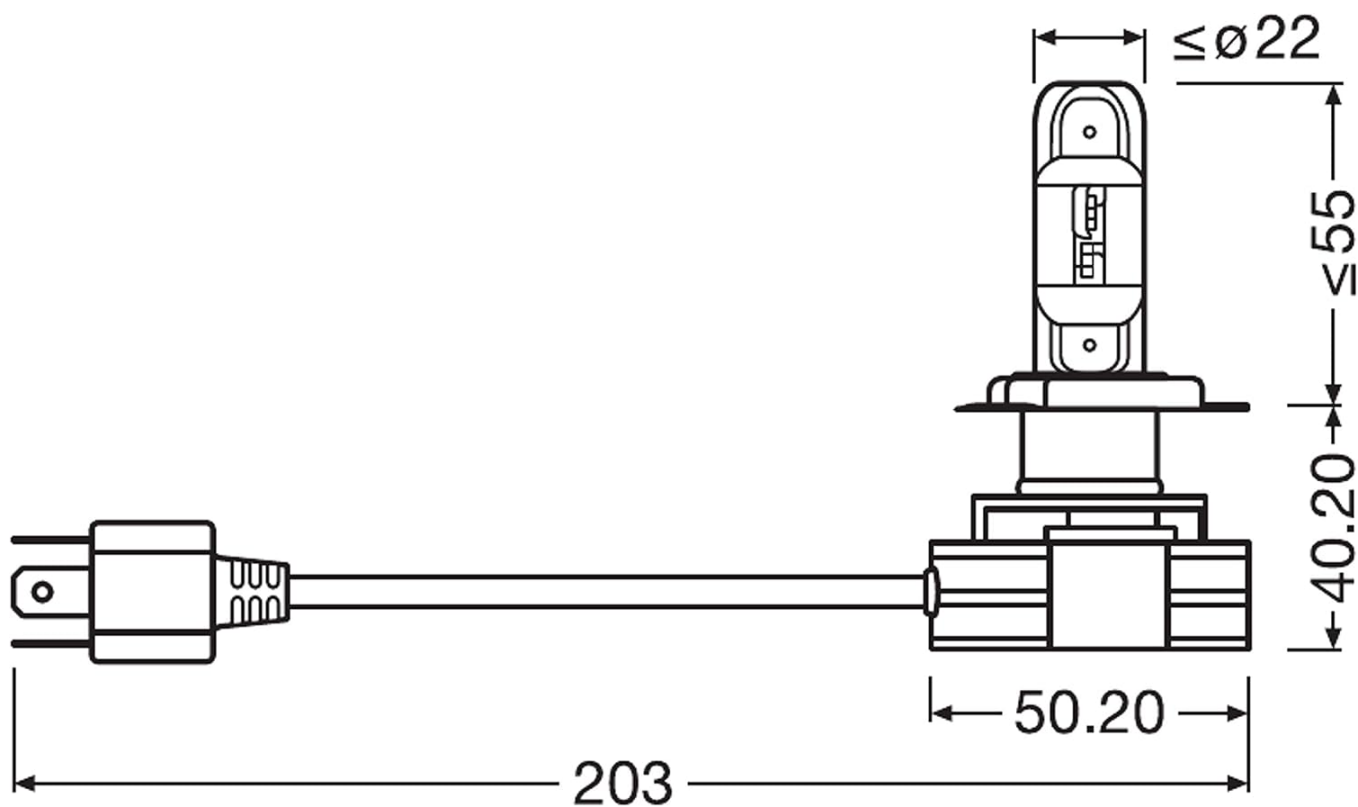


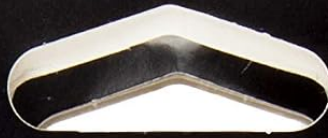
Image: A technical drawing providing precise measurements and dimensions of the OSRAM LEDDriving HL Gen2 H4 LED lamp, useful for fitment assessment.



Image: A car with its headlights on, demonstrating the bright, cool white light output of the OSRAM LEDDriving HL Gen2 H4 LED lamps in an automotive setting.

LED

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OSRAM

LEDDriving® HL

LED high and low beam lamp

**COOL
WHITE**

**6000
KELVIN**



**SUPERIOR
BRIGHTNESS**



≡ H4

**5 YEAR
OSRAM
GUARANTEE***

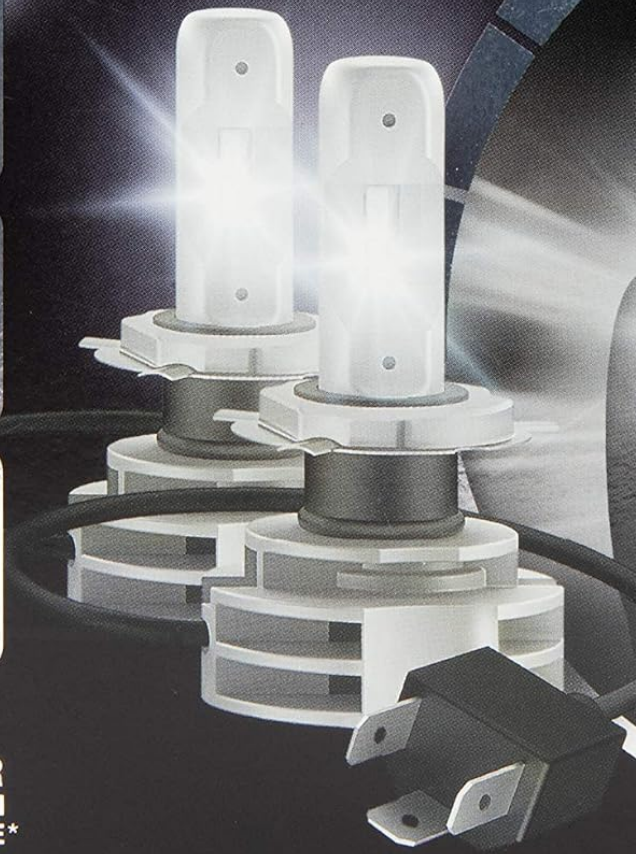


Image: The front of the OSRAM LEDDriving HL Gen2 H4 LED lamp retail box, showing branding and key product information.



Image: An angled view of the OSRAM LEDriving HL Gen2 H4 LED lamp retail box, providing a different perspective of the packaging design.

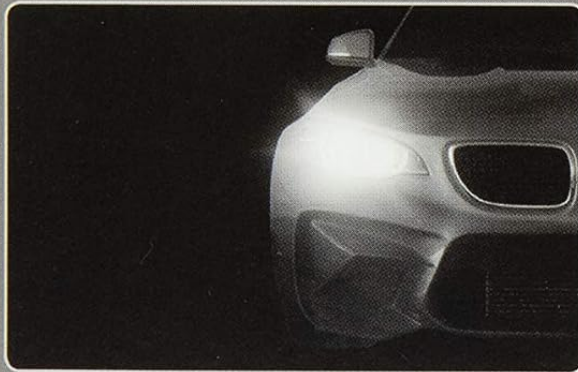
LED

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LIGHT COMPARISON



OSRAM LED high and low beam
6000 K



Halogen high and low beam
3000 K



EXTRA PERFORMANCE & REDUCED GLARE

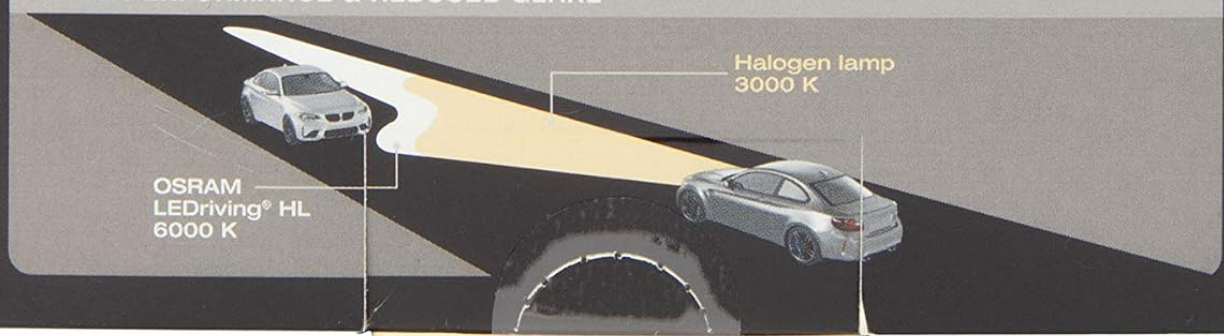


Image: The back of the OSRAM LEDriving HL Gen2 H4 LED lamp retail box, featuring a light comparison chart between LED and halogen lamps.



Image: A visual comparison demonstrating the difference in light output and color temperature between traditional halogen headlights and the OSRAM LEDDriving HL Gen2 LED headlights on a vehicle.

SETUP AND INSTALLATION

Installation of the OSRAM LEDDriving® HL Gen2 H4 LED lamps should be performed by a qualified professional or an experienced individual with knowledge of automotive electrical systems.

1. **Preparation:** Ensure the vehicle is turned off and the battery is disconnected. Allow existing halogen bulbs to cool down if recently used.
2. **Access:** Locate the headlight assembly in your vehicle. Depending on the vehicle model, this may require removing covers or other components.
3. **Remove Old Bulb:** Carefully remove the existing H4 halogen bulb from its socket. Note its orientation.
4. **Install LED Lamp:** Insert the OSRAM LEDDriving® HL Gen2 H4 LED lamp into the headlight housing, ensuring it is correctly seated and oriented. The compact design facilitates installation in many applications.
5. **Secure Connection:** Connect the LED lamp's electrical connector to the vehicle's wiring harness. Ensure a secure and proper connection.
6. **Test Functionality:** Reconnect the vehicle's battery and test the high and low beam functions to ensure proper operation.
7. **Final Assembly:** Reinstall any covers or components removed during the access step.

For vehicle-specific installation instructions, please consult your vehicle's owner's manual or a certified automotive technician. You can also check for compatibility and installation guides on the [OSRAM LED Check website](#).

OPERATING INSTRUCTIONS

The OSRAM LEDDriving® HL Gen2 H4 LED lamps function as direct replacements for conventional H4 high and low beam

lamps. Operation is controlled by your vehicle's existing headlight switch.

- **Low Beam:** Activates the low beam function, providing illumination for general driving without excessive glare to oncoming traffic.
- **High Beam:** Activates the high beam function, providing maximum illumination for improved visibility on unlit roads.

The 6000K cool white light provides a modern aesthetic and improved clarity compared to traditional halogen bulbs, enhancing your off-road driving experience.

MAINTENANCE

The OSRAM LEDriving® HL Gen2 H4 LED lamps are designed for long-term, maintenance-free operation with an expected operating life of 5000 hours.

- **Cleaning:** Periodically inspect the headlight lenses for dirt or debris. Clean with a soft cloth and appropriate automotive lens cleaner. Do not use abrasive materials.
- **Inspection:** Regularly check the lamps for any signs of damage or loose connections.
- **Replacement:** Due to their long lifespan, frequent replacement is not anticipated. If a lamp fails, replace it with another OSRAM LEDriving® HL Gen2 H4 LED lamp to ensure consistent performance.

TROUBLESHOOTING

If you experience issues with your OSRAM LEDriving® HL Gen2 H4 LED lamps, consider the following:

Problem	Possible Cause	Solution
Lamp does not illuminate	Loose connection, incorrect installation, vehicle fuse blown, faulty lamp.	Check all electrical connections. Ensure correct polarity. Inspect vehicle fuses. If issues persist, consult a professional.
Light pattern is incorrect or scattered	Improper lamp seating in housing, incorrect lamp orientation.	Re-seat the lamp, ensuring it is fully inserted and correctly oriented in the headlight assembly.
Flickering or intermittent operation	Unstable voltage, loose connection, compatibility issue (less common with direct replacements).	Verify stable voltage supply. Check connections. If flickering persists, professional diagnosis may be required.

If you are unable to resolve an issue, it is recommended to seek assistance from a certified automotive technician.

SPECIFICATIONS

Attribute	Value
Brand	OSRAM
Model	LEDriving® HL Gen2, H4 (9726CW)
Specific Uses For Product	Lamps (Off-road only)
Brightness	900 Lumen

Attribute	Value
Color Temperature	6000K (Cool White)
Item Package Quantity	1 (contains 2 lamps)
Auto Part Position	Front
Operating Life	5000 Hours
Voltage	12.24 Volts
Mirror Lighting Type	LED
Item Weight	7.9 ounces
Product Dimensions	7.99 x 7.99 x 7.99 inches
GTIN	04052899605121

WARRANTY AND SUPPORT

OSRAM provides a **5-year guarantee** for the LEDDriving® HL Gen2 H4 LED lamps. Please retain your proof of purchase for warranty claims.

For further support, product information, or to check compatibility for your vehicle, please visit the official OSRAM website or the [OSRAM Store on Amazon](#).

You can also use the OSRAM LED Check tool for compatibility information:<http://qr.osram.info/ledcheck>