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## OSRAM 64427 S

# OSRAM 64427 S Halogen Bulb User Manual

Model: 64427 S | Brand: OSRAM

## INTRODUCTION

This manual provides essential information for the safe and effective use of your OSRAM 64427 S Halogen Bulb. Please read these instructions carefully before installation and operation. This halogen bulb is designed for brilliant accent lighting and offers extremely small dimensions, allowing for flexibility in luminaire design. It operates at 12 volts and has an average life of 4000 hours.



Image: The OSRAM 64427 S Halogen Bulb displayed in its blue and white retail packaging, highlighting its 20W, 12V, and 300lm specifications.

## SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage:

- **Risk of Electric Shock:** Always disconnect power to the fixture before installing, removing, or servicing the bulb.
- **Risk of Burns:** Halogen bulbs operate at high temperatures. Allow the bulb to cool completely before handling. Do not touch the bulb with bare hands during or immediately after operation.
- **Proper Handling:** Avoid touching the glass part of the bulb directly with your fingers. Oils from your skin can create hot spots, leading to premature failure. Use a clean cloth or gloves when handling.
- **Correct Voltage:** Ensure the fixture's voltage matches the bulb's voltage (12V). Using an incorrect voltage can damage the bulb or the fixture.
- **Dimmable:** This bulb is dimmable. Ensure your dimmer switch is compatible with low-voltage halogen bulbs.
- **Disposal:** Dispose of used bulbs according to local regulations.

## SETUP AND INSTALLATION

Follow these steps for safe and proper installation:

1. **Power Off:** Turn off the power supply to the light fixture at the circuit breaker or fuse box.
2. **Cool Down:** If replacing an old bulb, ensure it has cooled down completely before touching it.
3. **Remove Old Bulb:** Carefully remove the old bulb from the fixture. For GY6.35 base bulbs, gently pull the bulb straight out

from its socket.

4. **Handle New Bulb:** Using a clean cloth or gloves, carefully remove the new OSRAM 64427 S Halogen Bulb from its packaging. Avoid touching the glass envelope with bare hands.
5. **Insert New Bulb:** Align the two pins of the GY6.35 base with the holes in the socket. Gently push the bulb straight into the socket until it is firmly seated. Do not force it.
6. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.
7. **Test:** Turn on the light switch to confirm the bulb is working correctly.



Image: A close-up view of the OSRAM 64427 S Halogen Bulb, showing its GY6.35 bi-pin base and the clear glass envelope, with part of its packaging visible in the background.

## OPERATING INSTRUCTIONS

The OSRAM 64427 S Halogen Bulb is designed for simple operation once installed:

- **Standard Operation:** Turn on the light switch connected to the fixture to illuminate the bulb.
- **Dimming:** If connected to a compatible dimmer switch, adjust the dimmer to achieve the desired light intensity. This bulb is fully dimmable.
- **Warm-up Time:** Halogen bulbs provide instant full brightness with no warm-up time required.

## MAINTENANCE

Minimal maintenance is required for your OSRAM halogen bulb:

- **Cleaning:** If the bulb becomes dusty, ensure the power is off and the bulb is cool. Gently wipe the glass with a clean, dry, lint-free cloth. Do not use liquid cleaners.
- **Replacement:** Replace the bulb when it reaches the end of its operational life (average 4000 hours) or if it fails prematurely. Always follow the installation steps when replacing.

## TROUBLESHOOTING

If your OSRAM 64427 S Halogen Bulb is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to fixture. Bulb not properly seated. Bulb has reached end of life. Incorrect voltage.	Check circuit breaker/fuse. Ensure bulb is fully inserted into socket. Replace bulb. Verify fixture voltage is 12V.
Bulb flickers or dims unexpectedly.	Loose connection. Incompatible dimmer switch. Voltage fluctuations.	Ensure bulb is firmly seated. Check dimmer compatibility with low-voltage halogen. Consult an electrician for voltage issues.
Bulb burns out quickly.	Frequent handling of glass with bare hands. Over-voltage. Excessive vibration.	Always use a cloth or gloves when handling. Verify fixture voltage is 12V. Ensure fixture is stable and not subject to constant shaking.

Problem	Possible Cause	Solution
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## SPECIFICATIONS

Detailed technical specifications for the OSRAM 64427 S Halogen Bulb:

<b>Brand</b>	OSRAM
<b>Model Number</b>	64427 S
<b>Light Type</b>	Halogen
<b>Wattage</b>	20 watts
<b>Voltage</b>	12 volts
<b>Base Type</b>	GY6.35
<b>Brightness</b>	290 Lumens
<b>Color Temperature</b>	3000 Kelvin (warm white)
<b>Average Life</b>	4000 Hours
<b>Dimmable</b>	Yes
<b>Material</b>	Copper
<b>Product Dimensions</b>	0.91 x 0.98 x 2.76 inches
<b>Item Weight</b>	0.145 ounces (approx. 4.1 grams)
<b>Color Rendering Index (CRI)</b>	100

## WARRANTY AND SUPPORT

For warranty information or technical support regarding your OSRAM 64427 S Halogen Bulb, please refer to the official OSRAM website or contact their customer service. Keep your purchase receipt as proof of purchase.

You can visit the official OSRAM store on Amazon for more information: [OSRAM Store](#)

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This manual is for informational purposes only. Specifications are subject to change without notice.

