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OSRAM 64440

OSRAM 64440 Halogen 12V 50W Bulb Instruction Manual

INTRODUCTION

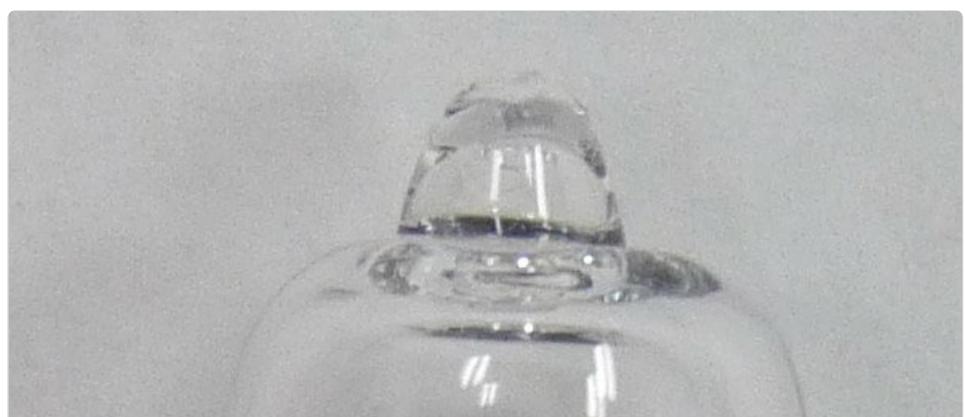
This manual provides essential information for the safe and effective use of your OSRAM 64440 (58675) Halogen 12V 50W bulb. Please read these instructions carefully before installation and retain them for future reference.

SAFETY INFORMATION

- **Power Disconnection:** Always ensure the power supply to the fixture is turned off before installing, removing, or handling the bulb.
- **Cool Down Period:** Halogen bulbs operate at high temperatures. Allow the bulb to cool completely before touching it to prevent burns.
- **Avoid Direct Contact:** Do not touch the glass part of the bulb with bare hands. Oils from your skin can create hot spots, leading to premature bulb failure. Use a clean cloth or gloves when handling.
- **Correct Voltage and Wattage:** Ensure the bulb's voltage (12V) and wattage (50W) match the requirements of your lighting fixture. Using an incorrect bulb can cause damage or fire.
- **Proper Disposal:** Dispose of used bulbs according to local regulations.
- **Indoor Use:** This bulb is designed for indoor use in appropriate fixtures.

PRODUCT OVERVIEW

The OSRAM 64440 (58675) is a 12-volt, 50-watt halogen bulb featuring a T4 shape and a GY6.35 bi-pin base. It provides 910 lumens of clear light with a color temperature of 3000 Kelvin, offering a warm white illumination. The bulb has a rated lifespan of approximately 2000 hours and is designed for universal burning position.



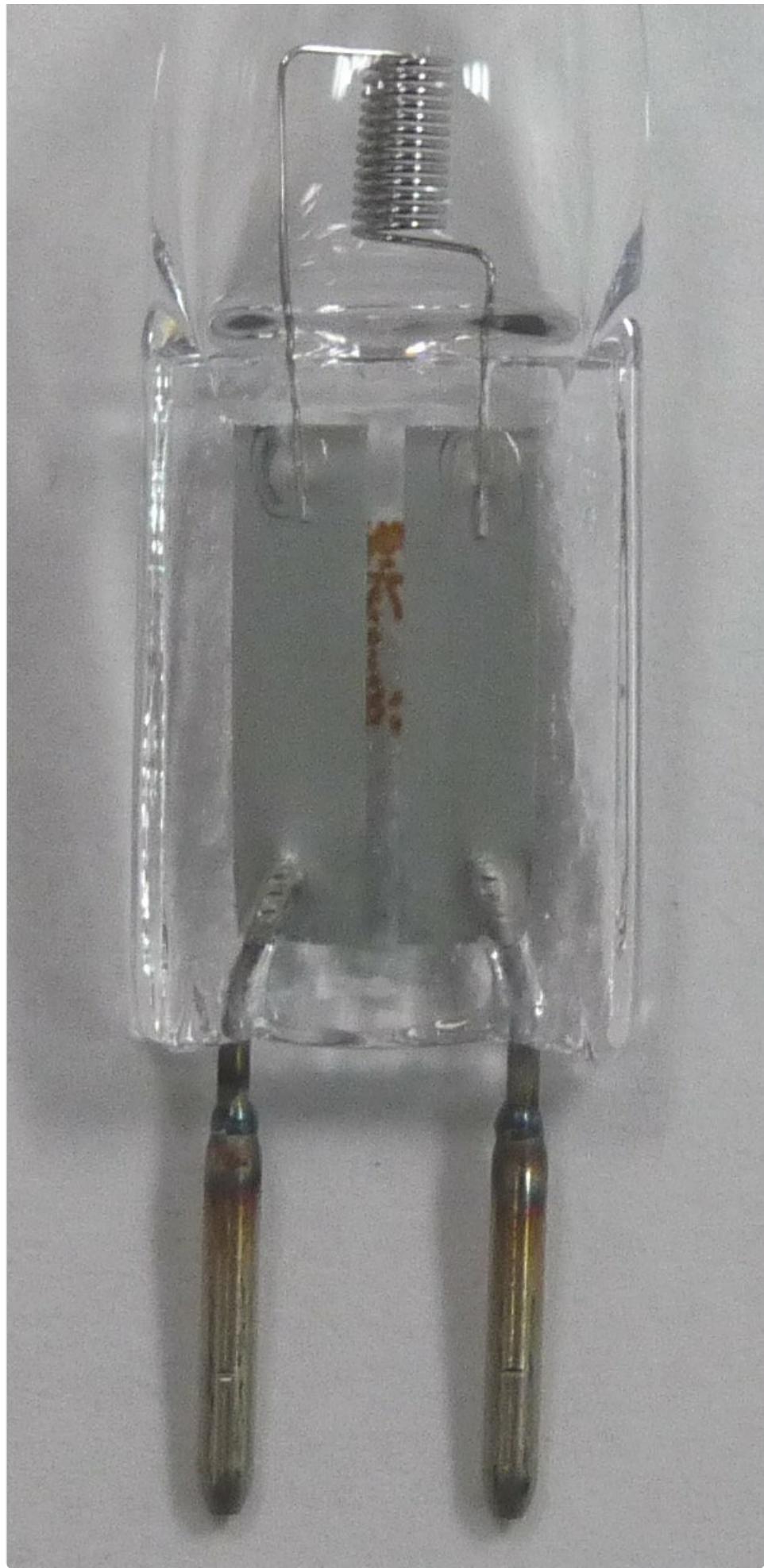


Figure 1: OSRAM 64440 Halogen 12V 50W bulb. This image displays a clear glass halogen bulb with a GY6.35 bi-pin base, showing the internal filament structure and the two metal pins for electrical connection.

SETUP AND INSTALLATION

- Turn Off Power:** Locate the light fixture's power switch and turn it off. For added safety, turn off the circuit breaker supplying power to the fixture.
- Allow to Cool:** If replacing an existing bulb, allow the old bulb to cool down completely before touching it.
- Remove Old Bulb (if applicable):** Gently pull the old bi-pin bulb straight out from its socket. Do not twist.
- Handle New Bulb:** Using a clean cloth or gloves, carefully remove the new OSRAM 64440 bulb from its packaging. Avoid touching the glass envelope with bare hands.
- Insert New Bulb:** Align the two pins of the new bulb with the holes in the GY6.35 socket. Gently push the bulb straight into the socket until it is fully seated. Do not force it.
- Restore Power:** Turn the circuit breaker back on, then turn on the light fixture's switch to test the new bulb.

OPERATION

Once installed, the OSRAM 64440 halogen bulb operates by simply turning on the power switch of the connected fixture. This bulb is designed for instant full brightness. Ensure the fixture is rated for 12V and 50W halogen bulbs.

MAINTENANCE

- Cleaning:** If the bulb's glass becomes dirty, turn off the power and allow it to cool. Gently wipe the glass with a clean, dry, lint-free cloth. Do not use liquid cleaners.
- Replacement:** The bulb has an average rated life of 2000 hours. Replace the bulb when it burns out or if its light output significantly diminishes. Follow the installation steps for replacement.

TROUBLESHOOTING

- Bulb Does Not Light:**
 - Check if the power supply to the fixture is on.
 - Ensure the bulb is correctly seated in the socket.
 - Verify that the bulb's voltage and wattage match the fixture's requirements.
 - Test with a known working bulb to rule out a fixture issue.
 - The bulb may have reached the end of its lifespan and requires replacement.
- Bulb Flickers:**
 - Ensure the bulb is securely seated in the socket.
 - Check for loose wiring in the fixture (consult a qualified electrician if unsure).
 - If used with a dimmer, ensure the dimmer is compatible with halogen bulbs and rated for the total wattage.

SPECIFICATIONS

Feature	Detail
Brand	OSRAM
Model Number	64440 (also known as 58675)
Light Type	Halogen

Feature	Detail
Voltage	12 Volts
Wattage	50 Watts
Amperage	4.17 Amps
Bulb Shape Size	T4
Bulb Base	GY6.35 Bi-Pin
Finish	Clear
Rated Lifespan	2000 Hours
Lumen Output	910 Lumens
Color Temperature	3000 Kelvin
Filament Type	C-6
Diameter	1/2 inch (12mm)
Maximum Overall Length (MOL)	1 3/4 inches (44mm)
Light Center Length (LCL)	1 3/16 inches (30mm)
Burning Position	Universal

WARRANTY AND SUPPORT

For warranty information or technical support regarding your OSRAM 64440 halogen bulb, please refer to the packaging or contact OSRAM customer service directly. You may also contact the retailer from whom the product was purchased for assistance.

For more information, you can visit the official OSRAM store:[OSRAM Store on Amazon](#).



Related Documents - 64440



[OSRAM COOL BLUE H4 64193CB-01B Automotive Halogen Bulb - 130 Autogoods](#)

Find detailed specifications and features for the OSRAM COOL BLUE H4 64193CB-01B automotive halogen bulb. Available at 130 Internet Store of Autogoods, offering a wide range of car accessories and lighting.



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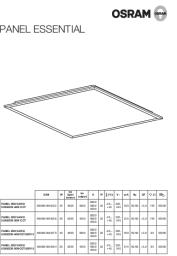
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[OSRAM PANEL ESSENTIAL CCT LED Luminaires - Technical Specifications and Installation Guide](#)

Detailed technical specifications, features, and installation instructions for OSRAM PANEL ESSENTIAL CCT LED luminaires, including models like PANEL ESS VARIO 60X60CM.