

SYLVANIA 67504

SYLVANIA 67504 LU70/MED 70-Watt High Pressure Sodium HID Light Bulb Instruction Manual

Model: 67504 LU70/MED

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your SYLVANIA 67504 LU70/MED 70-Watt High Pressure Sodium (HPS) HID Light Bulb. This bulb is designed for applications requiring high luminous efficacy and long life, producing 6300 lumens with a 1900K color temperature and utilizing an E26 medium screw base.

2. SAFETY INFORMATION

Read and understand all instructions before installation or operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Hazard:** Always disconnect power to the fixture before inspecting, installing, or removing the bulb.
- **High Temperature:** HID bulbs operate at high temperatures. Allow the bulb to cool completely before handling. Do not touch the bulb with bare hands during operation or immediately after shutdown.
- **Ballast Requirement:** This bulb requires a compatible 70-watt High Pressure Sodium ballast for proper operation. Do not operate without a ballast or with an incompatible ballast.
- **Fixture Compatibility:** Ensure the fixture is rated for the wattage and type of this bulb and is enclosed if required by the bulb's operating position.
- **UV Radiation:** HID lamps produce UV radiation. Use in fixtures designed to filter UV if prolonged exposure is a concern.
- **Mercury Content:** This product contains mercury. Dispose of in accordance with local, state, and federal laws. Visit www.epa.gov/mercury for disposal information.
- **Lamp Rupture:** Avoid striking or dropping the bulb. Operate only in suitable fixtures to prevent lamp rupture.

3. SETUP AND INSTALLATION

1. **Power Disconnection:** Ensure the power supply to the lighting fixture is completely turned off at the circuit breaker or fuse box before beginning installation.
2. **Fixture Inspection:** Verify that the lighting fixture is clean, dry, and free from damage. Confirm it is designed for an E26 medium screw base and a 70-watt HPS bulb.

3. **Bulb Handling:** Remove the new SYLVANIA HPS bulb from its packaging. Handle the bulb by its base, avoiding direct contact with the glass envelope. Oils from skin can create hot spots and reduce bulb life. If the glass is touched, clean it with a clean, lint-free cloth.
4. **Installation:** Carefully screw the bulb into the E26 medium screw base socket until it is finger-tight. Do not overtighten.
5. **Power Restoration:** Once the bulb is securely installed, restore power to the fixture.



Figure 1: The SYLVANIA 67504 LU70/MED 70-Watt High Pressure Sodium HID Light Bulb. This image displays the clear glass envelope, the internal arc tube, and the E26 medium screw base, ready for installation into a compatible fixture.

4. OPERATION

- **Warm-up Time:** Upon initial ignition or after a power interruption, the bulb will require a warm-up period to reach full brightness and stable color. This typically takes 5-10 minutes for HPS lamps.
- **Restrike Time:** If the bulb is turned off, it must cool down before it can be reignited. This "restrike" period can take 5-15 minutes, depending on the ambient temperature and the specific ballast. Attempting to restrike too soon may prevent

ignition or shorten bulb life.

- **Light Output:** The SYLVANIA 67504 produces 6300 lumens of light with a characteristic warm, yellowish-orange glow (1900K color temperature), typical of High Pressure Sodium lamps.



Figure 2: A side profile of the SYLVANIA 70-Watt HPS bulb, showcasing its elongated shape and the internal components. This view helps in understanding the bulb's physical dimensions and design.

5. MAINTENANCE

- **Cleaning:** Periodically, with the power off and the bulb cool, gently wipe the exterior of the bulb and fixture reflector with a soft, dry, lint-free cloth to remove dust and debris. Do not use liquid cleaners directly on the bulb.
- **Replacement:** HPS bulbs have a long operational life, but light output gradually decreases over time. Replace the bulb when light output becomes noticeably dim or when the bulb fails to ignite or maintain a stable arc.
- **Disposal:** Due to mercury content, dispose of spent bulbs according to local environmental regulations. Do not dispose of in regular household waste.



Figure 3: A detailed view of the SYLVANIA 70-Watt HPS bulb, emphasizing the E26 medium screw base. This image is useful for confirming the correct base type for replacement or installation.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light	No power to fixture, incorrect ballast, loose connection, faulty bulb, end of bulb life.	Check power supply. Verify ballast compatibility. Ensure bulb is screwed in tightly. Replace bulb if old or damaged. Consult an electrician if wiring issues are suspected.
Bulb flickers or cycles on/off	End of bulb life, incorrect ballast, voltage fluctuations.	Replace bulb. Verify ballast compatibility. Check power supply for stable voltage.
Dim light output	End of bulb life, dirty bulb/reflector, incorrect ballast.	Replace bulb. Clean bulb and reflector (power off, bulb cool). Verify ballast compatibility.
Bulb takes too long to warm up or restrike	Normal operation for HID, aging bulb, low ambient temperature.	Allow sufficient warm-up/restrike time. Replace bulb if excessively slow. Ensure operating temperature is within recommended range.

7. SPECIFICATIONS

Feature	Specification
Brand	SYLVANIA
Model Number	67504 (LU70/MED)
Light Type	High Pressure Sodium (HPS)

Feature	Specification
Wattage	70 Watts
Brightness	6300 Lumens
Color Temperature	1900 Kelvin
Bulb Base	E26 Medium Screw Base
Bulb Shape Size	E17
Voltage	120 Volts (Ballast Dependent)
Control Method	App (Note: This refers to the system control, not the bulb itself)
Product Dimensions	6.2 x 3 x 3 inches
Item Weight	3.8 Pounds (for 12-pack)
UPC	688713556122

8. WARRANTY INFORMATION

Warranty information for the SYLVANIA 67504 LU70/MED 70-Watt High Pressure Sodium HID Light Bulb is not provided within this manual. For details regarding product warranty, please refer to the original product packaging, the official SYLVANIA website, or contact your point of purchase.

9. CUSTOMER SUPPORT

For technical assistance, product inquiries, or further support, please visit the official SYLVANIA website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

ASK A QUESTION ABOUT THIS MANUAL

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.

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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