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› Sylvania 67559 LU100/PLUS/ECO 100-Watt High Pressure Sodium HID Light Bulb Instruction Manual

SYLVANIA 67559

Sylvania 67559 LU100/PLUS/ECO 100-Watt High Pressure Sodium HID Light Bulb Instruction Manual

Model: 67559 | Brand: SYLVANIA

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Sylvania 67559 LU100/PLUS/ECO 100-Watt High Pressure Sodium (HPS) HID Light Bulb. This bulb is designed for industrial and commercial applications requiring high light output and efficiency, such as street lighting, warehouses, and floodlights. Please read these instructions thoroughly before use.

2. SAFETY INFORMATION

- **Electrical Hazard:** Always disconnect power to the fixture before installing, removing, or servicing the bulb. Failure to do so may result in electric shock or serious injury.
- **High Temperature:** HID bulbs operate at high temperatures. Allow the bulb to cool completely before handling. Contact with a hot bulb can cause severe burns.
- **Proper Ballast Required:** This HPS bulb requires a compatible ballast for proper operation. Using an incorrect ballast can damage the bulb or the fixture and poses a fire risk.
- **Eye Protection:** Do not look directly at an operating HID bulb. The intense light can cause eye damage.
- **Disposal:** Dispose of used bulbs according to local regulations. HPS bulbs may contain small amounts of mercury.
- **Fixture Compatibility:** Ensure the fixture is rated for the wattage and type of this bulb and has adequate ventilation.

3. SETUP AND INSTALLATION

1. **Power Disconnection:** Turn off the power supply to the lighting fixture at the circuit breaker or fuse box. Verify that the power is off before proceeding.
2. **Cool Down:** If replacing an existing bulb, allow the old bulb to cool down completely before touching it.
3. **Inspect Fixture:** Check the fixture and socket for any damage or wear. Ensure the E39 Mogul base socket is clean and free of debris.
4. **Install Bulb:** Carefully screw the Sylvania HPS bulb into the E39 Mogul base socket. Do not overtighten. Ensure the bulb is seated firmly. Avoid touching the glass envelope with bare hands; oils from skin can create hot spots and reduce bulb life. If

touched, clean with a soft, lint-free cloth.

5. **Power Connection:** Restore power to the fixture.



A clear image of the Sylvania 100-Watt High Pressure Sodium HID Light Bulb, showing its E39 Mogul base and the internal arc tube.

4. OPERATING INSTRUCTIONS

- **Initial Start-up:** Upon first ignition, HPS bulbs require a warm-up period to reach full brightness and color stability. This typically takes several minutes.
- **Re-strike Time:** If the bulb is turned off, it will require a cool-down period before it can be re-ignited. This re-strike time can range from 5 to 15 minutes, depending on the bulb and ambient temperature.
- **Normal Operation:** Once warmed up, the bulb will provide consistent light output.

5. MAINTENANCE

- **Cleaning:** Ensure the bulb is cool and power is disconnected before cleaning. Gently wipe the outer glass envelope with a soft, dry, lint-free cloth to remove dust or dirt. Do not use abrasive cleaners or liquids.
- **Replacement:** Replace the bulb when it reaches its end of life, indicated by flickering, dimming, or failure to ignite. Refer to the specifications for expected life hours.
- **Fixture Inspection:** Periodically inspect the fixture, wiring, and ballast for any signs of wear, damage, or overheating.

6. TROUBLESHOOTING

- **Bulb Does Not Light:**
 - Check if power is supplied to the fixture.
 - Ensure the bulb is securely screwed into the socket.
 - Verify that the ballast is functioning correctly and is compatible with the bulb.
 - Inspect the bulb for any visible damage (e.g., broken arc tube).
- **Bulb Flickers or Cycles On/Off:**
 - This can indicate an aging bulb nearing its end of life.
 - Check for proper voltage supply to the ballast.
 - Ensure the ballast is not overheating.
- **Dim Light Output:**
 - The bulb may be nearing its end of life.
 - Ensure the fixture reflector and bulb are clean.

If troubleshooting steps do not resolve the issue, consult a qualified electrician or contact SYLVANIA customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	SYLVANIA
Model Number	67559 (LU100/PLUS/ECO)
Light Type	High Pressure Sodium (HPS)
Wattage	100 Watts
Brightness	9800 Lumens
Color Temperature	2100 Kelvin
Bulb Base	E39 Mogul Base
Bulb Shape Size	ED23
Voltage	120 Volts (Requires compatible ballast)
Rated Life	24,000 Hours
Material	Sodium

Feature	Specification
Product Dimensions	7.4 x 3 x 2.9 inches
Item Weight	9.6 ounces
UPC	688713556634

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the documentation included with your purchase or visit the official SYLVANIA website. For technical support or further assistance, please contact SYLVANIA customer service.
SYLVANIA Website: [Visit the SYLVANIA Store on Amazon](#)

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.

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