

SYLVANIA 64471

SYLVANIA 64471 M175/U 175 Watt Metal Halide Light Bulb Instruction Manual

Model: 64471 | Brand: SYLVANIA

INTRODUCTION

This manual provides essential information for the safe and effective use of your SYLVANIA 64471 M175/U 175 Watt Metal Halide Light Bulb. This high-intensity discharge (HID) bulb is designed for general lighting applications, offering a clear finish and a color temperature of 4200K. Please read all instructions carefully before installation and operation.

IMPORTANT SAFETY INFORMATION

WARNING: Metal Halide lamps operate at high temperatures and pressures. Failure to follow these safety instructions may result in personal injury, property damage, or reduced lamp life.

- **Risk of Fire or Burns:** Allow lamp to cool completely before handling. Do not touch hot lamp. Keep combustible materials away from the lamp.
- **Risk of Electric Shock:** Disconnect power before installing, removing, or servicing the lamp. Ensure the fixture is properly grounded.
- **Lamp Rupture Hazard:**
 - Operate only in suitable enclosed fixtures with a protective lens to contain hot lamp fragments in case of rupture.
 - Do not exceed rated voltage.
 - Do not use with dimmers.
 - Do not operate if the outer envelope is broken, scratched, or cracked.
 - Avoid sudden temperature changes.
 - Do not strike or drop the lamp.
- **UV Radiation:** This lamp produces UV radiation. Prolonged exposure may cause skin or eye irritation. Use in fixtures designed to filter UV radiation or where exposure is limited.
- **Proper Ballast Required:** This lamp requires a compatible 175W Metal Halide ballast for proper operation. Using an incorrect ballast will damage the lamp and may create a fire hazard.
- **Disposal:** Dispose of lamps in accordance with local regulations. Metal halide lamps contain mercury.

PRODUCT OVERVIEW

The SYLVANIA 64471 M175/U is a 175-watt Metal Halide lamp designed for robust performance in various lighting environments. Key features include:

- **Wattage:** 175 Watts
- **Bulb Shape Size:** BT28
- **Bulb Base:** Mogul Screw (E39)
- **Color Temperature:** 4200 Kelvin (Daylight White)
- **Brightness:** 12800 Lumens
- **Average Lifetime:** 7500 Hours
- **Color Rendering Index (CRI):** 65
- **Finish:** Clear
- **Usage:** Indoor/Outdoor (when used in appropriate enclosed fixtures)

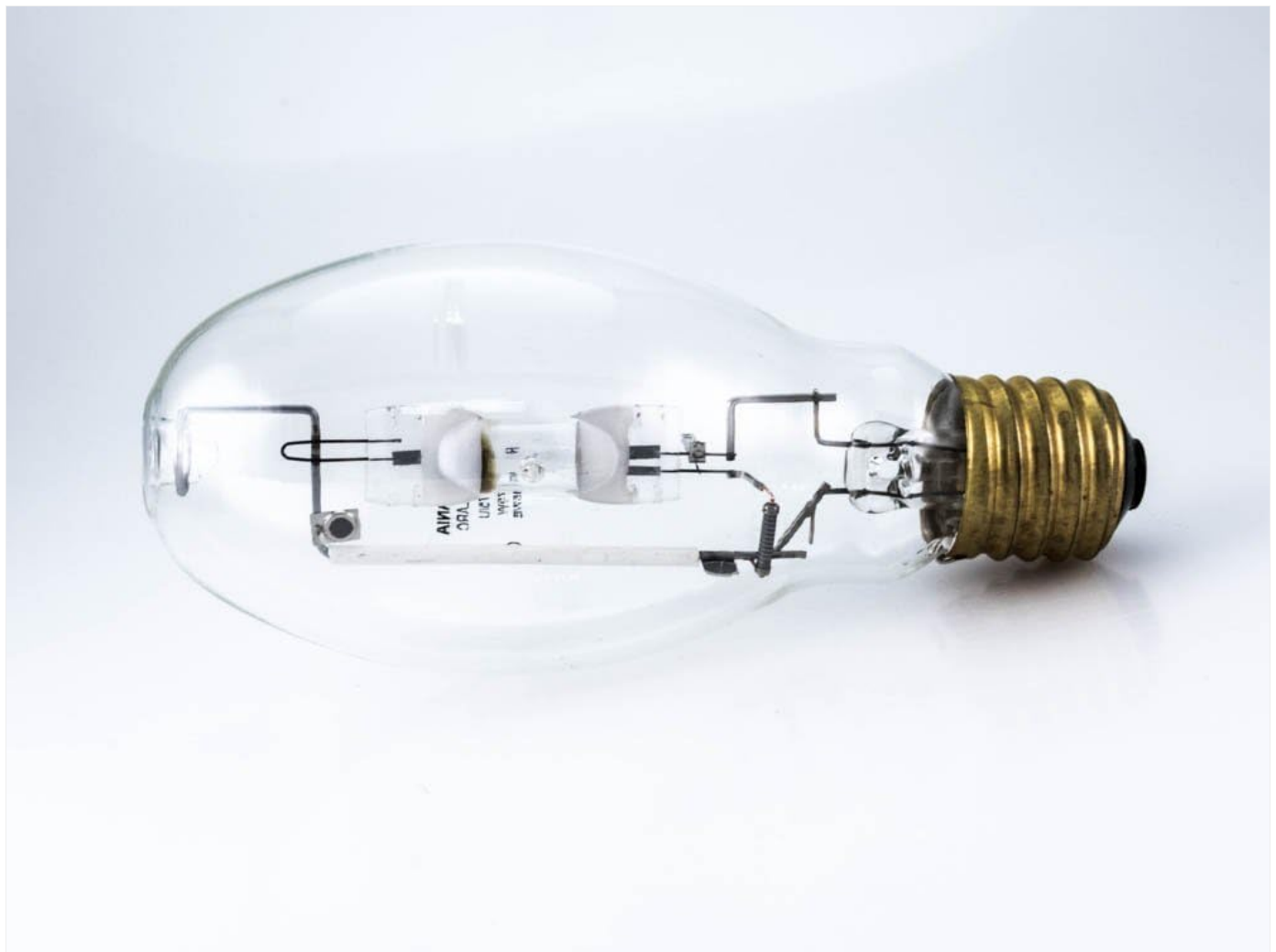


Image 1: Front view of the SYLVANIA 64471 M175/U Metal Halide Light Bulb, showing its clear glass envelope and internal arc tube structure.

SETUP AND INSTALLATION

1. **Power Disconnection:** Before attempting any installation, ensure the power supply to the fixture is completely disconnected at the circuit breaker or fuse box.
2. **Fixture Compatibility:** Verify that your lighting fixture is designed for 175-watt Metal Halide lamps and has a Mogul Screw (E39) base. The fixture must be enclosed and rated for HID lamps.

3. **Ballast Check:** Confirm that the fixture contains a compatible 175W Metal Halide ballast. Do not use with incandescent or fluorescent ballasts.
4. **Lamp Installation:** Carefully screw the SYLVANIA 64471 M175/U bulb into the E39 socket. Turn clockwise until snug. Do not overtighten.
5. **Protective Lens:** Ensure the fixture's protective lens or cover is securely in place before restoring power.
6. **Power Restoration:** Once the lamp is securely installed and the fixture is closed, restore power to the circuit.



Image 2: Side view of the SYLVANIA 64471 M175/U Metal Halide Light Bulb, highlighting the Mogul Screw (E39) base for proper installation.

OPERATING INSTRUCTIONS

After proper installation and power restoration, the lamp will ignite. Metal halide lamps require a warm-up period to reach full brightness and color stability.

- **Warm-up Time:** The lamp will typically take 2-5 minutes to reach full light output and color.
- **Restrike Time:** If the lamp is turned off, it requires a cool-down period (typically 5-15 minutes) before it can be reignited. Attempting to reignite a hot lamp too soon may prevent it from starting or reduce its life.
- **Normal Operation:** Once warmed up, the lamp will provide consistent, bright illumination.

MAINTENANCE

- **Cleaning:** Ensure power is off and the lamp is cool before cleaning. Gently wipe the outer glass envelope with a clean, dry,

lint-free cloth. Do not use abrasive cleaners or liquids directly on the lamp.

- **Replacement:** Replace the lamp when it reaches its average rated life (7500 hours), shows signs of flickering, or fails to ignite consistently. Always replace with a lamp of the same type and wattage.
- **Fixture Inspection:** Periodically inspect the fixture, wiring, and ballast for any signs of wear, damage, or corrosion.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lamp does not light	No power to fixture	Check circuit breaker/fuse
	Lamp not screwed in properly	Ensure lamp is snug in socket
	Incorrect or faulty ballast	Verify ballast compatibility; test/replace ballast
	Lamp has reached end of life	Replace lamp
	Broken filament or arc tube	Replace lamp
Lamp flickers or cycles on/off	Lamp nearing end of life	Replace lamp
	Incorrect or failing ballast	Test/replace ballast
	Low voltage	Consult an electrician
Reduced light output	Lamp nearing end of life	Replace lamp
	Dirty lamp or fixture lens	Clean lamp and fixture lens

SPECIFICATIONS

Brand	SYLVANIA
Model Number	64471
Light Type	Metal Halide
Wattage	175 Watts
Bulb Shape Size	BT28
Bulb Base	E39 (Mogul Screw)
Incandescent Equivalent Wattage	800 Watts
Light Color	Daylight White
Voltage	120 Volts
Color Temperature	4200 Kelvin
Brightness	12800 Lumens
Shape	BT28
Material	Metal
Indoor/Outdoor Usage	Indoor, Outdoor (in appropriate fixture)
Power Source	Corded Electric (via ballast)
Color Rendering Index (CRI)	65

Average Life	7500 Hours
Product Dimensions	7 x 5 x 6 inches
Item Weight	6.4 ounces
UPC	046135644719



Image 3: Close-up view of the Mogul Screw (E39) base of the SYLVANIA 64471 M175/U Metal Halide Light Bulb.

WARRANTY AND SUPPORT

Specific warranty information for the SYLVANIA 64471 M175/U Metal Halide Light Bulb is not provided in the product details. For warranty claims, technical support, or further assistance, please contact SYLVANIA customer service directly or refer to their official website.

You can visit the official SYLVANIA store for more information:[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.

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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