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> OSRAM ELH MR16 Halogen Light Bulb User Manual

OSRAM A24345301AC

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Brand: OSRAM | Model: A24345301AC

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your OSRAM ELH MR16 Halogen Light Bulb. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product.

2. SAFETY INFORMATION

- High Temperature:** Halogen bulbs operate at high temperatures. Avoid touching the bulb directly during operation or immediately after turning it off. Allow sufficient time for the bulb to cool before handling.
- Handle with Care:** Do not touch the glass part of the bulb with bare hands. Oils from your skin can create hot spots, leading to premature failure. Use a clean cloth or gloves when handling.
- Voltage Compatibility:** Ensure the bulb's voltage (120V) matches the power supply of your fixture. Incorrect voltage can damage the bulb or the fixture.
- Proper Disposal:** Dispose of used or broken bulbs according to local regulations.
- Indoor Use Only:** This bulb is designed for indoor applications.

3. PRODUCT OVERVIEW

The OSRAM ELH MR16 is a 300-watt, 120-volt halogen light bulb with a GY5.3 two-pin base. It provides a warm white light with a color temperature of 3350 Kelvin and a brightness of 525 lumens, suitable for various indoor lighting applications, including projectors and specialized fixtures.



An image showing the OSRAM ELH MR16 Halogen Light Bulb, featuring its clear glass reflector, internal filament, and two-pin GY5.3 base.

4. SETUP

1. **Power Off:** Before installing or replacing the bulb, ensure the power to the fixture is completely turned off at the main switch or circuit breaker.
2. **Allow Cooling:** If replacing an old bulb, allow it to cool down completely before touching it.
3. **Handle Carefully:** Using a clean cloth or gloves, gently grasp the new OSRAM ELH MR16 bulb by its ceramic base or reflector. Avoid touching the glass envelope.
4. **Insert Bulb:** Align the two pins of the GY5.3 base with the corresponding holes in the fixture's socket. Gently push the bulb straight into the socket until it is firmly seated. Do not force the bulb.
5. **Secure Fixture:** If applicable, reassemble any protective covers or housing of the fixture.

5. OPERATING

Once the bulb is securely installed and the fixture is reassembled, restore power to the fixture. The OSRAM ELH MR16 bulb will illuminate instantly when power is supplied. This bulb is designed for on/off operation via a standard light switch or the control mechanism of your specific fixture.

- **Instant On:** Halogen bulbs provide full brightness immediately upon activation.
- **Light Output:** Expect a warm white light with 525 lumens of brightness.
- **Average Lifespan:** The average life of this bulb is approximately 35 hours under normal operating conditions.

6. MAINTENANCE

- **Cleaning:** If the bulb's glass becomes dirty, ensure the power is off and the bulb is completely cool. Gently wipe the glass with a clean, dry, lint-free cloth. Do not use liquid cleaners.
- **Replacement:** When the bulb reaches the end of its life, follow the installation steps in Section 4 to safely replace it with a new OSRAM ELH MR16 bulb.

7. TROUBLESHOOTING

- **Bulb Does Not Light Up:**
 - Check if the power supply to the fixture is on.
 - Ensure the bulb is correctly seated in the socket and the pins are making proper contact.
 - Verify that the bulb is not burnt out. A visual inspection may show a broken filament.
 - Confirm the fixture itself is functioning correctly.
- **Short Lifespan:**
 - Ensure the operating voltage is stable and matches the bulb's 120V requirement. Voltage fluctuations can reduce bulb life.
 - Avoid frequent switching on and off, which can stress the filament.
 - Ensure proper ventilation around the bulb to prevent overheating.
 - Confirm the bulb was handled with a cloth or gloves during installation to avoid skin oil contamination.

8. SPECIFICATIONS

Attribute	Value
Brand	OSRAM
Model Number	A24345301AC
Light Type	Halogen
Wattage	300 watts
Voltage	120 Volts
Bulb Shape Size	MR16
Bulb Base	GY5.3 (2-Pin)

Attribute	Value
Color Temperature	3350 Kelvin (Warm White)
Brightness	525 Lumens
Average Life	35 Hours
Material	Tungsten
Indoor/Outdoor Usage	Indoor
Item Weight	0.353 ounces
Package Dimensions	2.2 x 1.9 x 1.8 inches
Manufacturer	Osram Sylvania

9. WARRANTY AND SUPPORT

For specific warranty information regarding your OSRAM ELH MR16 Halogen Light Bulb, please refer to the product packaging or contact the retailer from whom you purchased the product. For technical support or further inquiries, please visit the official OSRAM website or contact their customer service department.

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