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› SYLVANIA FKW 300W 120V Halogen Bulb Instruction Manual

SYLVANIA FBA_54711

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Model: FBA_54711

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your SYLVANIA FKW 300W 120V Halogen Bulb. Please read these instructions carefully before installation and retain them for future reference. This halogen bulb is designed for specific applications requiring high luminous output and precise color temperature.



Figure 1: SYLVANIA FKW 300W 120V Halogen Bulb. This image displays the clear T6 shape and the GY9.5 2-pin prefocus base of the bulb.

2. SAFETY INFORMATION

Halogen bulbs operate at high temperatures and require careful handling. Failure to follow these safety instructions may

result in fire, electric shock, or personal injury.

- **Power Off:** Always disconnect power to the fixture before installing, removing, or cleaning the bulb.
- **High Temperature:** Halogen bulbs become extremely hot during operation. Allow the bulb to cool completely before handling. Do not touch the bulb with bare hands during or immediately after operation.
- **Proper Fixture:** Use only in fixtures rated for 300W and 120V, and designed for GY9.5 2-pin prefocus base bulbs.
- **Avoid Contamination:** Do not touch the glass envelope of the bulb with bare hands. Oils from skin can create hot spots, leading to premature failure. Use a clean cloth or gloves if handling is necessary.
- **Ventilation:** Ensure adequate ventilation around the bulb to prevent overheating.
- **Disposal:** Dispose of used or broken bulbs according to local regulations.

3. INSTALLATION INSTRUCTIONS

1. **Verify Compatibility:** Ensure your lighting fixture is compatible with a 300W, 120V halogen bulb with a GY9.5 2-pin prefocus base.
2. **Disconnect Power:** Turn off the power supply to the fixture at the circuit breaker or fuse box.
3. **Allow Cooling:** If replacing an old bulb, allow it to cool completely before removal.
4. **Handle with Care:** Hold the new bulb by its ceramic base or use a clean cloth/gloves to avoid touching the glass.
5. **Insert Bulb:** Align the two pins of the bulb with the corresponding slots in the GY9.5 socket. Gently push the bulb into the socket until it is firmly seated. Do not force the bulb.
6. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.
7. **Test:** Turn on the light to confirm proper operation.

4. OPERATING INSTRUCTIONS

This halogen bulb is designed for immediate full brightness upon activation. No warm-up period is required.

- **Switching On/Off:** Operate the bulb using the standard light switch connected to your fixture.
- **Dimming:** If used with a dimmer, ensure the dimmer is compatible with halogen loads and rated for the bulb's wattage. Incompatible dimmers may cause flickering or premature bulb failure.
- **Operating Environment:** Use indoors in dry locations only, as specified.

5. MAINTENANCE

Minimal maintenance is required for this halogen bulb.

- **Cleaning:** If the bulb's glass envelope becomes dusty or dirty, ensure the power is off and the bulb is cool. Gently wipe with a clean, dry, lint-free cloth. Do not use liquid cleaners.
- **Replacement:** Replace the bulb when it reaches the end of its operational life. Follow the installation instructions for safe replacement.

6. TROUBLESHOOTING

If the bulb does not operate correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Bulb does not light up.	No power to fixture, loose connection, bulb failure.	Check power supply and circuit breaker. Ensure bulb is fully seated in socket. Replace bulb if necessary.
Bulb flickers.	Loose connection, incompatible dimmer, voltage fluctuations.	Ensure bulb is securely seated. Verify dimmer compatibility. Consult an electrician if voltage issues are suspected.
Bulb burns out quickly.	Over-voltage, excessive vibration, frequent switching, touching glass with bare hands.	Ensure correct voltage supply. Minimize vibration. Avoid frequent on/off cycles. Handle bulb with a clean cloth or gloves.

7. SPECIFICATIONS

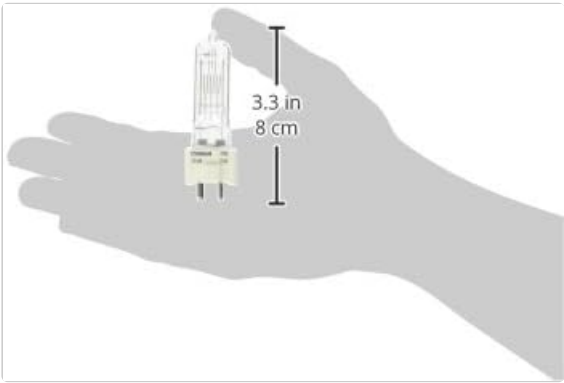


Figure 2: Dimensions of SYLVANIA FKW 300W 120V Halogen Bulb. The bulb measures approximately 3.3 inches (8 cm) in length.

- Model:** FBA_54711 (FKW)
- Brand:** SYLVANIA (Osram)
- Light Type:** Halogen
- Wattage:** 300 Watts
- Voltage:** 120 Volts
- Color Temperature:** 3200 Kelvin (Warm White)
- Brightness:** 7800 Lumens
- Bulb Shape Size:** T6
- Base Type:** GY9.5 (2-Pin Prefocus)
- Average Life:** 200 Hours
- Indoor/Outdoor Usage:** Indoor
- Dimensions (Approx.):** 5.2 x 1.69 x 1.65 inches (Package), 3.3 inches (Bulb Length)
- Item Weight:** 1.13 ounces
- Control Method:** App (Note: This specification may refer to a compatible smart fixture, not the bulb itself.)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SYLVANIA website or contact their customer service directly. Retain your proof of purchase for warranty claims.

You can visit the SYLVANIA store for more information:[SYLVANIA Store](#)

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