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Westek ALV00XB

Westek 20W 120V Halogen Bulb (ALV00XB) Instruction Manual

Introduction

This manual provides instructions for the safe and proper use of your Westek 20W 120V Halogen Bulb, model ALV00XB. Please read this manual thoroughly before installation and retain it for future reference. This product is designed to provide warm, bright, and natural light for accent lighting applications.

Important Safety Information

Please observe the following safety precautions to prevent injury or damage:

- **Turn off Power:** Always ensure power is turned off at the main switch or circuit breaker before installing, replacing, or cleaning the bulb.
- **Allow Cooling:** Halogen bulbs become very hot during operation. Allow the bulb to cool completely before handling to prevent burns.
- **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 bulb failure. Use a clean cloth or gloves when handling.
- **Correct Wattage:** Do not exceed the maximum wattage specified for your light fixture. Using a bulb with higher wattage can cause overheating and fire hazards.
- **Disposal:** Dispose of used bulbs according to local environmental regulations.
- **Intended Use:** This bulb is designed for indoor use in compatible 120V fixtures, specifically Westek ALV Series Accent Lights.

Product Overview

The Westek ALV00XB is a 20-watt, 120-volt halogen bulb featuring a JCDGY8 (G8) base type. It is specifically designed as a replacement bulb for Westek 120V ALV Series Accent Lights and other compatible fixtures. Halogen technology provides a bright, natural light that enhances color rendering compared to traditional incandescent or fluorescent lighting.



Image: Westek 20W 120V Halogen Bulb, model ALV00XB, shown in its twin pack retail packaging. The packaging highlights its 20 Watt, 120 Volt specifications and JCDGY8 type.

Package Contents:

- 2 x Westek 20W 120V Halogen Bulbs (ALV00XB)

Installation Instructions

Follow these steps to safely install your new halogen bulb:

1. **Turn off Power:** Before beginning, ensure the power to the light fixture is completely off. This can be done by switching off the light switch and, for maximum safety, turning off the corresponding circuit breaker.
2. **Allow Cooling:** If you are replacing an existing bulb, allow the old bulb to cool down completely before touching it.
3. **Remove Old Bulb (if applicable):** Carefully remove the old bulb from the fixture. Note its base type and wattage for proper replacement.
4. **Handle New Bulb:** Remove the new Westek halogen bulb from its packaging.**It is crucial not to touch the glass part of the bulb with bare hands.** Use a clean, dry, lint-free cloth or wear gloves to handle the bulb by its ceramic base.

5. **Insert New Bulb:** Align the two pins of the JCDGY8 base with the corresponding sockets in your fixture. Gently push the bulb into place until it is securely seated. Do not force the bulb, as this may damage it or the fixture.
6. **Restore Power:** Once the bulb is securely installed, turn the circuit breaker back on (if it was turned off), then turn on the light fixture's switch to test the new bulb.

Operating Instructions

Once installed, the Westek 20W 120V Halogen Bulb operates like any standard light bulb. Simply use the light fixture's switch to turn the light on or off.

- This bulb provides instant full brightness upon activation.
- It is suitable for general illumination and accent lighting where a warm, bright light is desired.

Maintenance

- **Cleaning:** If the bulb accumulates dust, ensure the power is off and the bulb is completely cool. Gently wipe the glass with a soft, dry, lint-free cloth. Avoid using liquid cleaners or abrasive materials.
- **Replacement:** The Westek ALV00XB halogen bulb has an average rated life of approximately 5,000 hours. When the bulb reaches the end of its life and ceases to function, follow the installation instructions provided in this manual to replace it with a new Westek ALV00XB or a compatible 20W 120V JCDGY8 halogen bulb.

Troubleshooting

If you encounter issues with your halogen bulb, refer to the following common troubleshooting steps:

- **Bulb does not light:**
  - Ensure the light fixture's power switch is in the 'ON' position and the circuit breaker has not tripped.
  - Verify that the bulb is securely seated in the fixture's socket.
  - Test the fixture with another known-good bulb to confirm the fixture is working correctly.
  - The bulb may have reached the end of its operational life and requires replacement.
- **Bulb flickers:**
  - Ensure the bulb is securely seated in the socket.
  - Check for any loose connections within the light fixture.
  - If used with a dimmer switch, ensure the dimmer is compatible with halogen bulbs and is functioning properly. Incompatible dimmers can cause flickering or premature bulb failure.

Specifications

Feature	Specification
Brand	Westek
Model Number	ALV00XB
Wattage	20 W
Voltage	120 V

Bulb Type	Halogen, Type JCDGY8 (G8 base)
Average Rated Life	5,000 hours
Product Dimensions (Packaging)	2.03 x 10.16 x 20.32 cm
Item Weight	18.14 g

Warranty and Support

For warranty information or technical support regarding your Westek 20W 120V Halogen Bulb, please refer to the documentation provided with your original light fixture or contact Westek customer service directly. It is recommended to keep your purchase receipt as proof of purchase for any warranty claims.

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