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› Westek 20122 - FA100WBC 8W T4 Fluorescent Tube Light Bulb Instruction Manual

Westek FA100WBC

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Model: FA100WBC

INTRODUCTION

This manual provides essential information for the safe and effective use of your Westek 20122 - FA100WBC 8W T4 Fluorescent Tube Light Bulb. Please read these instructions thoroughly before installation and operation, and retain them for future reference.

SAFETY INFORMATION

WARNING: To prevent electric shock, always disconnect power to the fixture before installing or replacing the bulb. Ensure your hands are dry when handling electrical components.

- Do not use this bulb in dimmable fixtures unless explicitly stated as compatible.
- Do not use this bulb with damaged or loose sockets.
- Dispose of fluorescent bulbs according to local regulations, as they contain small amounts of mercury.
- Avoid touching the glass portion of the bulb directly with bare hands; use a clean cloth or gloves to prevent oil residue, which can shorten bulb life.

PRODUCT OVERVIEW

The Westek FA100WBC is an 8-watt T4 miniature bi-pin (G5) base fluorescent tube light bulb, designed to provide warm white illumination. It is commonly used in under-cabinet lighting fixtures and other applications requiring a compact fluorescent light source.



Figure 1: Westek FA100WBC 8W T4 Fluorescent Tube Light Bulb. This image displays the straight tube design and the G5 bi-pin base of the bulb.

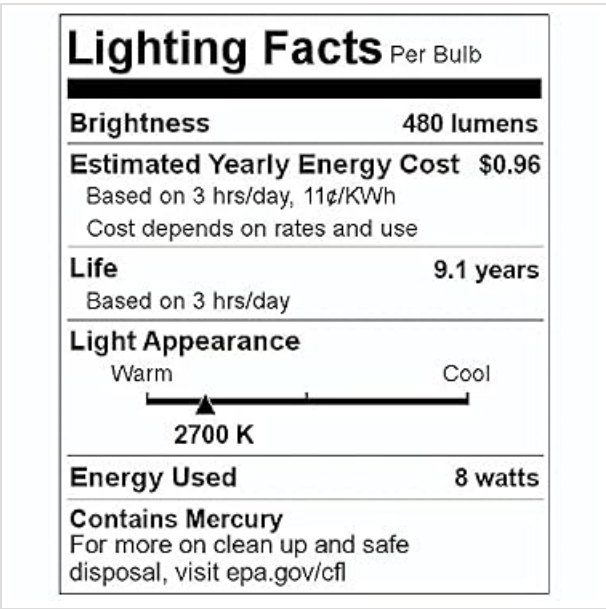


Figure 2: Energy efficiency label for the Westek FA100WBC fluorescent bulb. This label provides details on the bulb's energy consumption and performance characteristics.

SETUP (INSTALLATION)

- Power Disconnection:** Before beginning installation, ensure the power supply to the light fixture is completely turned off at the circuit breaker or by unplugging the fixture.
- Remove Old Bulb (if applicable):** Carefully remove the existing fluorescent tube from the fixture. Depending on the fixture design, this may involve rotating the bulb slightly and then pulling it out of the bi-pin sockets.
- Insert New Bulb:** Align the two pins of the new Westek FA100WBC bulb with the slots in the fixture's sockets. Gently push the bulb into the sockets until the pins are fully seated. Some fixtures may require a slight rotation of the bulb after insertion to secure it. Avoid excessive force.
- Verify Seating:** Ensure the bulb is firmly and correctly seated in both sockets. A loose connection can cause flickering or prevent the bulb from lighting.
- Restore Power:** Once the bulb is securely installed, restore power to the fixture.
- Test Operation:** Turn on the light switch to confirm the bulb is functioning correctly.

OPERATING INSTRUCTIONS

The Westek FA100WBC fluorescent tube operates by simply applying power to the fixture it is installed in. Use the fixture's integrated switch or the wall switch controlling the fixture to turn the light on or off.

- Initial Warm-up:** Fluorescent bulbs may take a few moments to reach full brightness, especially in cooler environments.
- Frequent Switching:** While modern fluorescent bulbs are more robust, frequent on/off cycling can slightly reduce their lifespan compared to continuous operation.

MAINTENANCE

The Westek FA100WBC fluorescent tube requires minimal maintenance. Regular cleaning and proper handling will help ensure optimal performance and longevity.

- Cleaning:** Ensure the power is off and the bulb is cool before cleaning. Gently wipe the bulb with a soft, dry, lint-free cloth to remove dust or debris. Do not use liquid cleaners directly on the bulb.
- Replacement:** Replace the bulb when it begins to flicker excessively, fails to light, or its light output significantly diminishes. Always replace with a bulb of the same type and wattage (Westek FA100WBC or equivalent).

- **Disposal:** Fluorescent bulbs contain small amounts of mercury and should not be disposed of in regular household trash. Consult your local waste management authority for proper recycling or disposal procedures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light	No power to fixture	Check circuit breaker and wall switch.
	Bulb not properly seated	Ensure bulb pins are fully inserted into sockets.
	Defective bulb	Replace bulb with a known good one.
	Defective fixture/ballast	Consult a qualified electrician for fixture repair.
Bulb flickers	Loose connection	Ensure bulb is securely seated.
	Aging bulb	Replace bulb.
	Cold environment	Allow bulb to warm up; flickering may reduce.
	Incompatible dimmer (if applicable)	Remove dimmer or replace with compatible bulb/fixture.
Reduced brightness	Aging bulb	Replace bulb.
	Dust/dirt on bulb or fixture reflector	Clean bulb and fixture reflector (ensure power is off).

SPECIFICATIONS

Feature	Detail
Brand	Westek
Model Number	FA100WBC
Light Type	Fluorescent
Wattage	8 Watts
Bulb Shape Size	T4
Bulb Base	G5 (Miniature Bi-Pin)
Length (Product Dimensions)	10.5 inches
Light Color	Warm White
Color Temperature	3000 Kelvin
Brightness	480 Lumens
Incandescent Equivalent	40 Watts
Voltage	120 Volts (for compatible fixtures)
Frequency	60 Hertz
Energy Efficiency	60 lumens per watt
CRI (Color Rendering Index)	100
Material	Copper (base contacts)
Item Weight	1.41 ounces (40 Grams)

Feature	Detail
Indoor/Outdoor Usage	Outdoor (as per manufacturer data, typically used indoors in fixtures)
Date First Available	January 16, 2007

WARRANTY AND SUPPORT

Specific warranty information for the Westek 20122 - FA100WBC fluorescent tube is not provided in this manual. For warranty details or technical support, please refer to the product packaging or contact Westek customer service directly through their official website or the retailer where the product was purchased.

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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