

## Acaxin G45-E26-5000K-100-240V-PC-N-IP54-4W

# Acaxin LED Refrigerator Light Bulb Instruction Manual

Model: G45-E26-5000K-100-240V-PC-N-IP54-4W

## 1. PRODUCT OVERVIEW

The Acaxin LED Refrigerator Light Bulb is designed as an energy-efficient and durable replacement for traditional incandescent bulbs in refrigerators, freezers, and other compatible appliances. This bulb features a standard E26 base, 4W power consumption (equivalent to 40W incandescent), 5000K daylight white color temperature, and IP54 waterproof rating, making it suitable for various indoor and outdoor applications.



Figure 1.1: Two Acaxin LED Refrigerator Light Bulbs. These bulbs are designed for energy efficiency and bright illumination.

### Key Features:

- **Energy Efficient:** 4W LED replaces 40W incandescent bulbs, reducing energy consumption.
- **Daylight White (5000K):** Provides bright, clear illumination for better visibility inside appliances.
- **Waterproof (IP54):** Designed to withstand humid environments, ideal for refrigerators and freezers.
- **Standard E26 Base:** Ensures compatibility with most standard light fixtures.
- **Wide Application:** Suitable for refrigerators, freezers, ceiling fans, table lamps, and other light fixtures.
- **Durable Construction:** Features a fire-retardant PC cover for safety and longevity.



Figure 1.2: Visual comparison showing improved brightness and clarity inside a refrigerator after replacing an old bulb with the Acaxin LED bulb.



Figure 1.3: The 4W Acaxin LED bulb provides equivalent illumination to a 40W halogen bulb, demonstrating significant energy savings.

## 2. SPECIFICATIONS

Detailed technical specifications for the Acaxin LED Refrigerator Light Bulb.

Specification	Value
Brand	Acaxin
Light Type	LED
Wattage	4 Watts
Incandescent Equivalent Wattage	40 Watts
Bulb Shape Size	A15

Specification	Value
Bulb Base	E26
Light Color	Daylight White
Color Temperature	5000 Kelvin
Brightness	400 Lumen
Voltage	120 Volts (AC)
Accepted Voltage Frequency	100 to 120 Volts and 60 Hertz
IP Rating	IP54 (Waterproof)
Work Temperature	-20°C to 45°C (-4°F to 113°F)
Material	Plastic (Fire-retardant PC Cover)
Product Dimensions	1.77"W x 3.05"H (45.1mm W x 77.5mm H)
Item Weight	3.84 ounces
Model Number	G45-E26-5000K-100-240V-PC-N-IP54-4W
UPC	740385000294



Figure 2.1: Dimensions of the Acaxin LED bulb, illustrating its compact size suitable for appliance use.

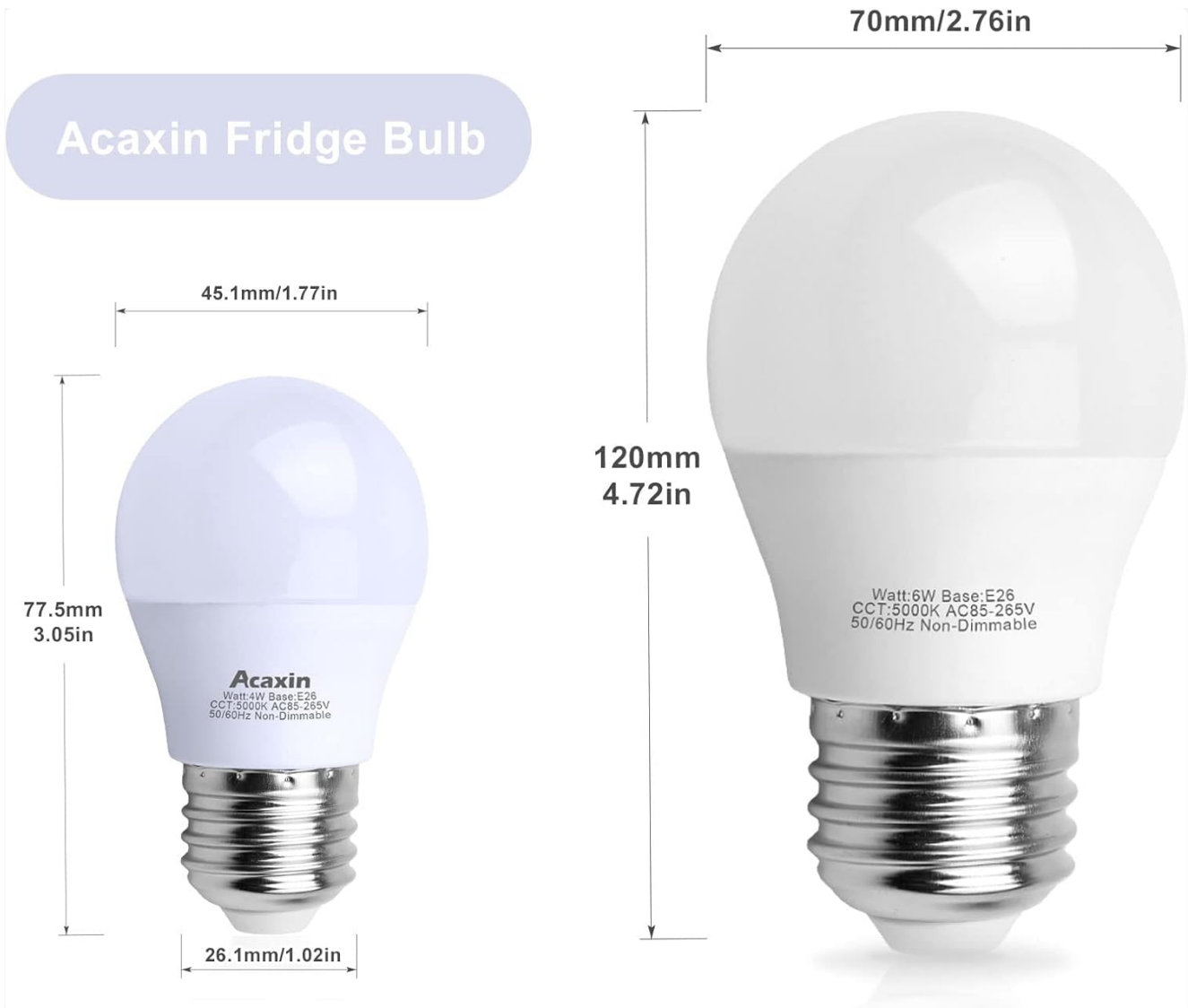


Figure 2.2: Size comparison highlighting the A15 bulb's compact form factor.

### 3. SETUP AND INSTALLATION

Follow these steps to safely install your Acaxin LED Refrigerator Light Bulb.

1. **Safety First:** Before attempting to replace any light bulb in an appliance, ensure the appliance is unplugged from the power outlet or the circuit breaker supplying power to the appliance is turned off. This prevents electrical shock.
2. **Locate the Old Bulb:** Open your refrigerator or freezer door and locate the existing light bulb.
3. **Remove the Old Bulb:** Carefully unscrew the old bulb counter-clockwise until it is completely removed. If the bulb is hot, allow it to cool before handling.
4. **Inspect the Socket:** Check the bulb socket for any damage or debris. Ensure it is clean and dry.
5. **Install the New Bulb:** Gently screw the Acaxin LED Refrigerator Light Bulb into the E26 base socket by turning it clockwise until it is snug. Do not overtighten.
6. **Restore Power:** Plug the appliance back into the power outlet or turn the circuit breaker back on.
7. **Test the Bulb:** Close and open the refrigerator/freezer door to ensure the new bulb illuminates correctly.



Figure 3.1: The Acaxin LED bulb is designed for easy installation into standard E26 sockets.



Figure 3.2: The bulb features a standard E26 candelabra base for straightforward installation.

#### 4. OPERATING INSTRUCTIONS

The Acaxin LED Refrigerator Light Bulb operates automatically with your appliance's existing lighting system.

- Once installed and power is restored, the bulb will illuminate when the appliance door is opened.
- The bulb will turn off when the appliance door is closed.
- No additional controls or settings are required for the bulb itself.

This bulb is non-dimmable. Do not attempt to use it with dimmer switches, as this may damage the bulb or the dimmer.

## 5. MAINTENANCE

The Acaxin LED Refrigerator Light Bulb requires minimal maintenance due to its long lifespan and durable design.

- **Cleaning:** If the bulb becomes dusty or dirty, ensure the power to the appliance is disconnected. Gently wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** While designed for long life, if the bulb eventually fails, follow the installation steps in Section 3 to replace it with a new Acaxin LED Refrigerator Light Bulb.
- **Storage:** If storing spare bulbs, keep them in their original packaging in a cool, dry place away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

If you encounter issues with your Acaxin LED Refrigerator Light Bulb, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulb does not light up.	<ul style="list-style-type: none"> <li>◦ No power to the appliance.</li> <li>◦ Bulb not screwed in properly.</li> <li>◦ Bulb is faulty.</li> <li>◦ Appliance light switch/sensor issue.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check if the appliance is plugged in and receiving power. Check circuit breaker.</li> <li>◦ Unplug appliance, then re-screw the bulb firmly into the socket.</li> <li>◦ Try the bulb in another known working E26 fixture, or try a different bulb in the appliance.</li> <li>◦ Consult your appliance's manual for troubleshooting its internal lighting system.</li> </ul>
Bulb flickers or buzzes.	<ul style="list-style-type: none"> <li>◦ Incompatible dimmer switch (this bulb is non-dimmable).</li> <li>◦ Loose connection.</li> <li>◦ Electrical interference.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure the bulb is not connected to a dimmer switch.</li> <li>◦ Unplug appliance, then re-screw the bulb firmly.</li> <li>◦ This is rare for LED bulbs; if persistent, consult an electrician.</li> </ul>
Light is too dim or too bright.	<ul style="list-style-type: none"> <li>◦ Incorrect bulb specification for desired brightness.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Verify the lumen output (400 Lumen) and color temperature (5000K) meet your needs. This bulb is fixed brightness.</li> </ul>

If the problem persists after trying these solutions, please contact Acaxin customer support.

## 7. WARRANTY AND SUPPORT

Acaxin is committed to providing high-quality products and customer satisfaction.

### Warranty Information:

Specific warranty details may vary. Please refer to the product packaging or your purchase receipt for the exact warranty period and terms. Generally, Acaxin products are covered against defects in materials and workmanship under normal use.

### Customer Support:

For technical assistance, warranty claims, or any other inquiries, please contact Acaxin customer support through the following channels:

- **Online:** Visit the official Acaxin store on Amazon: [Acaxin Amazon Store](#)
- **Email:** Refer to your product packaging for direct email support, if available.

When contacting support, please have your product model number (G45-E26-5000K-100-240V-PC-N-IP54-4W) and purchase information ready.

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