

GT-Lite GT-CB-50C

GT-Lite 5,000 Lumen LED Corn Cob Bulb (Model GT-CB-50C) Instruction Manual

Brand: GT-Lite | Model: GT-CB-50C

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your GT-Lite 5,000 Lumen LED Corn Cob Bulb. Please read these instructions carefully before installation and retain them for future reference. This LED bulb is designed for various indoor applications, offering high brightness and energy efficiency.

2. PRODUCT FEATURES

- **Energy Saving:** Consumes only 50 watts while providing 5000 lumens of daylight (5000K) illumination, equivalent to a 250W incandescent bulb.
- **Long-Lasting:** Engineered for a lifespan of 25,000 hours, reducing the need for frequent replacements. Features an improved LED protective shield to guard against dust and moisture.
- **Easy Installation:** Equipped with a standard E26 medium base for straightforward installation into compatible light sockets without additional wiring.
- **Omni-Directional Light:** The corn cob shape ensures a wide light spread, illuminating every corner of the intended space.
- **Versatile Application:** Suitable for indoor environments such as garages, workshops, warehouses, basements, and general-purpose lighting.



Figure 2.1: GT-Lite 5000 Lumen LED Corn Cob Bulb with its retail packaging, highlighting key features like 5000 lumens, 50 watts, and 80% energy savings.

3. SPECIFICATIONS

Brand	GT-Lite
Model Name	GT-CB-50C

Light Type	LED
Wattage	50 Watts
Brightness	5000 Lumens
Light Color	Daylight (5000K)
Bulb Base	E26 Medium
Bulb Shape Size	BT37
Lifespan	25,000 Hours
Voltage	100-240 Volts (AC), 50-60 Hertz
Product Dimensions	3.07"W x 8.27"H
Item Weight	7.2 ounces (0.45 Pounds)
Material	Aluminum
Indoor/Outdoor Usage	Indoor Use Only
Color Rendering Index (CRI)	80





Figure 3.1: Diagram showing the dimensions of the GT-Lite LED Corn Cob Bulb: 8.3 inches height and 3.07 inches diameter.

4. SAFETY INFORMATION

- Always turn off the power to the fixture before installing or removing the bulb.
- Do not use with dimmers unless explicitly stated as dimmable. This bulb is non-dimmable.
- Ensure the fixture is rated for the bulb's wattage and size.
- Do not disassemble the bulb.
- This bulb is designed for indoor use only. Do not expose to water or outdoor elements.
- Avoid looking directly at the illuminated bulb for extended periods, as it can cause eye strain.

5. INSTALLATION

The GT-Lite LED Corn Cob Bulb features a standard E26 medium base, making installation simple and compatible with most standard light sockets.

1. **Power Off:** Before beginning installation, ensure the power supply to the light fixture is turned off at the circuit breaker or wall switch.
2. **Remove Old Bulb:** Carefully unscrew and remove the existing bulb from the fixture. Allow it to cool if it was recently in use.
3. **Insert New Bulb:** Screw the GT-Lite LED Corn Cob Bulb into the E26 medium base socket. Turn clockwise until it is finger-tight. Do not overtighten.
4. **Restore Power:** Turn the power back on at the circuit breaker or wall switch.

5. **Test:** Turn on the light switch to confirm the bulb is functioning correctly.



Figure 5.1: The GT-Lite LED Corn Cob Bulb highlighting its E26 medium base for standard light fixtures and the protective LED chip cover.

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Video 5.1: An overview of the 5000 Lumen LED Corn Cob Bulb, demonstrating its physical characteristics and highlighting its E26 standard base for easy installation. The video also details internal components and applications.

6. OPERATION

Once installed, the GT-Lite LED Corn Cob Bulb operates like any standard light bulb. Simply use the existing wall switch or fixture control to turn the light on or off.

- This bulb is non-dimmable. Do not connect to a dimmer switch.
- The bulb provides instant full brightness upon activation.

Energy Saving

Replace 250-watt incandescent bulb with only 50 watts



Figure 6.1: A visual comparison showing a garage dimly lit by an 800 Lumen incandescent bulb (2700K Soft White) on the left, and brightly illuminated by the 5,000 Lumen GT-Lite LED Corn Cob Bulb (5000K Daylight) on the right.

7. MAINTENANCE

The GT-Lite LED Corn Cob Bulb is designed for minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry cloth to gently wipe the bulb. Avoid using liquid cleaners or abrasive materials.
- **Environment:** This bulb is for indoor use only. Protect it from direct exposure to water, high humidity, and extreme temperatures.
- **Protective Shield:** The integrated LED protective shield helps keep dust and moisture out, contributing to the bulb's extended lifespan. Do not attempt to remove or modify this shield.

8. TROUBLESHOOTING

If you encounter issues with your GT-Lite LED Corn Cob Bulb, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, loose connection, faulty bulb.	<ul style="list-style-type: none"> ◦ Check if the power switch is on. ◦ Verify the circuit breaker is not tripped. ◦ Ensure the bulb is screwed in tightly. ◦ Test the bulb in a known working fixture.
Bulb flickers.	Loose connection, incompatible dimmer switch, voltage fluctuations.	<ul style="list-style-type: none"> ◦ Tighten the bulb in the socket. ◦ Ensure the fixture is not connected to a dimmer switch (this bulb is non-dimmable). ◦ Consult an electrician if voltage fluctuations are suspected.
Light output is low.	Dust accumulation, incorrect bulb for fixture.	<ul style="list-style-type: none"> ◦ Clean the bulb gently with a dry cloth (power off). ◦ Confirm the bulb's specifications match your lighting needs.

9. WARRANTY AND SUPPORT

GT-Lite products are backed by a manufacturer's warranty. For specific warranty details, please refer to the product packaging or contact GT-Lite customer support.

For technical assistance, troubleshooting, or warranty claims, please contact GT-Lite customer support. US-based customer support is available to assist you.

You can find more information and contact details on the official GT-Lite website or through their [Amazon Brand Store](#).