

GE 44301

GE C-Life A19 Smart LED Light Bulb Instruction Manual

Model: 44301

1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient use of your GE C-Life A19 Smart LED Light Bulb. Please read this manual thoroughly before installation and operation, and retain it for future reference.

2. PRODUCT OVERVIEW

The GE C-Life A19 Smart LED Light Bulb is designed to provide customizable lighting for your home. This smart bulb offers 800 lumens of brightness, equivalent to a standard 60-watt incandescent bulb, and features an A19 shape. It is smart home compatible and can be controlled via an app, offering three distinct color temperatures: 2000K (warm candlelight), 2700K (soft white), and 7000K (cool daylight). The bulb is designed to work without a separate hub when used with compatible smart home systems like Google Home.



Figure 2.1: Packaging for the GE C-Life A19 Smart LED Light Bulb. The packaging highlights 800 lumens brightness, an estimated annual energy cost of \$1.32, and its status as a connected LED bulb requiring no hub.



Figure 2.2: Two GE C-Life A19 Smart LED Light Bulbs. These bulbs are white, standard A19 shape, with "life" and "sleep" branding visible on their bases, indicating different models or features within the C by GE line.

3. SETUP

3.1. Physical Installation

1. Ensure the power to the light fixture is turned off at the switch before installation.
2. Carefully screw the GE C-Life A19 Smart LED Light Bulb into a standard E26 medium screw base socket.
3. Turn the power back on at the switch. The bulb should illuminate.

3.2. App Pairing

The GE C-Life A19 Smart LED Light Bulb can be paired with the C by GE app or directly with Google

Home devices without a separate hub. Amazon Alexa and Apple HomeKit devices typically require the GE C-Reach hub (sold separately).

3.2.1. Pairing with Google Home

1. Ensure your Google Home device is set up and connected to the internet.
2. Open the Google Home app on your smartphone or tablet.
3. Tap the "+" icon (Add) and select "Set up device."
4. Choose "New devices" or "Works with Google."
5. Follow the on-screen instructions to discover and add your GE C-Life bulb. If the bulb was previously paired with the C by GE app, it may need to be unpaired or factory reset first.

3.2.2. Pairing with C by GE App

1. Download the "C by GE" app from your device's app store.
2. Create an account or log in.
3. Follow the in-app instructions to add a new device.
4. The app will guide you through the pairing process.

3.3. Factory Reset Procedure

A factory reset may be necessary if you encounter pairing issues or wish to move the bulb to a different smart home system. It is recommended to perform this with the bulb in a desk lamp for easier access.

3.3.1. For Newer Bulb Versions

1. Start with the bulb off for at least 5 seconds.
2. Turn on for 5 – 10 seconds.
3. Turn off for 2 seconds.
4. Turn on for 5 – 10 seconds.
5. Turn off for 2 seconds.
6. Turn on for 5 – 10 seconds.
7. Turn off for 2 seconds.
8. Turn on for 5 – 10 seconds.
9. Turn off for 2 seconds.
10. Turn on for 5 – 10 seconds.
11. Turn off for 2 seconds.
12. Turn on.
13. The bulb will flash on and off 3 times if the reset is successful.

3.3.2. For Older Bulb Versions

1. Start with the bulb off for at least 5 seconds.
2. Turn on for 5 – 10 seconds.
3. Turn off for 1 second.
4. Turn on for 1 second.
5. Turn off for 1 second.
6. Turn on for 1 second.
7. Turn off for 1 second.
8. Turn on for 1 second.
9. Turn off for 1 second.

10. Turn on for 5 – 10 seconds.
11. Turn off for 1 second.
12. Turn on.
13. The bulb will flash on and off 3 times if the reset is successful.

4. OPERATING INSTRUCTIONS

Once paired, your GE C-Life A19 Smart LED Light Bulb can be controlled through its respective app or voice commands with compatible smart assistants.

4.1. Basic Control (App)

- **On/Off:** Tap the power icon within the C by GE or Google Home app to toggle the bulb's power state.
- **Brightness Adjustment:** Use the slider control in the app to adjust the light intensity from 1% to 100%.
- **Color Temperature:** Select from the available color temperature options (2000K, 2700K, 7000K) within the app to change the light's warmth or coolness.

4.2. Voice Control (Google Assistant)

With Google Home, you can use voice commands to control your bulb. Ensure your bulb is named appropriately in the Google Home app (e.g., "Bedroom Light").

- "Hey Google, turn on [light name]."
- "Hey Google, turn off [light name]."
- "Hey Google, dim [light name] to 50%."
- "Hey Google, make [light name] brighter."
- "Hey Google, change [light name] to bright white." (7000K)
- "Hey Google, change [light name] to soft white." (2700K)
- "Hey Google, change [light name] to candlelight." (2000K)

4.3. Scheduling and Routines

Both the C by GE app and Google Home app allow you to create schedules and routines for your bulb. This enables automated actions such as turning lights on/off at specific times or adjusting brightness/color temperature based on daily routines.

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Video 4.1: An official video titled "C by GE Smart LED Light Bulb by GE Lighting" demonstrating various uses of the C by GE smart bulbs in daily life, including waking up, brushing teeth, reading, and relaxing. The video highlights how the bulbs can be controlled via app and integrate into different routines.

5. MAINTENANCE

The GE C-Life A19 Smart LED Light Bulb requires minimal maintenance.

- **Cleaning:** Ensure the bulb is off and cool before cleaning. Wipe with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Periodically check the C by GE app for available firmware updates. Keeping the bulb's firmware up-to-date can improve performance and add new features.
- **Environment:** This bulb is designed for indoor use. Do not expose to water or use in enclosed fixtures unless specified.

6. TROUBLESHOOTING

If you encounter issues with your GE C-Life A19 Smart LED Light Bulb, refer to the following common solutions:

Problem	Possible Cause	Solution
Bulb not pairing or disconnecting frequently.	Incorrect pairing procedure, old firmware, interference, or previous pairing with another app.	• Ensure the bulb is within range of your smart home device (e.g., Google Home). • Perform a factory reset (refer to Section 3.3). • If previously paired with C by GE app, unpair it before attempting to pair with Google Home. • Check for and install any available firmware updates via the C by GE app.
Voice commands not working reliably.	Incorrect command phrasing, network issues, or outdated firmware.	• Use the exact voice commands listed in Section 4.2. • Ensure your Google Home device has a stable internet connection. • Verify the bulb's name in the Google Home app. • Check for firmware updates.
Bulb not responding to app control.	Network connectivity issues, app malfunction, or bulb power off.	• Check your Wi-Fi connection. • Ensure the light switch is in the "on" position. • Restart the C by GE or Google Home app. • Try a factory reset if the issue persists.

7. SPECIFICATIONS

Feature	Detail
Brand	GE
Model Number	44301
Light Type	LED
Bulb Shape Size	A19
Wattage	60 watts (equivalent) / 11 Watts (actual)
Brightness	800 lumens

Feature	Detail
Voltage	120 Volts
Control Method	App
Smart Home Compatibility	Smart Home Compatible (Google Home direct, others via C-Reach hub)
Color Rendering Index (CRI)	80
Indoor/Outdoor Usage	Indoor
Product Dimensions	6.63 x 4 x 5.13 inches
Item Weight	9.6 ounces

8. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official GE Lighting website or contact their customer service directly. Keep your purchase receipt for warranty claims.
Official GE Lighting Website: www.gelighting.com