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› LGIDTECH 4W GU10 RGB+CCT LED Spotlight Bulb User Manual

LGIDTECH FUT103-2

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Model: FUT103-2

PRODUCT OVERVIEW

The LGIDTECH 4W GU10 RGB+CCT LED Spotlight Bulb is a versatile smart lighting solution designed for various indoor applications. This bulb offers full color spectrum (RGB) with 16 million color options, as well as adjustable white light (Correlated Color Temperature - CCT) ranging from warm white (2700K) to cool white (6500K). It is designed to work seamlessly with MiLight remote controls and can be integrated into smart home systems via the WL-Box1 Gateway Hub for smartphone and voice control.

Key Features

- **RGB 16 Million Colors:** Choose from a vast spectrum of colors to create different moods and ambiances.
- **Adjustable CCT (2700K-6500K):** Seamlessly transition between warm white for relaxation and cool white for focused tasks.
- **Dimmable Brightness:** Adjust the light intensity to your preference.
- **Remote Control Compatibility:** Directly controllable with various MiLight 2.4GHz remotes and panel controllers (sold separately).
- **Smartphone & Voice Control:** Compatible with Alexa and Google Home Assistant via the WL-Box1 Gateway Hub (sold separately).
- **Memory Function:** The bulb retains its last color, brightness, and mode settings when powered off and on.

IMPORTANT SAFETY INFORMATION

- Ensure the voltage supply is within AC 100-240V / 50-60Hz before installation.
- Do not use the bulb in environments with high temperature or excessive moisture.
- Always ensure the power supply is OFF before installing or removing the bulb to prevent electric shock.
- This product is designed for indoor use only.
- Do not disassemble or modify the bulb. This will void the warranty and may cause damage or injury.

SETUP AND INSTALLATION

1. Before Installation

Before proceeding with installation, ensure that the power to the light fixture is completely turned off at the circuit breaker or wall switch. Verify that the fixture is compatible with GU10 base bulbs and the specified voltage range.

2. Installation Steps

1. Turn off the power to the light fixture at the main switch or circuit breaker.
2. Carefully insert the GU10 base of the LED spotlight bulb into the GU10 socket of your fixture.
3. Gently twist the bulb clockwise until it is securely seated in the socket. Do not overtighten.
4. Restore power to the light fixture. The bulb should illuminate.

3. Pairing with Controllers and Gateway Hub

The LGIDTECH GU10 LED Spotlight Bulb requires pairing with a compatible MiLight 2.4GHz remote control or the WL-Box1 Gateway Hub for full functionality. The pairing process typically involves linking the bulb to a specific zone on your controller.

Compatible Controllers (Sold Separately):

4-Zone Remote: FUT092

4-Zone Panel Remote: B4

8-Zone Remote: FUT089

8-Zone Panel Remote: B8

Gateway Hub: WL-Box1 (for smartphone APP control)

Refer to the specific instructions provided with your MiLight remote or WL-Box1 Gateway Hub for detailed pairing procedures. Generally, this involves powering on the bulb and pressing a linking button on the controller within a few seconds.

Compatible with below controllers(All is sold separately!)



8-Zone Remote



4-Zone Remote



8-Zone B8 Panel



4-Zone T4/B4 Panel



iBox1 Hub



iBox2 Hub

Both is bridge hub for smartphone wifi control.

This image illustrates the range of compatible MiLight controllers and gateway hubs that can be used to operate the LGIDTECH GU10 LED Spotlight Bulb. These include various remote controls and panel remotes, as well as the iBox1 and iBox2 hubs for smartphone Wi-Fi control.

OPERATION

1. Color and Temperature Adjustment

Once paired, you can control the bulb's color and color temperature using your MiLight remote or smartphone app. The

bulb supports 16 million RGB colors, allowing for vibrant lighting effects. For white light, you can adjust the CCT from a warm 2700K to a cool 6500K, suitable for different activities and times of day.

2. Remote Control Operation

Use the dedicated buttons on your MiLight remote to switch the bulb on/off, change colors, adjust brightness, and modify the color temperature. Specific functions may vary slightly depending on the remote model (e.g., 4-zone vs. 8-zone remotes).

3. Smartphone App Control (via WL-Box1 Gateway)

To control the bulb via your smartphone, you must first set up the WL-Box1 Gateway Hub (sold separately) and connect it to your home Wi-Fi network. Download the MiLight app (or compatible app) from your device's app store. Once the gateway is configured and the bulb is linked to it, you can use the app to:

- Turn the bulb on or off.
- Select from 16 million RGB colors using a color wheel.
- Adjust white light temperature (2700K-6500K).
- Control brightness levels.
- Set timers and schedules.
- Group multiple bulbs for synchronized control.

For voice control with Alexa or Google Home Assistant, ensure your WL-Box1 Gateway is properly linked to your smart home platform through the respective app settings.

16 million colors to choose, adjustable brightness,
color temperature and saturation



WiFi Enabled Smart Phone Control

Link your smartphone to the WiFi iBox, you are
free to control the spotlights with your phone.



This image highlights the extensive color palette available, the convenience of remote control, and the smartphone app interface for

managing the bulb's settings. It also showcases typical application environments where the bulb can enhance ambiance, such as bedrooms, restaurants, sitting rooms, and kitchens.

MAINTENANCE

- The LGIDTECH GU10 LED Spotlight Bulb requires minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:
- **Cleaning:** Before cleaning, ensure the power to the bulb is off and it has cooled down. Wipe the bulb gently with a soft, dry, lint-free cloth. Do not use liquid cleaners, abrasive cleaners, or chemical solvents, as these may damage the bulb's surface or internal components.
 - **Environment:** Avoid exposing the bulb to extreme temperatures, direct water spray, or high humidity, as specified in the safety information.
 - **Handling:** Handle the bulb by its base when installing or removing it to avoid damaging the glass or internal electronics.

TROUBLESHOOTING

If you encounter issues with your LGIDTECH GU10 LED Spotlight Bulb, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture; bulb not properly installed; bulb is faulty.	Check power supply and wall switch. Ensure bulb is securely twisted into the socket. Test bulb in another working fixture if possible.
Cannot control bulb with remote/app.	Bulb not paired; remote battery low; WL-Box1 Gateway not connected/configured.	Re-attempt pairing process (refer to controller/gateway manual). Replace remote batteries. Check WL-Box1 Gateway's power and network connection.
Bulb flickers or dims unexpectedly.	Unstable power supply; incompatible dimmer switch (if applicable); interference.	Ensure stable power. This bulb is dimmable via its control system, not necessarily external dimmer switches. Check for strong electromagnetic interference nearby.
Colors are incorrect or unresponsive.	Software glitch; pairing issue.	Try resetting the bulb (power off/on) and re-pairing it with the controller/gateway.

If you continue to experience issues or have questions regarding linking or operation, please contact LGIDTECH customer support for assistance.

TECHNICAL SPECIFICATIONS

Parameter	Value
Product Name	4W GU10 RGB+CCT LED Spotlight Bulb
Model Number	FUT103
Power	4W
Voltage	AC 100-240V / 50-60Hz
Color Temperature (CCT)	2700K-6500K
Luminous Flux	250-280lm
Luminous Efficiency	70lm/W
Color Rendering Index (CRI)	>80
Base Type	GU10
Beam Angle	25°
Material	Aluminum + PC
Control Distance	30 meters (98 feet)
Dimensions	Φ50*57mm (1.97"W x 2.24"H)
Application Areas	Houses, restaurants, bars, etc.

4W RGB+CCT LED Spotlight

2.4 GHz RF remote controllable, 16 million colors to choose, adjustable brightness, color temperature and saturation



Product Parameters



Product Name: 4W GU10 RGB+CCT LED Spotlight

Model No: FUT103

Power: 4W

Voltage: AC86-265V / 50-60Hz

Kelvin: 2700-6500K

Luminous Flux: 250-280LM

Luminous Efficiency: 70LM/W

CRI: >80

Base Type: GU10

Beam Angle: 25°

PF: >0.55

Material: Aluminum+PC

Control Distance: 30m

Size: $\Phi 50 \times 57$ mm

Application Areas: houses, restaurants, bars, etc



This diagram provides a visual representation of the bulb's physical dimensions, indicating a diameter of 50mm and a height of 57mm, which is crucial for ensuring compatibility with various light fixtures.

WARRANTY AND SUPPORT

LGIDTECH is committed to providing high-quality products. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims.

For technical support, questions regarding product linking, or any other inquiries, please contact LGIDTECH customer service. You can typically find contact information on the product packaging or the official LGIDTECH website.

Note: If you have questions on linking, please contact us by email at first time!

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

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