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Brightech SMRT-RGB-A19

Brightech Smart LED Light Bulb A19 User Manual

Model: SMRT-RGB-A19

Brand: Brightech

1. Introduction

Thank you for choosing the Brightech Smart LED Light Bulb A19. This smart bulb offers dimmable, color-changing functionality and is compatible with Alexa and Google Home, providing versatile lighting options for your home. This manual provides essential information for safe installation, operation, and maintenance of your new smart bulb.



Image 1.1: Brightech Smart LED Light Bulbs (A19 model). One bulb displays a spectrum of colors, indicating its color-changing capability, while the other shows its standard A19 shape and E26 screw base.

2. Safety Information

Please read all safety instructions carefully before installing or using the bulb. Failure to follow these instructions may result in electric shock, fire, or other injuries.

- **Indoor Use Only:** This bulb is designed for indoor use in dry locations. Do not expose to water or high humidity.
- **Proper Voltage:** Ensure the fixture's voltage is compatible with the bulb (100-240 Volts, 50-60 Hertz).
- **Power Off Before Installation:** Always turn off the power to the light fixture at the switch and circuit breaker before installing or removing the bulb.
- **Do Not Disassemble:** Do not attempt to disassemble, repair, or modify the bulb. This will void the warranty and may cause damage or injury.
- **Avoid Overheating:** Do not install in fully enclosed fixtures that may trap heat, as this can shorten the bulb's lifespan.
- **2.4 GHz Wi-Fi Network:** This bulb requires a 2.4 GHz Wi-Fi network for smart functionality. It does not support 5 GHz networks.

3. Package Contents

Verify that all components are present in your package:

- Brightech Smart LED Light Bulb A19 (1 unit)
- User Manual (this document)

4. Product Features

The Brightech Smart LED Light Bulb A19 offers a range of advanced features for a customizable lighting experience:

- **Dimmable:** Adjust brightness from 1% to 100%.
- **Color Changing (RGB):** Access thousands of kaleidoscopic hues to set the perfect ambiance.
- **Tunable White:** Adjust color temperature from 2,700K (warm white) to 6,500K (daylight white).
- **Smart Control:** Compatible with Alexa and Google Home for voice control.
- **App Control:** Manage settings, group bulbs, set schedules, and adjust brightness via a smartphone app (Tuya Smart recommended).
- **Energy Efficient:** 9 Watts power consumption, equivalent to a 75-watt incandescent bulb.
- **Long Lifespan:** Rated for 20,000 hours of use.
- **No Hub Required:** Connects directly to your 2.4 GHz Wi-Fi network.



Image 4.1: Overview of Brightech Smart LED Light Bulb specifications and compatibility.

5. Setup Guide

Follow these steps to set up your Brightech Smart LED Light Bulb:

1. **Install the Bulb:** Screw the smart bulb into a standard E26 light socket. Ensure the power to the fixture is off before installation.
2. **Download the App:** Download the 'Tuya Smart' app from the Apple App Store (for iOS) or Google Play Store (for Android).
3. **Register/Log In:** Open the Tuya Smart app and register for a new account or log in if you already have one.
4. **Power On and Pair:**
    - Turn on the light switch. The bulb should start blinking rapidly (about twice per second), indicating it's in pairing mode.
    - If the bulb does not blink rapidly, turn it OFF-ON-OFF-ON-OFF-ON (3 times) to reset it to pairing mode.

5. **Add Device in App:**
    - In the Tuya Smart app, tap the '+' icon in the top right corner to add a device.
    - Select 'Lighting' > 'Light Source (Wi-Fi)'.
    - Confirm that the indicator light is blinking rapidly.
    - Enter your 2.4 GHz Wi-Fi network password.**Note:** 5 GHz networks are not supported.
    - The app will begin searching for the device. Once found, the bulb will stop blinking and connect.
6. **Rename the Bulb:** Once connected, you can rename the bulb to something easily recognizable (e.g., 'Living Room Lamp', 'Bedroom Light').

6. Operating Instructions

Control your Brightech Smart LED Light Bulb using the Tuya Smart app or voice assistants.

6.1 App Control

Open the Tuya Smart app and select your bulb from the device list. You will have access to the following controls:

- **On/Off:** Toggle the power.
- **Brightness:** Use the slider to adjust the light intensity.
- **Color Selection:** Choose from a wide spectrum of colors using the color wheel or preset scenes.
- **White Light Adjustment:** Adjust the color temperature from warm to cool white.
- **Scenes:** Select pre-programmed lighting scenes for different moods or activities.
- **Schedules/Timers:** Set specific times for the bulb to turn on/off or change settings.
- **Group Control:** Group multiple Brightech smart bulbs together to control them simultaneously.



Image 6.1: Controlling the smart bulb's color and brightness via the mobile app.



Image 6.2: Demonstrating the dimmable feature of the smart bulb, allowing users to choose their preferred comfort level.

6.2 Voice Control (Alexa/Google Home)

To enable voice control, link your Tuya Smart account with your Amazon Alexa or Google Home app. Follow the instructions provided by Alexa or Google Home for linking third-party smart home devices.

Once linked, you can use voice commands such as:

- "Alexa, turn on [Bulb Name]."
- "Hey Google, set [Bulb Name] to 50 percent."
- "Alexa, change [Bulb Name] to blue."
- "Hey Google, make [Bulb Name] warmer."

7. Maintenance

The Brightech Smart LED Light Bulb requires minimal maintenance due to its long lifespan and LED technology.

- **Cleaning:** Ensure the bulb is off and cool before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the bulb for an extended period, keep it in a cool, dry place away from direct sunlight.

8. Troubleshooting

If you encounter issues with your Brightech Smart LED Light Bulb, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not turn on.	No power; bulb not screwed in properly; bulb is faulty.	Check power switch and circuit breaker. Ensure bulb is screwed in tightly. Test bulb in another working fixture.
Bulb does not blink for pairing.	Not in pairing mode.	Turn the bulb OFF-ON-OFF-ON-OFF-ON (3 times) rapidly to reset it to pairing mode.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi band (5 GHz); weak signal; incorrect password.	Ensure you are connecting to a 2.4 GHz Wi-Fi network. Move the bulb closer to the router. Double-check Wi-Fi password.
Voice control not working.	Account not linked; incorrect device name.	Ensure your Tuya Smart account is correctly linked to Alexa/Google Home. Verify the device name in the voice assistant app matches the one in Tuya Smart.
Colors appear "weird" or "orange".	Possible manufacturing variation or specific color setting.	Adjust color settings in the app. If issue persists and affects functionality, contact customer support.

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

9. Specifications

Detailed technical specifications for the Brightech Smart LED Light Bulb A19:

Attribute	Value
Model Number	SMRT-RGB-A19
Bulb Shape Size	A19
Bulb Base	E26 (Medium)
Wattage	9 Watts
Incandescent Equivalent	75 Watts
Brightness	800 Lumens
Light Color	RGB (Color Changing)

Attribute	Value
Color Temperature	2,700K (Warm White) to 6,500K (Daylight White)
Voltage	100-240 Volts
Frequency	50-60 Hertz
Connectivity Technology	Bluetooth, Wi-Fi (2.4 GHz only)
Controller Type	App, Google Assistant, Amazon Alexa
Average Life	20,000 Hours
Product Dimensions	2 x 2 x 4 inches
Item Weight	1.76 ounces

10. Warranty and Support

Brightech stands behind its products with a comprehensive warranty and dedicated customer support.

10.1 Product Warranty

The Brightech Smart LED Light Bulb comes with a **3-Year Product Warranty**. This warranty covers any defects in material or workmanship and ensures replacement if the LED light bulb stops working within three years from the date of purchase.

10.2 Customer Support

For any questions, troubleshooting assistance, or warranty claims, please contact Brightech customer support. Our friendly team is happy to help.



Image 10.1: Brightech's commitment to customer support and quality.

You can find contact information on the official Brightech website or through your purchase platform.

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

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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

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