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LEPOWER-TEC BB-01

LEPOWER-TEC Smart Light Bulb BB-01 User Manual

Model: BB-01

1. INTRODUCTION

Thank you for choosing the LEPOWER-TEC Smart Light Bulb BB-01. This smart LED bulb offers advanced lighting features including human-centered lighting, infinite dimming, and various scene modes. It is designed for seamless integration with your smart home ecosystem via the Prodigytec App, Alexa, and Google Assistant. This manual provides detailed instructions for installation, operation, and troubleshooting to ensure optimal performance.



Image: The LEPOWER-TEC Smart Light Bulb shown alongside its mobile application interface, demonstrating brightness and color temperature controls.

2. SAFETY INFORMATION

- Ensure the power is off before installing or replacing the bulb.
- This bulb is designed for **indoor use only**. Do not use in wet locations or outdoors.
- Do not use with external dimmer switches or smart switches. Dimming is controlled exclusively through the Prodigytec App or compatible voice assistants.
- Avoid looking directly into the light source when it is on, as it may cause eye strain.
- Operate within the specified voltage range (120 Volts).

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x LEPOWER-TEC Smart LED Bulb (Model BB-01)
- 1 x User Manual (this document)

4. SETUP GUIDE

4.1 App Download and Installation

1. Download the **Prodigytec App** from the Apple App Store or Google Play Store.
2. Register or log in to your Prodigytec account.

4.2 Bulb Installation

1. Ensure the power to the light fixture is turned off.
2. Carefully screw the LEPOWER-TEC Smart Light Bulb into a standard E26 socket.
3. Turn on the power to the light fixture. The bulb should blink, indicating it is in pairing mode.

4.3 Device Pairing with Prodigytec App

To add the smart bulb to your app:

1. Open the Prodigytec App.
2. Ensure both **Bluetooth (BT)** and **Wi-Fi** are enabled on your mobile device.
3. The app should automatically detect the new device or prompt you to add a device. Follow the on-screen instructions.
4. Select your 2.4GHz Wi-Fi network and enter the password. **Note: The bulb only supports 2.4GHz Wi-Fi networks.**
5. Once successfully connected, you can name the bulb and assign it to a room.

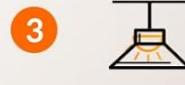
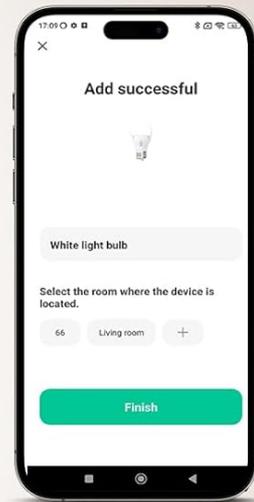
App User Guide



Download the Prodigytec App and log in



Follow the on-screen instruction



Start exploring

Image: A visual guide demonstrating the three steps for pairing the smart bulb using the Prodigytec App: download, follow on-screen instructions, and confirm successful addition.

5. OPERATING INSTRUCTIONS

5.1 App Control (Prodigytec App)

- **Brightness Adjustment:** Effortlessly dim the light from 1% to 100% to suit your needs. The bulb provides up to 900 lumens of brightness.
- **Color Temperature:** Adjust the color temperature between 2700K (warm white) and 6500K (cool white) to create different ambiances.
- **Human Centered Lighting (HCL):** Simulate natural light changes throughout the day. Enjoy a soothing 'hypnotic light' at night and a gentle 'wake-up light' in the morning. This feature promotes eye comfort and reduces visual fatigue.
- **Scene Modes:** Select from 6 pre-designed lighting scenarios: Guest, Reading, Office, Daybreak, Pre-sleeping, and Awakening. These modes are optimized for various activities and times of day.
- **Timers and Schedules:** Set custom schedules for your bulb to turn on/off or change settings automatically.

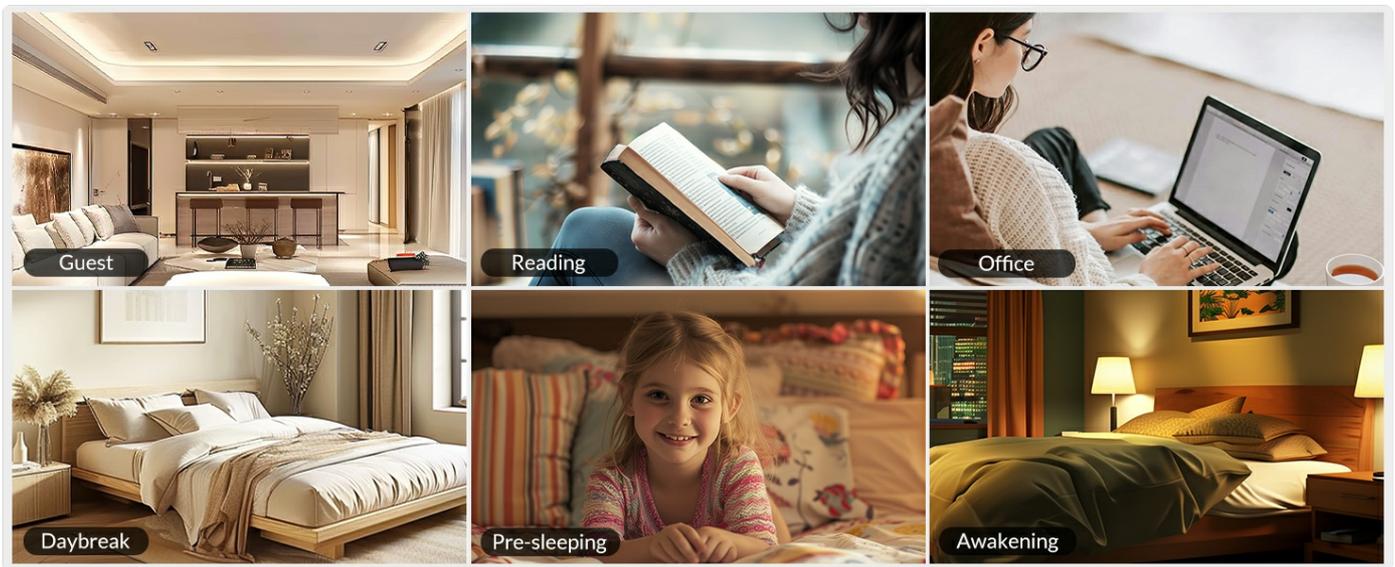


Image: A collage of six distinct room settings, each illustrating a different lighting scene (Guest, Reading, Office, Daybreak, Pre-sleeping, Awakening) achievable with the smart bulb.

5.2 Voice Control

The LEPOWER-TEC Smart Light Bulb is compatible with Alexa and Google Assistant. To enable voice control:

1. Ensure your smart bulb is successfully paired with the Prodigytec App.
2. Open your Alexa or Google Home app.
3. Link your Prodigytec account within the Alexa/Google Home app by searching for the 'Prodigytec' skill/service.
4. Once linked, you can use voice commands such as:
 - "Alexa, turn on the living room light."
 - "Hey Google, dim the bedroom light to 50%."
 - "Alexa, set the kitchen light to warm white."

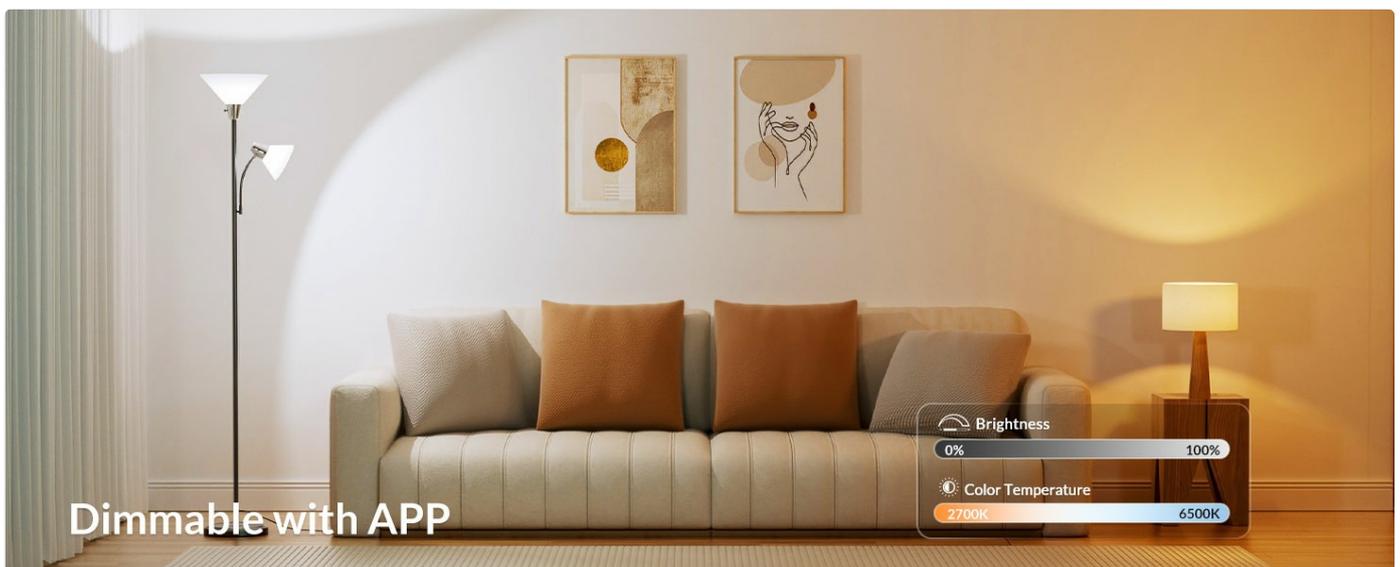


Image: A family in a living room, with a child on a father's shoulders, smiling towards an Alexa smart speaker, illustrating hands-free voice control of lighting.

5.3 Group Control

You can group multiple LEPOWER-TEC Smart Light Bulbs together in the Prodigytec App to control them simultaneously. This is useful for managing lights in a single room or across different areas of your home.

1. In the Prodigytec App, navigate to the device list.

2. Select the option to create a group.
3. Add the desired bulbs to the group.
4. Once grouped, any command given to the group will apply to all bulbs within it.

Note: Group control is supported only for devices connected via Wi-Fi 2.4Ghz.

6. MAINTENANCE

- To clean the bulb, ensure the power is off and the bulb is cool. Wipe gently with a soft, dry cloth. Do not use liquid cleaners.
- The LED light source is not replaceable. When the bulb reaches the end of its lifespan, replace the entire unit.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not turn on.	No power; Bulb not screwed in properly; Bulb faulty.	Check power supply; Ensure bulb is securely screwed in; Replace bulb if faulty.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi band; Incorrect password; Router too far; BT not enabled.	Ensure you are using a 2.4GHz Wi-Fi network ; Verify Wi-Fi password; Move bulb closer to router; Ensure Bluetooth is enabled on your phone during pairing.
Bulb frequently disconnects.	Weak Wi-Fi signal; Network interference.	Ensure strong 2.4GHz Wi-Fi signal; Reduce interference from other devices; Consider a Wi-Fi extender.
Voice control not working.	Not linked to Alexa/Google Assistant; Incorrect commands.	Ensure Prodigytec account is linked in Alexa/Google Home app; Use correct voice commands.
Bulb not responding to app.	Bulb offline; App issue.	Check bulb's Wi-Fi connection; Restart the Prodigytec App; Power cycle the bulb (turn off/on).
Firmware update fails.	Unstable connection.	Ensure a stable Wi-Fi connection during firmware updates. It is recommended to use Wi-Fi for updates.

8. SPECIFICATIONS

Feature	Detail
Brand	LEPOWER-TEC
Model Name	BB-01
Light Type	LED
Bulb Shape Size	A19
Bulb Base	E26
Wattage	8.5 watts

Feature	Detail
Incandescent Equivalent	60 Watts
Brightness	900 Lumens
Color Temperature	2700K-6500K (Dimmable/Warm/White)
Voltage	120 Volts
Control Method	App (Prodigytec), Voice (Alexa/Google Assistant)
Connectivity	Wi-Fi 2.4Ghz, Bluetooth Mesh
Indoor/Outdoor Usage	Indoor
Material	Acrylonitrile Butadiene Styrene (ABS), Polycarbonate (PC)
Product Dimensions	15.24"W x 27.94"H (approx. 3.99 ounces)
Special Features	Human Centered Lighting, Eye Protection (RG0), Brightness Dimmable, Smart Lighting Scenes

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official LEPOWER-TEC website. Please have your model number (BB-01) and purchase information ready when contacting support.