Lepro ZB1-15

Lepro ZB1 Smart Outdoor String Lights User Manual

Model: ZB1-15

INTRODUCTION

Thank you for choosing the Lepro ZB1 Smart Outdoor String Lights. This manual provides essential information for the safe and efficient use of your new smart lighting system. Please read this manual thoroughly before installation and operation, and retain it for future reference.

Image: The Lepro ZB1 Smart Outdoor String Lights featuring colorful bulbs and the product packaging, highlighting its smart capabilities and 54 ft length.

SAFETY INFORMATION

To ensure safe operation, please observe the following precautions:

- Ensure the power adapter is protected from water. The adapter is not waterproof.

- Do not attempt to replace individual bulbs. The bulbs are not replaceable.

- Use only the provided power adapter.

- Do not connect the string lights to another power source or device not specified by the manufacturer.

- Keep out of reach of children.

- Avoid installing near heat sources or in direct sunlight for prolonged periods beyond normal outdoor use.

Image: Illustration of the IP65 weatherproof and shatterproof rating for the string lights, with a crucial note indicating that the power adapter is not waterproof and must be protected.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Lepro ZB1 Smart Outdoor String Lights (15 bulbs, 54 ft total length)
- Power Adapter
- User Manual (this document)

TOTAL LENGTH: 54 FT

6.6 ft

5.9 ft

3 ft

15 Bulbs   Extend to 30 Bulbs Max   15,000 H   Not Replaceable
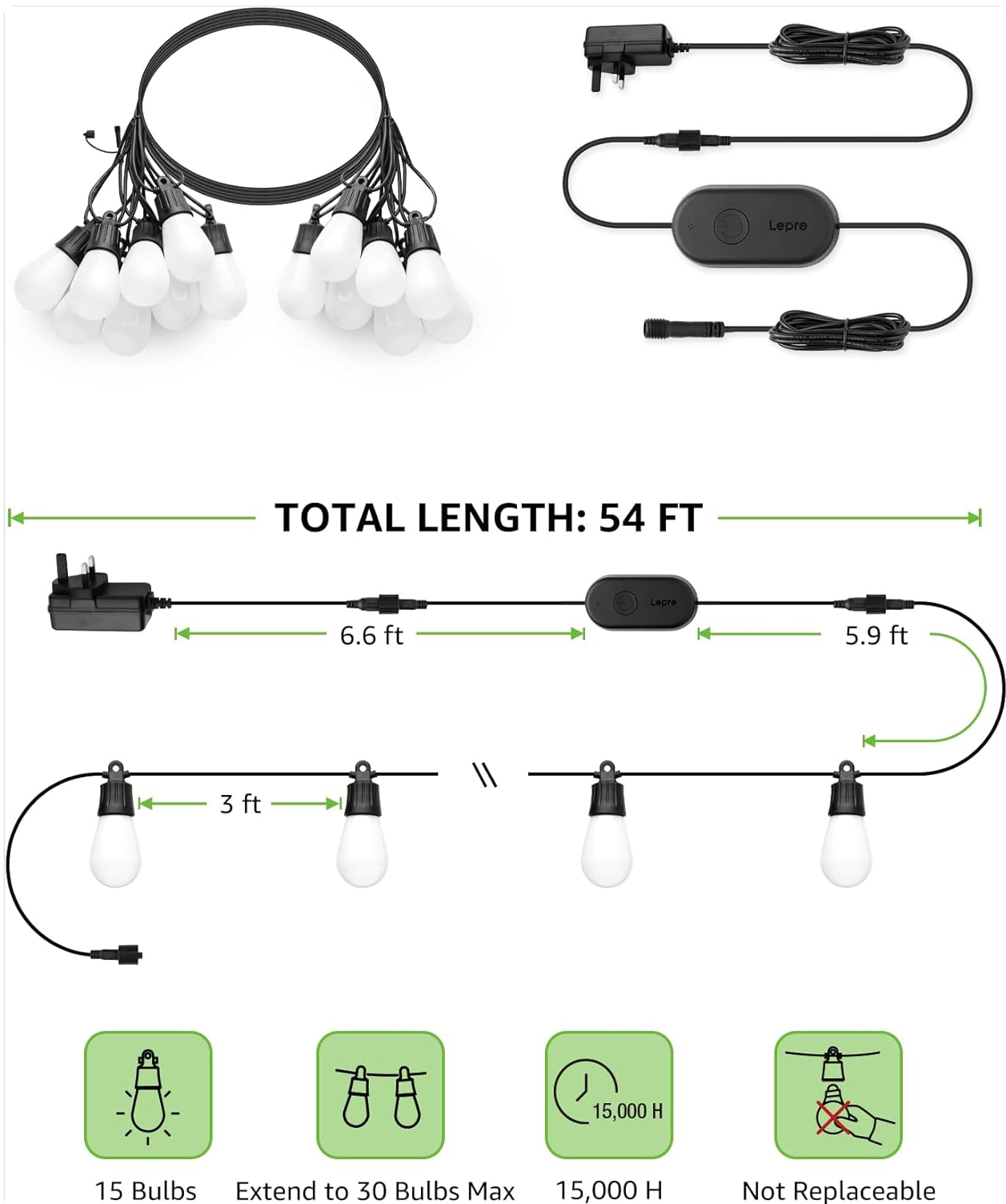
Image: A diagram illustrating the total length of the string lights (54 ft), the power adapter, and the in-line controller, along with key specifications like 15 bulbs, extendable to 30 bulbs, 15,000-hour lifespan, and non-replaceable bulbs.

SETUP

1. **Unpack:** Carefully remove the string lights and all components from the packaging.

2. **Placement:** Determine the desired location for your string lights. Ensure the location allows for the full 54 ft length and that the power adapter can be safely connected to a power outlet, protected from water.

3. **Installation:** Hang the string lights using appropriate hooks, clips, or ties (not included) along your desired path. Ensure the bulbs are securely positioned.

4. **Connect Power:** Connect the string lights to the provided power adapter. Plug the power adapter into a suitable outdoor-rated power outlet, ensuring it is protected from moisture.

5. **Initial Power On:** Once connected, the lights should illuminate.

6. **App Download:** Download the Lepro APP from your smartphone's app store (available for iOS and Android).

7. **Pairing:** Follow the in-app instructions to pair your string lights with the Lepro APP. This typically involves enabling Bluetooth/Wi-Fi on your device and selecting the lights within the app.

Extension (Optional): These string lights can be extended up to a maximum of 30 bulbs. If extending, ensure you use compatible Lepro ZB1 extension sets.

OPERATING INSTRUCTIONS

The Lepro ZB1 Smart Outdoor String Lights offer various control methods:

1. Lepro APP Control

The Lepro APP provides full control over your string lights, including color selection, brightness, and dynamic effects.

- **Color Selection:** Use the color picker in the app to choose from a wide spectrum of colors or select warm white. You can assign individual colors to each bulb.

- **Brightness Adjustment:** Adjust the light intensity using the brightness slider.

- **Dynamic Modes:** Explore various pre-set dynamic modes like Steady, Breathe, Rightward, Leftward, Gradient, and Circle.

- **Customization:** Create and save your own custom lighting designs and scenes.

Image: A visual representation of the Lepro app interface demonstrating the ability to assign any color to a single bulb, allowing for highly customized lighting arrangements.

2. AI Lighting Design Assistant (LightGPM)

The built-in LightGPM AI assistant helps you create unique lighting designs based on color psychology, lighting design principles, and desired mood.

- **Voice Control:** Use voice commands through the Lepro APP to control your lights. For example, say "Turn on the light," "Let's have a party," or "I feel happy" to trigger specific lighting scenes or emotions.

- **Design Editing:** Edit LightGPM's suggested designs to match your preferences without starting from scratch.
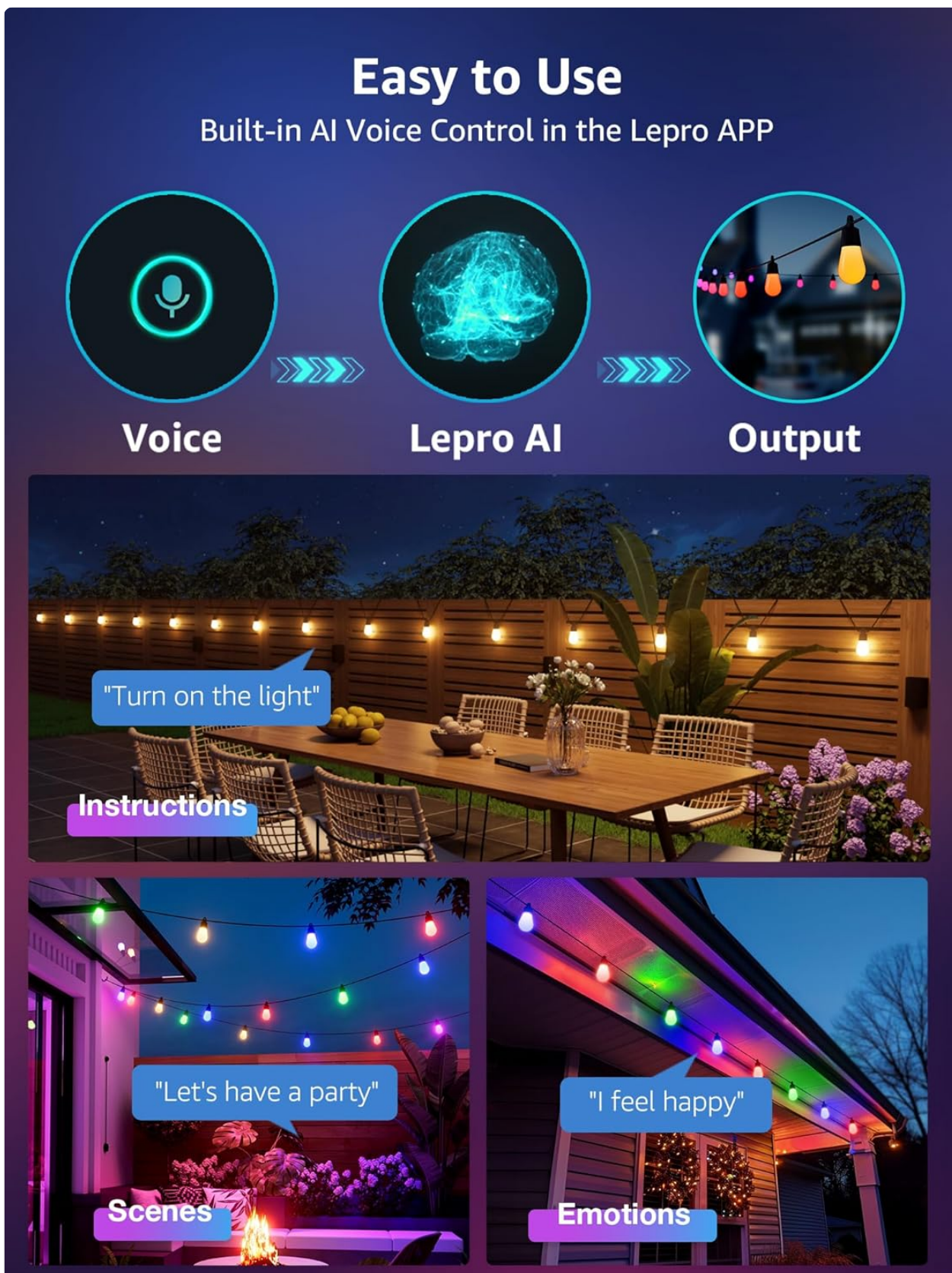

Image: A diagram illustrating the easy-to-use AI voice control feature within the Lepro App, showing how voice commands are processed by Lepro AI to produce desired lighting effects and scenes.

Image: A screenshot of the LightGPM design editing interface within the Lepro app, demonstrating how users can easily modify lighting designs, including color combinations, speed, and brightness.

3. Smart Home Integration

The Lepro ZB1 lights are compatible with popular smart home platforms:

- **Works with Alexa:** Connect your lights to Amazon Alexa for voice control.
- **Works with Google Assistant:** Integrate with Google Assistant for seamless voice commands.
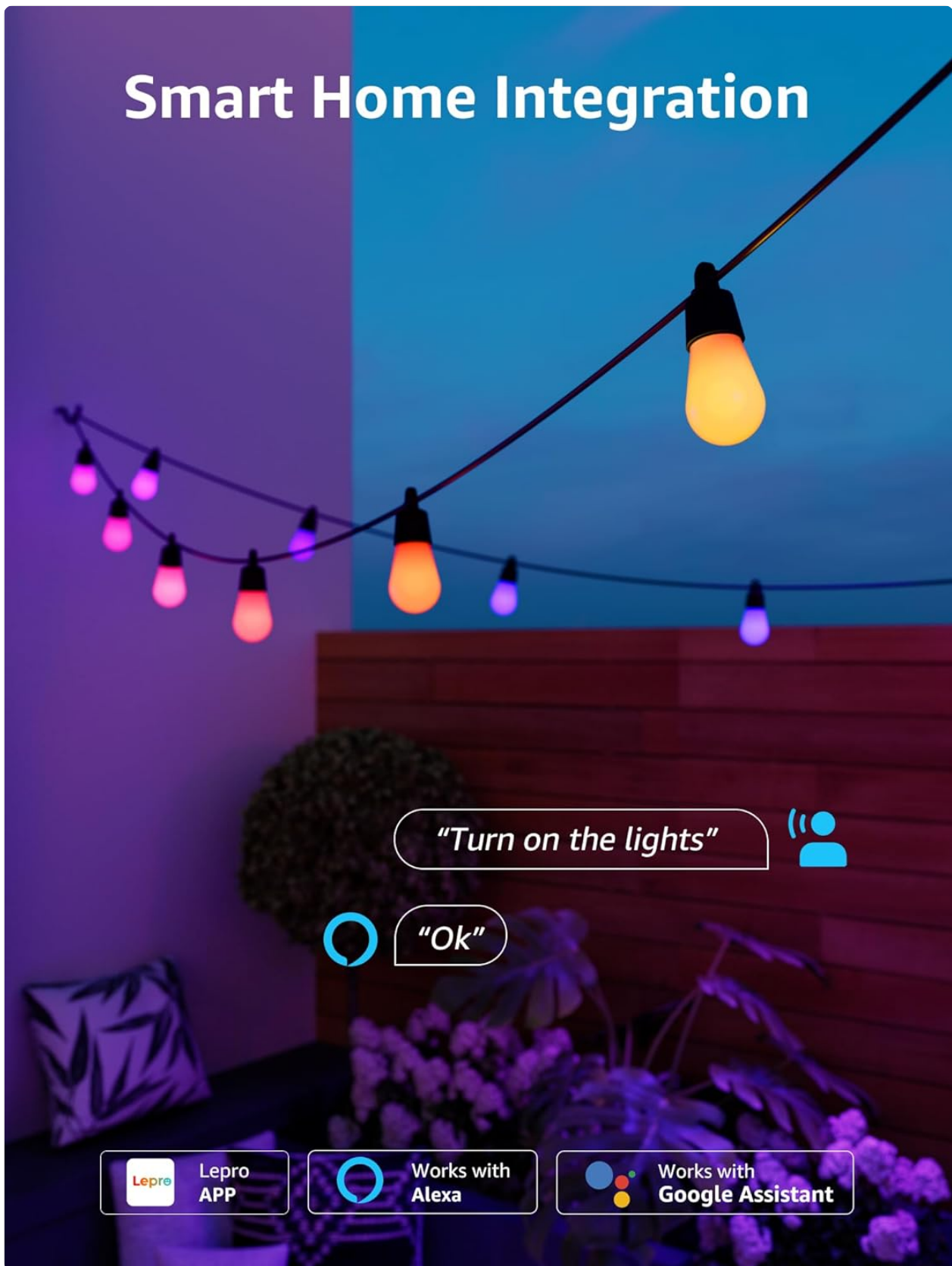
Image: An illustration showing the Lepro ZB1 string lights integrated with smart home systems, indicating compatibility with the Lepro App, Amazon Alexa, and Google Assistant for voice control.

4. LightBeats Music Sync

Synchronize your lights with music beats for an immersive experience.

- **Audio Input:** The lights can pick up music from your phone or via the in-line controller.
- **Modes:** Choose from various music sync modes like Flash mode or Wave modes.

Image: A depiction of the LightBeats Music Sync feature, showing the string lights changing colors and patterns in rhythm with music, with options to pick up audio from a phone or in-line controller.

Maintenance

- **Cleaning:** Disconnect power before cleaning. Wipe the bulbs and string with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** When not in use for extended periods, store the lights in a cool, dry place, away from direct sunlight.

- **Bulb Replacement:** The bulbs are not designed to be replaced. If a bulb fails, the entire string light unit may need to be replaced.

- **Weather Protection:** While the lights are IP65 weatherproof, ensure the power adapter is always protected from water exposure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power; loose connection; faulty adapter.	Check power outlet. Ensure all connections are secure. Try a different outlet. If still not working, the adapter may be faulty.
Lights flicker or dim.	Unstable power supply; loose connection; exceeding maximum extension.	Ensure stable power. Check connections. Do not exceed 30 bulbs total.
Cannot connect to Lepro APP.	Bluetooth/Wi-Fi off; lights not in pairing mode; app issue.	Ensure Bluetooth/Wi-Fi is enabled on your device. Restart the lights by unplugging and replugging. Restart the Lepro APP. Ensure lights are within range.
Voice control not working.	Microphone issue; incorrect commands; app not linked to smart assistant.	Check your device's microphone. Use precise commands as listed in the app. Ensure Lepro APP is correctly linked to Alexa or Google Assistant.

SPECIFICATIONS

Feature	Detail
Brand	Lepro
Model Number	ZB1-15
Total Length	54 ft (approx. 16.46 meters)
Number of Bulbs	15
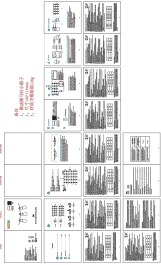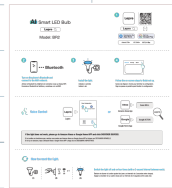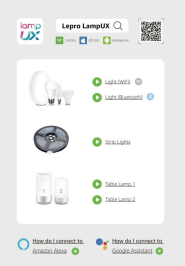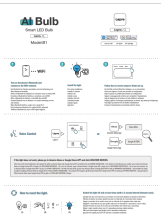
Feature	Detail
Extendable	Yes, up to 30 bulbs maximum
Bulb Lifespan	15,000 hours
Bulb Replaceable	No
Voltage	12 Volts (DC)
Power	12 Watts
Weatherproof Rating	IP65 (for string lights, adapter is not waterproof)
Operating Temperature	-20°C to 40°C (-4°F to 104°F)
Connectivity	Bluetooth, Wi-Fi (via Lepro APP)
Smart Home Compatibility	Amazon Alexa, Google Assistant
Item Weight	1.08 Kilograms (approx. 2.38 lbs)
Package Dimensions	31.5 x 23.4 x 11.6 cm (approx. 12.4 x 9.2 x 4.6 inches)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Lepro website or contact their customer service directly. Details regarding specific warranty periods and support channels are typically provided with your purchase documentation or on the manufacturer's website.

Online Resources:

- Lepro Official Website: www.lepro.com (*Note: This is a general placeholder URL. Please refer to your product packaging or purchase details for the exact support website.*)
- Lepro App Support: Check the "Help" or "Support" section within the Lepro application for FAQs and troubleshooting guides.

Related Documents - ZB1-15

[Lepro ZB1 AI LED Outdoor String Lights User Manual and Specifications](#)
Comprehensive user manual and technical specifications for the Lepro ZB1 AI LED outdoor string lights, detailing features, installation, and compliance information.

[Lepro R2 Smart LED Downlight Installation and User Guide](#)
Comprehensive guide for installing and using the Lepro R2 Smart LED Downlight, covering app connection, voice control setup, mounting, and safety information.

[Lepro BR2 Smart LED Bulb Setup and Voice Control Guide](#)
Comprehensive guide to setting up your Lepro BR2 Smart LED Bulb. Learn how to connect via Bluetooth and WiFi, integrate with Amazon Alexa and Google Assistant, and troubleshoot common issues. Includes technical specifications and regulatory compliance information.

[Lepro S1 Smart LED Strip Light: Installation, Features, and Safety Guide](#)
Comprehensive guide for the Lepro S1 Smart LED Strip Light, covering installation, app connection, voice control integration, safety precautions, technical specifications, and warranty information.

[Lepro LampUX: Smart Lighting App User Guide](#)
A comprehensive guide to setting up and using the Lepro LampUX app for controlling smart lighting devices, including Wi-Fi and Bluetooth bulbs, strip lights, and table lamps, with integration for Amazon Alexa and Google Assistant.

[Lepro AI Smart Bulb B1: Quick Start Guide and Setup](#)
Learn how to set up and connect your Lepro AI Smart LED Bulb (Model B1) to your WiFi network, integrate it with voice assistants like Alexa and Google Assistant, and troubleshoot common issues. Includes reset instructions.