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› **Lepro E1 AI Smart LED String Lights (15.3m, 30 Lights) - RGBCW+IC, Dimmable, Alexa/Google Home Compatible Instruction Manual**

Lepro E1-30-JP

Lepro E1 AI Smart LED String Lights (15.3m, 30 Lights) Instruction Manual

Model: E1-30-JP | Brand: Lepro

INTRODUCTION

Thank you for choosing the Lepro E1 AI Smart LED String Lights. This manual provides essential information for the safe and efficient use of your new lighting system. Featuring revolutionary RGBCW+IC technology, AI-powered lighting design, music synchronization, and smart home integration, these lights offer unparalleled customization and convenience. Please read this manual thoroughly before installation and operation.

PACKAGE CONTENTS

Ensure all items listed below are present in your package:

- Lepro E1 Smart LED String Light x 2 (15 lights per string)
- PSE Certified Power Adapter x 1 (cable length 1.8m)
- Controller x 1
- 3-meter Extension Cable x 1
- Fixing Screws x 30
- Spare Double-Sided Tape x 10
- Japanese Instruction Manual x 1 (Please refer to this English manual for detailed instructions)

便利なグループ制御

Image: Detailed view of all components included in the Lepro E1 Smart LED String Lights package, including two string light sets, power adapter, controller, extension cable, screws, and double-sided tape.

SETUP AND INSTALLATION

1. Preparation

- Download the "Lepro" app from your smartphone's app store. Account registration is required to use the AI features.
- Ensure your smartphone's Bluetooth is enabled and connect to a 2.4GHz Wi-Fi network. (5GHz Wi-Fi is not supported).

Video: A step-by-step guide on preparing for installation, including downloading the Lepro app, registering an account, and ensuring proper network settings. This video demonstrates the initial setup process for the Lepro E1 AI Smart LED String Lights.

2. Connecting the String Lights

1. Carefully align and push the connection parts together, then tighten securely. Ensure the connections are made in the correct direction.
2. The 15.3m (30 lights) set includes two strings (15 lights each). You can connect up to 3 strings in total. For 30m sets (4 strings), up to 5 strings can be connected. For 45m sets (6 strings), up to 6 strings can be connected.
3. The extension cable can be added between the controller and a light string, or between two light strings.

Video: This segment demonstrates how to correctly connect multiple string light segments and the extension cable, ensuring a secure and proper connection for the Lepro E1 AI Smart LED String Lights.

3. Powering On and App Pairing

1. Plug the power adapter into a sealed electrical box.
2. When the white lights flash, it indicates that the connected length has been detected.
3. When the blue lights flash, it indicates that the app is in pairing mode.
4. If adding more strings, re-plug the power adapter or detect the length in the app settings.
5. Open the Lepro app and add the E1 device. The app will automatically search for nearby devices.
6. Pair the device with your 2.4GHz Wi-Fi network.

明るさ1%〜100%調光可能

Image: A visual guide showing the six steps for installing the Lepro E1 Smart LED String Lights, from assembling the strands and testing connections to cleaning the surface and securing the lights with tape and screws.

4. Mounting the Lights

The Lepro E1 string lights are designed for easy installation with strong 3M double-sided tape on the back. They are flexible and can be bent freely to fit various surfaces and designs, including straight lines, curves, and coves. Fixing screws are also provided for additional security.

- Clean the installation surface with alcohol to ensure optimal adhesion.
- Peel off the backing from the 3M double-sided tape and firmly press the lights onto the desired surface.
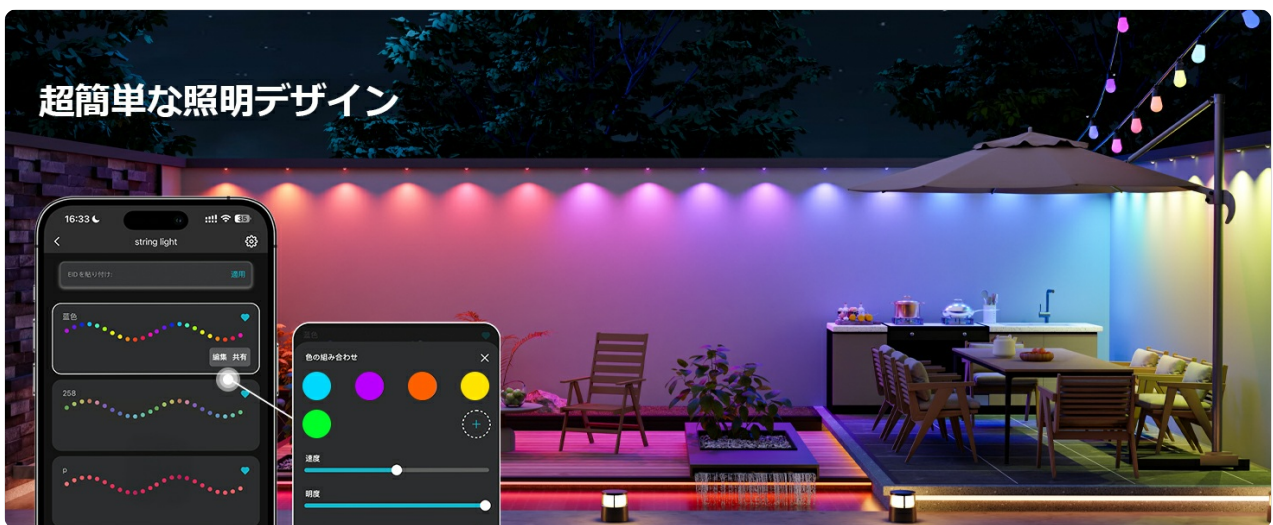- For permanent installation or rough surfaces, use the provided fixing screws.

超簡単な照明デザイン

Image: This image illustrates the versatility of the Lepro E1 Smart LED String Lights, showing them installed on different surfaces such as wood, metal, vinyl, fiber cement, brick, and stucco, highlighting their adaptability for various home exteriors.

OPERATING INSTRUCTIONS

1. AI Lighting Design (LightGPM 4)

The Lepro E1 features an intelligent AI lighting designer that learns your preferences and creates dynamic lighting effects. You can interact with the AI in several ways:

- **Voice or Text Input:** Simply tell the app your desired mood or activity (e.g., "I want to relax," "Birthday party"),

and the AI will generate suitable lighting in seconds.

- **Photo Analysis:** Take a picture of your room, a movie poster, or a game character. The AI will analyze the image and suggest optimal lighting themes to transform your space.

Image: This image showcases the AI lighting design capabilities of the Lepro E1, illustrating how users can create ideal lighting atmospheres by simply providing text/voice input or taking photos of their environment.

2. RGBCW+IC Technology and Individual Control

The advanced RGBCW+IC technology allows for simultaneous illumination of multiple colors and dynamic effects. Each LED bulb can be individually controlled, offering unprecedented flexibility:

- **Individual Color and Effect Settings:** Freely change colors and set effects for adjacent bulbs within the same string.
- **Pure White Light:** Independent warm and white LEDs (2200K-6500K) allow for precise adjustment of white light tones, suitable for various applications from ambient to security lighting. White LEDs also support individual control.

アップグレードされた5 in 1デザイン

5～12cm

壁から5～12cm離して設置

独立のRGB、暖色、
白色LED搭載

（IC-WS2811を2個含む）

昼白色LED

38mm　22.5mm

RGB+IC LED

電球色LED

Image: A close-up view of a single Lepro E1 LED bulb, highlighting its 5-in-1 design with independent RGB, warm white, and daylight white LEDs, demonstrating the advanced RGBCW+IC technology.

3. Smart Home Integration

The Lepro E1 is compatible with Amazon Alexa and Google Assistant, enabling convenient voice control:

- **Voice Commands:** Use voice commands to turn lights ON/OFF, adjust brightness, and change colors, even when your hands are occupied.

Image: A house illuminated with colorful Lepro E1 Smart LED String Lights, demonstrating compatibility with Amazon Alexa and Google Assistant for voice control.

4. Music Synchronization (LightBeats)

Experience music visually with the LightBeats feature:

- The built-in microphone on your smartphone or controller picks up sound, and the lights dance to the rhythm of the music.
- AI automatically analyzes audio from games, movies, and live events to control light brightness and color, creating an immersive experience.

Image: A person enjoying music with Lepro E1 Smart LED String Lights, demonstrating the LightBeats music synchronization feature where lights react to sound.

5. Remote Control via App

The Lepro app provides comprehensive remote control functionalities:

- Turn lights ON/OFF, adjust brightness and color tone, switch lighting modes, and set schedules or timers.
- The app can seamlessly connect up to 200 smart devices and allows for group control, enabling you to create personalized lighting environments.

5 in 1 LEDビーズ（アップグレード版）　ホワイト：1灯あたり40ルーメン　RGB：1灯あたり20ルーメン

Image: A smartphone displaying the Lepro app interface, showing various controls for adjusting colors, effects, and brightness of the smart LED string lights.

MAINTENANCE

The Lepro E1 Smart LED String Lights are designed for durability and are waterproof (IP65 for lights, IP67 for controller). However, the power adapter is not waterproof (IP20) and requires a separate waterproof case for outdoor use.

- Regularly check connections for any signs of wear or damage.
- Clean the light surfaces gently with a soft, damp cloth. Avoid harsh chemicals.
- Ensure the power adapter is protected from moisture when used outdoors.

屋外対応

動作範囲：-25℃〜60℃（-13°F〜140°F）
耐紫外線

IP67防水　IP65防水　電源アダプター（IP20）防水ケース別途用意必要

Image: This image details the waterproof ratings of the Lepro E1 Smart LED String Lights components, showing the IP67 rating for the lights, IP65 for the controller, and noting that the IP20 power adapter requires a separate waterproof case for outdoor use.

TROUBLESHOOTING

If you encounter issues, please refer to the following common solutions:

- **Lights not turning on:** Check all power connections and ensure the power adapter is securely plugged in. Verify the power outlet is functional.
- **App not connecting:** Ensure your phone's Bluetooth is on and connected to a 2.4GHz Wi-Fi network. Restart the app and try pairing again.
- **Incorrect light length detected:** If adding or removing string segments, re-plug the power adapter or use the "Length Update" function in the app settings.
- **Lights not responding:** Try resetting the controller by pressing and holding the button for 5 seconds until the blue light flashes.

Video: This video provides troubleshooting steps, including how to reset the controller by pressing and holding the button for 5 seconds, indicated by flashing blue lights, to resolve connectivity or functionality issues.

SPECIFICATIONS

Brand	Lepro
Model Number	E1-30-JP
Color	RGB+CCT (2200-6500K)
Input Voltage	DC24V/0.75A (Low Voltage)
Waterproof Rating (Lights)	IP67
Waterproof Rating (Controller)	IP65
Waterproof Rating (Power Adapter)	IP20 (Requires waterproof case for outdoor use)
Length	15.3 meters (30 lights)
Connectivity	2.4GHz Wi-Fi, Bluetooth
Compatibility	Amazon Alexa, Google Assistant

WARRANTY AND SUPPORT

Lepro products are designed and manufactured to the highest quality standards. For warranty information, technical support, or any questions regarding your Lepro E1 AI Smart LED String Lights, please visit the official Lepro website or contact customer service through the Lepro app.

Please retain your purchase receipt as proof of purchase for warranty claims.