Sengled B08F1PDNFV

Sengled Zigbee LED Strip Lights Starter Kit (16.4ft RGBW) Instruction Manual

Model: B08F1PDNFV

1. INTRODUCTION

This manual provides instructions for the Sengled Zigbee LED Strip Lights Starter Kit. This kit allows you to integrate smart lighting into your home environment, offering customizable colors and tunable white light. The system is compatible with Alexa and Google Assistant, and can be controlled via the Sengled Home app.

2. PACKAGE CONTENTS

The Sengled Zigbee LED Strip Lights Starter Kit includes the following components:

- 16.4ft (5m) RGBW LED Light Strip
- Sengled Smart Hub
- AC Adapter for Hub
- Remote Control Receiver (for optional physical switch)
- Mounting clips (if included)

Image: Overview of the Sengled Zigbee LED Strip Lights Starter Kit, showing the LED strip, smart hub, and a smart switch.
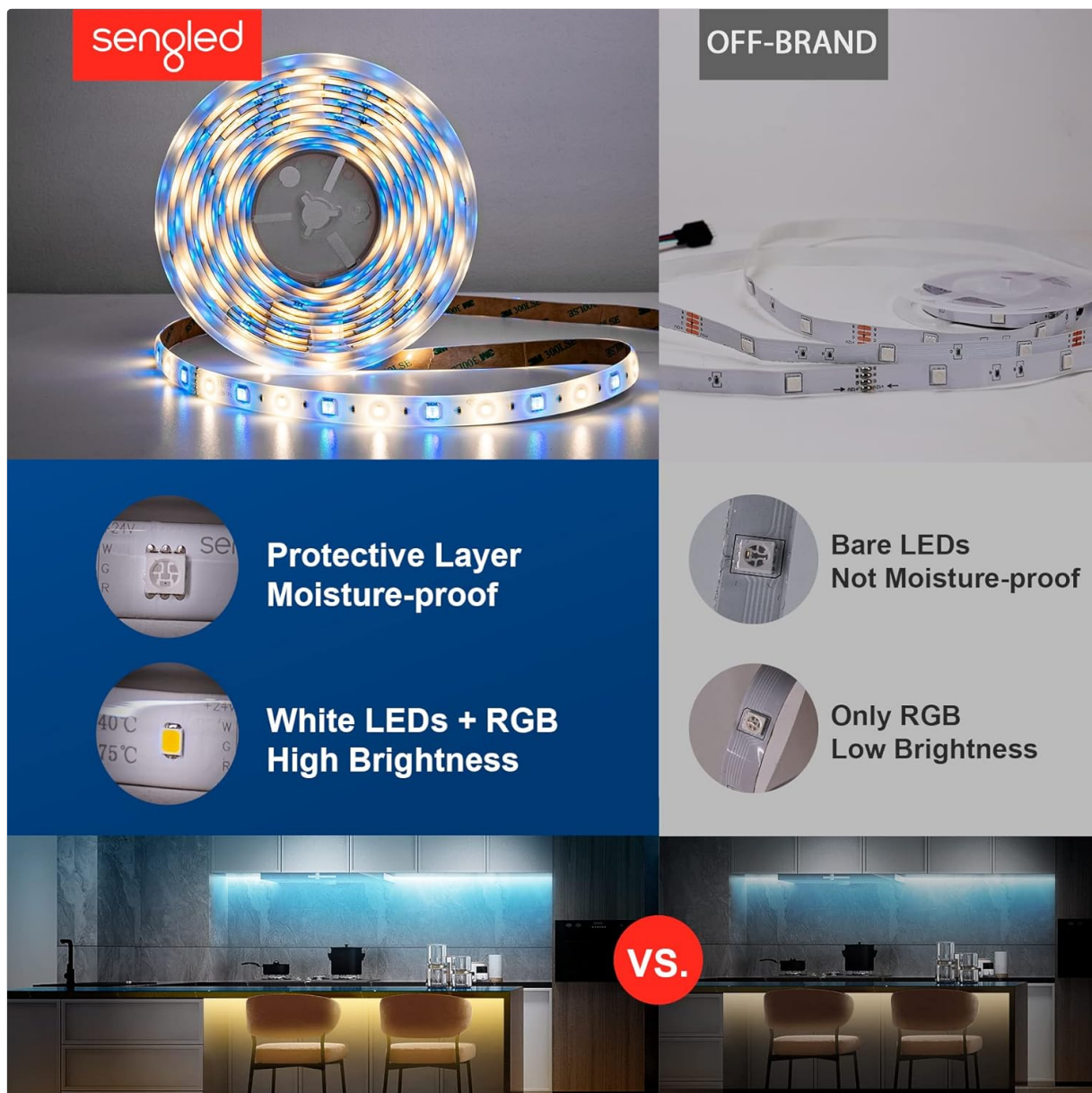
Image: Close-up view highlighting the protective layer and the inclusion of both RGB and dedicated White LEDs for high brightness and moisture resistance.

3. SETUP INSTRUCTIONS

3.1. Preparing the Installation Area

Ensure the surface where the LED strip will be installed is clean, dry, and smooth. The strip is designed for indoor use only.

3.2. Installing the LED Strip

1. Unroll the LED strip carefully.
2. Peel off the protective backing from the 3M adhesive tape on the back of the strip.
3. Press the strip firmly onto the desired surface. The strip can be cut between every 6 LEDs at designated marks to adjust its length.
4. Connect the LED strip to the remote control receiver, and then connect the receiver to the AC adapter.
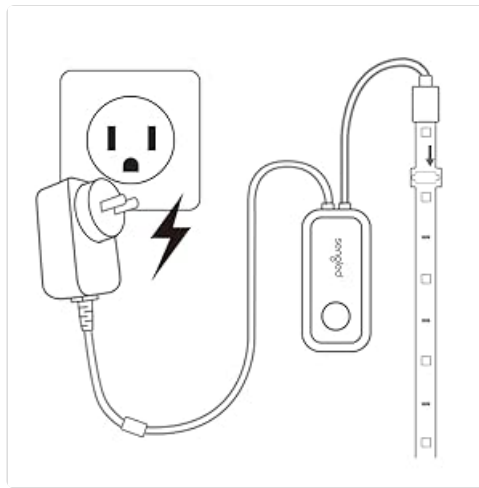5. Plug the AC adapter into a power outlet.

Image: Diagram illustrating the connection of the LED strip to the power adapter and wall outlet.

3.3. Setting up the Sengled Smart Hub and App

1. Plug in the Sengled Smart Hub and connect it to your home network (typically via Ethernet).
2. Download the Sengled Home app from your device's app store (iOS/Android).
3. Open the app and follow the on-screen instructions to create an account and add your Sengled Smart Hub.
4. Once the hub is set up, use the app to discover and pair your LED strip lights.

Image: A smartphone displaying the Sengled Home app icon, indicating the application for controlling the smart lights.

Image: A smartphone screen showing a "Congratulations" message in the Sengled Home app, prompting integration with Amazon Alexa or Google Home.

4. OPERATION

4.1. App Control (Sengled Home App)

The Sengled Home app provides comprehensive control over your LED strip lights:

- **Color Selection:** Choose from over 16 million colors.
- **Tunable White:** Adjust white light from 2000K (warm) to 6500K (cool).
- **Brightness Adjustment:** Dim or brighten the lights.
- **Scene Modes:** Select from various pre-set scenes (e.g., Game, Reading, Movie, Candlelight, Dining) or create custom ones.
- **Scheduling:** Set schedules for lights to turn on/off or change modes automatically.
- **Group Control:** Control multiple lights or groups of lights simultaneously.
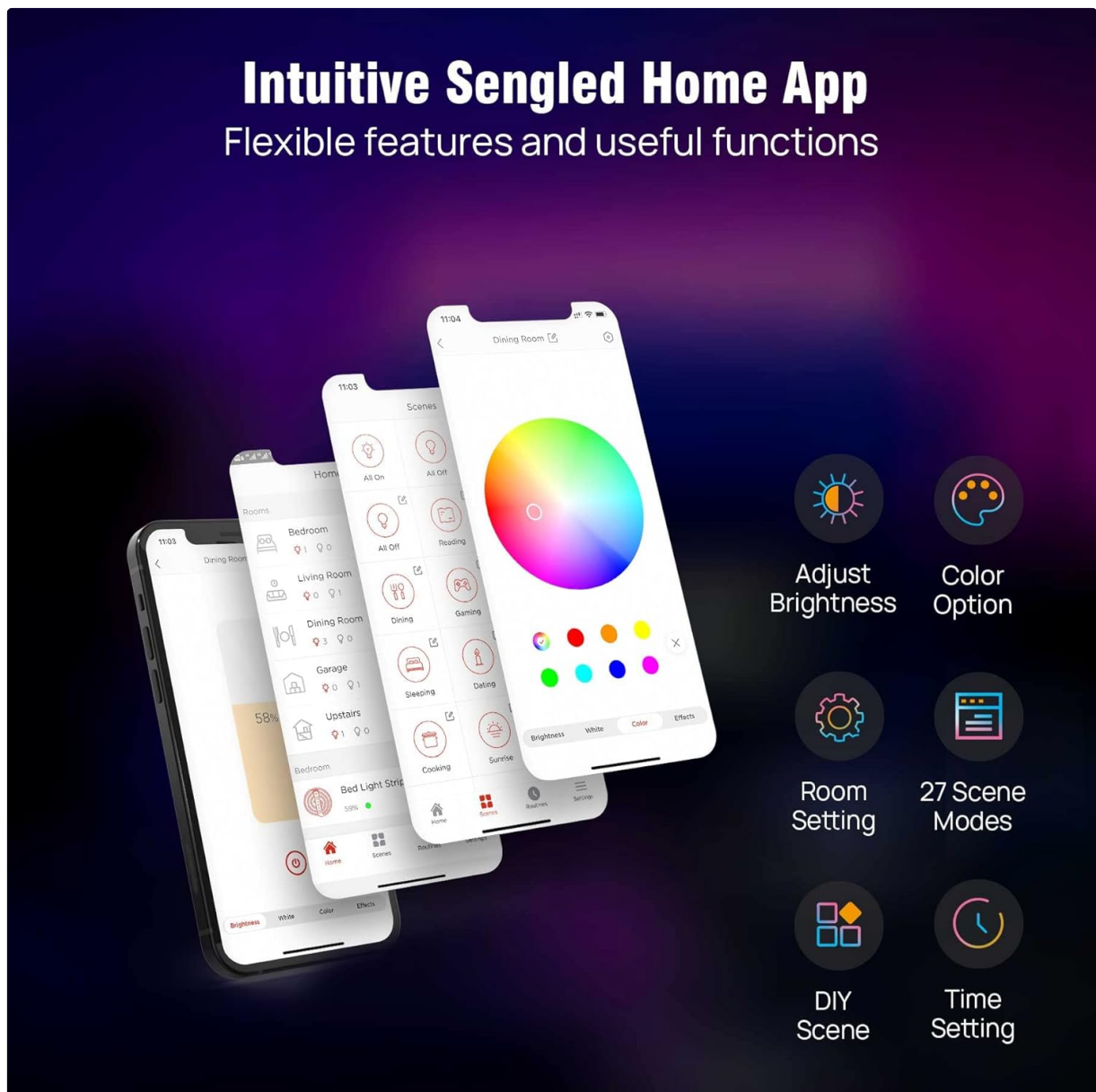
Image: A series of smartphone screens showing the intuitive Sengled Home app interface, demonstrating options for adjusting brightness, color, room settings, scene modes, DIY scenes, and time settings.

Image: A living room scene demonstrating various lighting effects from the LED strip, with icons for different scene modes like Game, Reading, Movie, Candlelight, and Dining.

4.2. Voice Control

The Sengled LED Strip Lights are compatible with Amazon Alexa and Google Assistant. After linking your Sengled account in the respective voice assistant app, you can use voice commands to control your lights.

- Example commands:

    - "Alexa, turn on the living room lights."
    - "Hey Google, set the bedroom lights to blue."
    - "Alexa, dim the kitchen lights to 50%."
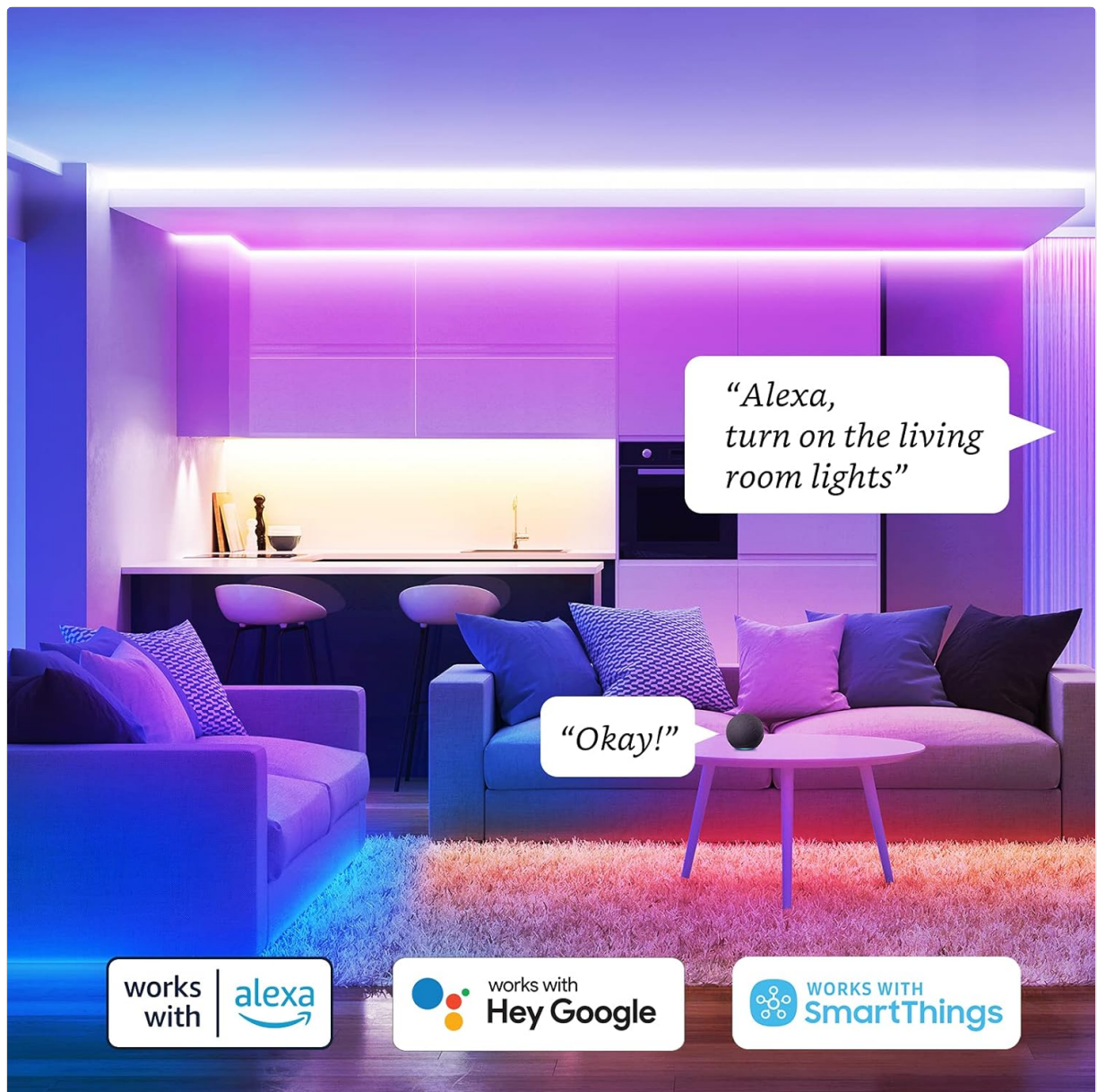
Image: A kitchen scene with LED strip lighting, showing speech bubbles indicating voice commands like "Alexa, turn on the living room lights" and "Okay!", along with logos for Alexa, Google, and SmartThings compatibility.

4.3. Group Control

Organize your smart lights into groups within the Sengled Home app to control multiple lights or entire rooms simultaneously. This allows for synchronized lighting effects and simplified management.
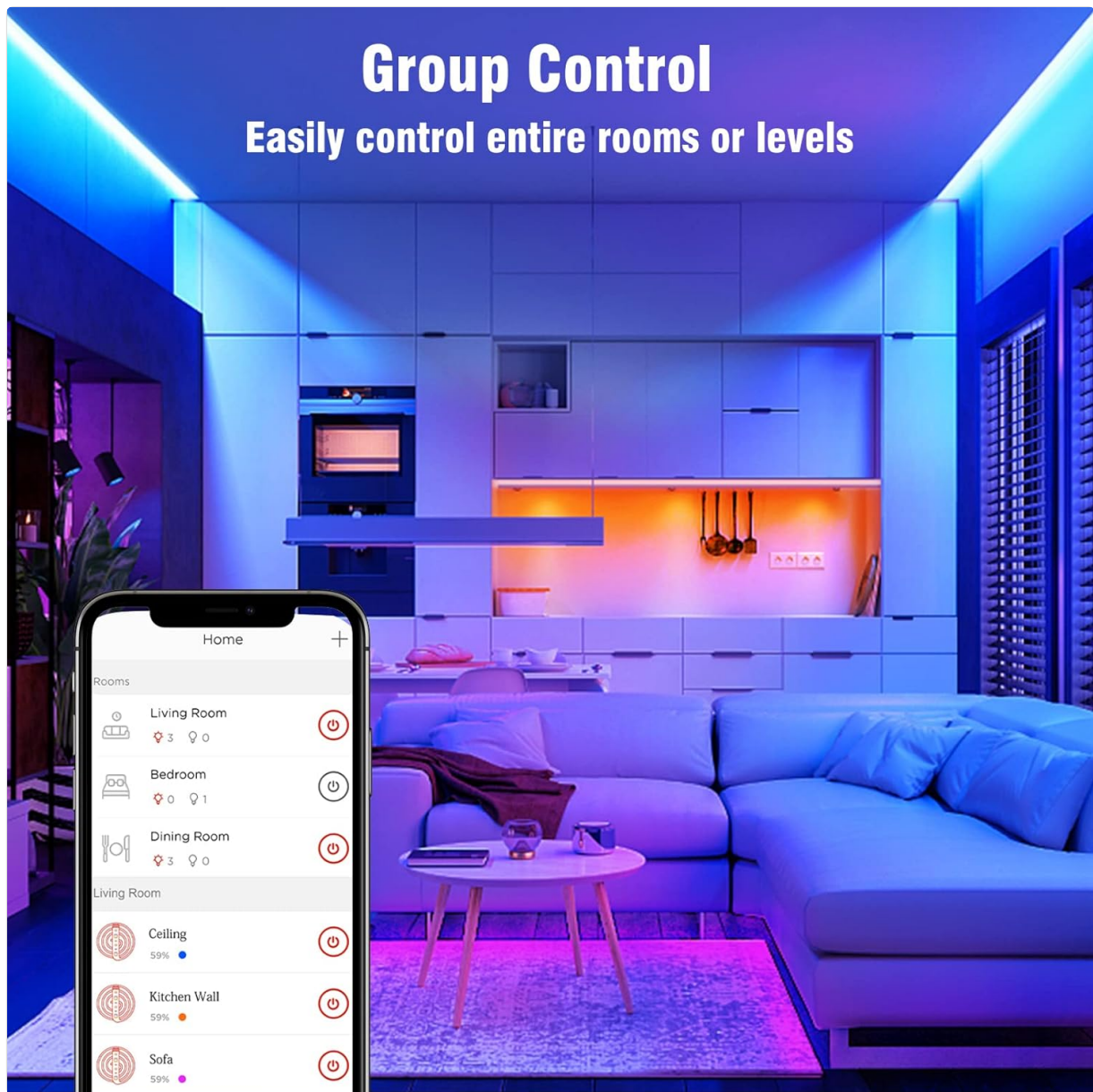
Image: A smartphone screen displaying the Sengled Home app with various rooms listed, demonstrating the ability to easily control entire rooms or levels of lighting.

5. MAINTENANCE

The Sengled LED Strip Lights require minimal maintenance. To ensure optimal performance and longevity:

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Environment:** Ensure the strip is used in an indoor environment as specified. Avoid exposure to excessive moisture or extreme temperatures.
- **Connections:** Periodically check all connections (power adapter, hub, strip) to ensure they are secure.

6. TROUBLESHOOTING

If you encounter issues with your Sengled Zigbee LED Strip Lights, refer to the following common solutions:

- **Lights not turning on:**

- Check if the power adapter is securely plugged into both the wall outlet and the LED strip receiver.
- Verify that the LED strip is correctly connected to the receiver.
- Ensure the power outlet is functional.

- **Lights not responding to app/voice commands:**

  - Confirm that the Sengled Smart Hub is powered on and connected to your home network.
  - Check your internet connection.
  - Ensure the LED strip is paired with the hub in the Sengled Home app.
  - Restart the Sengled Home app.
  - If using voice control, ensure your Sengled account is linked correctly in the Alexa or Google Home app.

- **Remote control not working:**

  - Replace the battery in the remote control (e.g., CR2032). Some users have reported that included batteries may be weak.
  - Ensure the remote is paired with the lights/hub according to the app instructions.

- **LED strip adhesive not holding:**

  - Ensure the surface was clean and dry before installation.
  - For better adhesion, consider using additional mounting clips or double-sided foam tape.

7. SPECIFICATIONS

Brand	Sengled
Model	B08F1PDNFV
Length	16.4ft (5m)
Light Type	RGBW LED
Color Temperature	2000-6500K (Tunable White)
Luminosity	1800 Lumens
Power Consumption	21W
Connectivity	Zigbee (requires Sengled Hub)
Compatibility	Amazon Alexa, Google Assistant, IFTTT
Usage Environment	Indoor use only
Cuttable	Yes, between every 6 LEDs

8. WARRANTY AND SUPPORT

This product comes with a **3-year manufacturer's guarantee**. For technical support, warranty claims, or further assistance, please contact Sengled customer service. Refer to the official Sengled website for the most current contact information.

Manufacturer: Sengled
Place of Business: ALPHARETTA, GA 30005, US

Related Documents - B08F1PDNFV

	[Sengled Smart LED Bulbs User Guide](#) A comprehensive user guide for Sengled Smart LED bulbs, covering installation, operation, safety information, and troubleshooting. Learn how to control your home lighting with the Sengled Home app, Amazon Alexa, Google Assistant, and Apple HomeKit.
	[Sengled Smart LED Bulbs User Guide and Installation Instructions](#) Comprehensive user guide for Sengled Smart LED bulbs and Smart Hub, covering installation, operation, safety, troubleshooting, and firmware updates. Compatible with Alexa, Google Assistant, and Apple HomeKit.
	[Sengled Smart LED Bulbs & Smart Plugs User Guide: Setup, Operation, and Support](#) Comprehensive user guide for Sengled Smart LED bulbs (A19 Starter Kits) and Smart Plugs (E1C-NB6). Learn about installation with Apple HomeKit, Alexa, Google Assistant, operation, safety, and troubleshooting.
	[Sengled ACK Matter Bulb: Compatibility, Setup, and Troubleshooting Q&A](#) Comprehensive Q&A covering the Sengled ACK Matter Bulb, detailing Matter compatibility, setup with Alexa and other smart home systems, troubleshooting offline issues, and factory reset procedures.
	[Sengled Smart LED User Guide: Setup, Operation, and HomeKit Integration](#) Comprehensive user guide for Sengled Smart LED bulbs and hubs, covering installation with Sengled Home app and Apple HomeKit, operation modes, troubleshooting, and warranty information.

[Sengled Smart LED Bulbs & TV Light Strips: User Manual and Installation Guide](#)

Comprehensive user manual and installation guide for Sengled Smart Bluetooth Mesh LED Bulbs and Sengled Smart Wi-Fi LED TV Light Strips. Learn about setup, operation, safety, troubleshooting, and warranty.