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> Govee COB LED Strip Light Pro, LED Lights for Bedroom Compatible with Alexa, Google Assistant and Matter, RGBICW Light with Warm White, Smart Strip Light, Color Changing, for Cabinet, 16.4ft

Govee H61E6

Govee COB LED Strip Light Pro User Manual

Model: H61E6

1. INTRODUCTION

The Govee COB LED Strip Light Pro offers advanced lighting solutions with its innovative COB (Chip-on-Board) technology, providing a continuous, spotless, and diffused light output. This smart strip light features RGBICW capabilities, allowing for vibrant color displays and functional warm white illumination. It is compatible with leading smart home platforms including Matter, Alexa, and Google Assistant, offering versatile control options. This manual provides essential information for setup, operation, and maintenance of your Govee COB LED Strip Light Pro.



Figure 1: Govee COB LED Strip Light Pro with packaging and app interface.

2. WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present:

- COB LED Strip Light x 1
- Control Box x 1
- Power Adapter x 1
- User Manual x 1

What's in the Box

- 1 Govee COB Strip Light Pro 16.4ft x 1
- 2 Adapter x 1
- 3 End Cap x 1
- 4 Cable Clip x 2
- 5 User Manual x 1

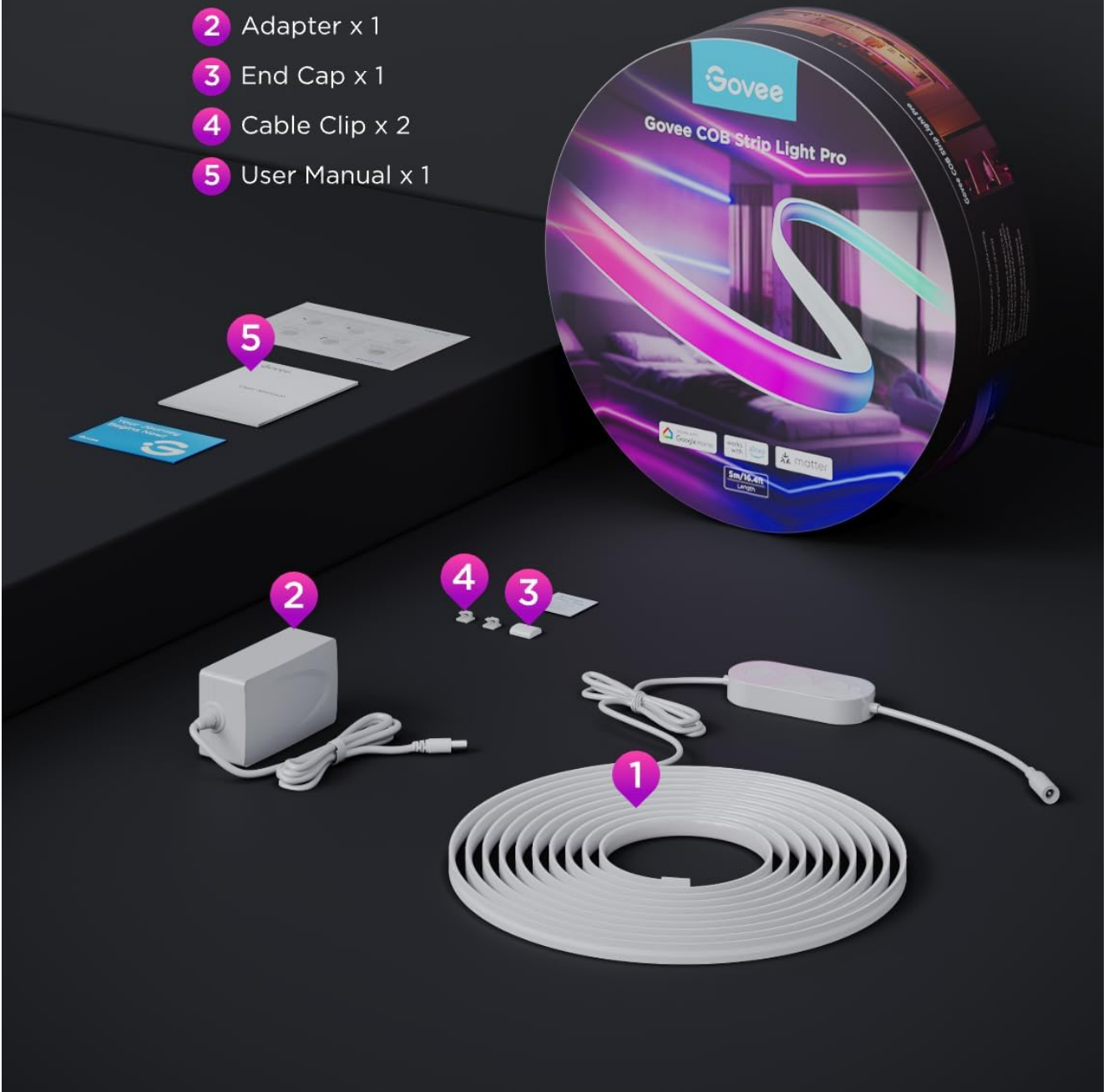


Figure 2: Included components of the Govee COB LED Strip Light Pro.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of your Govee COB LED Strip Light Pro:

1. **Measure the Required Length:** Determine the desired length for your installation area.
2. **Identify Cut Markings:** Locate the designated cut markings on the back of the strip light. These markings

indicate safe cutting points.

3. **Unplug Before Cutting: Caution:** Before cutting, always unplug the device from the power supply to prevent electrical hazards.
4. **Cut the Strip:** Carefully cut the strip light at the identified markings using scissors. **Caution:** After cutting, check for any residue at the cutout to prevent a short circuit.
5. **Install End Cap:** After cutting, install the provided end cap securely onto the cut end of the strip light.
6. **Prepare Surface:** Ensure the installation surface is clean, dry, and smooth for optimal adhesion.
7. **Apply Strip Light:** Peel off the adhesive backing and firmly press the strip light onto the desired surface. The upgraded acrylic backing provides strong adhesion.

Stick, Plug and Use

Cuttable. Install Anywhere You Desire



Figure 3: Cutting and adhesive application of the strip light.

3.1. Cutting and Connecting Video Guide

For a visual guide on how to cut and connect your Govee COB Strip Light Pro, please watch the official video below:

Video: How to cut and connect the Govee COB Strip Light Pro. This video demonstrates measuring, identifying cut marks, safely cutting the strip, and applying the end cap.

4. OPERATING INSTRUCTIONS

Your Govee COB LED Strip Light Pro can be controlled via the Govee Home App, voice commands, or the inline control box.

4.1. Govee Home App Connection

1. Download the Govee Home App from your device's app store.
2. Open the Govee Home App and create an account or log in.
3. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
4. In the app, tap the '+' icon to add a new device. Search for "H61E6" or "COB Strip Light Pro".
5. Follow the in-app instructions to connect your device. You may need to short-press the On/Off button on the control box for pairing.
6. **Calibration:** When you first connect the device, if you have cut the strip light, the app will prompt you to perform calibration. This ensures accurate lighting effects. You can also access calibration later in the "Settings" page within the app. Follow the on-screen instructions to adjust the cut length.

4.2. Smart Control and Features

Once connected, the Govee Home App unlocks a wide range of functionalities:

- **Color and Brightness Adjustment:** Precisely control colors, saturation, and brightness.
- **RGBIC with Warm White:** Utilize the RGBICW feature for both vibrant color options and seamless soft warm white illumination.
- **Customized Segmented Control:** The DIY Mode allows control of 12-segments per meter for personalized color displays and ultra-smooth light effects.
- **Preset Scene Modes:** Choose from a variety of preset scene modes to instantly set the ambiance for any occasion.
- **Music Mode:** Sync your lights with music for dynamic lighting effects.

Wide Selection of Preset Modes

Curate the Ambiance for Any Occasion

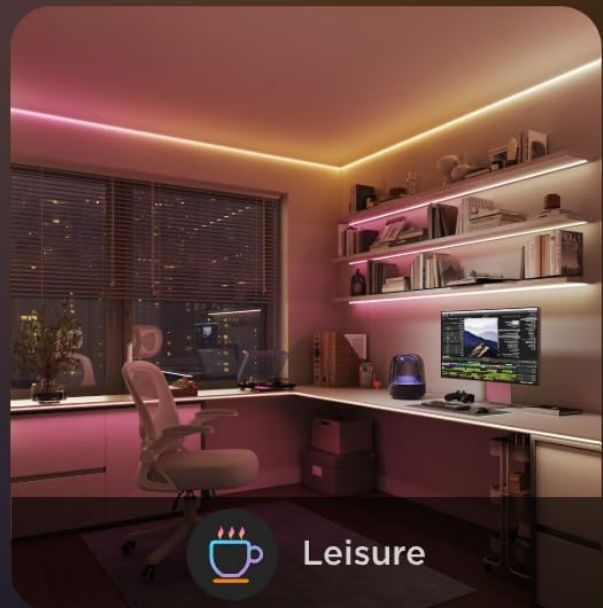
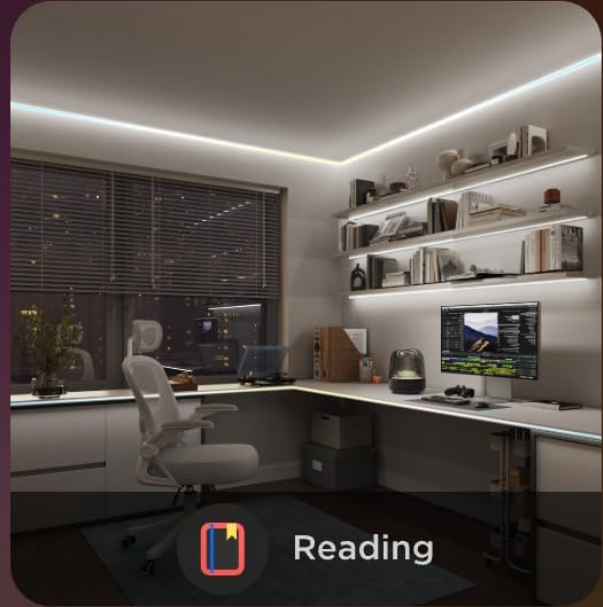


Figure 4: Examples of preset lighting modes.

Customized Segmented Control

Create Unique Lighting Effects



Figure 5: Customized segmented control via the Govee Home App.

4.3. Voice Control

The Govee COB LED Strip Light Pro is compatible with Matter, Alexa, and Google Assistant. Once connected to your smart home system, you can use voice commands for hands-free control.

- **Example Commands:**

- "Hey Siri, turn on my strip light."
- "Alexa, set the bedroom lights to blue."
- "Hey Google, dim the cabinet lights to 50%."

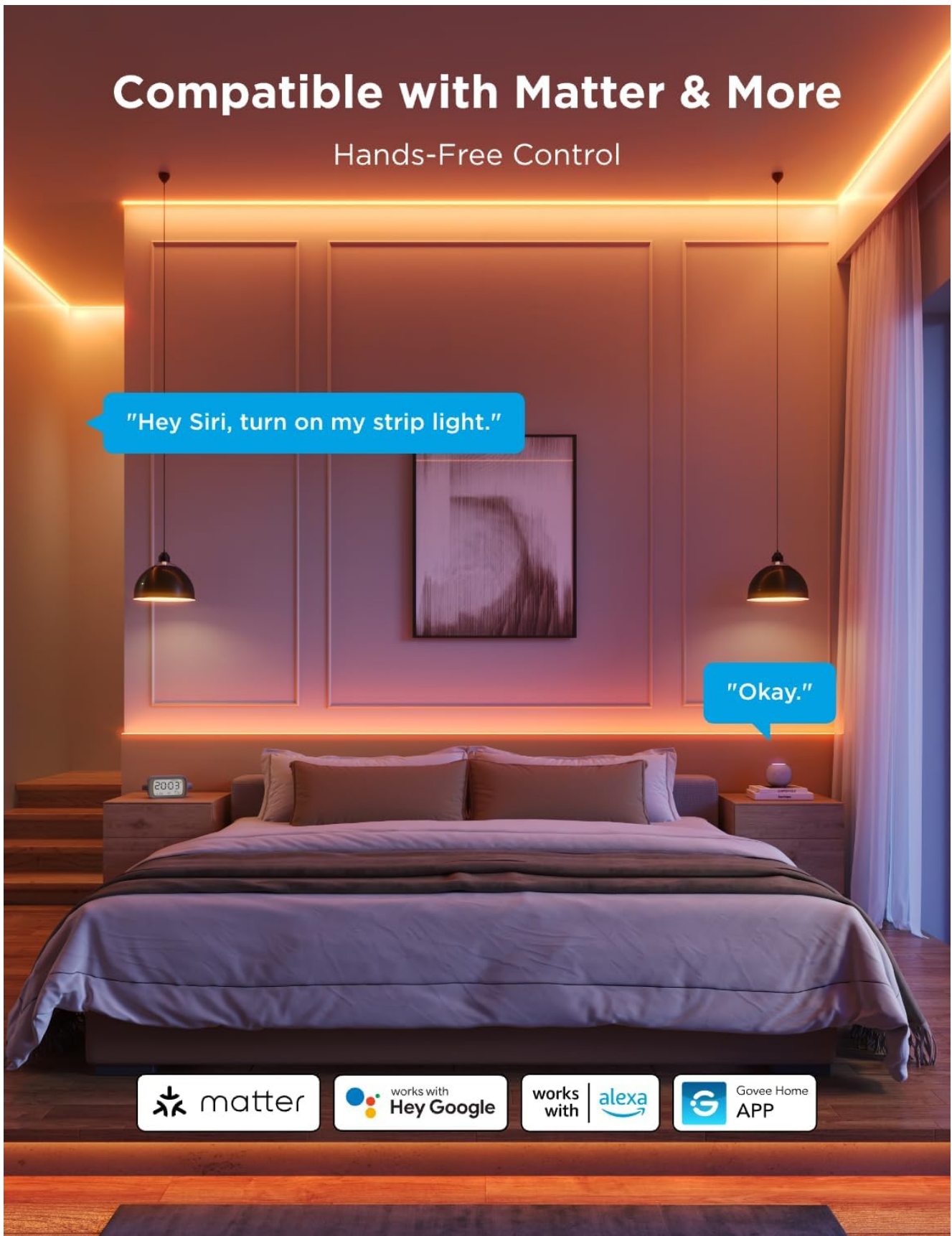


Figure 6: Voice control compatibility with smart assistants.

5. PRODUCT FEATURES

- **Next-Gen COB Technology:** Crafted with integrated packaging technology and 1260 LEDs/m, providing brighter, smoother, and fluid lighting effects. Can be used as supplementary lighting.
- **Spotless and Diffused Lighting:** Encased in a soft silicone sleeve for continuous and spotless illumination, suitable for surface mounting and enhancing lighting designs.
- **RGBIC with Warm White:** Offers a wide range of color options and seamless soft white light for functional illumination.
- **Smart Home Compatibility:** Works with all certified smart home platforms, including HomeKit, Alexa, Google Assistant, and Matter.
- **More DIY Fun:** Govee Home App's DIY Mode allows control of 12-segments per meter for personalized color displays and ultra-smooth light effects.
- **Easy Installation:** Features custom adhesive backing for enhanced stickiness and is cuttable with markings every 8cm for custom lengths.

Spotless Brilliance and Diffused

Next-Gen COB Technology Provides Ultra-Brightness

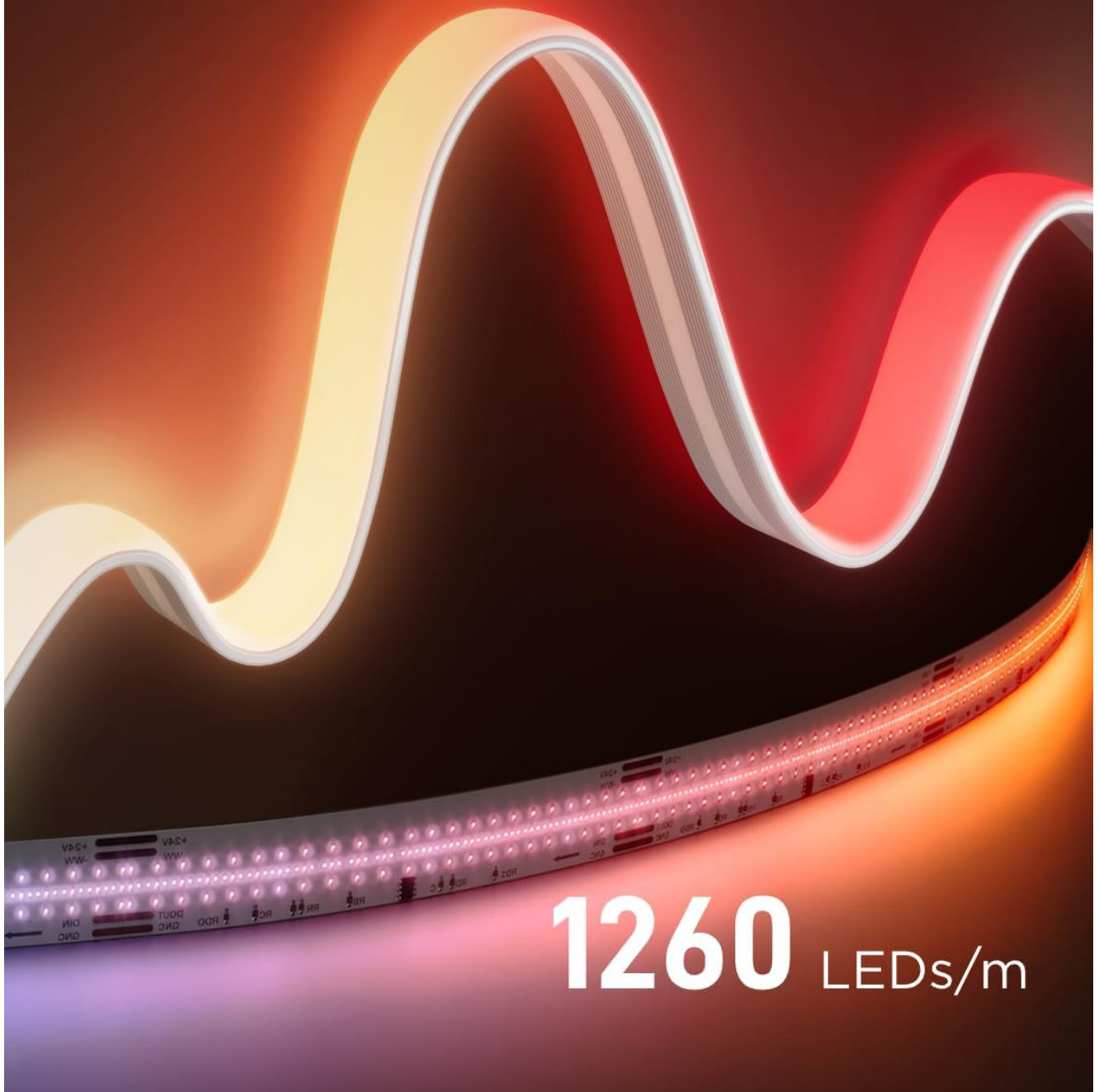


Figure 7: Spotless and diffused lighting from COB technology.

RGBIC+W Lamp Beads

For Accent and Multicolor Lighting



Accent Lighting



Multicolor Lighting

Figure 8: Accent and multicolor lighting capabilities.

Spotless Decoration on the Surface of Walls

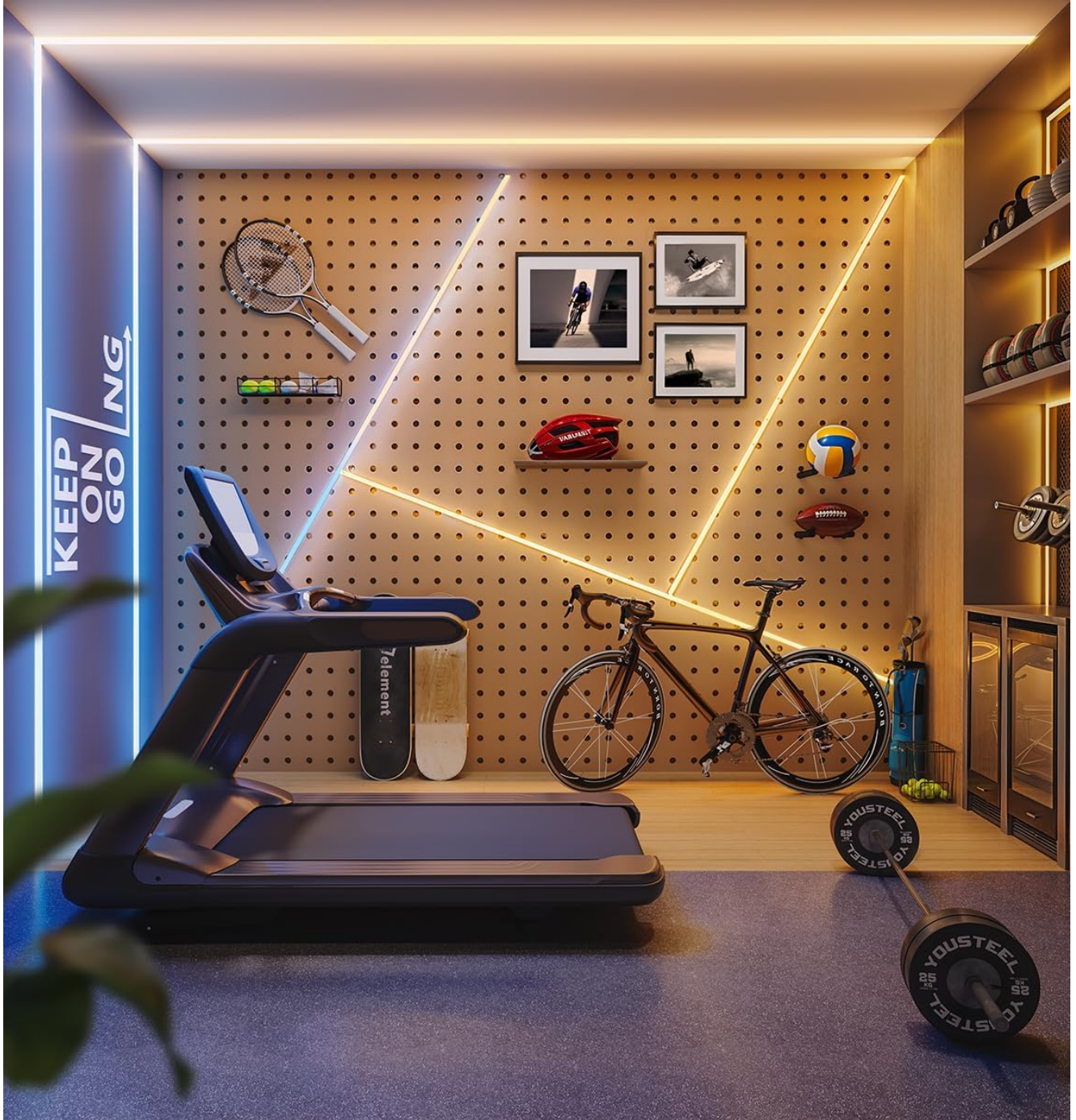


Figure 9: Spotless decoration on walls.

6. SPECIFICATIONS

Attribute	Detail
Brand	Govee

Model Number	H61E6
Indoor/Outdoor Usage	Indoor
Special Feature	Color Changing, Dimmable
Light Source Type	LED
Power Source	AC/DC
Light Color	Multicolor
Theme	Music
Style	Modern
Material	Rubber
Controller Type	Voice Control
Connectivity Protocol	Bluetooth, Wi-Fi
Number of Light Sources	150
Voltage	24 Volts
Wattage	72 watts
Item Weight	3.3 Pounds
Water Resistance Level	Not Water Resistant
UPC	810088349416

7. TROUBLESHOOTING

If you encounter issues with your Govee COB LED Strip Light Pro, refer to the following common solutions:

- **Light Not Turning On:**

- Check if the power adapter is securely connected to both the strip light and a working power outlet.
- Ensure the power outlet is active.
- Verify that the strip light has not been cut incorrectly (not at the designated markings) or that there is no residue causing a short circuit at the cut end.

- **Cannot Connect to Govee Home App:**

- Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
- Make sure your phone is within close proximity to the strip light.
- Restart the Govee Home App and try connecting again.
- Reset the strip light by unplugging it for 10 seconds and plugging it back in.
- Confirm you are connecting to a 2.4GHz Wi-Fi network, as 5GHz networks are not supported.

- **Inconsistent Lighting/Colors:**

- Perform a length calibration in the Govee Home App's settings if the strip light was cut.

- Check for any physical damage or kinks in the strip light.
- **Voice Control Not Working:**
 - Ensure the strip light is properly linked to your Alexa, Google Assistant, or Matter smart home system.
 - Check your internet connection.
 - Verify that the voice commands are correctly phrased.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Govee COB LED Strip Light Pro, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the strip light with a dry, soft cloth to remove dust. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** If storing the strip light for an extended period, coil it loosely and keep it in a cool, dry place away from direct sunlight.
- **Avoid Bending Sharply:** While flexible, avoid bending the strip light at sharp angles to prevent damage to the internal components.
- **Power Off When Not in Use:** Unplug the strip light from the power source when not in use for extended periods to conserve energy and prolong its lifespan.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please visit the official Govee website or contact Govee customer service. You can also find additional resources and FAQs on the [Govee Store on Amazon](#).