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LAMPAOUS YF-P-CA-06

LAMPAOUS Smart Under Cabinet Lighting System User Manual

Model: YF-P-CA-06

1. INTRODUCTION

Thank you for choosing the LAMPAOUS Smart Under Cabinet Lighting System. This product is designed to provide versatile and intelligent illumination for your home, offering both functional white light and vibrant RGB colors. With smart control features, you can easily manage your lighting experience via a smartphone application or voice commands through compatible smart assistants.

2. PRODUCT OVERVIEW & COMPONENTS

The LAMPAOUS Smart Under Cabinet Lighting System (6 Lights Bar Kit) includes the following components:

- 6 x LED Light Bars (12"L x 1.5"W x 0.35"H each)
- 1 x Power Adapter
- 1 x Smart Control Box
- Extension Cords (various lengths)
- Mounting Hardware (adhesive tape and screws/clips)

Music Sync & Timer Mode

These shelves light colors change and flash in sync with the rhythm of music,shelves lights will dance with any music types and lighting along with the beat.also,light bars will turn on/off as you scheduled,



Figure 2.1: System Components and Dimensions. This diagram illustrates each part of the lighting kit, including the LED light bars, power adapter, control box, and various connecting cables, along with their respective measurements for planning installation.

3. SETUP

3.1 Initial Connection

1. Connect the LED light bars to the Smart Control Box using the provided cables. Ensure all connections are secure.
2. Connect the Power Adapter to the Smart Control Box.
3. Plug the Power Adapter into a standard electrical outlet. The lights should illuminate.

3.2 App Installation and Pairing

1. Download the 'Smart Life' application from your smartphone's app store (available on iOS and Android).
2. Register or log in to your Smart Life account.
3. In the app, tap '+' to add a new device. Follow the on-screen instructions to put the lighting system into pairing mode (usually by cycling power or pressing a button on the control box).
4. Select the lighting device from the app's discovery list and complete the pairing process. Ensure your Wi-Fi network is 2.4GHz, as the device may not support 5GHz networks.

4. OPERATING INSTRUCTIONS

4.1 App Control

The Smart Life app allows comprehensive control over your lighting system from anywhere. You can manage individual lights or group them for synchronized control.

- **On/Off:** Toggle the power for the lights.
- **Brightness Adjustment:** Adjust the light intensity from 0% to 100%.
- **Color Selection:** Choose from over 16 million RGB colors.
- **Color Temperature:** Adjust white light from 2700K (warm white) to 6500K (cool white).
- **Scene Modes:** Select pre-set lighting scenes or create custom ones.
- **Scheduling:** Set timers for lights to turn on/off at specific times.

Smart App Control

Distance disregarding control with SmartLife APP, no matter where you install this shelf lights, you can easily control the light color/brightness/mode/switch, etc.



Figure 4.1: Smart App Control. This image demonstrates the use of the Smart Life app to control the lighting system, showing a user adjusting light settings on their phone while the lights illuminate a room with different colors.

4.2 Voice Control

The lighting system is compatible with Amazon Alexa and Google Assistant, allowing for hands-free control.

- **Linking:** Link your Smart Life account to your Alexa or Google Home app.
- **Commands:** Use voice commands such as "Alexa, turn on kitchen lights" or "Hey Google, set cabinet lights to blue."

Voice Control

Go hands free with voice command control, works with alexa, google home, echo, IFTTT, use simple conversation starters to turn your cbinets lights on and off.

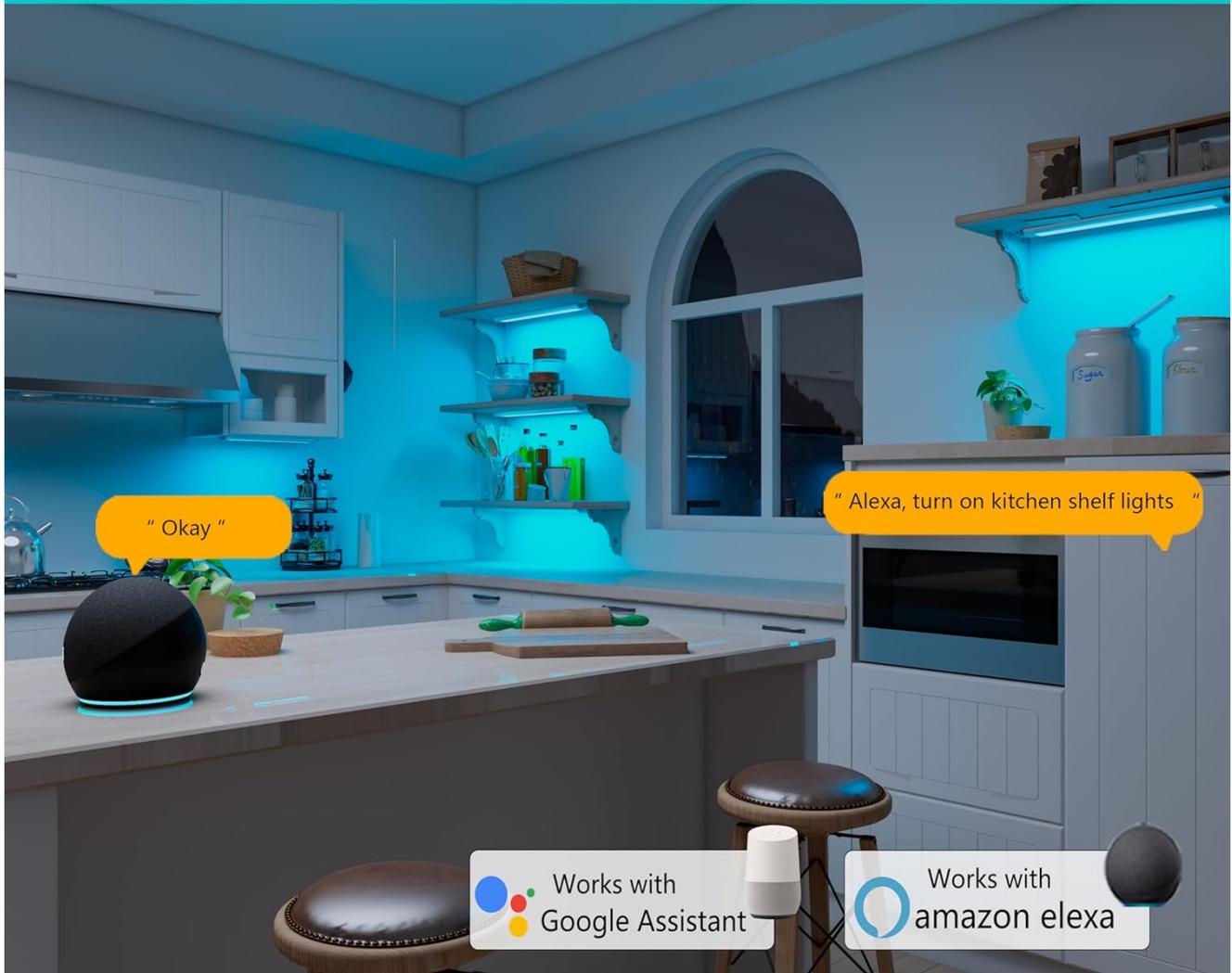


Figure 4.2: Voice Control Integration. This image illustrates how the lighting system can be controlled using voice commands through Amazon Alexa and Google Assistant devices, showing the lights responding to spoken instructions.

4.3 Color and Brightness Adjustment

The RGBCW design allows for both rich colored lighting and high-quality white light. The white light is produced by dedicated white LEDs (CRI > 85), not a mix of RGB colors, ensuring accurate and bright illumination.

CCT White Tunable

2700k warm white to 6500k cold white adjustable, brightness dimming from 0%-100%.

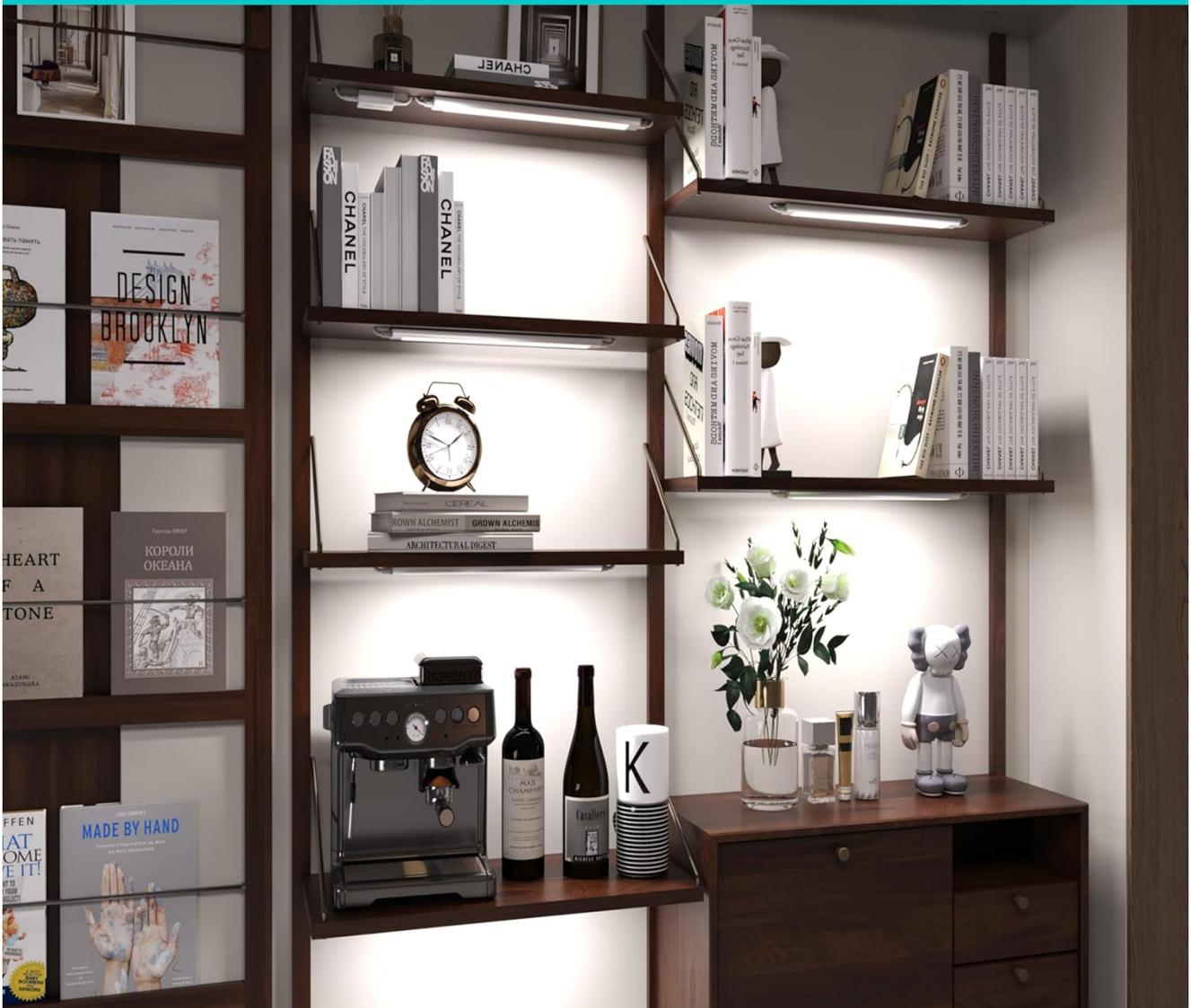


Figure 4.3: CCT White Tunable. This image shows the lighting system set to a warm white, demonstrating its ability to adjust color temperature from 2700K (warm) to 6500K (cool) and dim brightness from 0% to 100%.

4.4 Music Sync & Timer Mode

Enhance your environment with dynamic lighting effects that respond to music or automate your lighting schedule.

- **Music Sync:** The lights can change color and flash in sync with the rhythm of music played nearby or through the app.
- **Timer Mode:** Program your lights to turn on or off at specific times, providing convenience and energy savings.

Linkable & Expandable

Linkable and flexible, The LED bar lights can be linked directly or with extension cord. Flexible design for any layout cabinet, book shelf, display case cabinets..



Figure 4.4: Music Sync & Timer Mode. This image illustrates the lighting system's ability to synchronize with music, creating dynamic light shows, and also highlights the timer function for scheduled operation.

5. INSTALLATION

The lighting bars can be installed using either adhesive tape or screws and clips, offering flexibility for various surfaces.

5.1 Mounting Options

- **Adhesive Tape:** For smooth, clean surfaces, use the pre-applied adhesive tape on the back of each light bar. Ensure the surface is dry and free of dust or grease before application for optimal adhesion.
- **Screws and Clips:** For a more permanent installation or uneven surfaces, use the provided screws and clips. Mark the desired positions, drill pilot holes if necessary, and secure the clips before snapping the light bars into place.

5.2 Placement and Expansion

The LED light bars are linkable and expandable, allowing for flexible layouts to suit your specific needs, whether for cabinets, bookshelves, or display cases.

Wide Application

With adhesive tape on the back and screws for easy installation, suitable for fitting to all types of under cabinet, book shelves and display case cabinets, Showcase.



Figure 5.1: Linkable & Expandable Installation. This image shows the light bars installed under kitchen cabinets, demonstrating their flexible design and how they can be linked together or with extension cords to fit various layouts.

Accessories & Dimensions

① LED light strip

② Power supply

③ DC-DC Extension cord

④ 7pins male to female cable

⑤ Smart control box

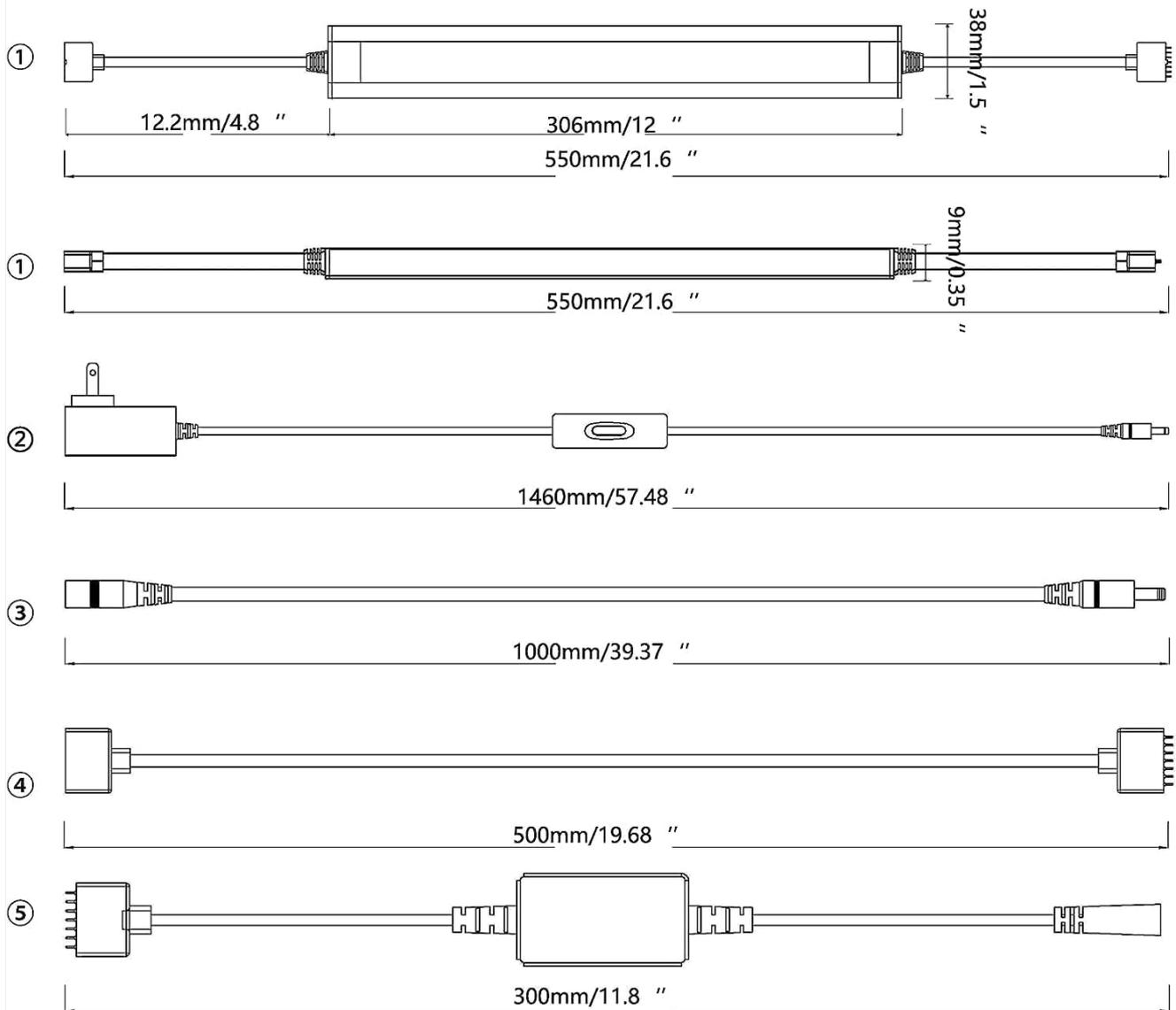


Figure 5.2: Wide Application. This image displays the versatility of the lighting system, showing it installed on a large bookshelf unit, highlighting its suitability for various applications beyond just under-cabinet lighting.

6. MAINTENANCE

To ensure the longevity and optimal performance of your LAMPAOUS Smart Under Cabinet Lighting System, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the light bars with a soft, dry cloth to remove dust. For stubborn marks, a slightly damp cloth can be used, but ensure the lights are unplugged and completely dry before reconnecting power.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electronic components.
- **Inspect Connections:** Periodically check all cable connections to ensure they remain secure and free from damage.
- **Environmental Conditions:** This product is designed for indoor use only and is not water resistant. Avoid exposure to excessive moisture or extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your lighting system, please refer to the following common troubleshooting steps:

- **Lights Not Turning On:**

- Check if the power adapter is securely plugged into both the control box and the wall outlet.
- Ensure all light bar connections to the control box are firm.
- Verify the wall outlet is functional by plugging in another device.

- **Lights Not Responding to App/Voice Control:**

- Confirm your smartphone or smart assistant device is connected to the internet.
- Check if the lighting system is still connected to your Wi-Fi network (2.4GHz recommended).
- Restart the Smart Life app.
- Unplug the lighting system from power for 10 seconds, then plug it back in to reset.
- If the issue persists, try re-pairing the device with the Smart Life app.

- **Incorrect Colors or Flickering:**

- Ensure the app is updated to the latest version.
- Check for any loose connections between the light bars and the control box.
- Perform a power cycle (unplug and replug) to reset the system.

- **Difficulty with Voice Assistant Integration:**

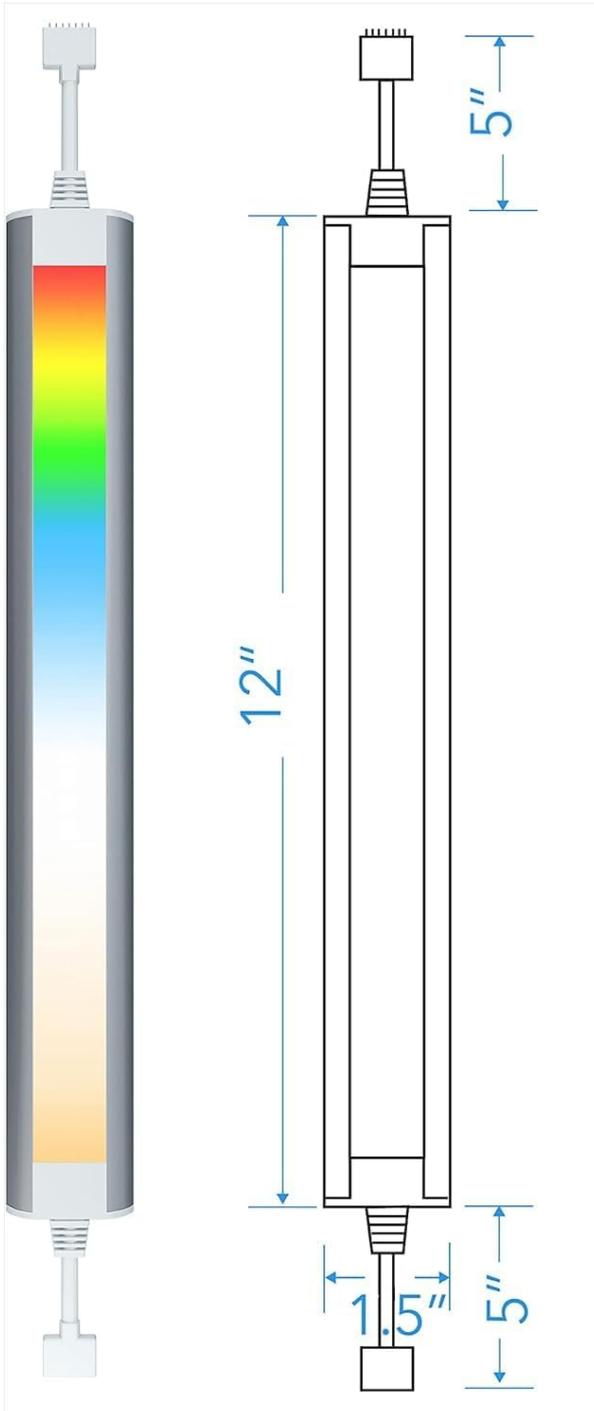
- Verify that the Smart Life skill/service is enabled in your Alexa or Google Home app.
- Ensure the device names in Smart Life match those recognized by your voice assistant.
- Try re-discovering devices through your voice assistant app.

If these steps do not resolve the issue, please contact LAMPAOUS customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	LAMPAOUS
Model Number	YF-P-CA-06
Product Dimensions	12"L x 1.5"W x 0.35"H (each light bar)
Item Weight	2.49 Pounds (total kit)
Material	Aluminum
Light Source Type	LED
Number of Light Sources	6
Color	White (2700-6500K adjustable) and Multi Color (Over 16 million colors)
Brightness	2000 Lumens
Color Rendering Index (CRI)	85.00
Voltage	12 Volts
Wattage	12 Watts

Feature	Specification
Control Method	App, Voice
Connectivity Protocol	Wi-Fi
Installation Type	Flush Mount, Under Cabinet
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant



24 Watt White & Color Ambiance
Under Cabinet Lights
150 W Equivalent
Model No. CabiSmart RGBCW 6000

Brightness	Estimated Energy Cost
2000 lumens	\$ 4.32 per year

Lighting Facts

Brightness	2000 lumens
Estimated Yearly Energy Cost Based on 3 hrs/day 11c/kWh cost depends on rates and use	\$4.32
Life Years based on 3 hrs/day	10 Years
Color Appearance	 16 millions color for selection 2700K-6500K warm to cool white tunable  8 types customize color scenes



Figure 8.1: Lighting Facts and Dimensions. This image provides detailed specifications for the light bars, including brightness (2000 lumens), estimated annual energy cost (\$4.32), and color appearance options.

9. WARRANTY & SUPPORT

LAMPAOUS products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or replacement parts, please refer to the contact information provided with your product packaging or visit the official LAMPAOUS website. Please have your model number (YF-P-CA-06) and purchase details ready when contacting support.

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