



[Manuals.plus](#) /
› [APPECK](#) /
› APPECK Permanent Outdoor Lights 400ft (Model C5111-D) Instruction Manual

APPECK C5111-D

APPECK Permanent Outdoor Lights 400ft (Model C5111-D) Instruction Manual

INTRODUCTION

Thank you for choosing APPECK Permanent Outdoor Lights. This 400ft lighting system features 288 smart RGBW LED lights designed for year-round outdoor use. With an IP67 waterproof rating, 40 lumens per light, and compatibility with the Smart Life App and Alexa, these lights offer customizable illumination for various occasions. This manual provides essential information for safe installation, operation, and maintenance of your lighting system.

WHAT'S IN THE BOX

- 400ft Permanent Outdoor Lights Set (1)
- Power Adapter (1)
- Control Box (1)
- Extension Line (4)
- Remote Controller (1) *(Note: AAA batteries not included)*
- Screw Pack (8)
- Tail Plug (1)
- User Manual (1)

SPECIFICATIONS

Feature	Detail
Model Number	C5111-D

Light Source Type	LED (RGBW)
Number of LED Lights	288
Brightness per Light	40 LM
Voltage	DC 36V
Waterproof Rating	IP67
Operating Temperature	-25°C to 50°C
Lifespan	50,000 hours
Control Methods	App, Remote, Voice (Alexa, Google Assistant)
Connectivity	2.4G Wi-Fi
Material	Plastic

Safety Information

- Ensure the power adapter is connected to a suitable outdoor-rated power outlet.
- Do not attempt to modify or repair the lights or components yourself. Contact customer support if issues arise.
- Keep children and pets away from the installation area during setup.
- Always disconnect power before performing any maintenance or adjustments.
- The remote control requires AAA batteries (not included). Ensure correct polarity when inserting.

Installation Guide

The APPECK Permanent Outdoor Lights are designed for track-mount installation on linear and irregular structures such as eaves, walls, and courtyards. Follow these steps for proper setup:

1. Prepare the Installation Surface

1. Confirm the desired installation position for your lights.
2. Clean the dust and debris from the wall or eaves surface to ensure proper adhesion.

2. Mount the Lights



This image illustrates the six key steps for installing the lights, from surface preparation to app connection.

3. Peel off the protective film from the LED bulb's adhesive backing.
4. Carefully stick the light to the prepared surface and press firmly for 5 seconds to ensure good contact.
5. For added security, use the provided screws to secure each string light. It is recommended to use 2 screws per light for optimal stability.

3. Connect the Light Strings



This diagram demonstrates the proper parallel branch connection using the Y-shaped connector.

- Connect the power supply to the control box.
- Connect the Y-shaped cable to the control box.
- Connect the light strings to the two ends of the Y-shaped cable respectively. This parallel branch configuration is crucial for stable operation and to prevent insufficient power supply or signal interruption.
- Use the waterproof connectors to securely join multiple light strings.

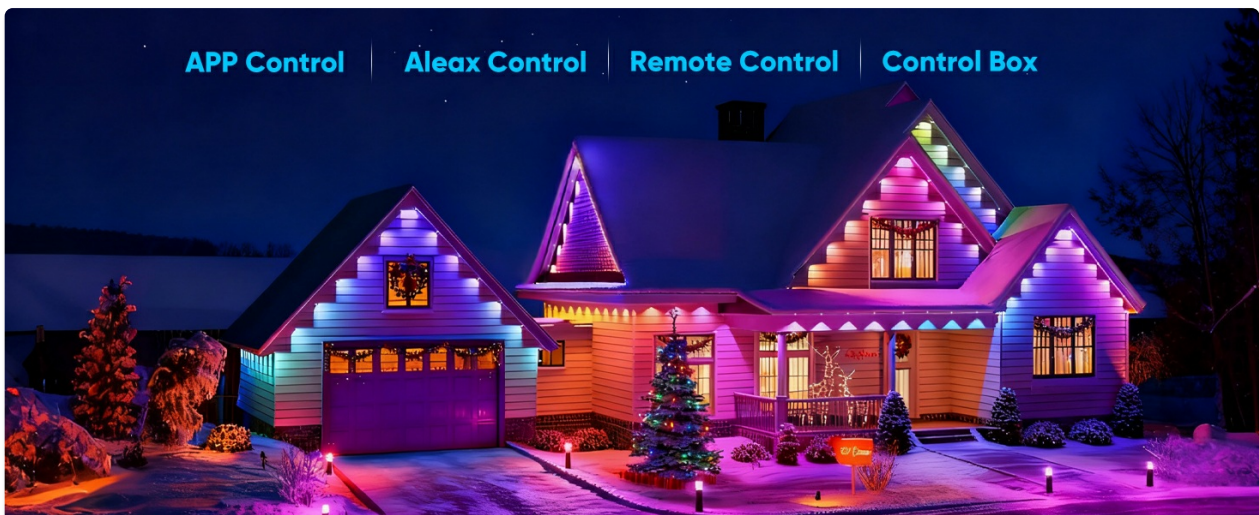
4. Power On and App Connection

6. Plug the power adapter into an electrical outlet.
7. Press and hold the button on the control box for 6 seconds until the lights flash red.
8. Open the Smart Life App on your smartphone and follow the in-app instructions to connect the lights via a 2.4G Wi-Fi network.

OPERATING INSTRUCTIONS

Your APPECK Permanent Outdoor Lights offer multiple control options for a personalized lighting experience.

1. Smart Life App Control



This image displays the variety of scene modes available through the Smart Life app.

- **Color Customization:** Choose from 16 million color combinations and adjust brightness levels. The lights support RGB and warm white light adjustment from 2700K to 3200K.
- **Scene Modes:** Select from 111 pre-set scene modes for various holidays and moods.
- **Individual Light Control:** Each LED light can be controlled individually for color and brightness, allowing for intricate lighting designs.
- **Scheduling:** Program your lights to turn on/off, change colors, or activate specific scenes at scheduled times.
- **Grouping:** Group multiple APPECK light sets together for synchronized control.

2. Voice Control



This image demonstrates voice control integration with smart assistants.

- The lights are compatible with Amazon Alexa and Google Assistant.
- Use voice commands to turn lights on/off, change colors, or adjust brightness.

3. Music Sync

- The outdoor LED lights can capture sounds via their built-in microphone or your smartphone.
- The lights will pulse and change colors in rhythm with the music, enhancing party atmospheres.

4. Remote Control

- Use the included remote controller for basic functions such as turning lights on/off, changing colors, and selecting pre-set modes.
- Ensure AAA batteries are installed correctly in the remote.

Your browser does not support the video tag.

Video: APPECK Smart RGBW Permanent Outdoor Lights, IP67 Waterproof. This video demonstrates the lights' features and durability in various settings.

MAINTENANCE

- **Durability:** The lights have an IP67 waterproof rating and are designed to withstand extreme outdoor temperatures from -25°C to 50°C, including sunny spells, rainy weather, heavy snow, and thunderstorms.
- **Lifespan:** With an impressive 50,000-hour lifespan, these lights are built for long-term use without frequent replacement.

- **Cleaning:** Periodically wipe the light surfaces with a soft, damp cloth to remove dirt and debris. Do not use harsh chemicals or abrasive cleaners.
- **Year-Round Use:** No disassembly is needed throughout the year, making them a permanent lighting solution.



This image highlights the IP67 waterproof rating and suitability for various weather conditions.

TROUBLESHOOTING

1. App Displays "Actual Point 144"



This image clarifies the app's display for light count.

- The "Actual Point 144" displayed in the app refers to the maximum number of lights supported by a single circuit, not the total number of lights in your 400ft set (288 LEDs).
- This branch connection design protects the light strings and controller by preventing insufficient power supply and signal interruption.
- Ensure your light strings are connected in a "parallel branch" configuration using the included Y-shaped connector to ensure all lights turn on and operate stably. Do not connect all light strings to a single circuit.

2. Lights Not Turning On / Partial Illumination

- Check all physical connections, ensuring they are secure and waterproof connectors are properly tightened.

- Verify that the power adapter is correctly plugged into a working outlet.
- Confirm that the Y-shaped connector is used for parallel branching, especially for longer light runs, as connecting too many lights to a single circuit can cause issues.
- If only a section of lights is out, inspect the connections immediately preceding that section.

3. App Connectivity Issues

- Ensure your smartphone is connected to a 2.4G Wi-Fi network during the initial setup and for ongoing control. The app does not support 5G Wi-Fi.
- Restart your Wi-Fi router and try connecting again.
- Make sure the lights are in pairing mode (flashing red) when attempting to connect via the app.

4. Remote Control Not Working

- Check if AAA batteries are correctly inserted and have sufficient charge. Replace if necessary.
- Ensure there are no obstructions between the remote and the control box.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official APPECK website. Keep your purchase receipt as proof of purchase for any warranty claims.