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ASAHOM S107C

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Model: S107C | Brand: ASAHOM

1. PRODUCT OVERVIEW

The ASAHOM AI Permanent Outdoor Lights S107C are designed to provide versatile and durable outdoor lighting for your home. Featuring 108 RGBCW LED lights across 150 feet, these lights offer a wide range of color options and dynamic effects. They are built for outdoor durability with an IP67 waterproof rating and are controllable via a smart app or voice commands.



Figure 1: ASAHOM AI Permanent Outdoor Lights S107C installed on a house, demonstrating various lighting effects and app control.

2. WHAT'S IN THE BOX

- 5m (12 LEDs) string section x 6
- 2.5m (6 LEDs) string section x 5
- 0.42m (1 LEDs) string section x 6
- 6ft Light string extension cord x 3
- 3ft Light string extension cord x 1
- 1ft Light string extension cord x 3
- Power adapter x 1
- 6ft Power extension cord x 1
- Control Box x 1
- Waterproof junction box x 3
- End cap x 4

- Mounting ruler x 1
- User manual x 1
- Wire clips x 30
- Screw pack x 12
- Adhesive backing x 9

All Parts Replaceable

Every component has a Matching Replacement Kit available

****Different sizes of set include different accessories****

Power Supply



Search: B0FFG4G1KK

Control Box



Search: B0FFG5NKJG

Power Extension Cord



Coming Soon...

Extension Lights



Search: B0FX7SH5DZ

Power Injection Kit



NOT INCLUDE IN THIS KIT

Search: B0FFH18WFJ

T-Splitter



NOT INCLUDE IN THIS KIT

Search: B0FFMD61GB

Extension Cord



Search: B0FFH2THDP

Screw Clips & Sticker Pack



Search: B0FLCFM67C

Waterproof Junction Box



Search: B0FP96P8N9

End Cap



Search: B0FL6QHD7P

Fault Detection Module



Search: B0FFM29H69

Figure 2: Included components and available replacement parts for the lighting system.

3. SETUP AND INSTALLATION

Installation of the ASAHOM Permanent Outdoor Lights is designed to be straightforward. Ensure the mounting surface is clean and dry before applying the adhesive backing or screws.

3.1 Mounting the Lights

1. Clean the desired installation area thoroughly to ensure optimal adhesion.
2. Peel the protective strip from the adhesive backing on each light module.
3. Press the light module firmly onto the surface. For additional security, use the provided screws in the pre-drilled holes.
4. Utilize the mounting ruler to maintain consistent spacing between lights for a uniform appearance.

3.2 Customization and Extension

The lights offer flexibility for various architectural designs:

- **Cuttable & Splicable:** The light string can be cut to achieve desired lengths. Use the included wire connectors and waterproof junction boxes for splicing.
- **Extendable:** The system supports extension up to a maximum of 800ft. Additional control boxes and T-splitters are available for purchase.
- **Dual Output:** The control box features dual outputs, allowing for flexible routing around complex rooflines.

Free to DIY

Adapt to any complex structure house Available to purchase controller with WLED in our store: BOFFG5NKJG

Dual Output



T-Splitter



Under 150ft set both don't include T-splitter: BOFFMD61GB, available in our store

Cuttable



Extendable

Max.800ft



Figure 3: Diagram showing dual output, cuttable, and extendable capabilities for flexible installation.

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Video 1: Overview of ASAHOM RGBCW Permanent Christmas Light features, including dual output and installation flexibility.

4. OPERATING INSTRUCTIONS

Control your ASAHOM lights using the dedicated app or voice commands for a personalized lighting experience.

4.1 Smart App & Voice Control

- Download the ASAHOM App to your smartphone.
- Pair your permanent outdoor lights with the app.
- Integrate with Alexa & Google Assistant for convenient voice control.

4.2 Lighting Effects and Customization

- **RGBCW LEDs:** The lights feature 5-in-1 RGB+WW+CW LED beads, providing pure and bright cool white and warm white light (2700K-6500K adjustable color temperature), in addition to vibrant RGB colors.
- **AIGC Lighting:** Use the app to input lighting preferences or voice prompts to generate ambient lighting effects.
- **Zone Control:** Independently control each light and set different lighting effects and colors for multiple zones on your house.
- **Dynamic Modes:** Choose from 92 scene modes or create your own from over 30,000 lighting effect combinations using 289 color palettes and 142 effects. Adjust lighting speed and sequence via the Pixel function.
- **Timer Function:** Set weekly timers to automatically turn lights on/off, choosing from color lighting, white lighting, preset scenes, or saved custom creations.

AI Lighting Effects

Create AI lighting effect with one command



Figure 4: AI Lighting Effects controlled via the mobile application.

Up to 30000 Lighting Effect Combination

Give you a dreamy light feast



Figure 5: Over 30,000 lighting effect combinations for diverse ambiance.

Daily and Security Lighting

2700K-6500K Color Temperature Adjustable



Figure 6: Daily and security lighting options with adjustable color temperature.

Zone Control

Set different lighting effects and color for multiple zones



Figure 7: Zone control feature for customizing lighting in different areas.

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Video 2: Demonstration of ASAHOM AI RGBCW Permanent Outdoor Lights for Halloween Decor, showcasing various effects.

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Video 3: ASAHOM S1070 RGBCW Permanent Holiday Lighting in action, highlighting different holiday themes.

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Video 4: Detailed look at ASAHOM S1070 AI RGBCW Permanent Christmas Lights, demonstrating various color and effect combinations.

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Video 5: ASAHOM AI RGBCW Permanent Christmas Lights for House, showing various festive lighting options.

5. MAINTENANCE

The ASAHOM Permanent Outdoor Lights are designed for long-term outdoor use with minimal maintenance.

- **Outdoor Durability:** The lights, control box, and adapter are IP67 waterproof rated. They are made with anti-UV material to withstand wind, rain, and snow, operating in temperatures from -4°F to 113°F (-20°C to 45°C).
- **Cleaning:** Periodically clean the light modules with a soft, damp cloth to remove dirt and debris. Avoid harsh chemicals.

Built for Harsh Environment

Anti-UV , IP67 waterproof & Extreme temperature resistant



Anti-UV



50,000hrs



Durability



-4°F to 113°F
(-20°C-45°C)



LED
IP67



Control Box
IP67



Adapter
IP67

Figure 8: Lights are built for harsh outdoor environments with IP67 waterproof rating.

6. TROUBLESHOOTING

- **Timer Malfunction:** If the timer function is not working correctly, clear your app cache. Go to the ASAHOM App, click "ME", then click the "setting icon", and finally click "clear cache". Reopen the control panel to get the latest version.
- **Connectivity Issues:** Ensure your Wi-Fi network is stable and the lights are within range of your router. Restarting the control box and your router may resolve connection problems.

- **Lights Not Responding:** Check all physical connections to ensure they are secure and waterproof. Verify the power adapter is correctly plugged in.

7. SPECIFICATIONS

Feature	Specification
Model Number	S107C
Light Length	150FT
LED Type	RGBCW (5-in-1 RGB+WW+CW)
Number of LEDs	108
Color Temperature	2700K-6500K (Adjustable)
Waterproof Rating	IP67 (Lights, Control Box, Adapter)
Operating Temperature	-4°F to 113°F (-20°C to 45°C)
Power Source	Corded Electric
Voltage	120 Volts (AC)
Wattage	72 watts
Light Output Maximum	3990 Lumens
Control Method	ASAHOM App, Voice Control (Alexa & Google Assistant)
Special Features	Color Changing, Dimmable, Linkable, Timer, Waterproof, Dual Output, Cuttable & Splicable, AIGC Lighting, Zone Control

8. SUPPORT AND REPLACEMENTS

ASAHOM is committed to providing long-term support for its products. Every module and accessory included in your S107C lighting system has a replacement version available. This ensures that your lighting system can be maintained and stay functional for many years.

For specific replacement parts or further assistance, please visit the official ASAHOM store or contact customer support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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