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ASAHOM S107E

ASAHOM AI Permanent Outdoor Lights S107E, 300FT

Instruction Manual

Introduction

The ASAHOM AI Permanent Outdoor Lights S107E offer a versatile and durable lighting solution for your home's exterior. Designed for year-round use, these lights feature 216 RGBCW LEDs, dual output capabilities, and over 30,000 lighting effect combinations. Control is made easy through the ASAHOM App, supporting intelligent AIGC lighting, zone control, and integration with smart home assistants like Alexa and Google Assistant. With an IP67 waterproof rating and robust construction, these lights are built to withstand various weather conditions.

What's in the Box

Your ASAHOM AI Permanent Outdoor Lights S107E package includes the following components:

- Power adapter x 2
- 6ft Power extension cord x 2
- Control Box x 1
- 5m (12 LEDs) string section x 12
- 2.5m (6 LEDs) string section x 10
- 0.42m (1 LEDs) string section x 12
- 6ft Light string extension cord x 6
- 3ft Light string extension cord x 2
- 1ft Light string extension cord x 6
- Power injection T-connector x 1
- Fault defection module x 1
- T-splitter x 1

- Wire clips x 60
- Screw pack x 24
- Adhesive backing x 18
- Waterproof junction box x 6
- End cap x 6
- Mounting ruler x 1
- User manual x 1

Image: All components included in the ASAHOM S107E package, neatly organized.

Setup and Installation

Follow these steps for proper installation of your ASAHOM AI Permanent Outdoor Lights S107E:

1. **Plan Your Layout:** Before installation, plan the desired layout of your lights along your eaves or other exterior surfaces. Consider using the included mounting ruler to ensure consistent spacing between lights.
2. **Prepare the Surface:** Ensure the installation surface is clean, dry, and free of debris. This will help the adhesive backing adhere properly.
3. **Attach the Lights:** The lights can be attached using either the adhesive tape on the back of each light or by using the provided screws. For long-term security, especially in varying weather conditions, it is recommended to use the screws in the pre-drilled holes of each light strand.

Image: Screws and wire clips for securing the lights.

4. **Connecting Sections:** Use the waterproof junction boxes and wire connectors to splice light sections as needed. If your power outlet is in the middle of the house, use the attached T-splitter to run two light strings in opposite directions from the same controller. The system is extendable up to a maximum of 800FT.

Image: T-splitter for running two light strings from one controller.

5. **Power Connection:** Connect the light strings to the control box and then to the power adapter. Ensure all connections are secure and waterproof.

Image: Power injection T-connector with power supply for extended light strings.

For visual guidance on installation, please refer to the official product video:

Video: Official ASAHOM S1070 RGBCW Permanent Holiday Lighting overview, including installation tips.

Operating Instructions

The ASAHOM AI Permanent Outdoor Lights S107E are controlled via the dedicated ASAHOM App, offering extensive customization and smart features:

- **App Control:** Download the ASAHOM App to access all lighting functions.
- **RGBCW LEDs:** Utilize the 216 upgraded RGBCW LEDs for vibrant colors and improved warm (2700K) and cool white (6500K) lighting.
- **Lighting Effects:** Choose from 92 scene modes or create your own from over 30,000 lighting effect combinations. The app allows for independent control of each light and dynamic lighting modes.

Image: Smart RGB permanent outdoor lights illuminating a house with various colors.

- **AI Lighting:** Use the next-gen intelligent AIGC lighting feature by inputting preferences or voice prompts via the app to generate perfect lighting ambiance.
- **Zone Control:** Set different lighting effects and colors for multiple zones around your house.
- **Timer Function:** Schedule lights to turn on/off at specific times, choosing from color lighting, white lighting, preset scene modes, or saved creations.
- **Music Modes:** Engage 23 music modes for holiday parties and accent lighting.
- **Voice Control:** Pair your lights with Alexa and Google Assistant for convenient voice commands.

Explore the dynamic lighting capabilities:

Video: Demonstrating various lighting effects for Halloween decoration using ASAHOM AI RGBCW Permanent Outdoor Lights.

Maintenance and Durability

The ASAHOM AI Permanent Outdoor Lights S107E are built for outdoor durability and require minimal maintenance:

- **Weather Resistance:** With an IP67 waterproof rating for the lights, control box, and adapter, these lights are designed to withstand wind, rain, and snow. They operate effectively in temperatures ranging from -4°F to 113°F (-20°C to 45°C).
- **UV Protection:** Made with anti-UV material, the lights resist degradation from sun exposure, ensuring long-lasting performance and appearance.
- **Replaceable Components:** ASAHOM offers long-term support with replacement versions available for every module and accessory, ensuring your lighting system remains functional for years.

Image: Various replaceable components for the ASAHOM S1080 system, including control box, power supply, and extension lights.

Troubleshooting

If you experience issues with the timer function, please follow these steps:

- **Timer Malfunction:** Clear your app cache by navigating to "ME" -> "setting icon" -> "clear cache" within the ASAHOM App. Reopen the control panel to access the latest version and ensure proper timer functionality.

Product Specifications

Feature	Specification
Color	White
Shape	Round
Material	Plastic
Finish Type	Painted
Light Source Type	LED
Power Source	Corded Electric

Brand	ASAHOM
Item Weight	17 Pounds
Style	Modern
Voltage	120 Volts (AC)
Light Output Maximum	6000 Lumens
Mounting Type	Surface Mount
Bulb Features	Dimmable
Color Temperature	2700 Kelvin (adjustable 2700K-6500K)
Number of Light Sources	216
Batteries Included?	No
Manufacturer	ASAHOM
Wattage	144 watts
Smart Home Compatibility	Smart Home Compatible (Alexa, Google Assistant)
Part Number	S107E
Item model number	S107E
Special Features	Color Changing, Dimmable, Linkable, Timer, Waterproof