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**OUTON SPL-FLL002**

# OUTON SPL-FLL002 Smart RGBAICW LED Flood Light User Manual

Model: SPL-FLL002 | Brand: OUTON

## 1. Introduction

This user manual provides detailed instructions for the installation, operation, and maintenance of your OUTON SPL-FLL002 Smart RGBAICW LED Flood Lights. Please read this manual thoroughly before use to ensure proper functionality and safety.
The OUTON Smart LED Flood Lights offer versatile lighting solutions with 16 million colors, adjustable white light (2200K-6500K), and various control options including app, remote, and voice commands. Designed for both indoor and outdoor use, these lights are IP65 rated for durability in diverse weather conditions.

## 2. Safety Information

- Ensure the power supply is disconnected before installation or maintenance.
- The power adapter is rated IP44 and must be plugged into a covered outdoor outlet if used outdoors.
- The flood lights are IP65 rated for outdoor use, resistant to rain and harsh weather.
- Do not cut the connecting cables between the flood lights. They are pre-wired as a single unit.
- Operate within the specified temperature range of -4°F to 140°F (-20°C to 60°C).
- Consult a qualified electrician if you are unsure about any electrical connections.

## 3. Package Contents

Verify that all items listed below are present in your package:




Image: The OUTON Smart LED Flood Light retail box, showing the four flood lights, remote control, and app interface. This image illustrates the complete product package.

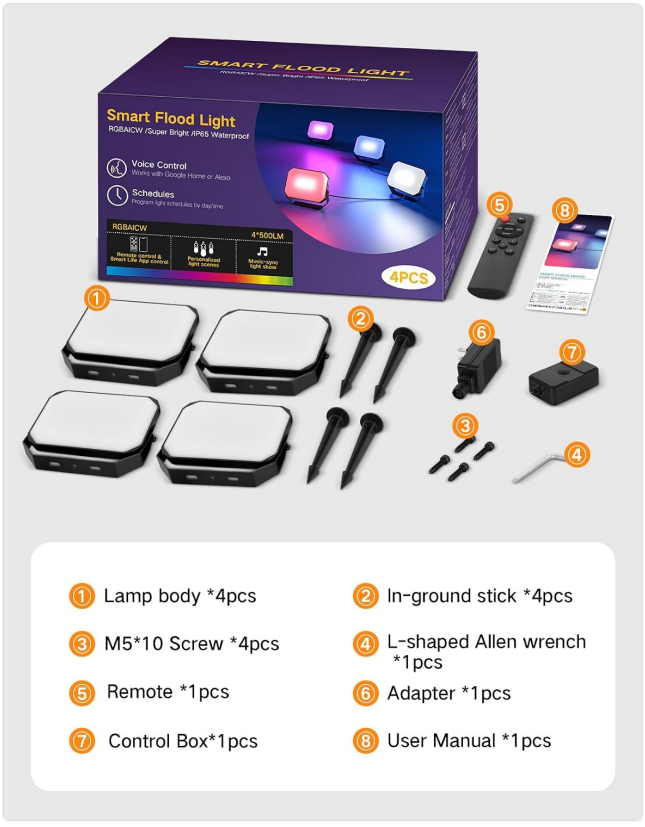



Image: A detailed diagram showing the individual components included in the package: 4 lamp bodies, 4 in-ground sticks, 4 M5*10 screws, 1 L-shaped Allen wrench, 1 remote, 1 adapter, 1 control box, and 1 user manual.

- 4 x Lamp bodies
- 4 x In-ground sticks
- 4 x M5*10 Screws
- 1 x L-shaped Allen wrench
- 1 x Remote control
- 1 x Power adapter (IP44)

- 1 x Control box
- 1 x User Manual

## 4. Product Features

- **RGBAICW Lighting:** Offers 16 million colors, 2200K-6500K warm to cool white light, and adjustable brightness from 1% to 100%.
- **Multiple Control Options:** Control via smartphone app (2.4GHz Wi-Fi only), included remote control, or voice commands (compatible with Alexa and Google Assistant).
- **Durable Design:** IP65 waterproof rating for the lights, suitable for outdoor use in various weather conditions (-4°F to 140°F). The power adapter is IP44 rated.
- **Dynamic Modes:** Includes 44 preset scene modes, music synchronization, and DIY scene customization.
- **Timing Function:** Schedule lights to turn on/off at specific times.
- **Flexible Installation:** Can be installed as wall-mounted lights or ground lights using the provided stakes.

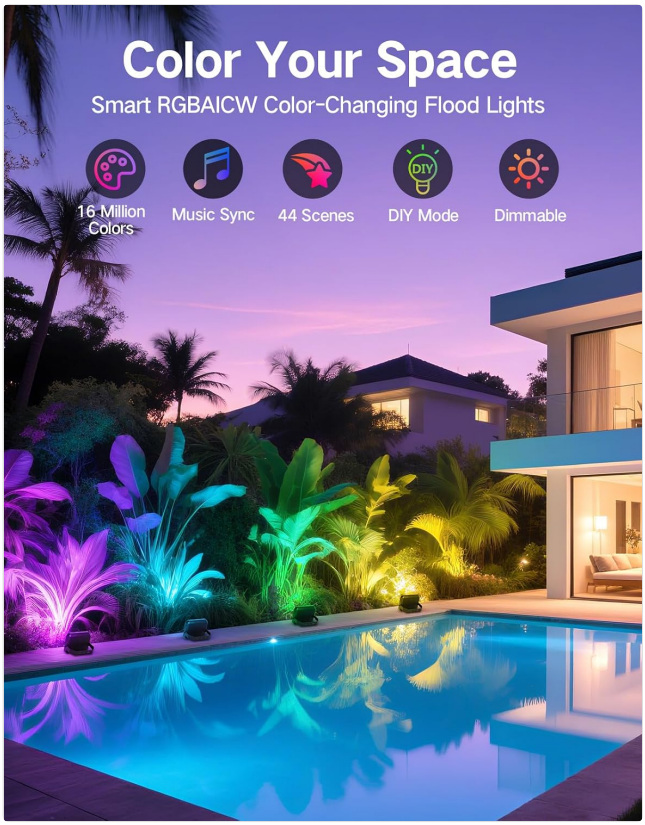



Image: An outdoor scene showcasing the OUTON Smart LED Flood Lights illuminating a garden and swimming pool area with vibrant, color-changing lights, highlighting the 16 million colors, music sync, 44 scenes, DIY mode, and dimmable features.




Image: A house exterior illuminated by OUTON Smart LED Flood Lights, demonstrating the adjustable white light feature from warm (2200K) to cool (6500K) and 1% to 100% overall brightness.

## 5. Setup and Installation

### 5.1 Unpacking

Carefully remove all components from the packaging. Inspect for any damage. If any parts are missing or damaged, contact customer support.

### 5.2 Installation Options

The OUTON Smart LED Flood Lights can be installed in two ways:

- **Ground Installation:** Attach the in-ground sticks to the lamp bodies and firmly insert them into soft ground.
- **Wall-Mounted Installation:** Use the provided screws and Allen wrench to secure the lamp bodies to a wall or other flat surface.

**Important Note: The four flood lights are connected to each other on a single cord and cannot be cut or separated. Plan your installation layout accordingly.**

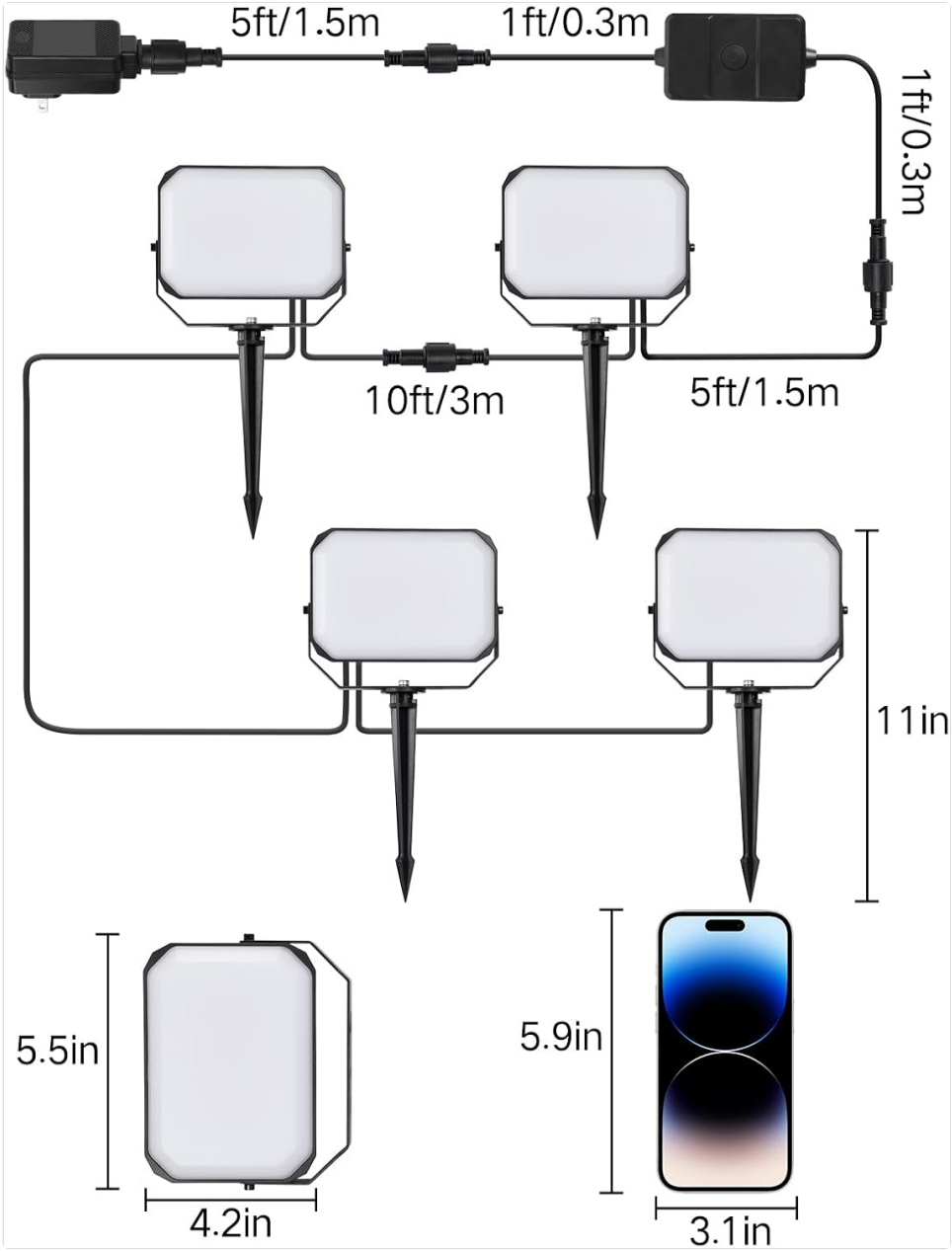



Image: A diagram illustrating the wiring connections and dimensions of the OUTON Smart LED Flood Light system. It shows the power adapter, control box, and the four flood lights connected in series, along with their individual dimensions and cable lengths.

### 5.3 Power Connection

1. Connect the control box to the power adapter.
2. Plug the power adapter into a suitable electrical outlet. For outdoor use, ensure the outlet is covered and protected, as the adapter is IP44 rated.

## 6. Operating Instructions

### 6.1 Remote Control

The included remote control allows for basic functions:

- Power On/Off
- Brightness Adjustment (DIM+/DIM-)
- Color Selection
- Mode Selection (e.g., Flash, Strobe, Fade, Smooth)

- Music Sync Activation




Image: A hand holding the remote control for the OUTON Smart LED Flood Lights, with a garden path illuminated by various colors in the background, demonstrating remote control functionality.

## 6.2 Smartphone App Control

For advanced features and customization, download the compatible smartphone app (e.g., Smart Life app). The app allows for:

- Full 16 million color selection and white light adjustment.
- Brightness and saturation control.
- Access to 44 preset scene modes.
- Creation and saving of custom DIY scenes.
- Music synchronization.
- Setting schedules and timers for automatic operation.
- Group control of multiple OUTON smart devices.

**Note: The app requires a 2.4GHz Wi-Fi network for connection. 5GHz networks are not supported.**

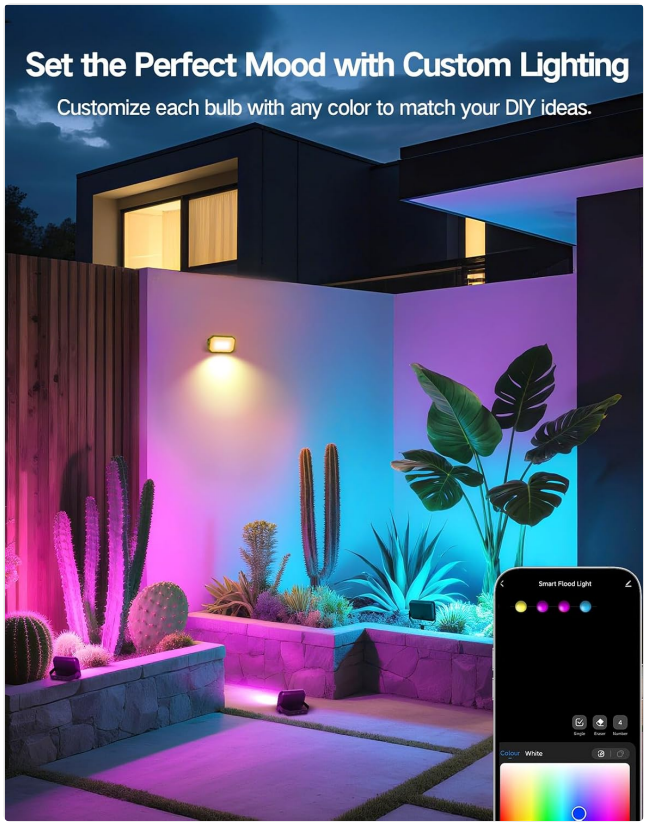


Image: A smartphone screen displaying the OUTON Smart LED Flood Light app interface, showing color selection and customization options for individual lights in an outdoor patio setting.




Image: A hand holding a smartphone displaying the OUTON Smart LED Flood Light app, with a garden path illuminated by various colors in the background, demonstrating app control functionality.

## 6.3 Voice Control (Alexa/Google Assistant)

Integrate your OUTON Smart LED Flood Lights with Amazon Alexa or Google Assistant for hands-free control. Follow the instructions within the smartphone app to link your lighting system to your preferred voice assistant.
Common voice commands include:

- "Alexa/Hey Google, turn on the flood lights."
- "Alexa/Hey Google, set the flood lights to blue."
- "Alexa/Hey Google, dim the flood lights to 50%."

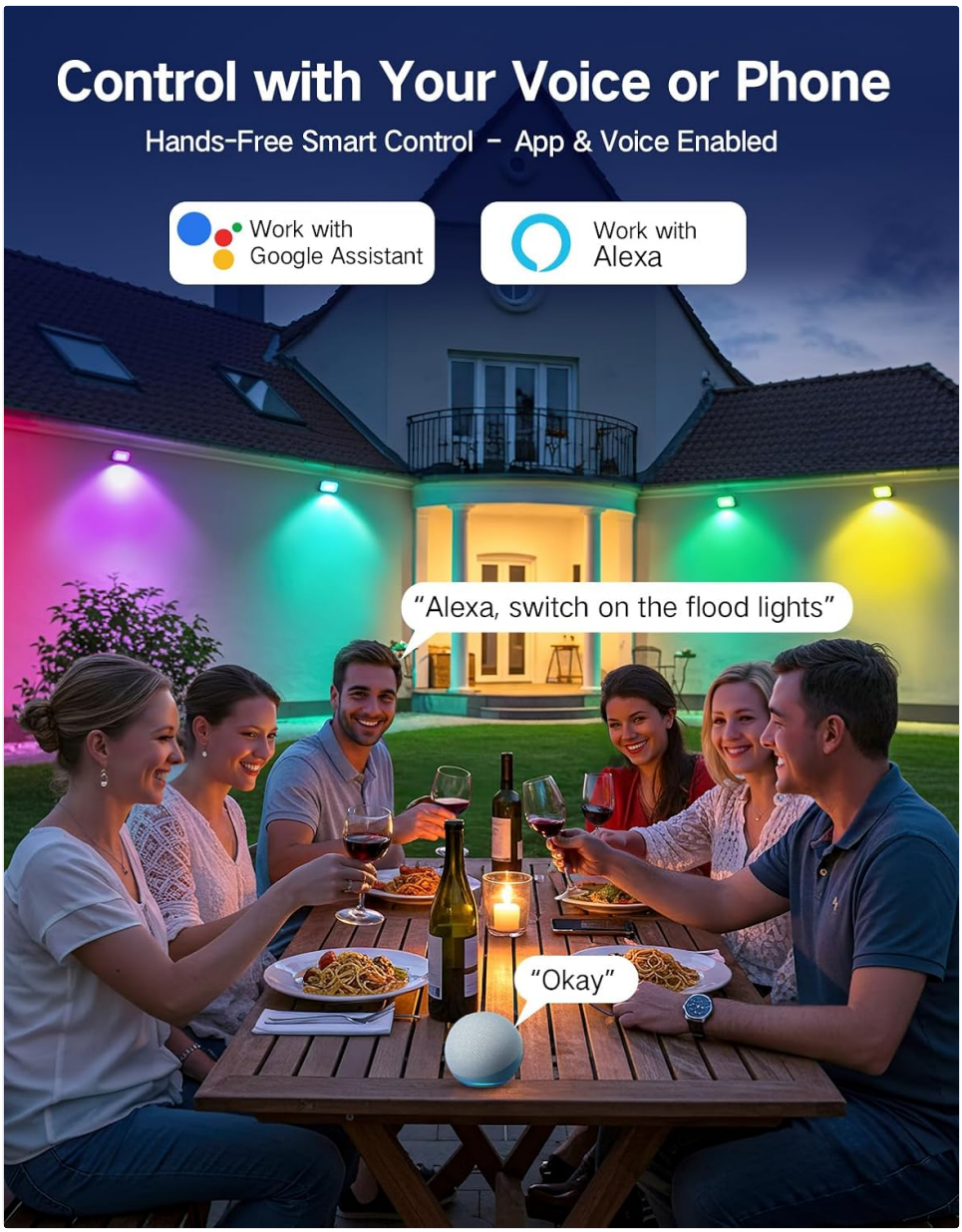



Image: A group of people enjoying an outdoor gathering, with OUTON Smart LED Flood Lights illuminating the background in various colors. Speech bubbles indicate voice commands like "Alexa, switch on the flood lights" and "Okay," demonstrating compatibility with Google Assistant and Alexa.

## 6.4 Music Sync Mode

Activate the music sync feature via the remote or smartphone app. The lights will change colors and patterns in rhythm with ambient music, creating a dynamic atmosphere.



Image: An indoor gaming setup with a desk, monitor, and chair, illuminated by OUTON Smart LED Flood Lights displaying vibrant, music-synchronized colors, with musical notes floating in the air.

## 6.5 Timing and Schedules

Use the smartphone app to set up custom schedules and timers. This allows the lights to automatically turn on or off at specific times, or to activate particular scenes.




Image: A split image showing the OUTON Smart LED Flood Light app's timing and schedule interface on the left, and a house exterior illuminated by different light colors at various times (03:00, 17:30, 19:00) on the right, demonstrating the scheduling feature.

## 7. Maintenance

- **Cleaning:** Wipe the light surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check cables and connections for any signs of wear or damage.
- **Weather Protection:** While the lights are IP65 rated, ensure the IP44 power adapter is always in a covered, protected location when used outdoors.




Image: An OUTON Smart LED Flood Light in a grassy area during rain, highlighting its IP65 waterproof rating and ability to withstand temperatures from -4°F to 140°F, as well as rainy and snowy conditions.

## 8. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Lights do not turn on. | No power supply; loose connection; faulty adapter. | Check power outlet, ensure all connections are secure. Test adapter if possible. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Remote control not working. | Battery depleted; remote out of range; obstruction. | Replace remote battery. Ensure remote is pointed at the control box and within range. Remove obstructions. |
| App cannot connect to lights. | Incorrect Wi-Fi band; poor Wi-Fi signal; incorrect pairing process. | Ensure your router is broadcasting a 2.4GHz Wi-Fi signal. Move lights closer to the router. Re-attempt the pairing process as per app instructions. |
| Lights flicker or change colors unexpectedly. | Unstable power supply; interference; faulty unit. | Check power connections. Ensure no strong electromagnetic interference nearby. If problem persists, contact support. |

## 9. Specifications

| Feature | Detail |
|---|---|
| Model Number | SPL-FLL002 |
| Brand | OUTON |
| Light Source Type | LED (RGBAICW) |
| Wattage | 24 Watts (Total for 4 lights) |
| Color Temperature | 2200K - 6500K (Warm White to Cool White) |
| Color Options | 16 Million RGB Colors |
| Brightness | 1% - 100% Dimmable |
| Waterproof Rating (Lights) | IP65 |
| Waterproof Rating (Power Adapter) | IP44 |
| Operating Temperature | -4°F to 140°F (-20°C to 60°C) |
| Lifespan | 50,000 hours |
| Control Methods | Remote, Smartphone App (2.4GHz Wi-Fi), Voice (Alexa/Google Assistant) |
| Material | Acrylonitrile Butadiene Styrene (ABS), Plastic |
| Product Dimensions (each light) | 5.5"L x 1"W x 11"H (approximate) |
| Item Weight | 3.7 pounds (total package) |

## 10. Warranty and Support

OUTON products are designed for reliability and performance. For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official OUTON website.

Please retain your proof of purchase for warranty claims.

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