FLOTIDE Smart RGB LED Light Controller Instruction Manual

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Product Information

The Smart RGB LED Light Controller is a device that allows you to control your pool lights using a mobile app. It supports both Wi-Fi and Bluetooth connections and is compatible with the Smart Life and Tuya Smart apps. The controller operates on a 2.4 GHz Wi-Fi network and can be used to control multiple controllers simultaneously. It also offers the option to create groups of controllers for synchronized operation. The controller can be switched between APP control mode and switch control mode using the provided buttons.

Product Usage Instructions

1. Download the Smart Life or Tuya Smart app from the App Store or Google Play.
2. Switch the pool light to APP control mode by pressing the ENTER button on the controller. The indicator sign of the button will flash for a few seconds.
3. Connect your mobile device to a 2.4 GHz Wi-Fi network and grant the app Wi-Fi and Bluetooth permissions.
4. Open the app and click the "+" button to add a new device.
5. Follow the on-screen instructions to add the controller successfully.
6. Once added, you can now control the pool light using the app's interface.

IMPORTANT: This manual includes essential information on the safety measures to be implemented for installation and start-up. Therefore, the installer, as well as the user, must read these instructions before installation and start-up. To achieve optimum performance, follow the instructions indicated below:
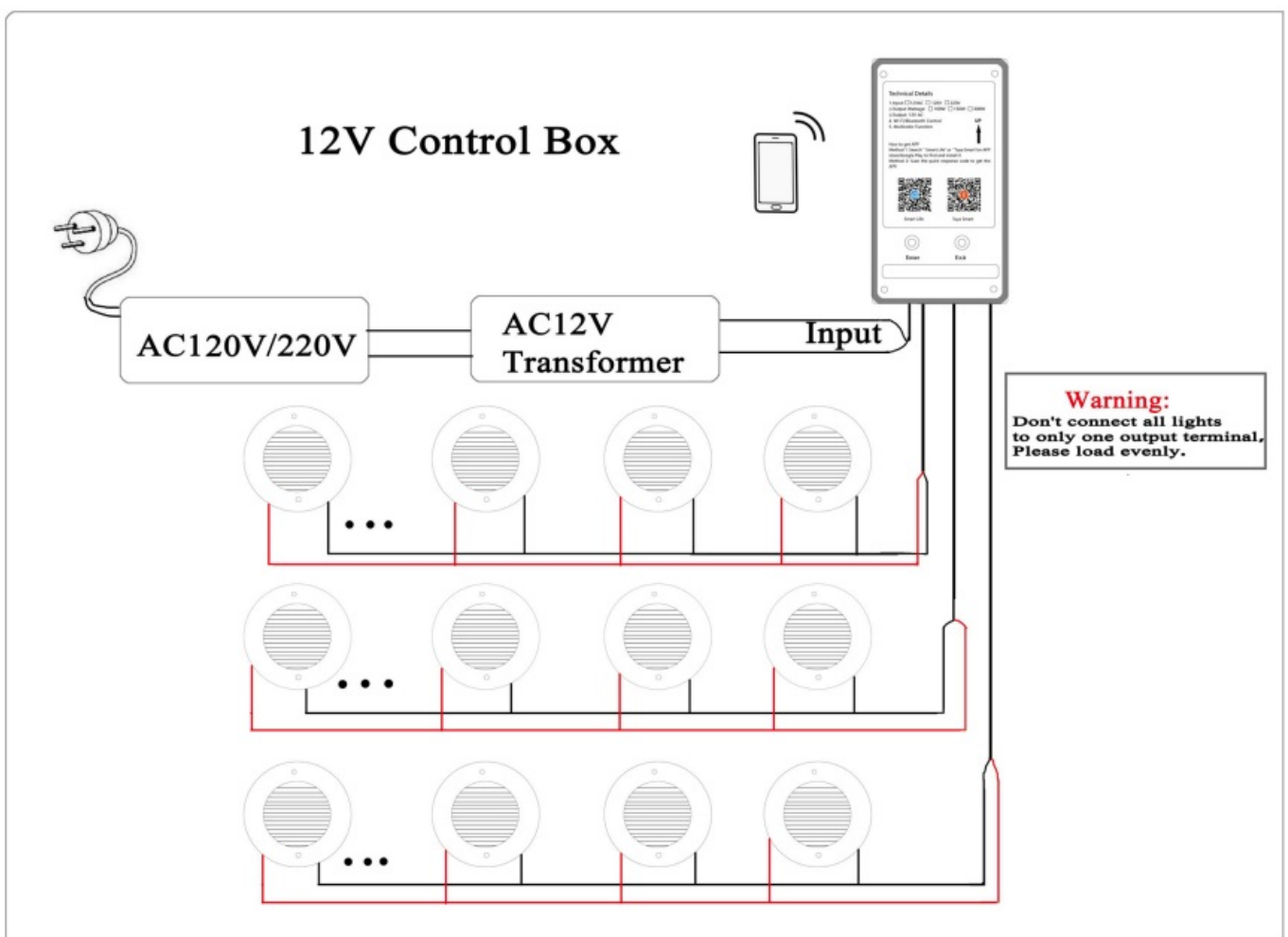
TECHNICAL SPECIFICATION

- **Input Voltage:** 12VAC 120V/220V
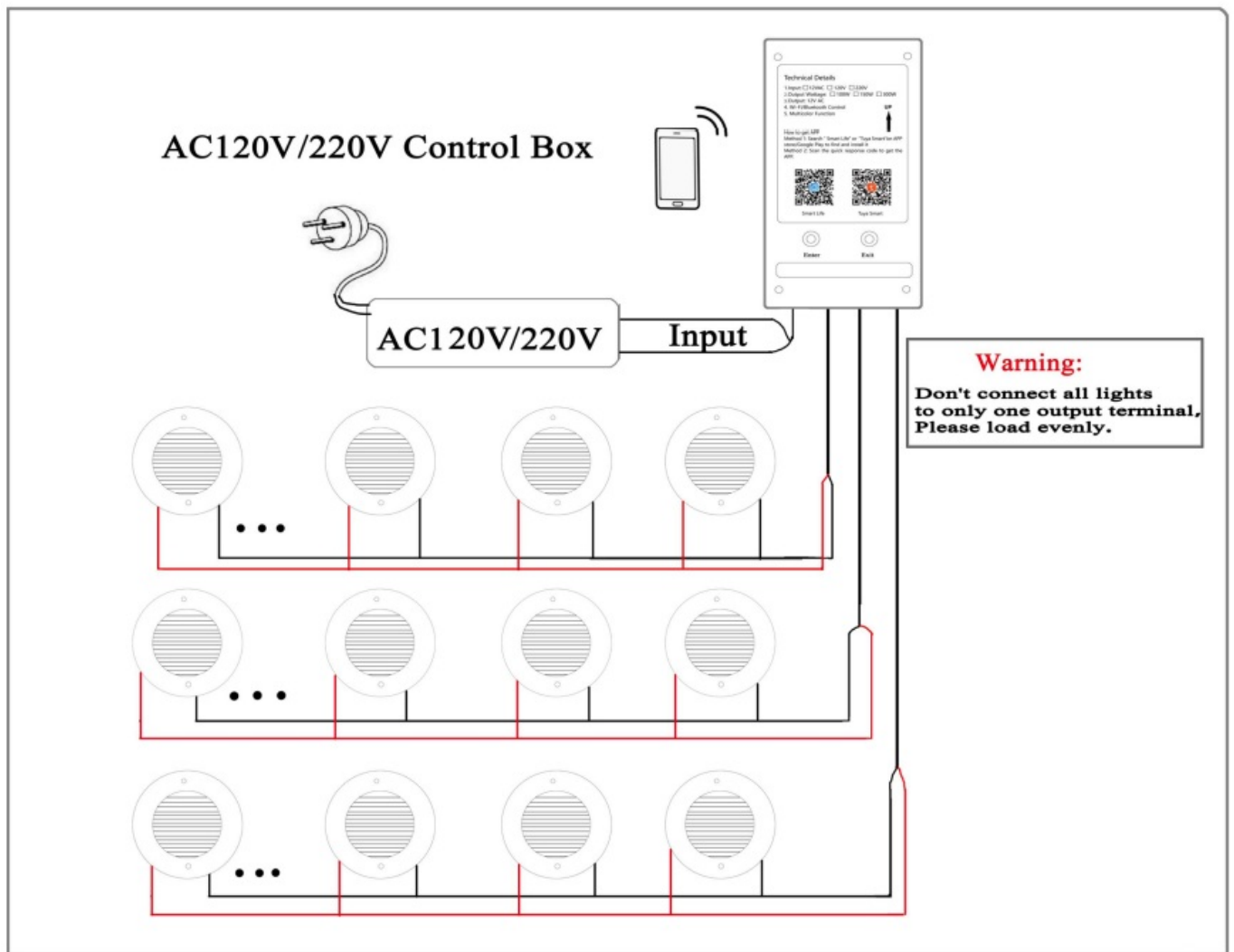- **Output Voltage:** 12V AC

- **Maximum Power Output at 12V Terminal:** ≤300W
- **Housing Protection:** Indoor using only
- **Cable Distance:** Within 100 meters

INSTALLATION

Prior to commencing, make sure there is no electricity passing through the wires and cables to be connected. Mount the controller on a solid and secure wall at a minimum distance of 5 meters from any water source or pipes. Connect the 12V AC input voltage into the terminals clearly marked as " 12VAC Input ". (If your controller is 120V or 220V input version, please make sure connect 120V or 220V to the input terminal.) Connect the lamps parallel to the terminals clearly marked as " LAMPS 12VAC ". It is essential to make sure the connections are as tight as possible in order to avoid sparking.

Installation Diagram:

12V Control Box

AC120V/220V

AC12V Transformer

Input

Warning:
Don't connect all lights to only one output terminal, Please load evenly.

SETTINGS

Download the APP from App Store or Google Play:
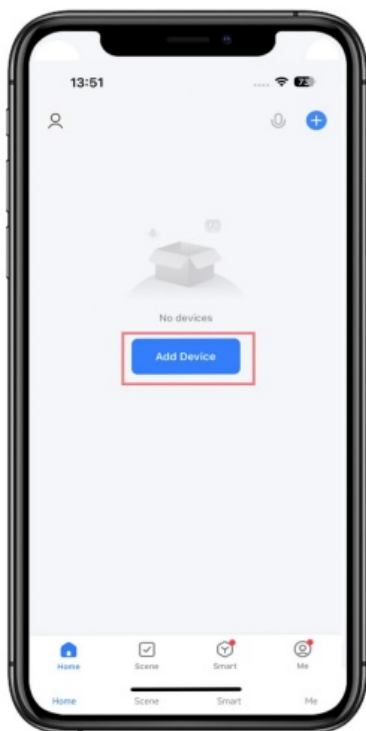"Smart Life" or "Tuya Smart"
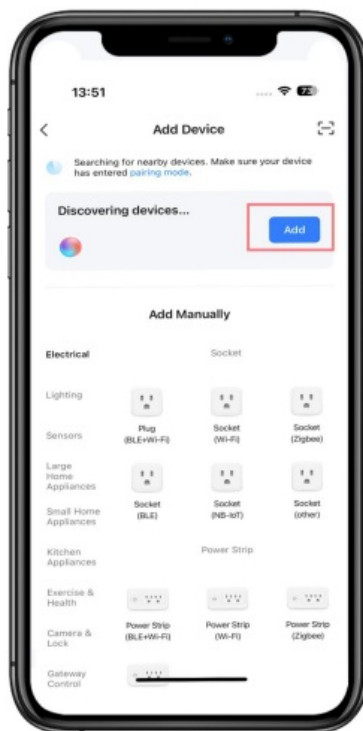

Switch to APP Control Mode
The initial setting of the pool light is switch control mode, please press "ENTER" button to switch the pool light to APP control mode. The indicator sign of the button will flash for a few seconds, and then you can follow the steps below.

Wi-Fi & Bluetooth Connection
To automatically add devices, the app must be granted Wi-Fi and Bluetooth permissions. Only 2.4 GHz Wi-Fi networks are supported.
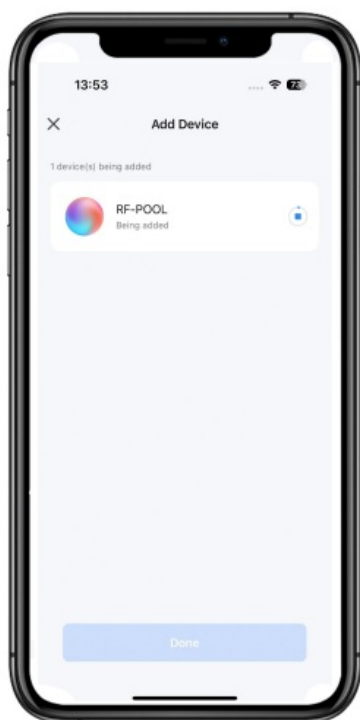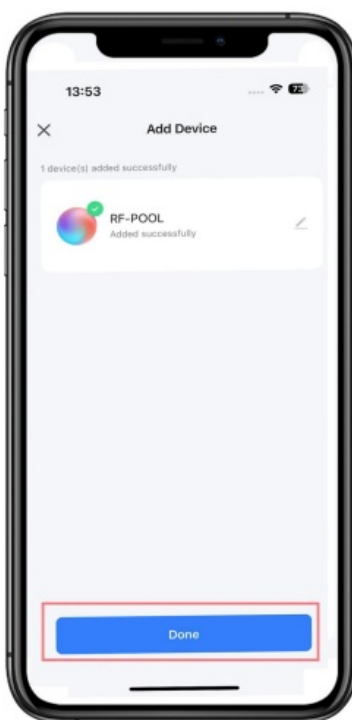
1.Add Device

2.Discovering devices

and click "Add"

3.Select 2.4 GHz Wi-Fi

Network and enter password

4.Click "+" for adding

the device

5.Add successfully,

click "Done"
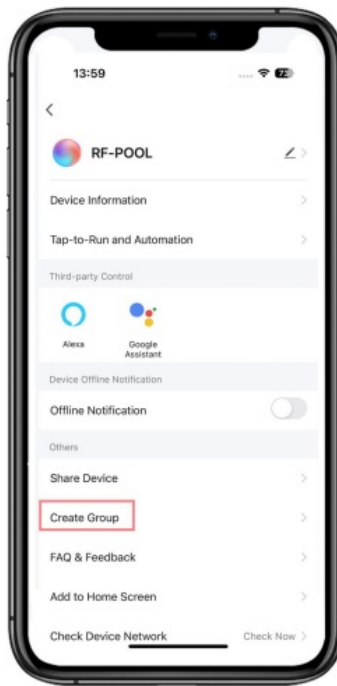

6.Get into the control

interface

Create Group
If you have more than 1 set controller and want to connect them together so they are in sync. Then we can add all the controllers into a group in the Smart Life APP.
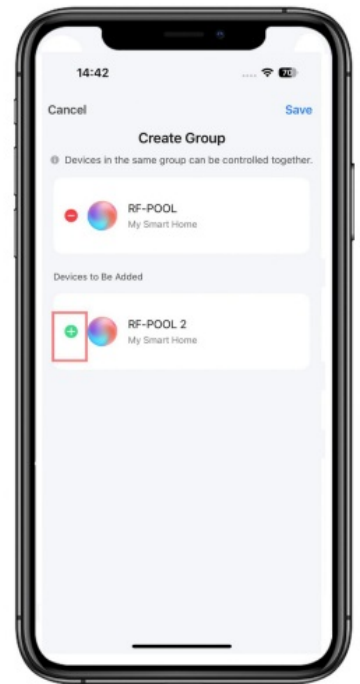**Note:** Only the same network controllers can be in the same group. Each controller should follow the steps in 3.3 to finish the setting first, and then follow the below operations.
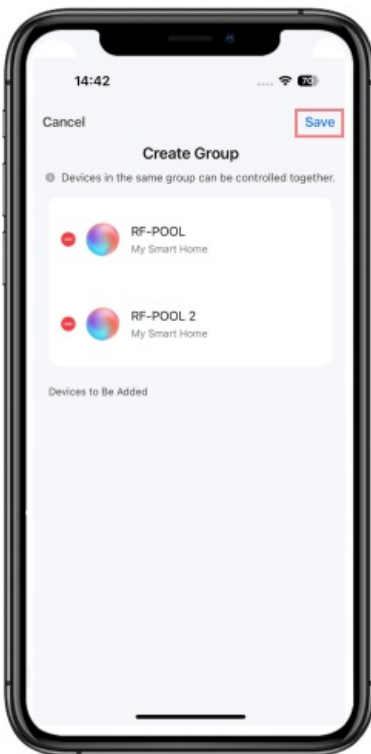
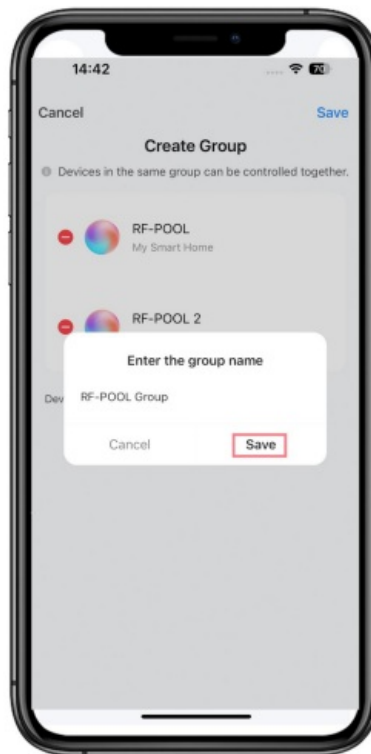1. Get into one of the controllers, click "..."

2. Click "Create Group"

3. Click "+" for controllers needed in one group

4. Click "Save"
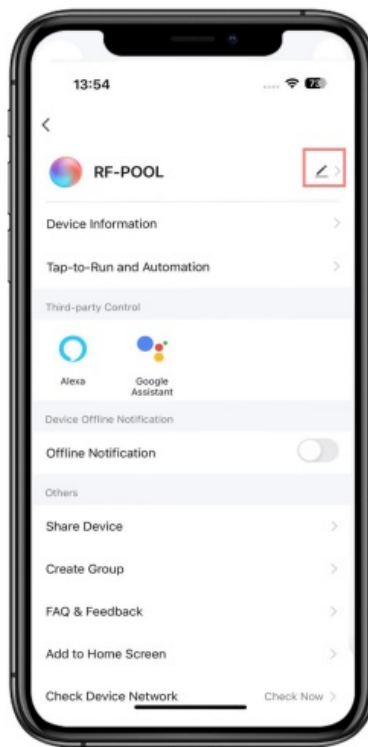
5. Enter the group name, click "Save"
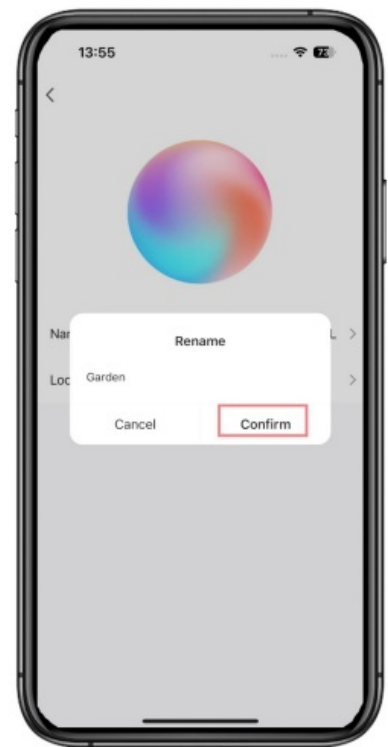
6. Group created successfully
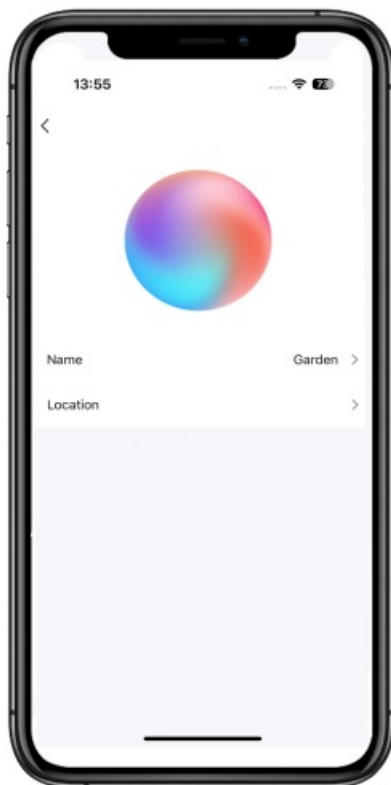
Rename Your Device

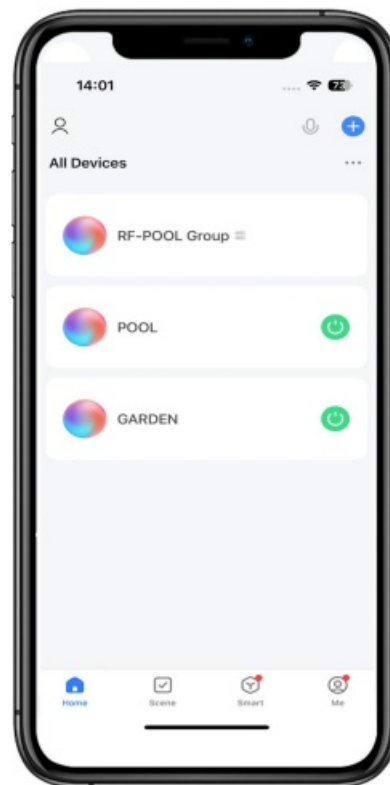1. Get into one of the controllers, click "..."

2. Click "✏"

3. Click "Confirm"

4. Rename successfully

5. You can rename the devices for pool and garden.

Reset Wi-Fi Connection

Once you change the Wi-Fi network or the password of Wi-Fi, you have to reset the Wi-Fi connection. Press and hold the "ENTER" button for 10 seconds, the indicator sign of the button will flash for a few seconds, and then you can follow 3.3 to reset it.

Change to Switch Control Mode
If you want to change pool lights from APP control mode to switch control mode, please press "Exit" button and then you can use your switch to control the lights. (The "Exit" button can be used as a switch.)

Bluetooth Control Option
If Wi-Fi or network is disconnected, put your mobile phone close to the controller <10m. After waiting for about 1 minute, the controller will automatically switch to Bluetooth method, then you can continue to use the app to control the lights.

SAFETY WARNINGS

The persons who are in charge of installation should have the required qualifications for the work. Avoid making contact with the electric voltage. Comply with the current standards regarding accident prevention. IEC 364-7-702 standards must be observed: WIRING IN BUILDINGS, SPECIAL WIRING, SWIMMING POOLS. Do not handle any electrical components with wet feet.

Documents / Resources

	FLOTIDE Smart RGB LED Light Controller [pdf] Instruction Manual HT 001B, HT001S, Smart RGB LED Light Controller, Smart RGB Controller, LED Light Controller, Smart Controller, RGB Controller, Controller