

# Instruction Manual for Smart RGB LED Light Controller



**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:

## 1. TECHNICAL SPECIFICATION

Input Voltage:  12VAC  120V/220V

Output Voltage: 12V AC

Maximum Power Output at 12V Terminal:  $\leq 300W$

Housing Protection: Indoor using only

Cable Distance: Within 100 meters

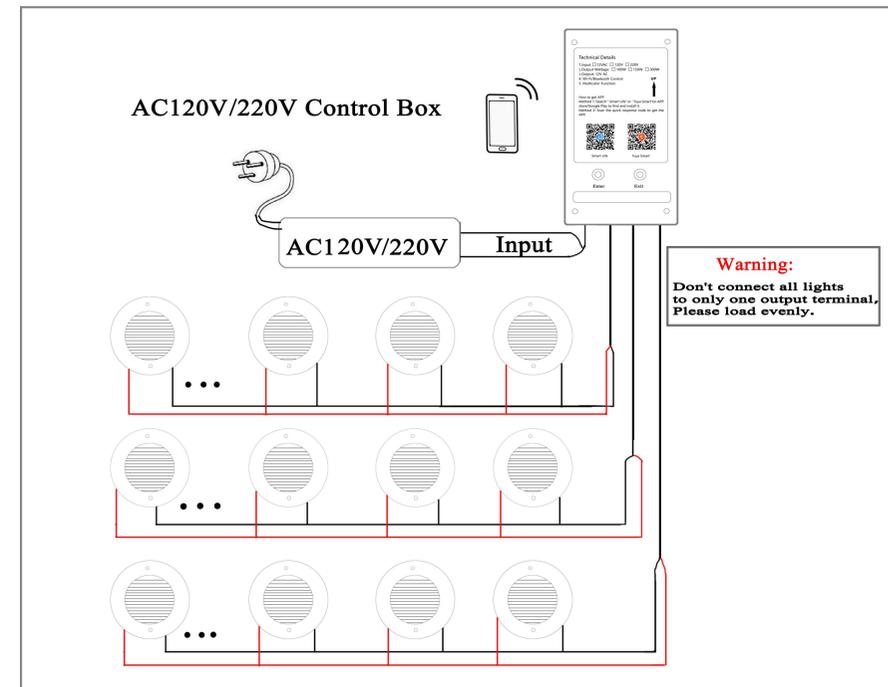
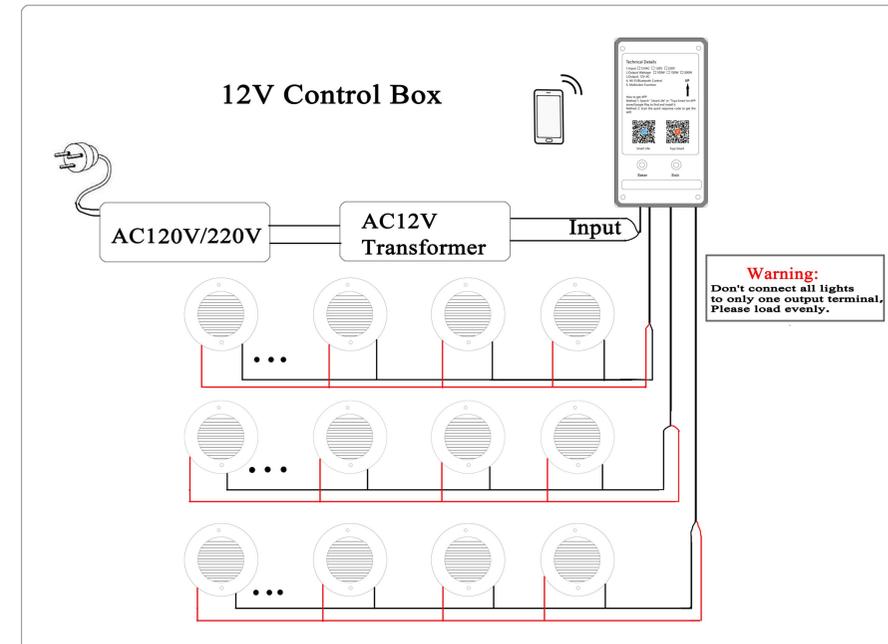
## 2. INSTALLATION

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:



### 3. SETTINGS

#### 3.1 Download the APP from App Store or Google Play:

“Smart Life” or “Tuya Smart”



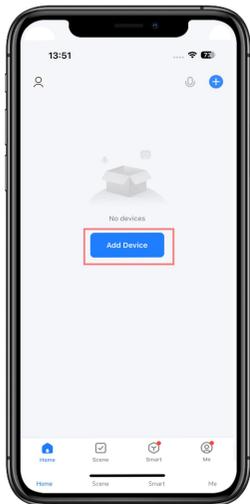
#### 3.2 Switch to APP Control Mode

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.

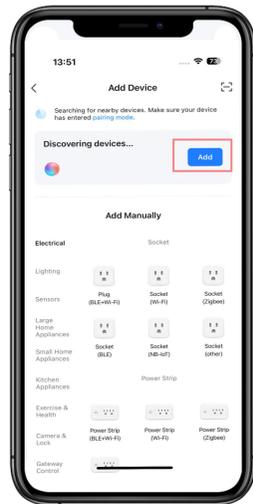
#### 3.3 Wi-Fi & Bluetooth Connection

To automatically add devices, the app must be granted Wi-Fi and Bluetooth permissions.

Only 2.4 GHz Wi-Fi networks are supported.



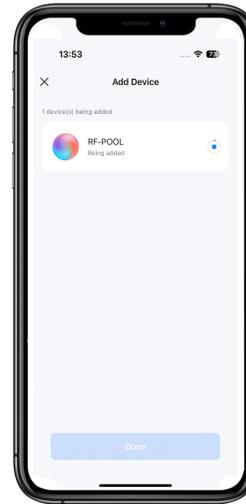
1.Add Device



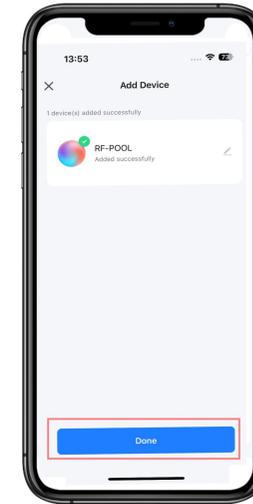
2.Discovering devices and click “Add”



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

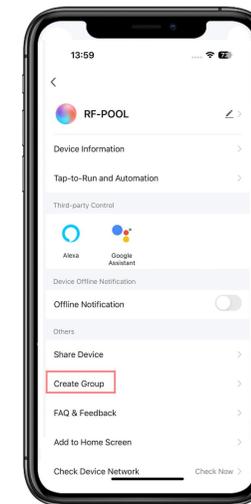
#### 3.4 Create Group

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.

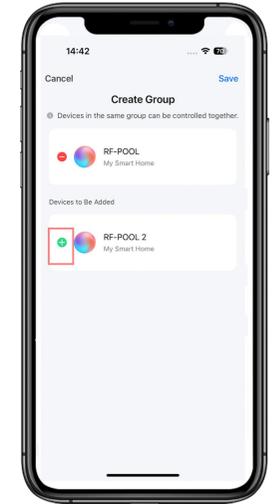
Note: Only the same network controllers can be in the same group. Each controller should follow the steps in 3.3 to finish the setting first, and then follow the below operations.



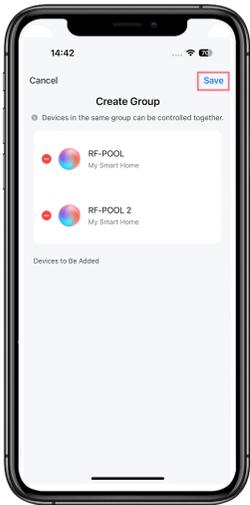
1.Get into one of the controllers, click “...”



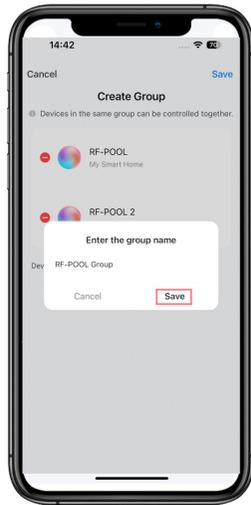
2.Click “Create Group”



3.Click “+” for controllers needed in one group



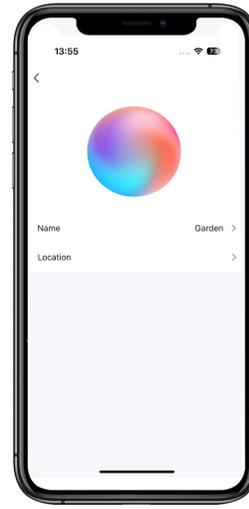
4. Click "Save"



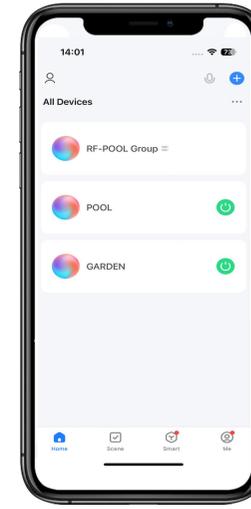
5. Enter the group name, click "Save"



6. Group created successfully



4. Rename successfully

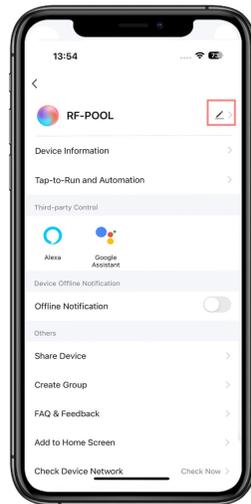


5. You can rename the devices for pool and garden.

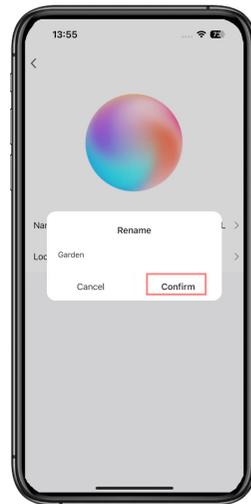
### 3.5 Rename Your Device



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



2. Click "✎"



3. Click "Confirm"

### 3.6 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.

### 3.7 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.)

### 3.8 Bluetooth Control Option

If Wi-Fi or network is disconnected, put your mobile phone close to the controller <10m. 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.

## 4. 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.