

# BLUE C Series Datasheet



C-101/DIM

C-102/CCT

C-103/RGB

C-104/RGBW

C-105/RGBCCT

BLUE LED controller is our newly developed LED controller series, including DIM, CCT, RGB, RGBW, RGBCCT 5 types. It works with smartphone-controlled Tuya Smart Life APP and 4G remote control, and is compatible with 2.4GHz RF remote control. It also supports third-party voice control.

## Product parameters

Input voltage: DC 5-24V

Output: 6A/CH

Dimming method: PWM

Control channels: 1-5 channels

Communication Protocol: Bluetooth (Remote Control)

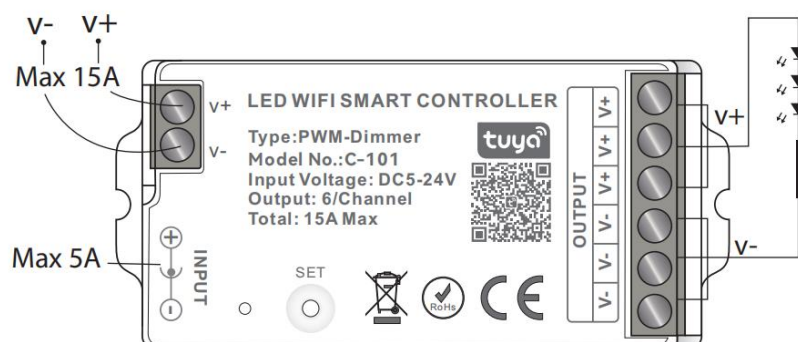
Operating temperature: -20-60°C

Degree of protection: IP20

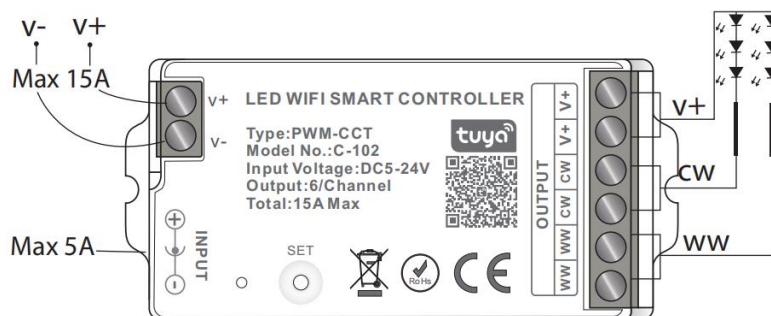
Firmware upgrade: OTA online upgrade is supported

## Product Connection Diagram

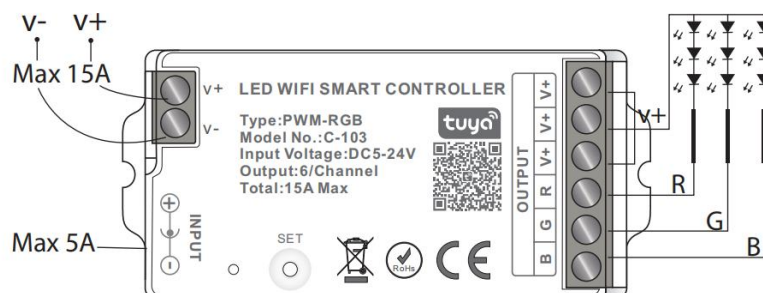
Model No.:C-101



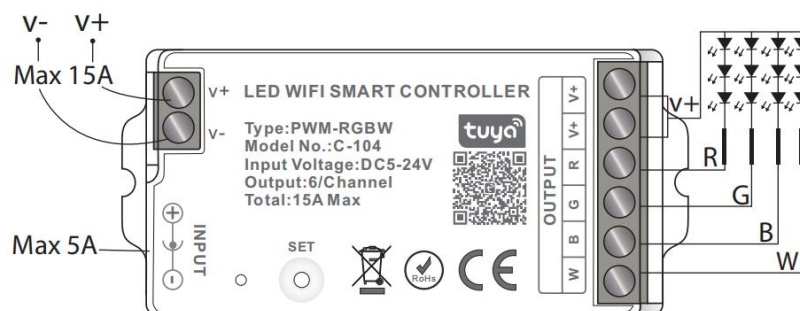
Model No.:C-102



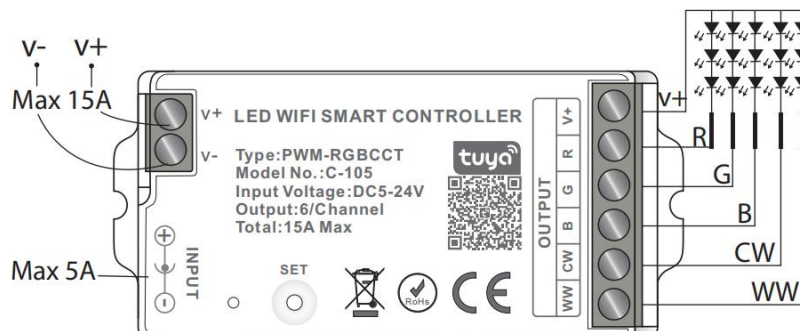
Model No.:C-103

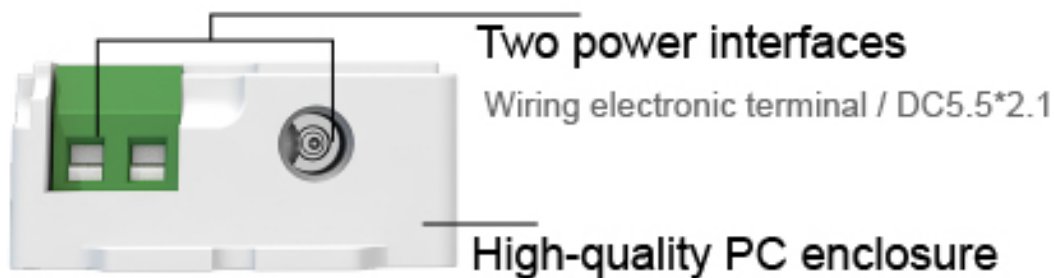


Model No.:C-104



Model No.:C-105





## Smartphone WiFi connection control instructions

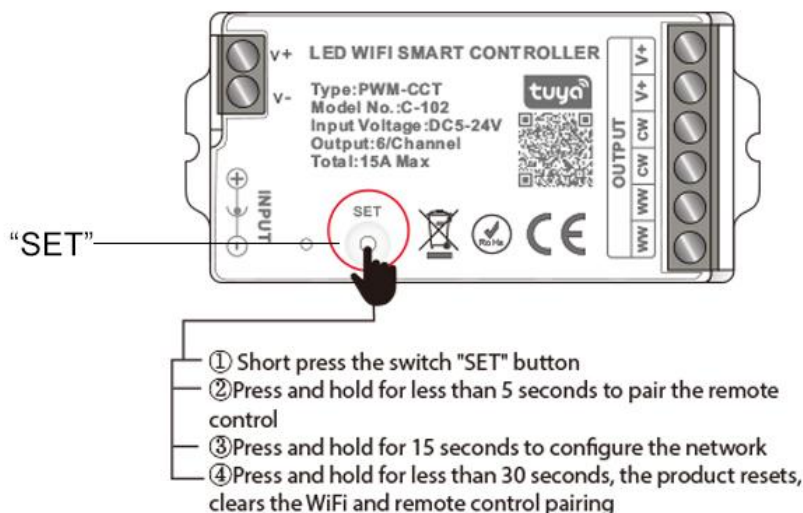
### 1. Download and install [Smart Life] or [Tuya Smart] APP

Search for [ Smart Life] in Apple or Google store or scan following QR code to download and install the app.

Please click " Register " button to create account while using it in the first time, Log in directly if you already had account.



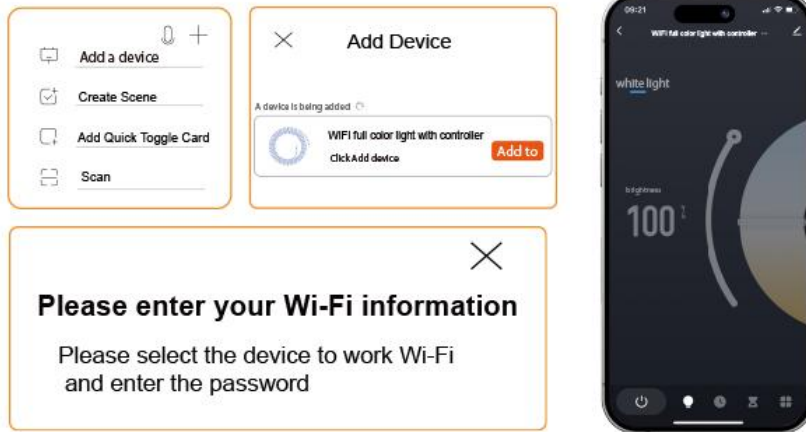
### 2.Product function description&Reset Devices



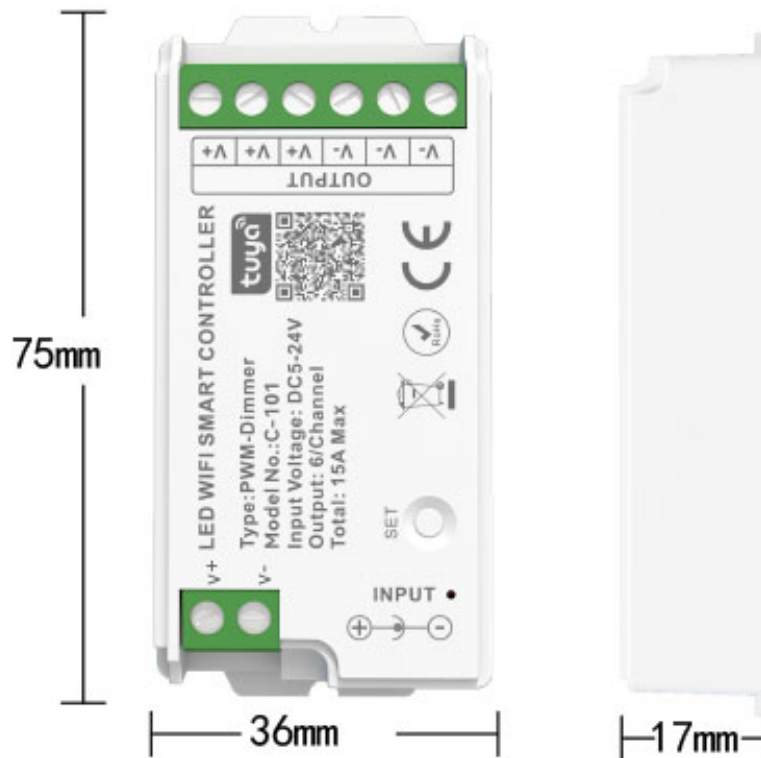
### 3. Link to Smartphone

- (1) . Make sure Smartphone is working on WLAN network.
- (2). Open the login APP, press and hold to discover the device, if it is not found, click "+" in the upper right corner and then manually select "Add new device," (when adding, you need to enter the WIFI password of the smartphone connection, and wait for 5-10 seconds to complete the connection after entering it successfully)
- (3) . After the connection is successful, the new device will be displayed on the home page, then tap the device and enter the control interface to do more.

Follow the steps to complete the connection:



### Product dimensions



### Product packaging information



PARAMETERS	SIZE/CM	G. W. /KG
1PCS	7.6*3.7*2.1	0.04
100PCS	19*16*12	4.2

## Precautions

1. Please check whether the input voltage of the constant voltage power supply meets the requirements of the controller, and check whether the connection between the cathode and the anode is correct.
2. The working voltage is DC 5~24V, if the voltage is higher than 24V, the controller will be damaged.
3. Non-professional users cannot disassemble the controller directly, otherwise it may cause fire and electric shock.
4. The working temperature is -20~60°C; Do not place the device in direct sunlight, humidity, and other high-temperature areas.
5. Please do not use the controller around high magnetic fields, otherwise, it will seriously affect the control distance.
6. When the equipment load reaches 15A, the wire diameter must exceed 1.5 square millimeters
7. When the equipment load exceeds 10A, the connecting cable from the DC port to the LED strip must be less than 40cm long.
8. Please install the device in a good heat dissipation area.