

**Important: Read all instructions prior to installation.**

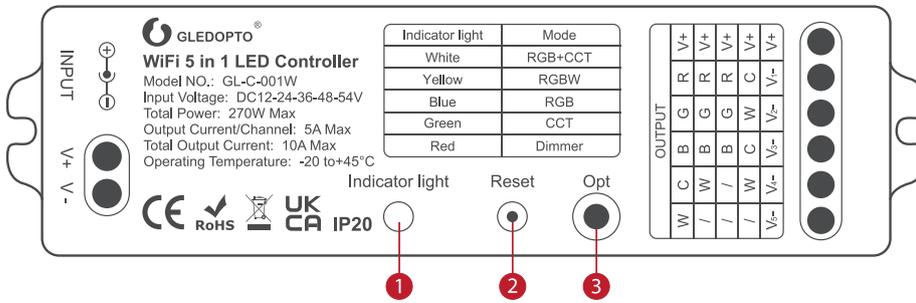
## RGB / CCT / RGBW / RGBCCT LED Controller

### Safety and Notes

- Do not connect controller directly to AC power. This controller requires 12–54 VDC power supply. Voltage of power supply and any connected lights must match.
- Do not exceed max current or wattage as listed in the spec table. Overloading the controller will cause overheating and damage the controller.
- Ensure the power supply is not plugged into an outlet before connecting or disconnecting any of the systems components.
- Do not expose the controller or remote to direct or indirect moisture.
- Always observe proper polarity when connecting wiring.
- Improper installation and magnetic fields will negatively affect the controller's communication distance.



### Controller Layout



#### 1. LED Indicator

LED indicator changes color to display with the current compatibility mode. Refer to the indicator color chart to the right.

#### 2. Reset

Press once to switch frequency. Press and hold for 2 seconds to reset the controller. In order to be compatible with different power supplies, the frequency can be set to 600 Hz, 800 Hz, 1,000 Hz (default), 2,000 Hz, 4,000 Hz, 8,000 Hz. Each time the frequency is switched, the indicator light will flash pink a specific number of times to show which frequency is now being used.

#### 3. Opt

Press to switch modes. Press and hold for 2 seconds to add the current ON/OFF state to memory.

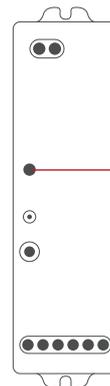
Note: Each time the mode is switched, the controller will need to be re-paired.

Compatibility Mode	RGB-CCT	RGBW	RGB	CCT	Dimmer
Indicator Color	White	Yellow	Blue	Green	Red

Frequency	600 Hz	800 Hz	1,000 Hz	2,000 Hz	4,000 Hz	8,000 Hz
Number of Flashes	1	2	3	4	5	6

### Wi-Fi Pairing

1. Connect to a 2.4 GHz Wi-Fi network.  
Note: If device was already paired, please reset the device.
2. Apply power to the controller.
3. Open the Smart Life app to add the controller.
4. Follow the in app instructions.
5. If the pairing is successful, the indicator light will stop flashing.



**(Stop blinking)**

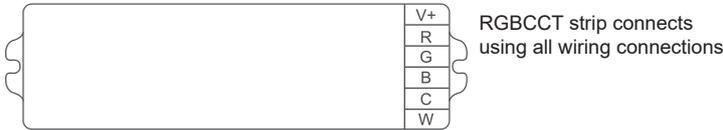


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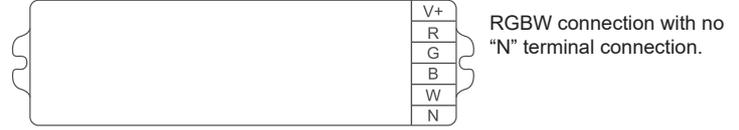
### LED Controller and Remote

#### Wiring

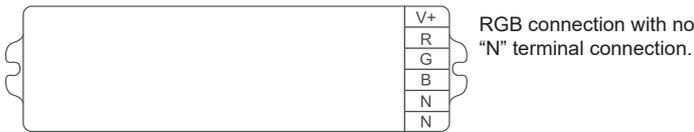
##### RGBCCT Wiring



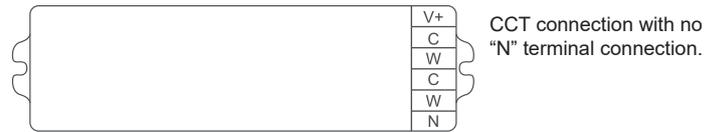
##### RGBW Wiring



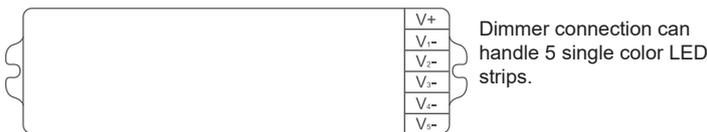
##### RGB Wiring



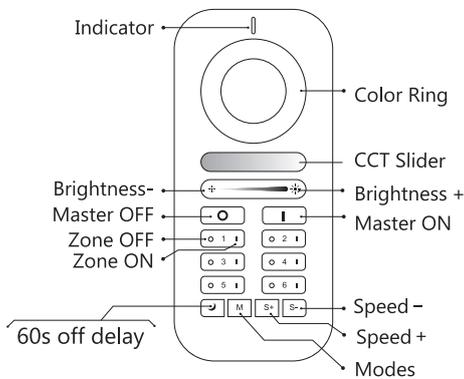
##### CCT Wiring



##### Dimming Wiring



#### RF Remote (Optional Accessory)



##### Pairing / Unpairing

###### Pairing

Within 4 seconds after applying power to the controller, press the "ON" button of the desired zone until pairing is successful.

###### Unpairing

Within 4 seconds after applying power to the controller, press the "ON" button on the remote control 5 times quickly.

#### Preprogrammed Display Modes

Available display modes vary depending on the selected compatibility mode. For example, RGB compatibility mode will not work with numbers 1–3 below.

- Mode 1:** static warm light
- Mode 2:** static natural white light
- Mode 3:** static cool white light
- Mode 4:** static red light
- Mode 5:** static green light
- Mode 6:** static blue light
- Mode 7:** RGB fade in/out
- Mode 8:** RGB flash
- Mode 9:** selected color breathing (selected color cycles from 100% to 0% and back repeatedly)

