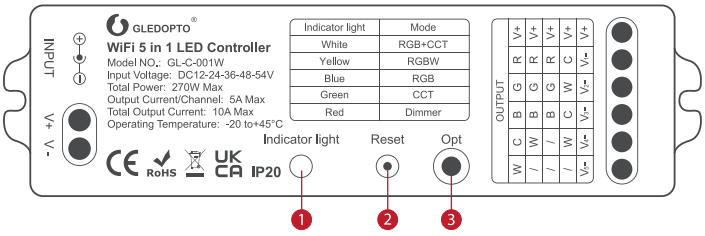
GLEDOPTO®

WiFi 5in1 Smart LED Controller
User instruction

GL-W-CM-I-002



① **LED indicator**
Different color indicators correspond to different functions.

② **Reset**
Short press once to switch frequency; Long press 2s for system reset.

③ **OPT**
Short press to switch modes; Long press to memorize if the light is under OFF status or not.

Note: Short press the "OPT" key once (when switching the functions), the device will be disconnected to the network, and you will need to search lights again.

SPECIFICATION

Product Name	WiFi 5 in 1 LED Controller
Model NO.	GL-C-001W
Size	125x37x24mm
Input Voltage	DC12-24-36-48-54V
Protection Rate	IP20
Total Power	270W
Output Current/Channel	5A Max
Total Output Current	10A Max
Operating Temperature	-20~ 45°C
Common Anode	
Constant Voltage	

FUNCTIONS OF DIFFERENT INDICATOR COLORS SHOWN AS FOLLOWING TABLE: (RGBCCT->RGBW->RGB->CCT->DIMMER->RGBCCT)

	RGBCCT	RGBW	RGB	CCT	Dimmer
Indicator Color	White	Yellow	Blue	Green	Red

I. NETWORK PAIRING:

1. Pairing with your phone

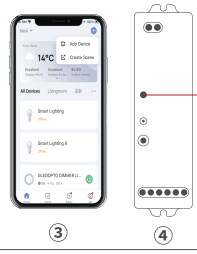
Add the device to the WiFi network

① **Please ensure the device wasn't be paired.**
Otherwise, please "RESET" the device according to the part II "RESET".

② **After STEP 1, there will be a pairing process about 90s.**
The indicator light will blink slowly

③ **Open the tuya APP add the device.**

④ **If the pairing done successfully after the above steps, the indicator light stops flashing and the strip turns green (cool white).**



2. Pairing with 2.4GHz RF Remote Control / Touch Panel

① **The pairing will be timeout after 4 seconds when the device powered on.**

② **The pairing will be done successfully by pressing any zone "On" key of the 2.4G RF Remote or touch panel.**

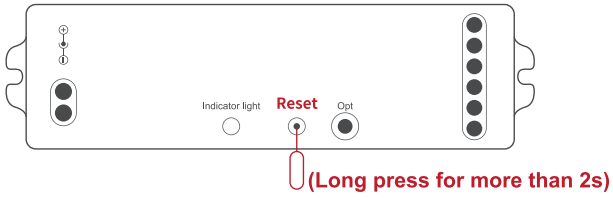
③ **The light strip will blink 3 times.**

II. RESET:

1.RESET the WiFi Network

① **Method1: Delete the device on the APP, after a period of time(a few seconds to a dozen seconds, depending on the network status), the indicator starts flashing.**

② **Method2: Long press for more than 2s to reset to unpair the network.**



2. RESET the 2.4GHz RF Network

① **Method 1: Short press the Master "On" key 5 times within 4 seconds after the device powered on, the device will blink 6 times.**

② **Method 2: Short press continuously 5 times the Zone "On" key the device being paired within 4 seconds after the device powered on, the device will blink 6 times.**

Method 1:

Short press for 5 times
(Power on the device, within 4s)

Method 2:

Short press for 5 times
(Power on the device, within 4s)

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III. WIRING DIAGRAM: 1. RGBCCT:

Under RGBCCT function, the RGBCCT strip can be connected to the device.

2. RGBW:

Under RGBW function, the RGBW strip can be connected, without any connection to "N" terminal.

3. RGB:

Under RGB function, the RGB strip can be connected, without any connection to "N" terminal.

4. CCT:

Under CCT function, two pieces of CCT strips can be connected, without any connection to "N" terminal.

5. DIMMER:

Under dimmer function, five pieces of single color strips can be connected.

IV. POWER-ON STATUS & FREQUENCY SETTINGS

1. Power-on Status Settings

Long press the 'opt' key for 2S , the light strip flashes for 2 times , the device will remember the on-off state before the last power failure and return to the previous state when powered on . Repeat the operation again to cancel this function , the device will be on by default when powered on.

2. Frequency Settings

In order to be applicable to different power supplies, the frequency of device is selectable as 600Hz、800Hz、1000Hz、2000Hz、4000Hz、8000Hz with default frequency 1000HZ. **Once short pressing "Reset" key**, the frequency will switch into the next one. The indicator will flash in **Pink** color and resume to previous color. The rule of indicator flashing times for different frequency please refer to table.

1000Hz -> 2000Hz -> 4000Hz -> 8000Hz -> 600Hz ->800Hz -> 1000Hz

	600Hz	800Hz	1000Hz	2000Hz	4000Hz	8000Hz
Flashing times	1	2	3	4	5	6

Attention

1. Please check whether the input voltage of the constant voltage power supply is in accordance with the controller, and please check the connection of both the cathode andanode.
2. The working Voltage is DC12-24-36-48-54V, the controller will be broken if the voltage is higher than 54V.
3. Non-professional user cannot dismantle the controller directly, otherwise, it may cause fire and electric shock.
4. The working temperature is -20~45°C; Do not use the device to direct sunlight, moist and other high temperature area.
5. Please do not use controller around the mental area and high magnetic field, otherwise, it will badly affect the control distance.

DISCLAIMERS

* This manual may contain inaccuracies or discrepancies of the product operations, or typographical errors. Our company will update the contents of this manual according to the improvements and changes of product functions, and regularly improve and update the software and hardware of products described in this manual. The updates will be shown in the latest edition of this manual without further notice.
* Due to the continuous adoption of new technologies by our company, the product parameters will be changed without any notice in prior.
* This manual is only for reference and guidance for customers. It does not guarantee that it is completely consistent with the actual product. The actual application is subject to the actual product.
* The parts, components and accessories mentioned in this manual do not represent the standard configuration of the product. The detailed configuration is subject to the packing list.
* All texts, tables and pictures in this manual are protected by the relevant national laws, and may not be used without permission by supplier.
* The copyright and right of the final interpretation of this manual are reserved by our company.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located for operating in conjunction with any other antenna or transmitter.