

W Series Instructions

Version 1.0

Shanghai Bianguang Industrial Co.,Ltd

TEL:+86-21-64412288/57603573

FAX:+86-21-64412288

E-mail: info@cnelgelight.com

No.55, Beimin Road, Chedun Town, Songjiang District, Shanghai

Contents

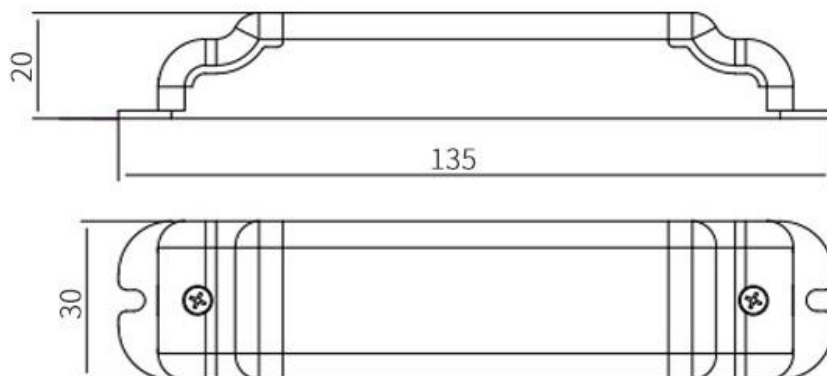
| | | |
|----|--|----|
| 1. | Product Introductions | 1 |
| 2. | Dimensions(mm) | 1 |
| 3. | Operation Instructions | 2 |
| 4. | Controller Component Description | 2 |
| 5. | App operation | 3 |
| | Download: | 3 |
| | Add Controller: | 4 |
| | Operation interface: | 5 |
| | Add the preset: | 8 |
| | Change the default: | 9 |
| | Property: | 11 |
| 6. | Technical Parameters | 12 |
| 7. | Connection Diagram | 13 |
| 8. | Warning | 13 |

1. Product Introductions



W series LED controller can experience dimming, color temperature, RGB, RGBW, PWM dimming, addressable light bar control, to meet the different needs of customers; Through the mobile App, you can adjust the color and brightness, select the special effects of lighting, adjust the speed and intensity of special effects, switch timing, and save and apply the scene.

2. Dimensions(mm)



3. Operation Instructions

Controller matches app:

Only after the controller enters the pairing mode can it be matched with the app.

Match:

After the controller is installed, the indicator is white and the green network indicator is blinking, indicating that the controller is in the network configuration state.

Rematch:

Press the RESET button for 3S to RESET the network and other configurations. RESET the color of the rear light bar to white breathing state and the green network indicator to blinking state. At this time, you can RESET the network for the controller through App.

4. Controller Component Description

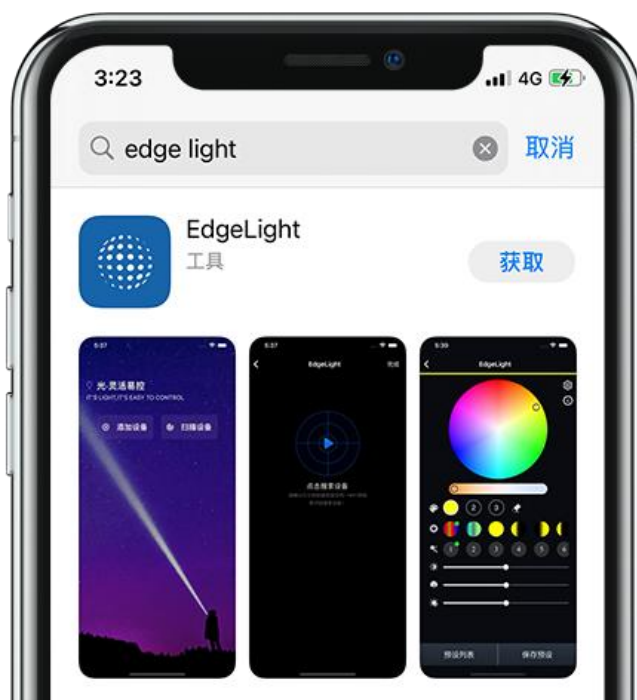


5. App operation

Download:



Android scan code download



iPhone from the app store, search EdgeLight

Add Controller:

①Click "Add Device" button to add controller (note: controller must be connected to power supply, green network status indicator blinks)



②Confirm that the current mobile phone is connected to WiFi, the App will automatically fill in the WiFi connected to the current mobile phone, you need to manually enter the password, click the connect button (note: 5GHz WiFi is not supported)



③Confirm that the mobile phone is connected to the same network with the controller and click Search device. After finding the device, click Finish to return to the home page and click the bound controller to enter the operation panel page.



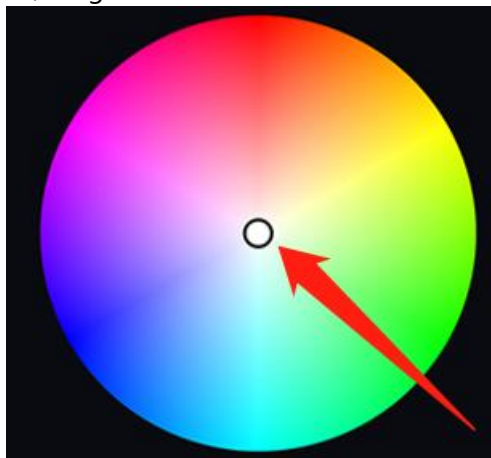
Operation interface:

Function display of operation panel



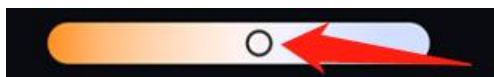
① Choose colors:

There is a small circle in the palette, drag the small circle to mix the color.



② Colour temperature adjusting:

The color temperature adjustment belt can adjust the color temperature. The yellow side is warm color, and the blue side is cold color. After selecting the white light channel, the adjustment effect will be the best under the white light.



④Dominant colour:

You can choose 3 colors for the primary color, the first color is the primary color, and the other two colors are the secondary colors. Selecting the primary color and the secondary color can affect the color effect of the palette. The eraser function on the right side can eliminate the colors of 2 and 3.ect.



⑤color palette:

The palette can be adjusted to match the colors of some special effects.



⑥Effects:

The special effect can change the dynamic effect of the light bar. When the special effect is selected, a small green dot will appear in the upper right corner of the button, indicating that the special effect is selected.



⑦Luminance:

You can adjust the brightness of the current light bar by clicking the brightness adjustment strip. Sliding is supported (not recommended, as command sending may fail). When you click or slide, the percentage of the current brightness is displayed.



⑧Speed:

Click the speed adjustment belt to adjust the running speed of the current special effect. Sliding is supported (not recommended, command sending may fail). When clicking or sliding, the percentage of the current special effect speed will be displayed.



⑨Light intensity:

Click intensity is adjustable, can adjust the strength of the current special effects, special effects that effects the color contrast intensity, when the intensity of low effects tend to be a kind of color, special effects when high strength high colour contrast, sliding support (not recommended, may cause the failure of commands sent), click or sliding operation, the percentage of the above will display the current intensity of special effects.



⑩White light channel:

When the light bar type is set to RGBW, this adjustment strip will be displayed. Click to adjust the brightness of the white light channel. Sliding is supported (not recommended, which may cause command sending failure).



Add the preset:

Add preset, click Save preset, enter preset name, click OK, the saved preset will be viewed and selected in the preset list.



Change the default:

Switch the preset, click the preset name or the single box in front of the preset name to select the desired lighting effect;

Delete presets, click the Delete button to delete presets.



Settings:

- ① Setting Basic Information



② Timing setting: set the opening and closing time of the light bar

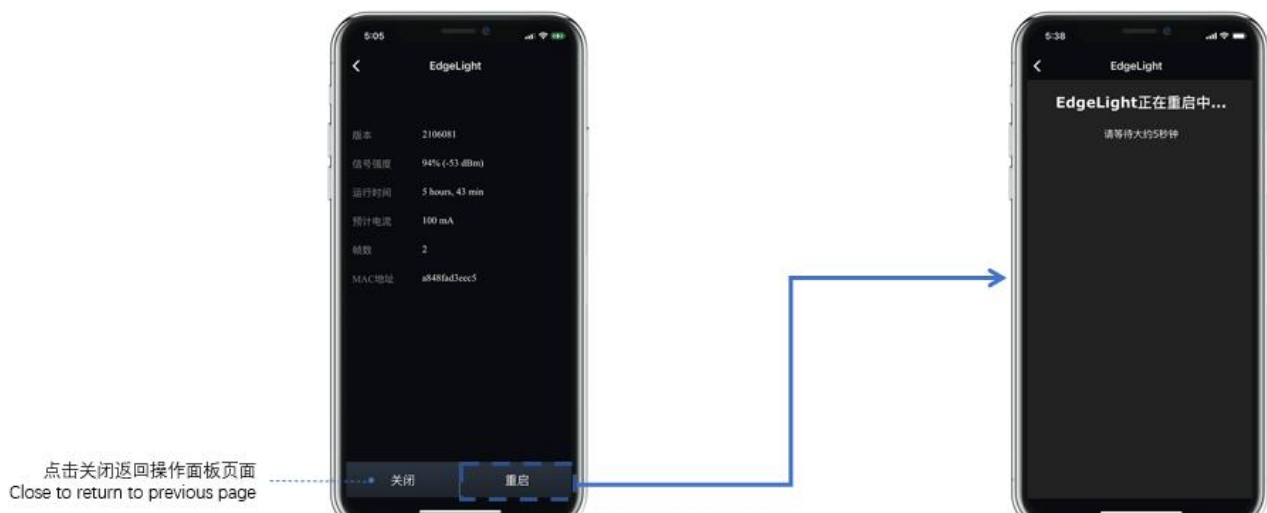


③ Network Settings page, the replacement of WiFi can be modified here



Property:

Basic information: After clicking the button to restart the App, the button text will be displayed as: Confirm to restart? The color is red. Click here to confirm the restart and jump to the interface waiting for the APP to restart. After the restart of the controller is completed in about 5S, the APP will automatically jump to the control home page.

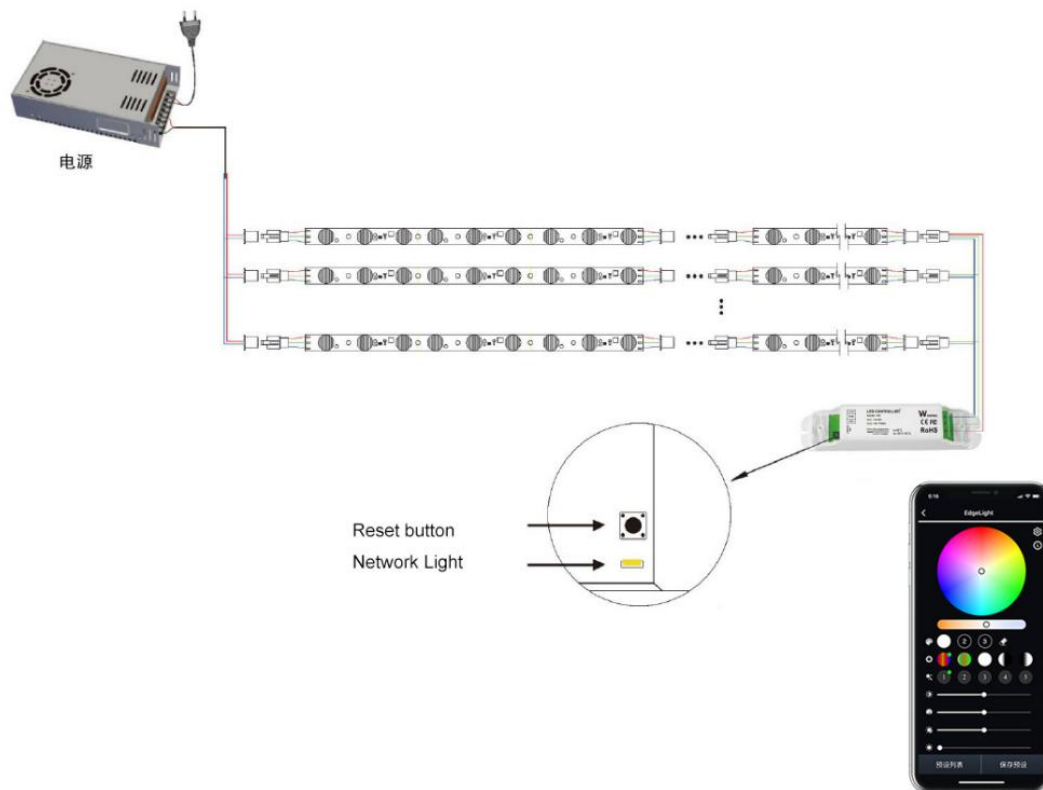


6. Technical Parameters

| WiFi PWM dimming controller | |
|-----------------------------|------------------|
| Model | W5 |
| Input Voltage | 5-24Vdc |
| Out Control | 5V PWM |
| Current Load | NC |
| Output Power | NC |
| Network Type | WiFi 2.4GHz |
| Working Temp | -40°C-85°C |
| Dimensions | L160xW40xH26(mm) |
| Packing | L165xW45xH30(mm) |
| Weight | 38g |

7. Connection Diagram

Connect to LED Strip.



8. Warning

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: 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 har

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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.