



ISOLED W5 WiFi PWM Dimming Controller Instructions

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ISOLED®

ISOLED W5 WiFi PWM Dimming Controller

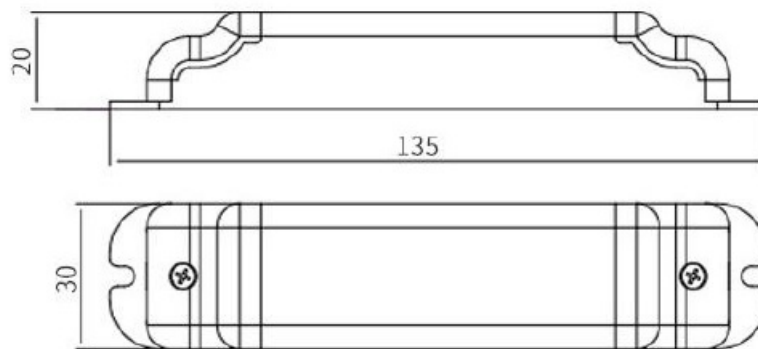


Product Introductions



W series LED controller can experience dimming, color temperature, RGB, RGBW, PWM dimming, and 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.

Dimensions(mm)



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 a white breathing state and the green network indicator to a blinking state. At this time, you can RESET the network for the controller through App.

Controller Component Description



App operation

Download



Android scan code download



iPhone from the app store, search EdgeLight

AddController

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



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



Confirm that the mobile phone is connected to the same network as 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



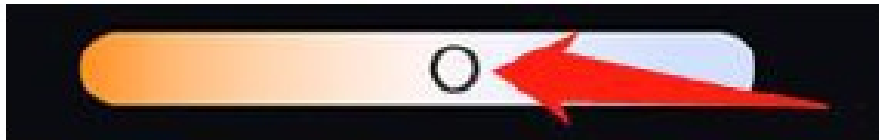
Choose colors

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



Colour temperature adjusting

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



Dominant color

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. etc.



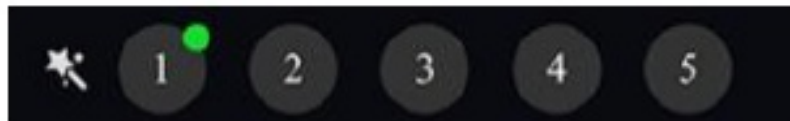
color palette

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



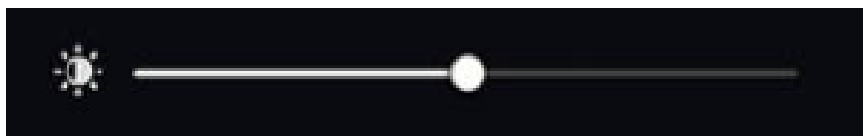
Effects

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.



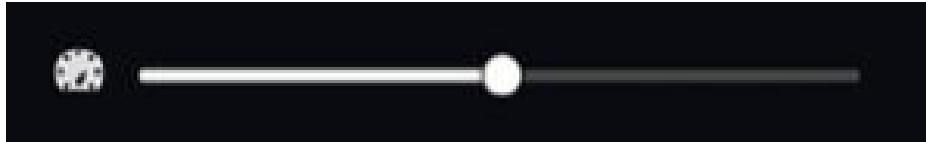
Luminance

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.



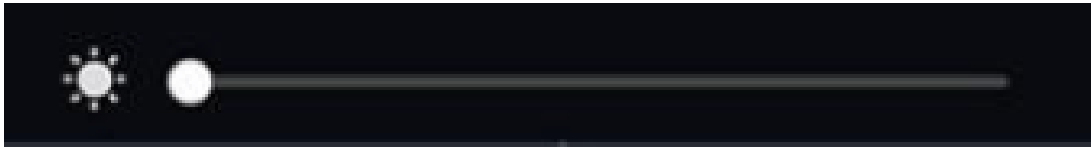
Speed

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.



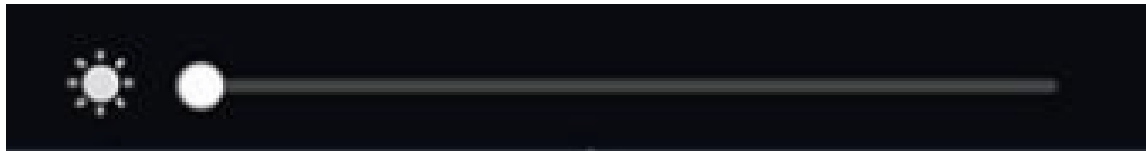
Light intensity

Click intensity is adjustable, and 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 color 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.



White 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.



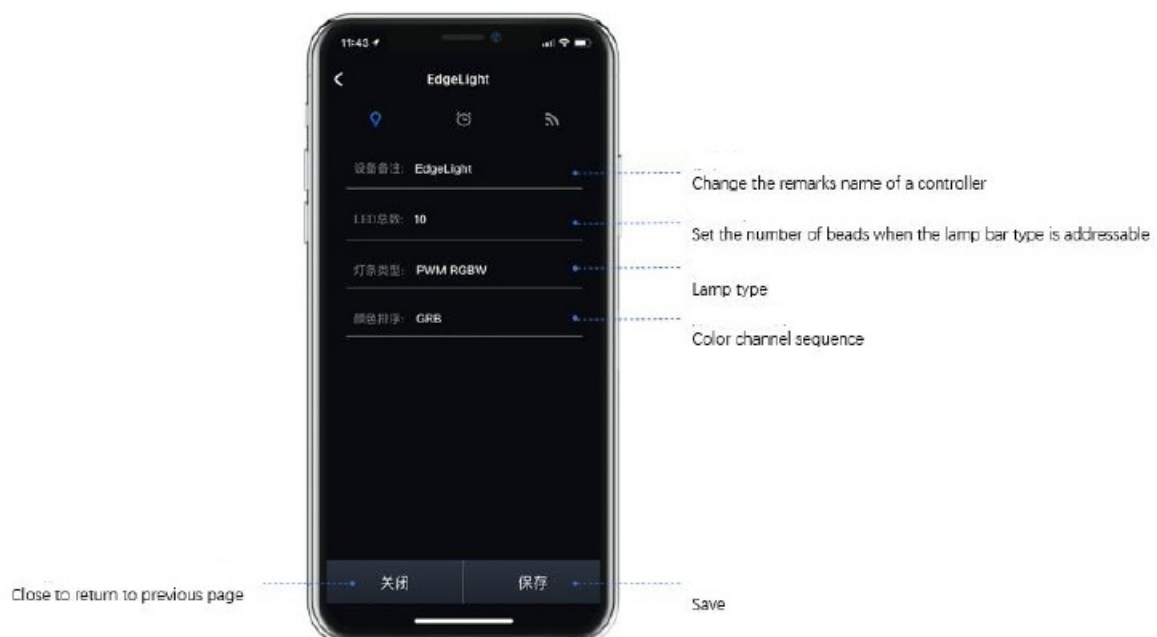
Change the default

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

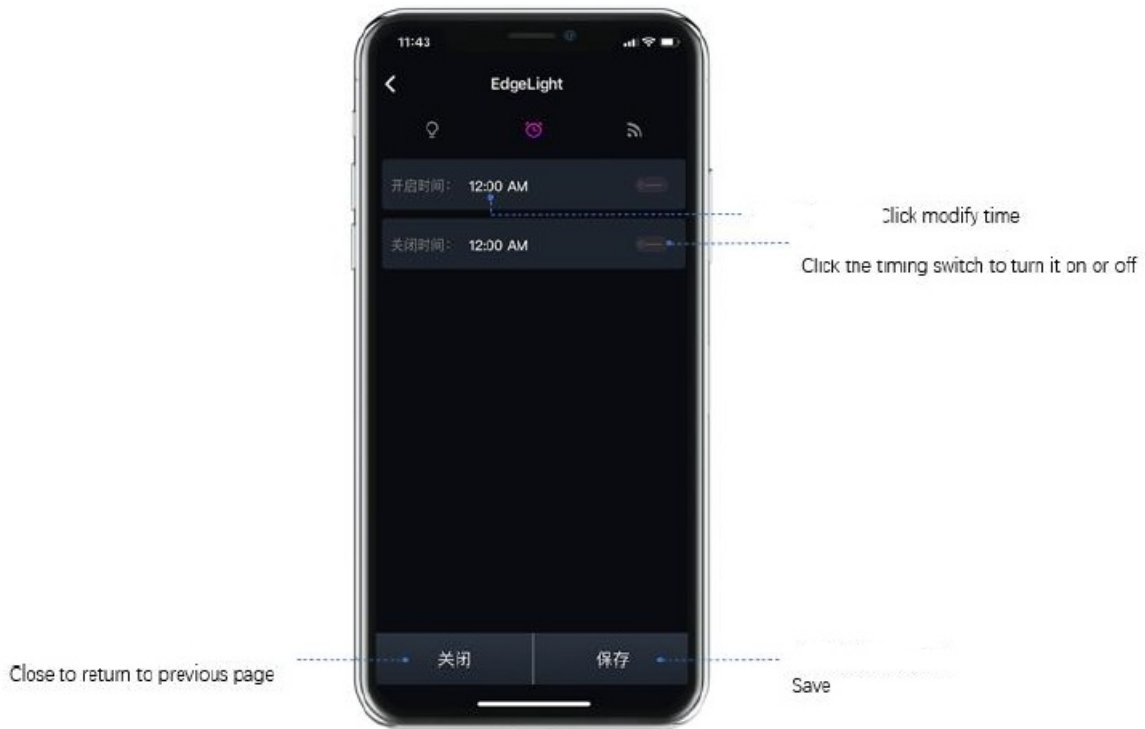


Settings

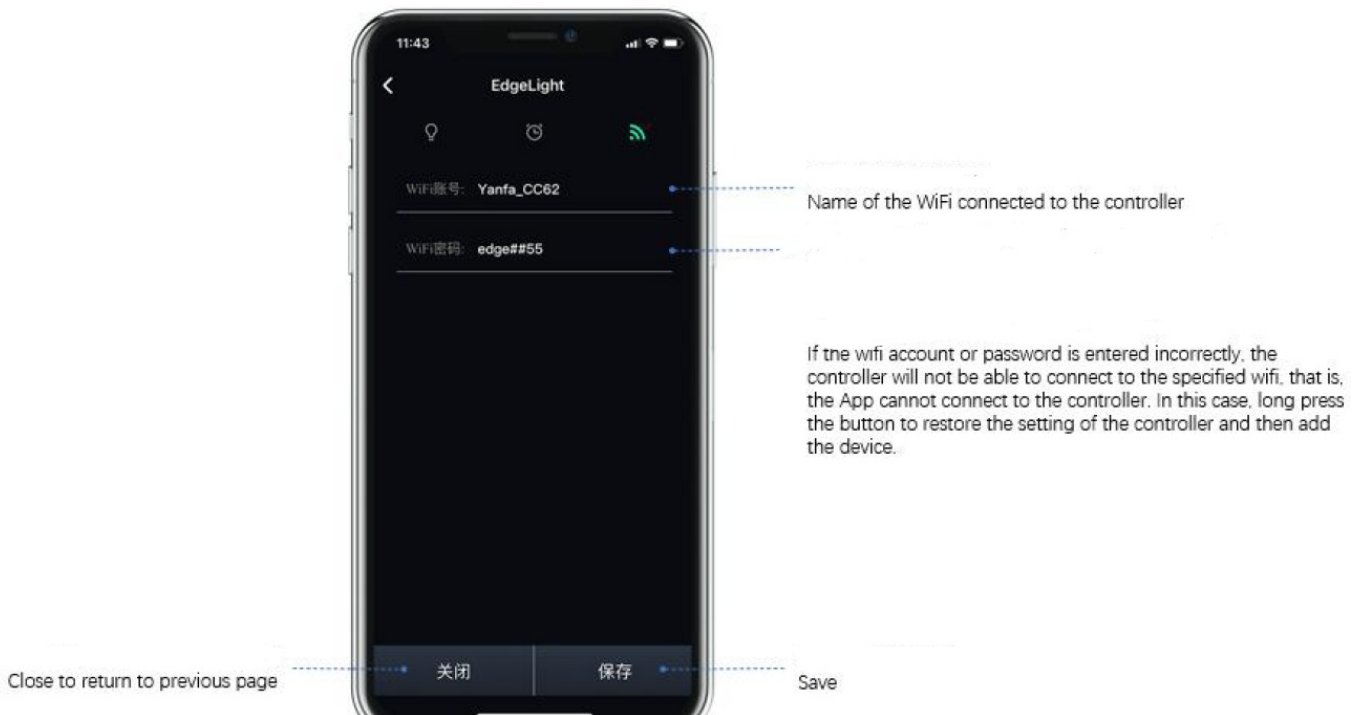
Setting Basic Information



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

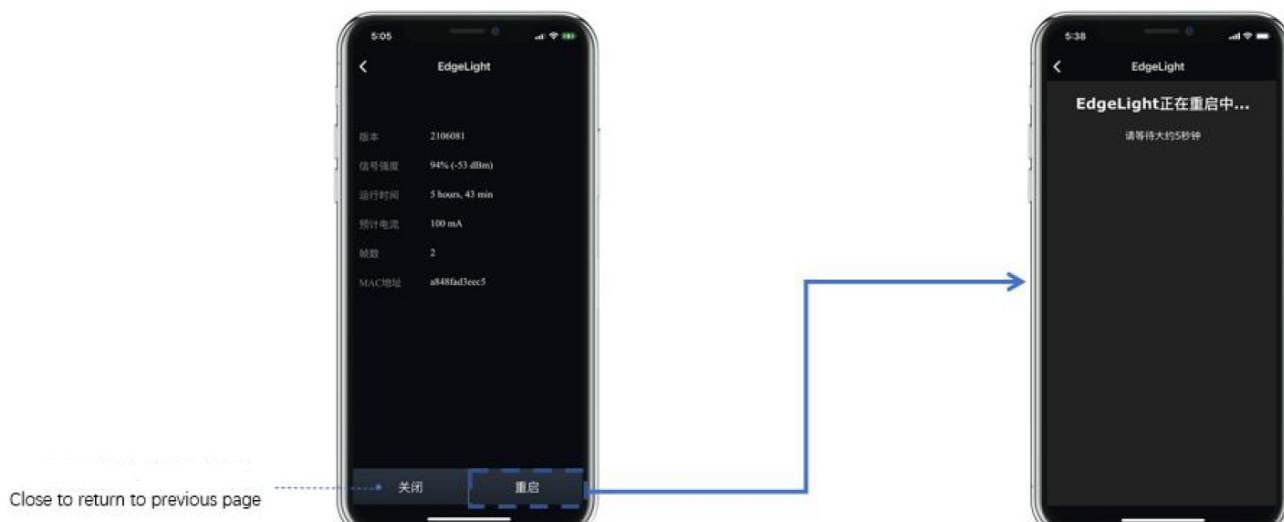


Network Settings page, the replacement of WiFi can be modified here



Property

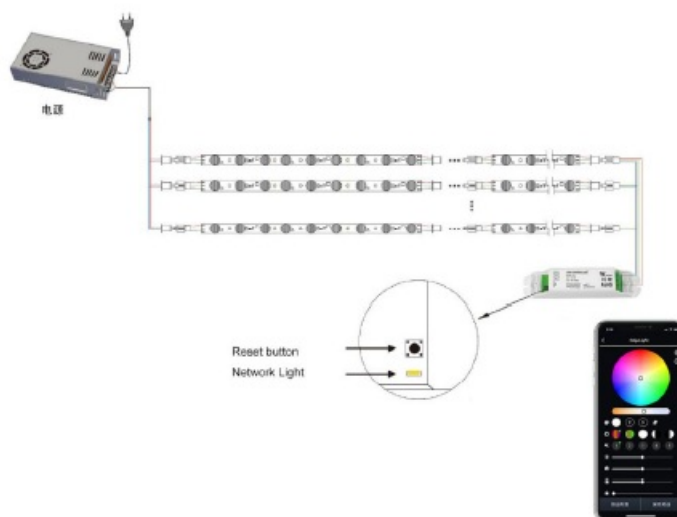
Basic information: After clicking the button to restart the App, the button text will be displayed as: Confirm to restart? The color is red. Click here to confirm the restart and jump to the interface waiting for the APP to restart. After the restart of the controller is completed in about 5S, the APP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



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

Connection Diagram



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 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.

Documents / Resources

<div><div>W Series Instructions</div><div>Version 1.2</div><div>© 2018 W Series Inc. All rights reserved. W Series Inc. is a registered trademark of W Series Inc. W Series Inc. is not responsible for any damage or loss of data caused by the use of this software. W Series Inc. is not responsible for any damage or loss of data caused by the use of this software.</div></div>	<div><div>ISOLED W5 WiFi PWM Dimming Controller [pdf] Instructions</div><div>LCWIFI, 2A5XI-LCWIFI, 2A5XILCWIFI, W5 WiFi PWM Dimming Controller, W5 Dimming Controller, WiFi PWM Dimming Controller, WiFi Dimming Controller, PWM Dimming Controller, Dimming Controller, Controller</div></div>
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