IOS / Android

ESP32 WLED Digital LED Controller

Network control

night light

Special effects

subdivision control

GLEDOPTO

GPIO2

GPIO16

wire preparation
0.33-2.08mm²
9-10mm

ESP32 WLED Digital LED Controller

Model NO.: GL-C-009WL
Input Voltage: DC 5-24V
IC Quantity: 800 Max.
Total Output Current: 10A Max.
Operating Temperature: -20 to+45°C
Constant Voltage

IP20

OPT

INPUT

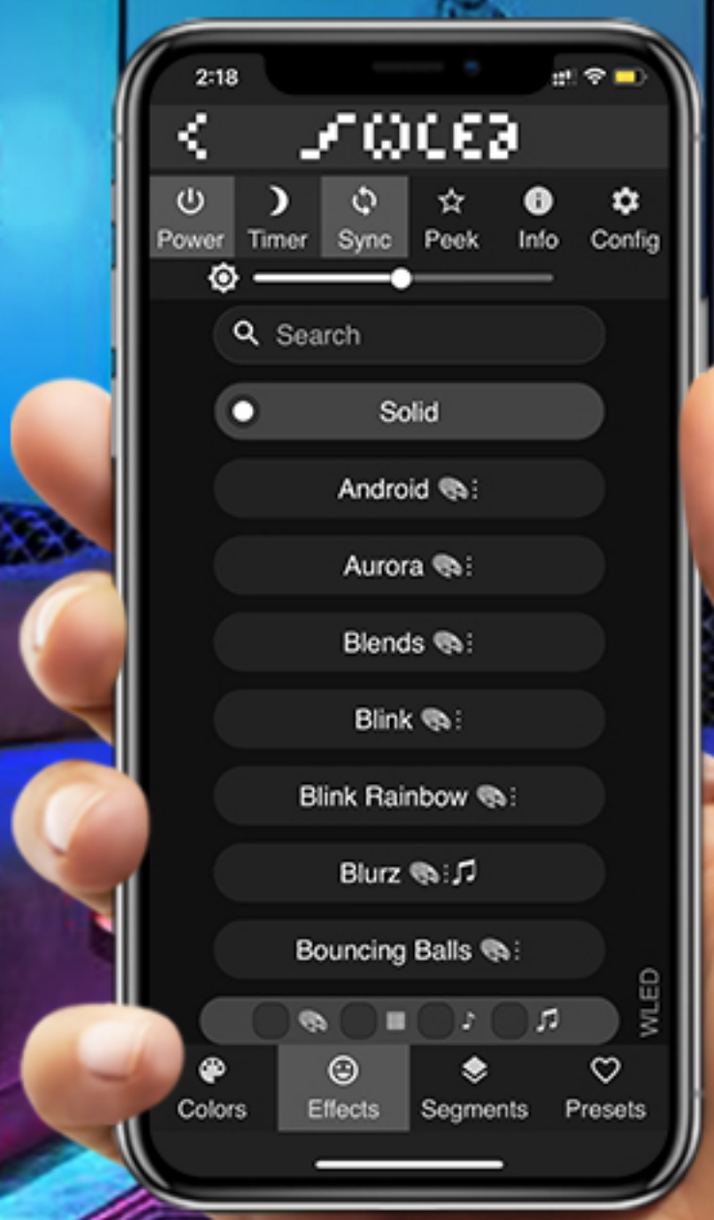
V+ V -

Smart Phone APP Control

No gateway required, simple operation

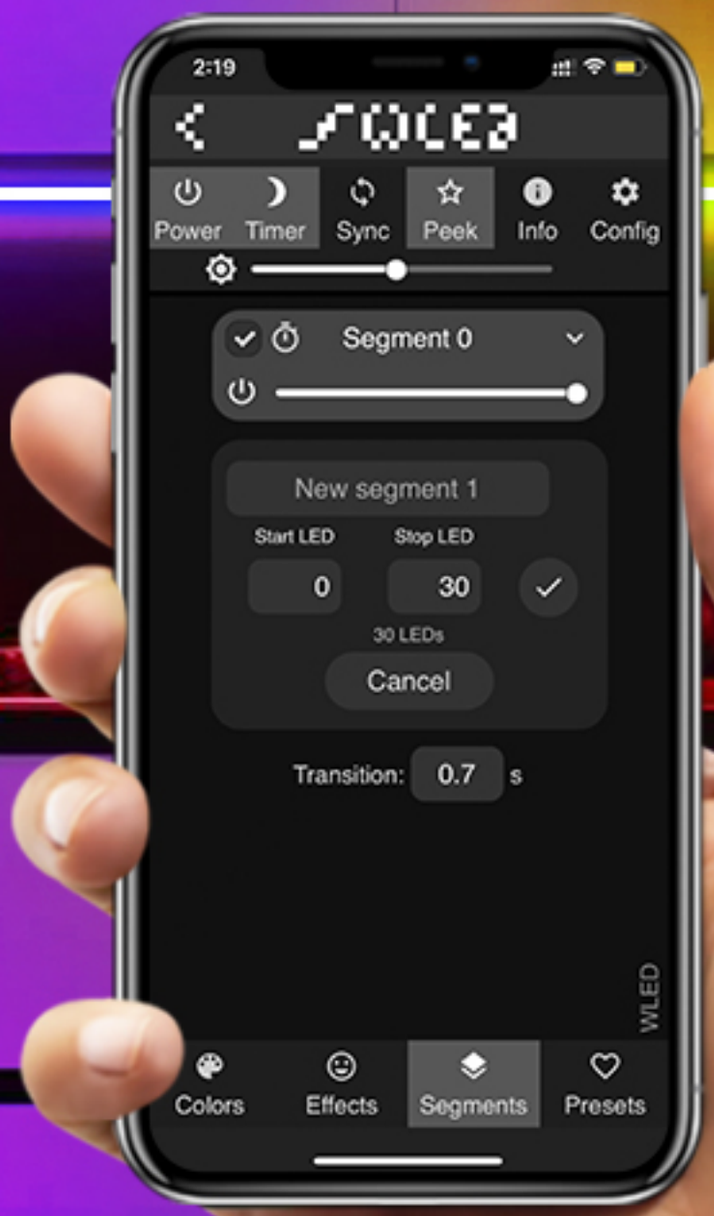
Over 100 special effects

Always there is one that suits you



DIY lighting effect

Lighting effects vary freely, Up to 250 user presets



Segmented Color Control

Personalize every strip segment to show different colors

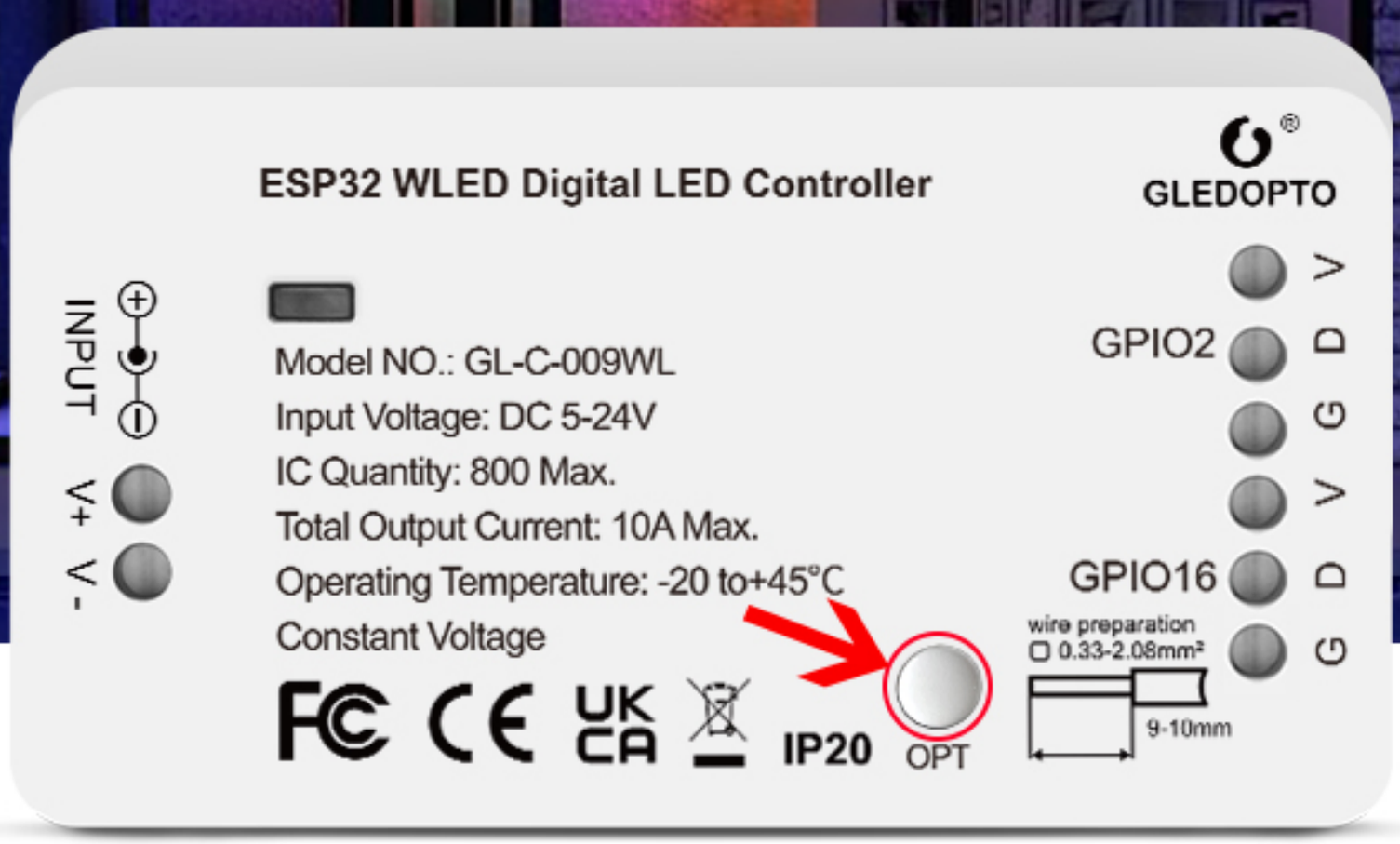
Maximum IC quantity

800
Max

* When the number of ICs is too large, it is necessary to consider whether it will exceed the rated current of the controller. If the current is too large, the power supply needs to be increased.

Button function

Easy to operate, easy to master



1. Short press: On/Off.
2. Long press for 1 second: Switch color.
3. Long press for 10 seconds: Reset the WLED controller and activate the WLED-AP hotspot.

Product parameters

Craftsman spirit, quality is guaranteed

Product Name: ESP32 WLED Digital LED Controller

Model NO.:
GL-C-009WL

Input Voltage:
DC 5-24V

IC Quantity:
800 Max

Total Output Current:
10A Max

N.W.:
54.8g

G.W.:
67.2g

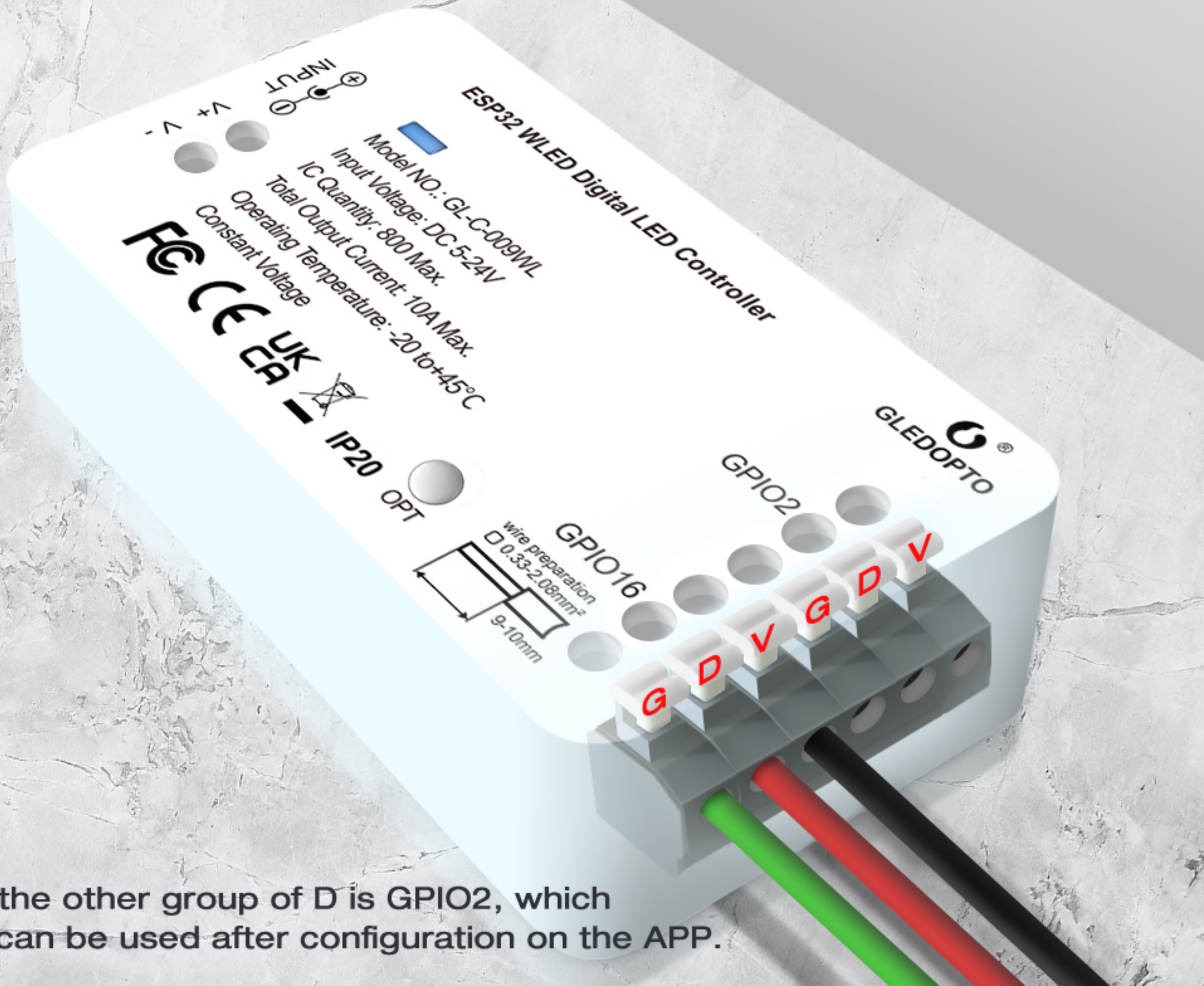
Operating Temperature:
-20 to+45℃

Size:
23.5x48x89mm

Supported Chips:
WS2811, SK6812, SM16703P, WS2812B, etc.

Wiring instructions

the group of D for GPIO16 is the
default output, please use this group first



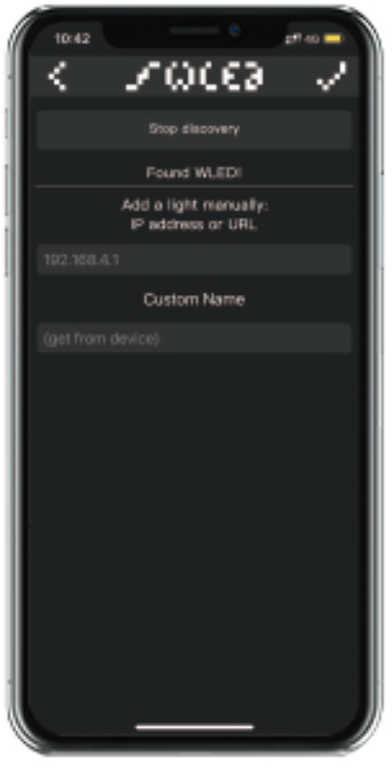
*the other group of D is GPIO2, which
can be used after configuration on the APP.

APP Configuration Steps

1. Open the phone settings and enter WiFi settings, find "WLED-AP" and connect to it with the password "wled1234".

2. After successful connection, it will automatically jump to the WLED page(or enter the website 4.3.2.1 in the browser to enter the WLED page).

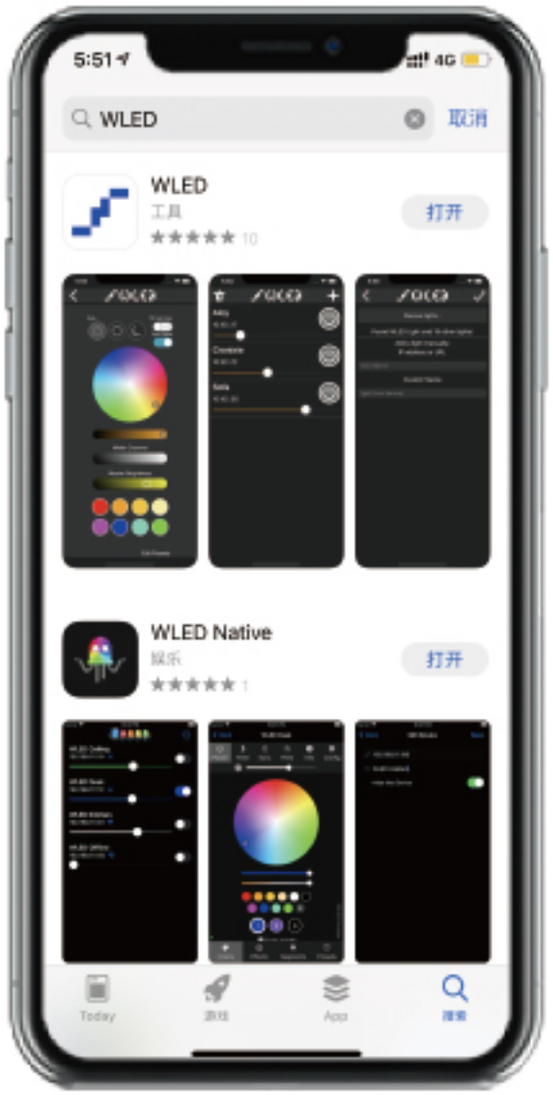
3. Click "WIFI SETTINGS", set the WiFi account and password, and then click"Save & Connect" at the top of the screen to save.



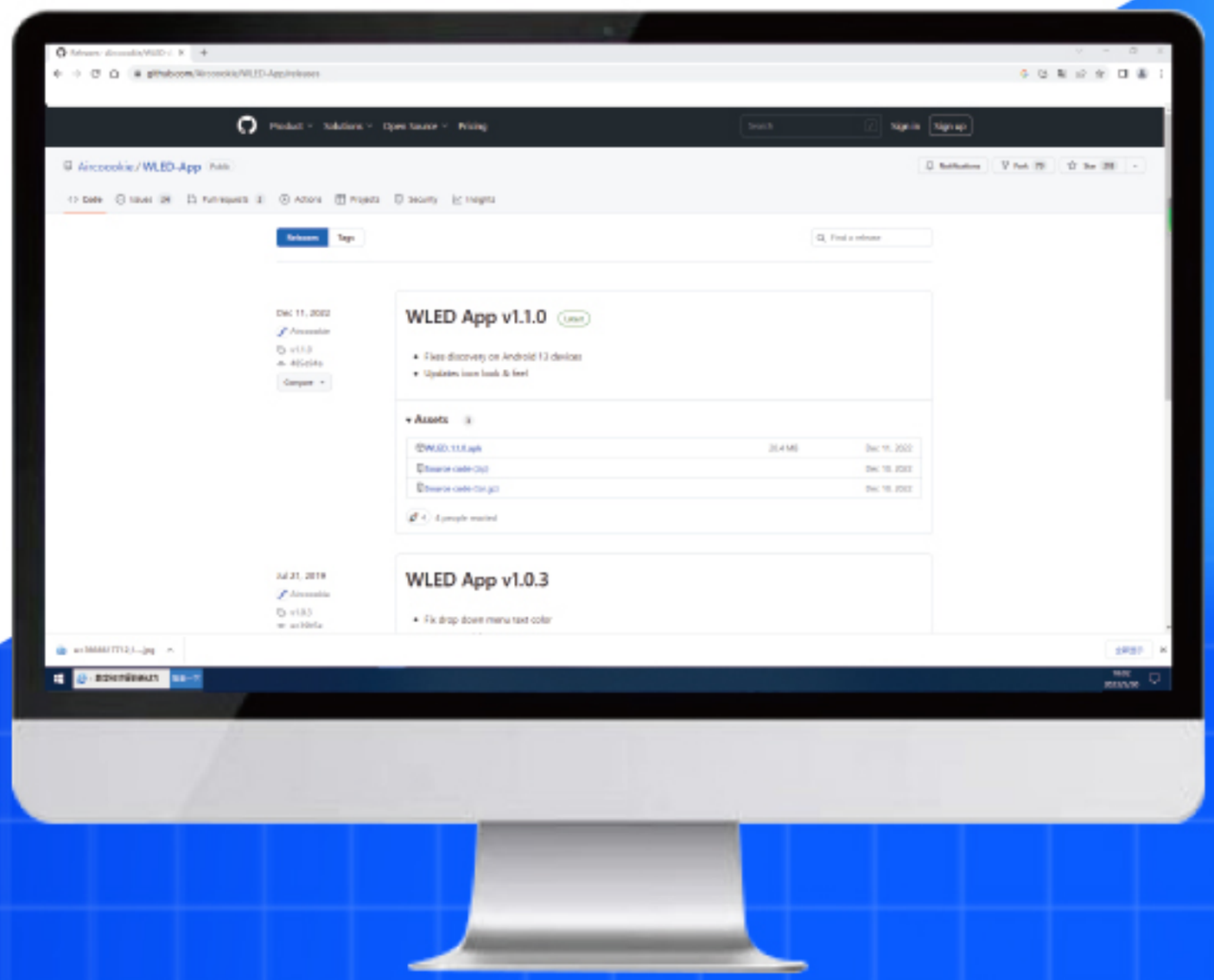
4. click the"+" in the upper right corner of the screen, and then click "DISCOVER LIGHTS..." . When the button below displays "Found WLED!", it means that the WLED controller has been found .

APP download method

Suitable for various indoor lighting applications



IOS: Search and download WLED in the "App Store" app.



Android: Download from the website https://github.com/Aircoookie/WLED-App/releases.

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