

Configuring your WLED Lightbox



RECAP: <https://install.wled.me/>



Configure Wi-Fi

Enter the credentials of the Wi-Fi network that you want your device to connect to.

Network Name
Your custom name

Password

BACK CONNECT

Powered by [ESP Web Tools](#)

[GitHub](#) kno.wled.ge

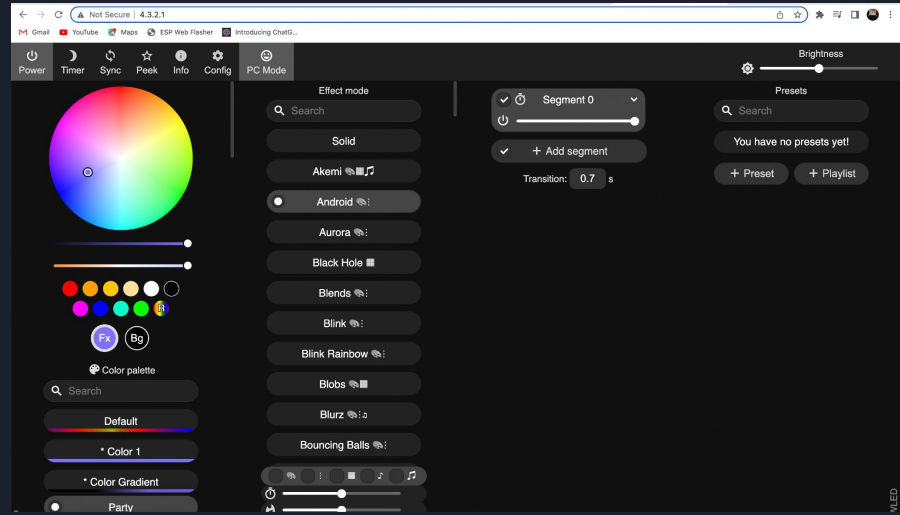
Yesterday you each set a custom name for your Lightboxes.

Next we're going to connect to them remembering those names.

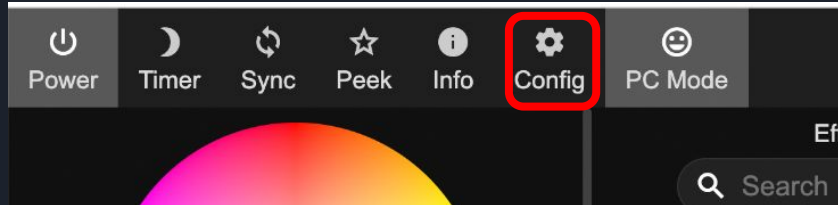
network1

network2

If you're here
already



Go Here!



Then Here!

WiFi Setup



Configuring your Lightbox's AP (Access Point)

Your Private Lightbox

Fill “AP Password” box with a custom password

Passwords should be atleast **8 characters**. (Preferably more)

Secure passwords should include:

- CAPITAL LETTERS
- Numbers
- Special characters (! , @ # \$ % & * ? >)

Tick Disable WiFi sleep box

Save & Connect!

Configure Access Point

AP SSID (leave empty for no AP):
WLED-AP

Hide AP name: ☐

AP password (leave empty for open):
.....

Access Point WiFi channel: 1

AP opens: No connection after boot ▾
AP IP: 4.3.2.1

Experimental

Disable WiFi sleep: ☒

Can help with connectivity issues.

Do not enable if WiFi is working correctly, increases power consumption.

BackSave & Connect

Connecting to your Lightbox



Welcome to WLED!

Thank you for installing my application!

Next steps:

Connect the module to your local WiFi here!

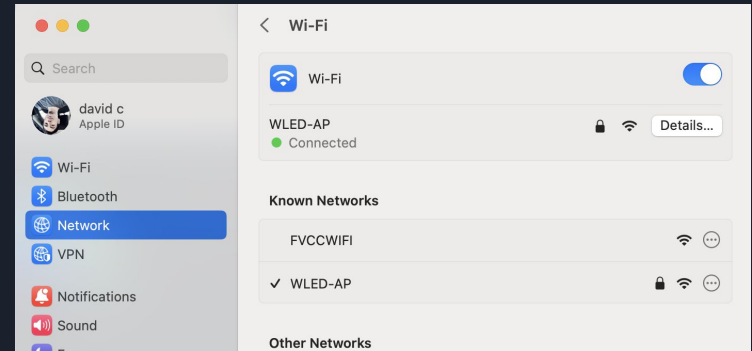
WIFI SETTINGS

Just trying this out in AP mode?

TO THE CONTROLS!

Connect to your Lightbox's network:

Default Password: **wled1234**



LED Preferences

Back

Save

LED & Hardware setup

Total LEDs: 8

Recommended power supply for brightest white:

ESP 5V pin with 1A USB supply
(for most effects, ~0.5A is enough)

Enable automatic brightness limiter: ☒

Maximum Current: 1000 mA

Automatically limits brightness to stay close to the limit.
Keep at <1A if powering LEDs directly from the ESP 5V pin!
If you are using an external power supply, enter its rating.
(Current estimated usage: 475mA)

LED voltage (Max. current for a single LED):
5V default (55mA) ▾

Keep at default if you are unsure about your type of LEDs.

Hardware setup

LED outputs:

1: WS281x ▾

Color Order: GRB ▾

Start: 0 Length: 8

Screenshot

Click on “back” button and then select “LED Preferences”

Maximum Current : 1000mA (milliamp) which is equal to 1A (Amp)

Connecting your Lightbox to another network

Back

Save & Connect

WiFi setup

Connect to existing network

Scan

Network name (SSID, empty to not connect):

Your_Network

Network password:

Static IP (leave at 0.0.0.0 for DHCP):

0 . 0 . 0 . 0

Static gateway:

0 . 0 . 0 . 0

Static subnet mask:

255 . 255 . 255 . 0

mDNS address (leave empty for no mDNS):

http:// wled-e4c32a .local

Client IP: Not connected

Configure Access Point

AP SSID (leave empty for no AP):

WLED-AP

Hide AP name: ☐

AP password (leave empty for open):

Navigate to “WiFi SETTINGS”

Click “Scan” to connect your lightbox to an existing network.

Select “**Network1**” or “**Network2**”

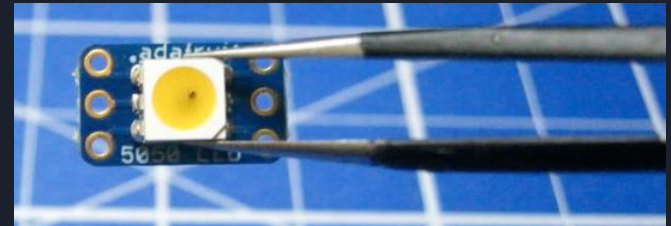
At home select your home network’s name or manually input it below with your home network info.

Save & Connect!

Danger!

We limit the current to avoid damaging your LEDs
and to ensure a balanced output and life span.

Do not set greater than 1000mA!



Hardware setup

Back Save

Hardware setup

LED outputs:

1: WS281x

Color Order: GRB

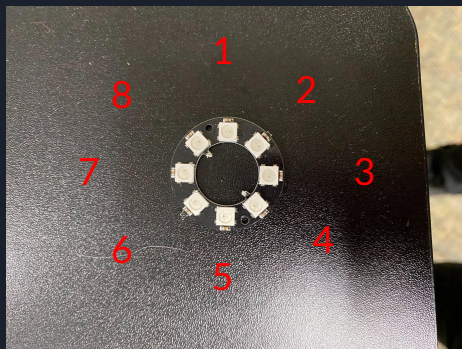
Start: 0 Length: 8

GPIO: 2

Reversed (rotated 180°): ☐

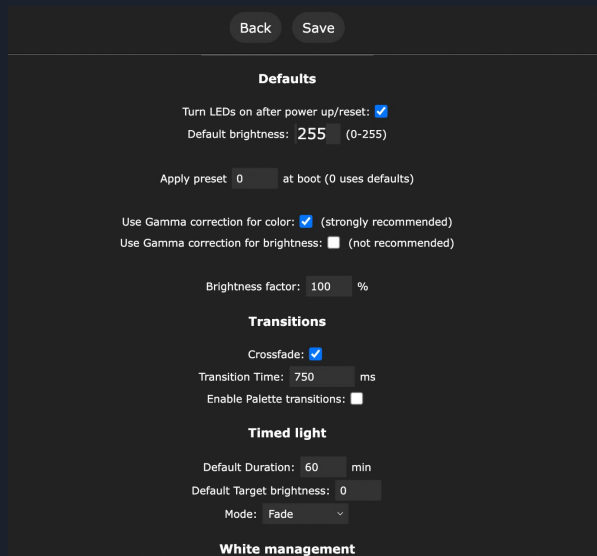
Skip first LEDs: 0

Off Refresh: ☐



Set “LED outputs” length to “8”

Brightness & Transitions



The screenshot shows a configuration interface with a dark background. At the top, there are 'Back' and 'Save' buttons. The interface is divided into three main sections: 'Defaults', 'Transitions', and 'Timed light'. The 'Defaults' section includes options for turning LEDs on after power up/reset (checked), default brightness (255), and applying a preset at boot. The 'Transitions' section includes options for gamma correction for color (checked) and brightness (unchecked), and a brightness factor (100%). The 'Timed light' section includes options for default duration (60 min), default target brightness (0), and a mode (Fade). A 'White management' section is partially visible at the bottom.

Back Save

Defaults

Turn LEDs on after power up/reset: ☒

Default brightness: 255 (0-255)

Apply preset 0 at boot (0 uses defaults)

Use Gamma correction for color: ☒ (strongly recommended)

Use Gamma correction for brightness: ☐ (not recommended)

Brightness factor: 100 %

Transitions

Crossfade: ☒

Transition Time: 750 ms

Enable Palette transitions: ☐

Timed light

Default Duration: 60 min

Default Target brightness: 0

Mode: Fade

White management

Default brightness:

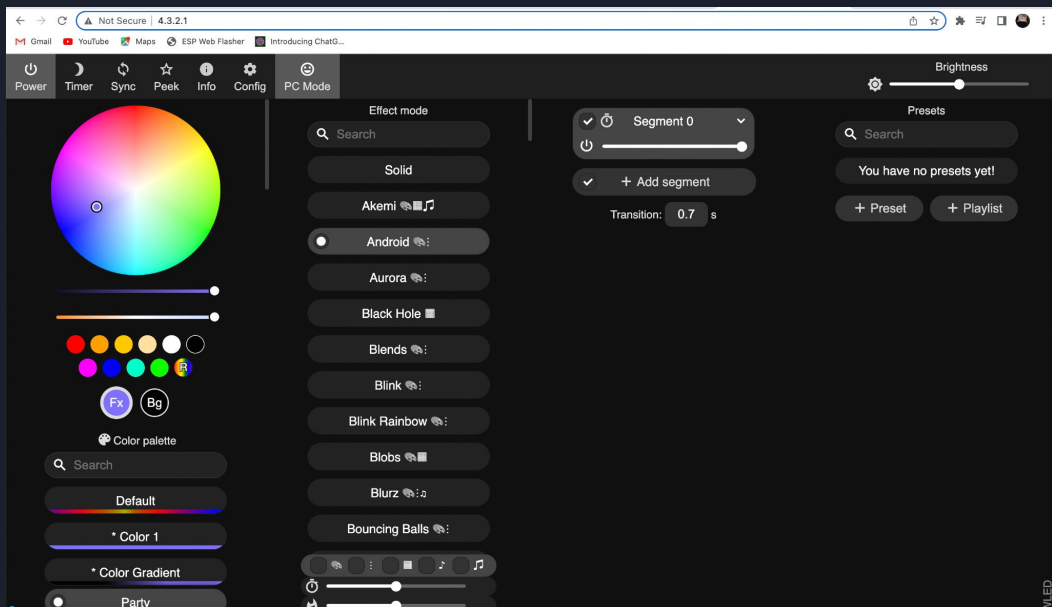
255

Transitions: ???

Try out however many
milliseconds

1000 ms = 1 sec

Let's get creative!



Connect using the app!

Installation

- Download the Blynk (legacy) app from the [Play Store](#) or the [App Store](#)
- Scan this QR code with the app:



WLED

All your lights in one place!

★★★★☆ 154

