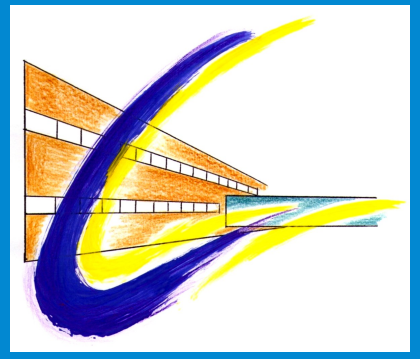
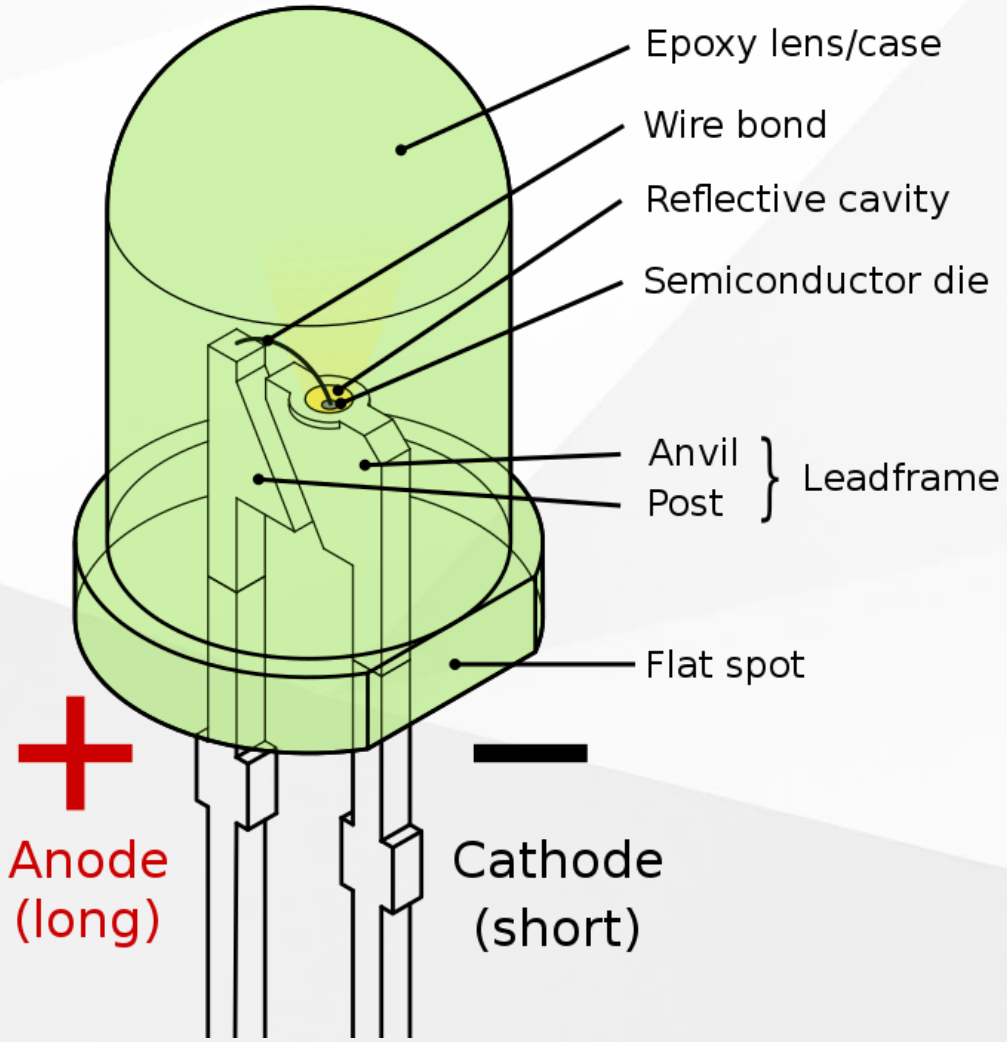
SMX-M1-UF3-NF1-AF6-PRE RGB



Joan Botella Vinaches
Institut Castellbisbal

LED (*Light Emitting Diode*)

- Convencional



LED

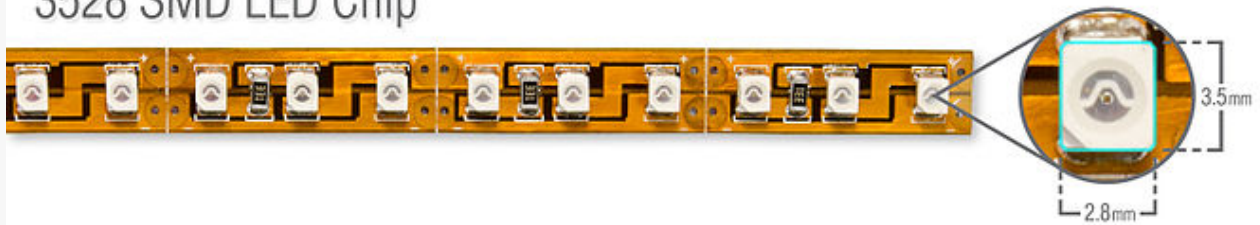
- RGB

- Non addressable RGB strip (analògica)

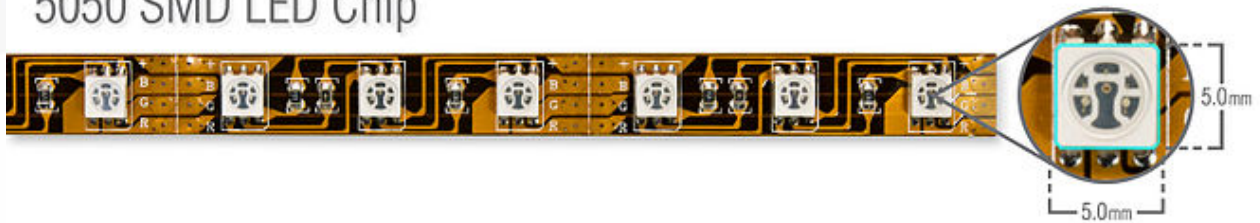
- Addressable RGB strip (digital)

LED

3528 SMD LED Chip



5050 SMD LED Chip



3014 SMD LED Chip

3020 SMD LED Chip

2835 SMD LED Chip

LED

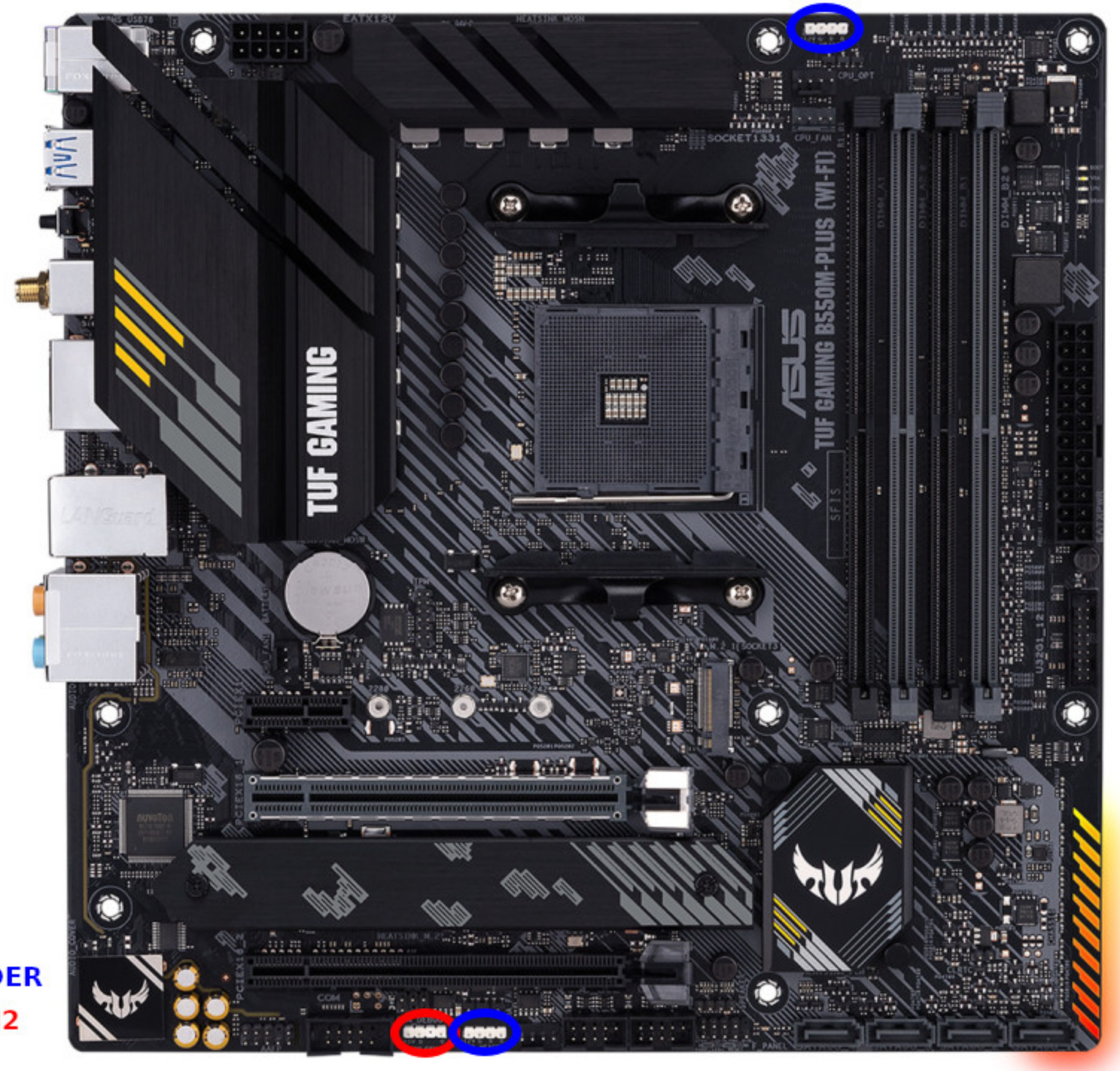
SMART LED STRIP LIGHTS
RGB
DIMMABLE
APP CONTROL
IR REMOTE CONTROL
MUSIC SYNC
RGB Music Controller
COLOR
SPEED
MODE
DEMO

LED

- RGB fan

A la Placa Base

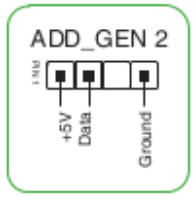
A la Placa Base



- Connectors addressable i non addressable

10. Aura Addressable Gen 2 header

The Addressable Gen 2 header allows you to connect individually addressable RGB WS2812B LED strips or WS2812B based LED strips.



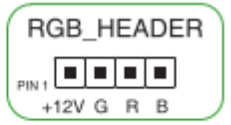
The Addressable Gen 2 header supports WS2812B addressable RGB LED strips (5V/Data/Ground), with a maximum power rating of 3A (5V), and the addressable headers on this board can handle a combined maximum of 500 LEDs.

Before you install or remove any component, ensure that the power supply is switched off or the power cord is detached from the power supply. Failure to do so may cause severe damage to the motherboard, peripherals, or components.

- Actual lighting and color will vary with LED strip.
- If your LED strip does not light up, check if the addressable RGB LED strip is connected in the correct orientation, and the 5V connector is aligned with the 5V header on the motherboard.
- The addressable RGB LED strip will only light up when the system is powered on.
- The addressable RGB LED strip is purchased separately.

11. Aura RGB headers

The RGB headers allow you to connect RGB LED strips.



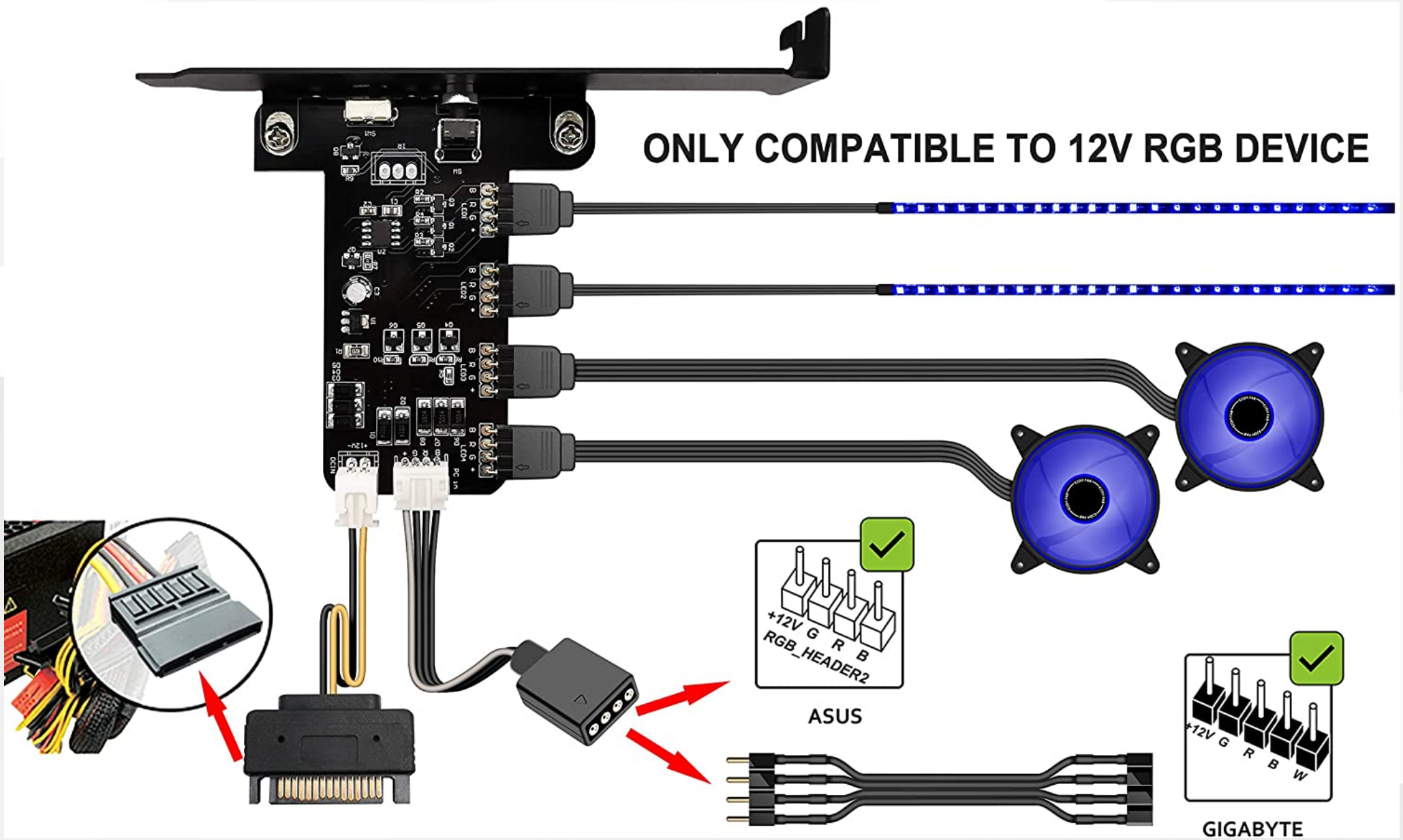
The RGB headers support 5050 RGB multi-color LED strips (12V/G/R/B), with a maximum power rating of 3A (12V), and no longer than 3 m.

Before you install or remove any component, ensure that the ATX power supply is switched off or the power cord is detached from the power supply. Failure to do so may cause severe damage to the motherboard, peripherals, or components.

- Actual lighting and color will vary with LED strip.
- If your LED strip does not light up, check if the RGB LED extension cable and the RGB LED strip are connected in the correct orientation, and the 12V connector is aligned with the 12V header on the motherboard.
- The LED strip will only light up when the system is powered on.
- The LED strip is purchased separately.

- Exemples:
  - Asus Aura Sync
  - Gigabyte RGB Fusion 2.0
  - MSI Mystic Lights

Amb Targeta d'Expansió


ONLY COMPATIBLE TO 12V RGB DEVICE
+12V G R B
RGB_HEADER2
ASUS
+12V G R B W
GIGABYTE

Per USB

Intern

Per USB - Intern

- Controladora

Per USB - Intern

- Fan hub

Extern

Per USB - Extern

Exemples

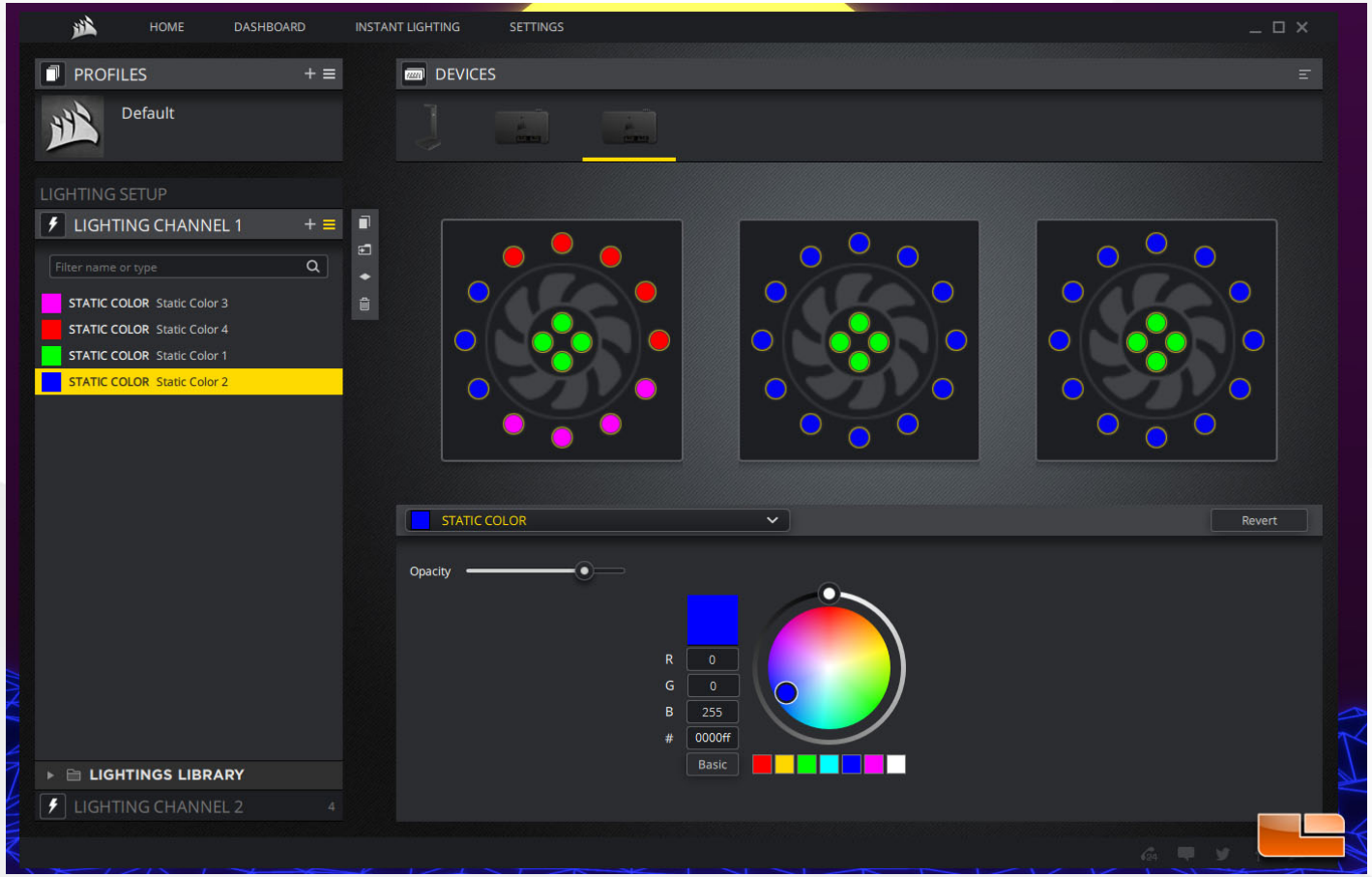
Per USB - Exemples

- Corsair iCUE

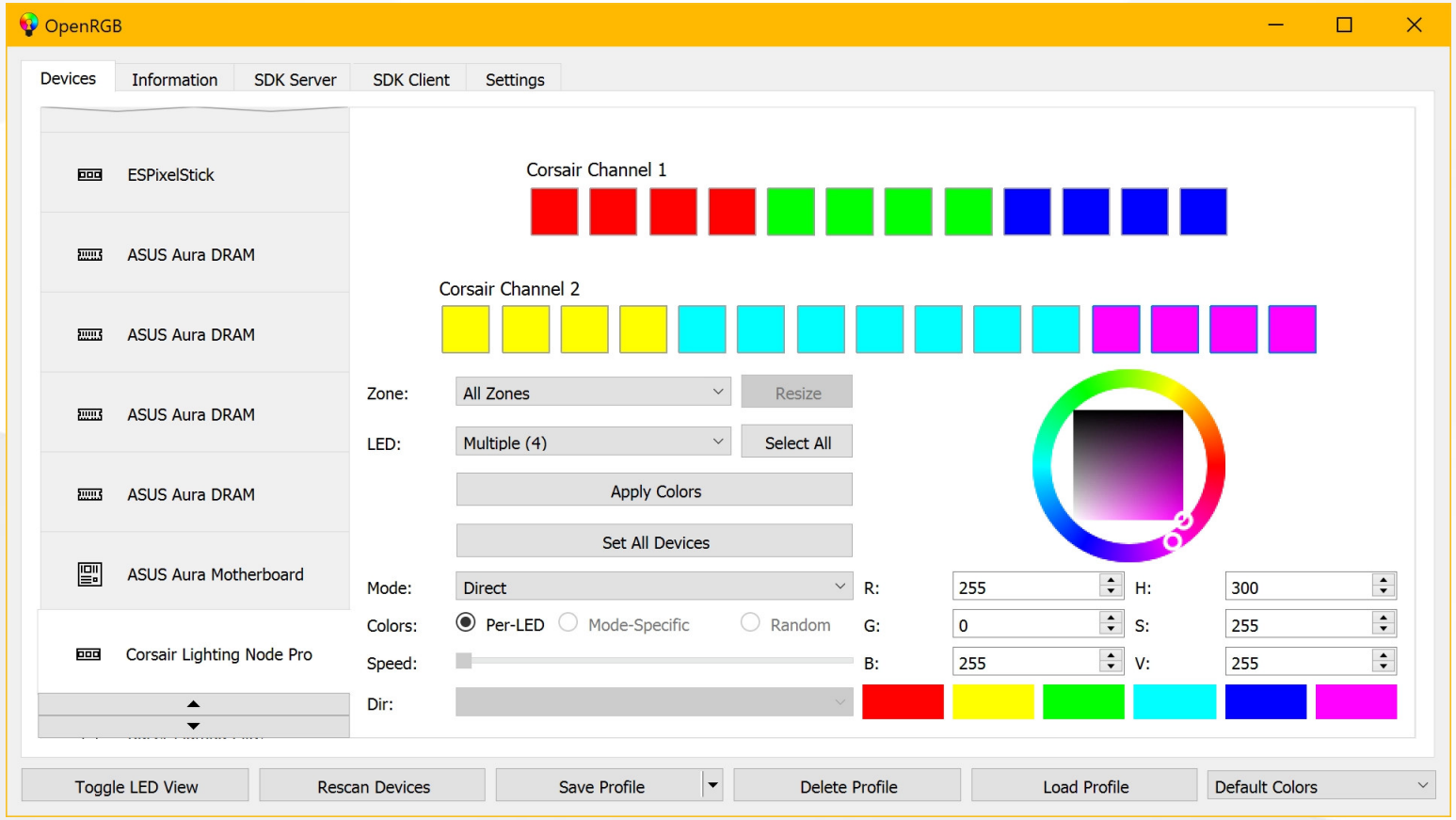
Software

- Gigabyte RGB Fusion

- Corsair iCUE



- [OpenRGB]


OpenRGB
Devices
Information
SDK Server
SDK Client
Settings
ESPixelStick
ASUS Aura DRAM
ASUS Aura DRAM
ASUS Aura DRAM
ASUS Aura DRAM
ASUS Aura Motherboard
Corsair Lighting Node Pro
Corsair Channel 1
Corsair Channel 2
Zone:
All Zones
Resize
LED:
Multiple (4)
Select All
Apply Colors
Set All Devices
Mode:
Direct
Colors:
Per-LED
Mode-Specific
Random
Speed:
Dir:
R:
255
G:
0
B:
255
H:
300
S:
255
V:
255
Toggle LED View
Rescan Devices
Save Profile
Delete Profile
Load Profile
Default Colors