WIRING RGBA or RGBW LED STRIPS

RGBW: On the RGBW led strip, in addition to RGB, you get one extra diode which is WARM WHITE. That warm white diode has a Kelvin temperature of 2400 which means it has a yellowish look giving it a warmer, softer, candle like look. That fourth diode on the RGBW led strip can be wired directly to our GEN2 LED controller which supports RGBx LEDs. You can also wire that fourth white diode directly to 12vdc if you prefer and switch or dim it some other way. Note that if you wire the R+G+B diodes together to 12vdc+, this LED strip will produce a COOL WHITE color with a Kelvin temperature of 6000. It has a bluish tint to it.   Our website offers significantly more detail about CCT AND KELVIN temperatures at this link: https://www.boogeylights.com/understanding-led-color-temperature/

RGBA: On the RGBA led strip, in addition to RGB, you get one extra diode which is AMBER. Designed primarily for motor vehicle applications, that fourth AMBER diode can be wired directly to our GEN2 LED controller which supports RGBx LEDs. You can also wire it to a separate switch allows you to quickly and easily turn on just the AMBER leds which meets DOT compliance regulations. Then, for those who want the flexibility to also be able to display up to 16 million other color combinations using our RGB LED Controller, they can do that too. RGB + A provides the best of both worlds.

RGBA/RGBW HEAVY DUTY LED STRIP WIRING

Our Heavy Duty RGBA and RGBW LED strips will have the following color coded power lead wires:

- Black Wire = Common Ground (12vdc -)
- Red Wire = Red Diode (12vdc +)
- Green Wire = Green Diode (12vdc +)
- Blue Wire = Blue Diode (12vdc +)
- Yellow Wire = Amber OR White Diode depending on the strip type you have (12vdc +)

RGBA/RGBW LOW PROFILE LED STRIP WIRING

Our Low Profile RGBA and RGBW LED strips will have the following color coded power lead wires:

- Black Wire = Common Ground (12vdc -)
- Red Wire = Red Diode (12vdc +)
- Green Wire = Green Diode (12vdc +)
- Blue Wire = Blue Diode (12vdc +)
- White Wire = Amber or White Diode depending on the strip type you have (12vdc +)