



RGBW Neon-like LED Flex Strip – Cool White 5500K – 1 meter

PRODUCT ID: 4549

Here at Adafruit we love discovering new and exotic glowing things. Like moths to the flame, we were intrigued by these fresh Flexible Silicone Neon-Like LED Strips! They *look* a lot like neon, but without the need for expensive transformers, glass tubing or inert gasses.

Flexible and bendy, this particular strip features an RGBW (Red, Green, Blue, White) non-addressable LED strip with a solid chunk of translucent silicone rubber as a diffuser. They look incredible, and super easy to use and are a great way to make your projects light up!

The silicone makes for a strong, durable weather-proof casing. They're not guaranteed for dunking underwater or long-term outdoor exposure but they seem durable enough for projects that have to survive the outdoors, like costumes, bike lighting, or festival decorations.

You'll get 1-meter long strip with 5 wires: black for +12V and then red, green, blue, and yellow/white that you can connect to ground to turn on the corresponding color. Provide 9V (bright) to 12V (very bright!) and the tubing starts to glow.

Note these are not 'NeoPixel' LED strips, you can turn each channel of red, green, or blue on or off, to set the full strip to any color, but you cannot turn on individual LEDs. [This guide on analog RGB LED strip control will show you how it works](#) - you'll want a microcontroller with 4 PWM outputs, and 4 N-MOSFETs or a ULN2803 to control the power to each R/G/B element.

