Analog RGBW LED Strip - RGB plus Warm White - 60 LED/m - ~3000K

PRODUCT ID: 2439

Select Length
Learn about the benefits of ordering full reels

1 meter
2 meters
3 meters
4 meters (full reel)

IN STOCK
1-9
10-99
100+

ADD TO CART

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DESCRIPTION

TECHNICAL DETAILS
A dream come true...an analog LED strip with both RGB and Warm White LEDs...It's so........bbbeeeaaaauuuutttiiiifuuulllll!!!

These LED strips are fun and glowy. There are 60 RGB and Warm White LEDs per meter - you can control the entire strip at once with any microcontroller and three transistors. The way they are wired, you will need a 9-12VDC power supply and then ground the R/G/B/W pins to turn on the colors. Use any NPN or N-channel MOSFET (although the big powerful kind is good for a large strip) and PWM the inputs for color-mixing.

This is the 60 LED-per-meter RGB + Warm White version. We also have this in RGB + Cool White. We splurged and got the weatherproof kind with a white flexi PCB. Great for decorating your bike or art project, costuming or funky fashion.

For powering, a good 12V supply is key. The one we carry will do well for fixed installations. For portable use, we suggest a 8xAA battery holder

Please Note: these strips are weatherproof so they'll be more rugged than uncovered strips, but they not tested for long term submersion in water, especially chlorinated water, or exposed to UV (eg sunlight) for extended periods of time. They are for indoor use or light outdoor use without direct sun/water. That means you cannot put them into a pool, lake, aquarium, etc. The silk-screening and LED brightness of the strips may vary slightly from reel to reel.

You can cut this stuff pretty easily with wire cutters, there are cut-lines every 5cm (3 LEDs each), and trim off the weatherproof cover. Solder to the 0.1" copper pads and you’re good to go.

They come in 4 meter reels, and are sold by the meter! If you buy 4m at a time, you’ll get full reels. If you buy less than 4m, you’ll get a single strip, but it will be a cut piece from a reel which may or may not have a connector on it. If the piece comes from the end of the reel, the connector may be on the output end of the strip!

We have a full tutorial with details, diagrams, schematics and Arduino & CircuitPython code for using your RGBW LED strip, please check it out! (Just add another transistor for the White channel)
- Width of Strip: 14mm / 0.55"
- Thickness of Strip: 4mm / 0.2"
- 60 LEDs per meter
- Pixel Pitch: 16mm / 0.6"
- Single LED: 5mm x 5mm / 0.2" x 0.2"

**LEARN**

**RGB LED Strips**
Glowy goodness!

**MAY WE ALSO SUGGEST...**

![12V 5A switching power](image1)
![RGB LED weatherproof](image2)
![Analog RGBW LED Strip](image3)
![RGB LED Weatherproof](image4)
![Cool White LED](image5)
![Warm white LED](image6)
![N-channel power MOSFET](image7)
![Adafruit NeoPixel Digital](image8)
![Adafruit NeoPixel Digital](image9)
![Adafruit NeoPixel Digital](image10)
![Adafruit NeoPixel LED Side](image11)
![Adafruit NeoPixel Digital](image12)
![Adafruit NeoPixel Digital](image13)

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"If you want to find the secrets of the universe, think in terms of energy, frequency and vibration" - Nikola Tesla