



## Ultra-Flexible White LED Strip – 480 LEDs per meter – 5m long – Cool White ~6500K

Product ID: 4839



Here at Adafruit we love discovering new and exotic glowing things. Like moths to the flame, we were intrigued by these 'chip on board' ultra-flexible white LED Strips with 480 SMT LEDs per meter, soldered side-by-side, and diffused with a silicone epoxy! They *look* a lot like neon or incandescent tubing or maybe really-nice EL wire, but without the need for expensive transformers, glass tubing, or inert gasses.

Unlike pixel-dot strips, these lights have a continuous, pure light source, and unlike our 'Neon' tubing, they're much thinner and more flexible. (but don't have a chunky diffused look)

They are extremely flexible and bendy, this particular strip features a Cool White non-addressable LED strip with a solid chunk of translucent silicone rubber as a diffuser on top of the LEDs and then encased in a sealed silicone tube that can be cut away. 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're durable enough for projects that have to survive the outdoors, like costumes, bike lighting, or festival decorations. Plus, with the adhesive backing, you can stick it where you please.

You'll get a 5-meter long strip with 2 wires: black and red. Provide 9V (bright) to 12V (very bright!) and the strip starts to glow. The whole strip draws about 1.8 Amps maximum. We also have these in 1 meter long strips if you don't need as much light. You can cut this strip down if you need to.

Note these are not 'NeoPixel' LED strips; you cannot turn on or off individual LEDs