

## Diffused Red and Green Indicator LED – 18mm Round

PRODUCT ID: 4042

### DESCRIPTION

This LED is super *chonky!* Bigger than your average LED, it has a big, bold, and beautiful diffused body that measures approximately 18mm diameter. Inside is nestled a bi-color red and green LED, just like you're familiar with. Each with about 2.3V forward voltage. Add a resistor in series and connect to a battery or microcontroller pin for a gorgeous glow. The center pin is the common cathode, so connect that to ground, then use the two outer pins to control the red and green elements inside.

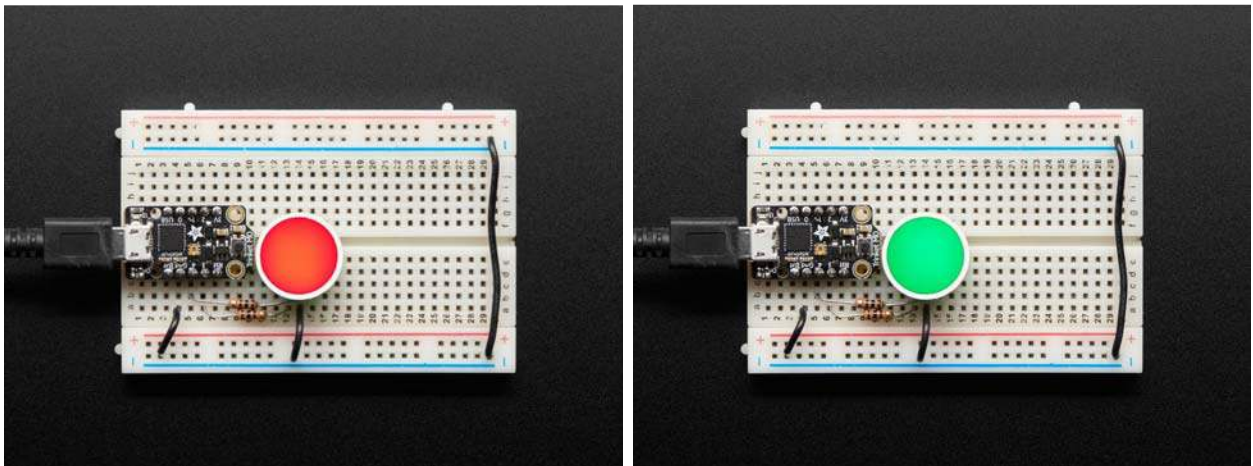
Could be a great addition to a control panel, cosplay, or art project. They go easily into a breadboard and will add that extra cool zing to your project.

If you need some help using LEDs, please read our "Introduction to using LEDs" tutorial for any electronics project.

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## TECHNICAL DETAILS

- DC Forward Rated Current: 25mA per LED
- DC Forward Voltage: 2.1V for red, 2.4V for green (approximate)
- Operating / Storage Temperature:  $-40^{\circ}\text{C}$  To  $+85^{\circ}\text{C}$
- Dimensions (DxH) (excluding pins): 17.8 diameter x 10.8mm



<https://www.adafruit.com/product/4042/2-8-19>