

PRODUCT DATASHEET



WS2812B Addressable RGB LED Strip 5V

555011

Individually addressable RGB LED strip with 16.7 million colors, compatible with microcontrollers for creative lighting solutions.

Full product documentation, files and tutorials: solde.red/555011

CORE ATTRIBUTES

SKU 555011

WEIGHT 150 g

DIMENSIONS 190.0 × 190.0 × 25.0 mm

BARCODE 100340

DESCRIPTION

Individually **addressable** RGB LED strip where every LED has a built-in WS2812 IC giving you independent control of each diode across 16,777,216 colors over a single data wire. Available in **30 LED/m** and **60 LED/m** density.

Runs on 5V, making it compatible with **NULA**, Arduino, Raspberry Pi, and any microcontroller with a digital output. IP20 rated for indoor use. Chainable for larger installations.

TECHNICAL DETAILS

- **Color:** RGB (red/green/blue)
- **Voltage:** 5V
- **Power:** 8W/m
- **Current:** 1.6A/m
- **Number of diodes:** 30 diodes per meter | 60 diodes per meter
- **Diode type:** WS2812 SMD LED (5050 LED diodes with built-in IC)
- **Protection:** IP20
- **Dimensions:** 10 mm / 0.4" wide; 2 mm / 0.1" thick
- Quantity 1 indicates 1 meter of strip

LINKS

Arduino Library <https://github.com/SolderedElectronics/Soldered-WS2812-Smart-Leds-Arduino-Library>

mim_package <https://checkmim.com/packages/solderedelectronics+Soldered-WS2812-MicroPython-Library>

MicroPython Module

<https://github.com/SolderedElectronics/Soldered-WS2812-MicroPython-Library>

GALLERY

