

INDUSTRIAL PRODUCT DATASHEET

Grove - WS2813 RGB LED Strip Waterproof - 30 LED/m - 1m

Waterproof RGB LED strip with individual control, reverse-connection protection, and Grove compatibility for vibrant lighting applications.

SKU

104020108

UPDATED

2026-05-12 07:55:19

PRICE

\$6.50(Excl. VAT)



Overview

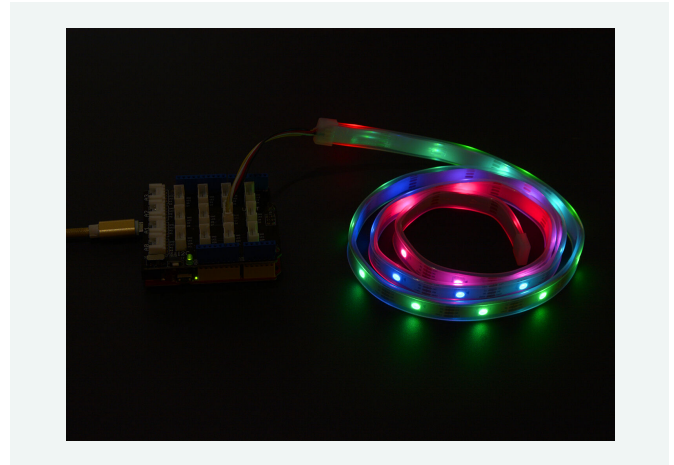


This 1-meter waterproof LED strip features 30 WS2813B LEDs with 5050 components, individually controllable for 16.7 million colors and 256 brightness levels. It ensures reliable operation with reverse-connection protection and offers simple Grove-compatible connection for light shows, Christmas decoration, illumination, and gaming rooms.

Key Features

- **Multi-Components combination:** WS2813B LED with 5050 components to display different lighting effects
- **Colorful lighting effects:** Full color RGB, 16777216 colors, 256 levels of brightness, 30 LED beads operate independently
- **Intelligent Reverse - connection protection:** Resume from the broken point, even if there were broken LEDs, the rest LEDs can work well.
- **Durable and Waterproof:** we add a transparent waterproof slot for those LED Strips
- **Grove Compatible:** you can just plug your LED Strip into Seeedunio or Arduino+BaseShield via Grove Cable, with no soldering, and no complicated wiring.

Product Gallery



Specification

Dimensions	1000mm x12mm x4mm
Weight	G.W 41g
Battery	Exclude
Operating Voltage	DC 5V
Operating Current	1.8A per meter / 0.06A per LED
Operating Temperature	-40°C ~ 70°C
Storage Temperature	-50°C ~ 80°C
Max. Power	9W per meter / 0.3W per LED
Scanning Frequency	2KHz/s
Max. Data Transfer Rate	800Kbps/s
Reset Time	>280us (typical = 300us)
LED Working Life-Span	50000 Hours

Applications

- **Light Show**
- **Christmas decoration**
- **Illumination**
- **Gaming room**

Part List

Grove - WS2813 RGB LED Strip Waterproof - 30 LED/m - 1m	1
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Compliance & Logistics



HSCODE	9405409000
USHSCODE	8541410000
UPC	841454122388
EUHSCODE	9405413910
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Grove-WS2813-RGB-LED-Strip-Waterproof-30-LED-m-1m.html>

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