



SPI COB RGB LED Strip Light, WS2811 DC24V, 12mm PCB, IP65, 5M 18W/M

- WS2811 IC enables SPI-addressable pixel control for running water effects
- 12mm COB PCB construction for a smooth, dot-free light emission surface
- DC24V operating voltage suited to longer continuous runs
- 18W per meter power draw across the 5-meter reel
- IP65 rating protects against dust and low-pressure water jets
- 3-year manufacturer warranty

OVERVIEW

The M-CS-SPI-720-RGB-24V is a 5-meter SPI-addressable COB RGB LED strip light built for dynamic lighting applications requiring pixel-level control. Constructed on a 12mm PCB with WS2811 IC integration, it supports running water effects and other sequential animations via SPI signal protocol, suited to architectural accent lighting, signage backlighting, and decorative commercial installations.

The strip operates at DC24V and delivers 18W per meter across the full 5-meter reel length. The IP65 waterproof rating provides protection against dust ingress and low-pressure water jets, allowing use in covered outdoor or damp indoor environments.

This product is backed by a 3-year manufacturer warranty.

SPECIFICATIONS

OPTICAL

Color Temperature *	RGB
LED Chip Type	COB WS2811

ELECTRICAL

Operating Voltage	24 V
Wattage	18 W

MECHANICAL

Length	5 m 16.4 ft
Strip Width	12 mm 0.47 in

ENVIRONMENTAL

IP Rating	IP65
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ORDERING

Warranty	3 y
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APPLICATIONS

- Architectural accent lighting
- Signage backlighting
- Decorative commercial installations
- Covered outdoor lighting
- Damp indoor environments

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slug	value	source	confidence
cct_k	RGB	pdf	low
led_chip_type	COB WS2811	pdf	high
operating_voltage	24 V	pdf	high
wattage	18 W	pdf	high
length	5 m	pdf	high
strip_width	12 mm	pdf	high
ip_rating	IP65	pdf	high
warranty_years	3 y	pdf	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.

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