



RGBW COB LED Strip Light, 3000K CRI90,
840 LEDs/m, 14W/m, DC24V, IP20

- COB chip-on-board construction with 840 LEDs per meter
- Fixed 3000K color temperature with CRI90 color rendering
- Operates at DC24V, drawing 14W per meter
- 12mm PCB width for close-mount, low-profile installs
- IP20 rated for dry, indoor environments only
- Supplied in 5-meter roll lengths

OVERVIEW

The M-C-840-RGB3K-24-UL is an RGBW COB LED strip light designed for commercial and residential accent, cove, and architectural lighting applications where color-tunable output and high LED density are required. The continuous COB (chip-on-board) format eliminates visible hotspots, making it suitable for close-viewing installations on a 12mm PCB.

The strip operates at DC24V and delivers 14W per meter at a fixed 3000K warm white correlated color temperature with a CRI of 90, providing accurate color rendering alongside full RGB color mixing capability. LED density is 840 LEDs per meter. The IP20 rating limits use to dry, indoor environments. Each roll is 5 meters in length.

SPECIFICATIONS

OPTICAL

Color Temperature	3,000 K
CRI	90
LED Chip Type	COB
LED Density	840 LEDs/m

ELECTRICAL

Operating Voltage	24 V
Wattage	14 W

MECHANICAL

Length	5 m 16.4 ft
Strip Width	12 mm 0.47 in

ENVIRONMENTAL

IP Rating	IP20
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APPLICATIONS

- Cove lighting
- Architectural accent lighting
- Under-cabinet lighting
- Display case lighting
- Residential ambient lighting

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slug	value	source	confidence
cct_k	3,000 K	pdf	high
cri	90	pdf	high
led_chip_type	COB	pdf	high
led_density	840 LEDs/m	pdf	high
operating_voltage	24 V	pdf	high
wattage	14 W	pdf	high
length	5 m	pdf	high
strip_width	12 mm	pdf	high
ip_rating	IP20	pdf	high

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