



RGBW COB Strip Light, 6500K, CRI 90,
14W/m, 840 LEDs/m, DC 24V

- COB chip type with 840 LEDs per meter for continuous light output
- 14W per meter power draw at DC 24V operating voltage
- 6500K color temperature with CRI 90 for color accuracy
- IP20 rating suited to dry interior environments
- 12mm PCB width supplied in 5m roll lengths
- RGBW configuration enables independent color and white channel control

OVERVIEW

The M-C-840-RGB65K-24-UL is an RGBW COB strip light designed for commercial and architectural lighting applications requiring full-color mixing with a high-density, continuous light output. The 12mm PCB format and 5m roll packaging make it suitable for cove lighting, accent installations, and color-tunable ambient systems.

The strip operates at DC 24V and delivers 14W per meter across 840 LEDs per meter, producing a 6500K correlated color temperature with a CRI of 90. The IP20 rating limits installation to dry, interior environments. The RGBW configuration allows independent control of red, green, blue, and white channels for precise color and intensity adjustment.

SPECIFICATIONS

OPTICAL		ELECTRICAL	
Color Temperature	6,500 K	Operating Voltage	24 V
CRI	90	Wattage	14 W
LED Chip Type	COB		
LED Density	840 LEDs/m		
MECHANICAL		ENVIRONMENTAL	
Length	5 m 16.4 ft	IP Rating	IP20
Strip Width	12 mm 0.47 in		

APPLICATIONS

- Cove lighting
- Architectural accent lighting
- Color-tunable ambient lighting systems
- Interior commercial installations
- Decorative linear lighting

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slug	value	source	confidence
cct_k	6,500 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

Specifications subject to change without notice.