



RGB COB LED Strip Light, 24V DC, 768 LEDs/m, 12W/m, IP20, UL Listed

- 768 LEDs per meter on a 10mm-wide COB strip
- CRI over 90 for accurate color rendering
- 180° beam angle for uniform light distribution
- Operates on 24V DC at 12W per meter
- IP20 rated for dry indoor environments
- 50,000 hour rated LED lifetime

OVERVIEW

The M-C-768-RGB-24V-UL is a COB series RGB LED strip light designed for indoor accent, display, and architectural lighting applications. With 768 LEDs per meter across a 10mm-wide strip, it delivers uniform, continuous-run illumination with a 180-degree beam angle and a CRI over 90 for accurate color rendering.

The strip operates on 24V DC and consumes 12W per meter, with an ambient operating range of -20 to 45 degrees C and a rated LED lifetime of 50,000 hours. It carries an IP20 rating, making it suitable for dry indoor environments. Each roll measures 5 meters in length with a minimum cut length of 1.25mm.

This product is UL Listed and backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

CRI	90
Beam Angle	180°
LED Density	768 LEDs/m
LED Lifetime	50,000 h
Light Color	RGB

MECHANICAL

Length	5 m 16.4 ft
Strip Width	10 mm 0.39 in
Minimum Cut Length	1.25 mm 0.05 in
Finish	White

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	24 V
Wattage	12 W

ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-20-45 °C -4-113 °F



UL Listed

APPLICATIONS

- Cove and accent lighting
- Retail display cases
- Architectural feature lighting
- Indoor signage backlighting
- Hospitality ambient lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
cri	90	db	high
beam_angle_deg	180°	db	high
led_density	768 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	RGB	db	high
operating_voltage	24 V	db	high
wattage	12 W	db	high
length	5 m	db	high
strip_width	10 mm	pdf	high
min_cut_length	1.25 mm	db	high
finish	White	db	high
ip_rating	IP20	db	high
ambient_temp_c	-20–45 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.