

COB LED Strip Light, RGBCCT, 840 LEDs/m, 16W/m, IP65, 24V, 10m Roll

OVERVIEW

The M-CST-840-RGBCCT-24V-UL-10M is a COB LED strip light offering combined RGB color-changing and CCT-adjustable white light output on a single 12mm white FPC. Designed for commercial and residential accent and decorative lighting, it is compatible with standard RGBCCT controllers available in the market.

The strip runs at 24V DC and delivers 16W/m at full output across all channels, with a cutting interval of 41.6mm for precise installation. IP65 waterproofing is achieved via silicone tube injection. The strip carries a CRI greater than 90 and a rated lifespan of 50,000 hours. Working temperature range is -20°C to 40°C. For runs exceeding 5 meters, parallel connection is recommended to maintain brightness consistency. This 10m roll uses a double-layer 2oz FPC construction to balance voltage drop, heat dissipation, and flexibility.

The product carries a 3-year warranty. UL listing is indicated on the product label; buyers should verify the specific UL file number against project requirements prior to specification.

SPECIFICATIONS

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|----------------------|-------------|-----------------------|----------------------|
| Input voltage | 24 V | Power | 16 W/m |
| IP rating | IP65 | Rated life | 50000 h |
| CRI | 90 | Warranty | 3 years |
| CCT | 2700–6500 K | Operating temp | -20 to 40 °C |
| Luminous flux | 495 lm/m | Dimensions | W 12 mm L 10000 mm |

DIMENSIONS

