

RGBCCT COB LED Strip Light, 16W/m, 840 LEDs/m, IP65, 24V, CRI 90+

OVERVIEW

The M-CST-840-RGBCCT-24V-UL-5M is a COB LED strip light offering combined RGB color-changing and CCT white light adjustment on a single 12mm white PCB. Designed for residential and decorative lighting applications, it delivers a dot-free, even light output without requiring a diffusion profile, and is compatible with standard RGBCCT controllers.

The strip operates at 24V DC and draws 16W per meter at full output, with a chip density of 840 LEDs per meter. CRI exceeds 90, and the IP65 rating is achieved via silicone tube injection. CCT range spans 2700K to 6500K for white light modes. Cutting pitch is every 41.6mm. Recommended run length is 5 meters per feed point; runs exceeding 5 meters should be connected in parallel. Rated lifespan is 50,000 hours. Working temperature range is -20°C to 40°C.

Warranty is 3 years. The SKU designation references UL; however, no certification has been independently confirmed in the available source documentation and should be verified against the current listing before specification.

SPECIFICATIONS

Input voltage	24 V	Luminous flux	495 lm/m
Power	16 W/m	Rated life	50000 h
CCT	2700–6500 K	Warranty	3 years
CRI	90	Operating temp	-20 to 40 °C
IP rating	IP65	Dimensions	W 12 mm L 5000 mm

DIMENSIONS

