

COB LED Strip Light, 1600 Chips/m, 40W/m, 24V DC, 3000K, IP20, 5m Roll

OVERVIEW

The M-C-1600-24V-3K-UL is a COB LED strip light designed for continuous linear lighting applications where a dotless, uniform light output is required. With 1600 chips per meter arranged in a five-row configuration on a 30mm PCB, it eliminates visible hot spots and multi-shadow effects, making it suitable for cove lighting, display illumination, and architectural accent installations.

The strip operates at 24V DC, drawing 1.66A per meter at a rated 40W/m, with a color temperature of 3000K and a CRI greater than 90. Efficacy is rated at 90–100 lm/W. The 180° beam angle and IP20 rating make this product appropriate for dry indoor environments. Minimum cuttable length is 25mm, and each roll measures 5000mm in length. Operating temperature range is -20°C to +45°C.

The strip carries RoHS compliance. A 3-year limited warranty is included. Note: UL listing reference E346797 appears in the datasheet; buyers should verify current listing status directly with the manufacturer prior to specification.

SPECIFICATIONS

Power	40 W/m	Input voltage	24 V DC
CCT	3000 K	Beam angle	180 °
CRI	90	Operating temp	-20 to +45 °C
IP rating	IP20		

DIMENSIONS

Emitting Angle	180 °	Operating t
Luminous flux	90-100lm/w	Operating t
		Waterproof

CERTIFICATIONS & COMPLIANCE

