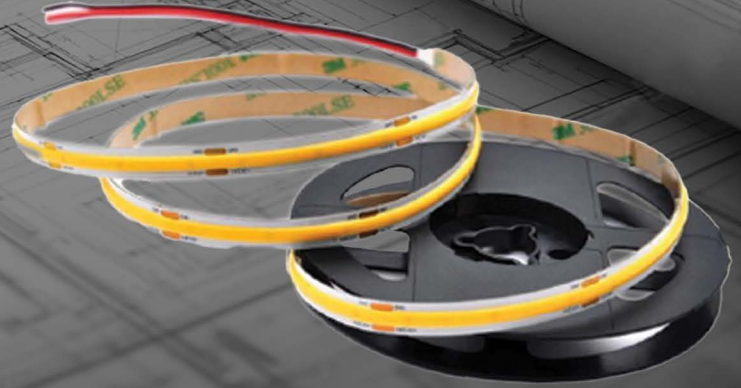




Certified LED Lights®

Product Data Sheet
COB Tape Light



Product Overview

IP20 COB LED tape light delivers high-uniformity linear illumination, offered in 3,000K, 4,000K, and 5,000K correlated color temperatures to support a broad range of architectural and commercial lighting requirements.

Utilizing advanced COB packaging technology, multiple micro-LED chips are mounted directly to the substrate and encapsulated in a continuous phosphor layer, producing a seamless, dot-free light output with wide beam distribution and superior visual comfort compared to traditional SMD strip lighting.

Designed for consistent lumen maintenance and high color rendering performance, the tape light ensures accurate color fidelity and stable chromaticity across the length of the run. The flexible, low-profile PCB allows for tight bend radiuses and clean integration into aluminum channels, coves, under-cabinet systems, shelving, and millwork details. Engineered for efficient thermal dissipation and low voltage operation, it supports reliable long-term performance with reduced power consumption and minimal lumen depreciation.

Backed by a 3-year limited warranty, this COB LED tape light provides dependable, high-density linear lighting for demanding residential and commercial applications

- * Available in 3,000K, 4,000K and 5,000K
- * Input voltage: DC 24V
- * Power Consumption: 50W per roll -10W/meter (3.3Ft)
- * Illumination Angle 180°
- * IP20
- * LED count: 320 per meter
- * Suggested driver: Meanwell LPV-100-24
- * Lumens : 86 lm/W - 4,300 LU per roll
- * Rolls are 5m / 16.4ft. PCB is 8mm width
- * Minimum cut length: 50mm (1.97")
- * Best Color Consistency (SDCM<3)
- * Color temperature with 80 >CRI
- * Double circuit board for better electric stability
- * Soldering free connector for convenient installation channel controller

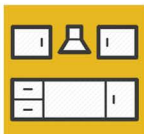
Product Warranty



Applications



Coves



Kitchen



Decorative



Homes

Highlights and Certifications



UL Listed



IP20



ROHS
Compliant



Cuttable

Key Specifications

- * UL Listed
- * 3-year warranty
- * Lead free technology (ROHS)

Ordering Guide

PART #	Voltage	Lumens per Watt	Power	Lumens per Roll	Color Temp
NS-IP20-COB320-24V-5M-3K	24	86	10W per meter / 3.3 Ft	4,300	3,000K
NS-IP20-COB320-24V-5M-4K	24	86	10W per meter / 3.3 Ft	4,300	4,000K
NS-IP20-COB320-24V-5M-5K	24	86	10W per meter / 3.3 Ft	4,300	5,000K

Connectors - Purchase separately

- * IP20-COB320-8MM-TSHAPE
- * IP20-COB320-8MM-QUICKSPRING
- * IP20-COB320-8MM-3METER-JUMPER
- * IP20-COB320-8MM-3METER-PIGTAIL
- * IP20-COB320-8MM-CONNECTOR-STRAIGHT
- * IP20-COB320-8MM-JUMPER
- * IP20-COB320-8MM-PIGTAIL
- * IP20-COB320-8MM-LSHAPE

Wiring

