

Digital RGBW COB LED Strip 3000K 24V DC 20W/m 784 LEDs/m SPI IP20

OVERVIEW

The M-C-SPI-784-RGB3K-24-UL is a digital RGBW COB LED strip designed for continuous, dotless linear lighting applications. Operating at DC 24V with SPI control via WS2814 ICs (14 ICs per meter), it supports dynamic color mixing and tunable white output at 3000K, making it suitable for architectural cove lighting, display illumination, and other installations requiring addressable, high-density LED sources.

The strip delivers 20W per meter across a 10mm PCB with 784 COB chips per meter, producing a 180-degree beam angle and 540 lm/m at RGB output. Minimum cuttable length is 71.42mm. Rated IP20 for dry indoor environments, the strip operates between -20°C and +45°C at 40–70% RH. Rolls are supplied in 5-meter lengths.

No certifications are confirmed in the available source data for this product. Consult your Poli LED & Signs representative for compliance documentation before specifying for regulated installations.

SPECIFICATIONS

Power	20 W/m	IP rating	IP20/IP65
Luminous flux	540 lm/m	Input voltage	24 V DC
CCT	RGBW (3000K/4000K/6500K) K	Dimensions	5000 x 10mm per roll, 71.42mm min cut length
Beam angle	180 °	Operating temp	-20 to +45°C

DIMENSIONS

Emitting Angle	180 °	IC Type	WS2814,14pcs/m	Operating temp
Luminous flux	30lm/w;540lm/m@RGB			Operating hum
				Waterproof gra