

Digital RGBW COB LED Strip 24V DC 20W/m 784 LEDs/m SPI WS2814 IP20

OVERVIEW

The M-C-SPI-784-RGB65k-24-UL is a digital RGBW COB LED strip designed for continuous, dotless linear lighting applications where color mixing and dynamic control are required. Running on DC 24V and driven by WS2814 SPI ICs at 14 ICs per meter, it is well suited for architectural cove lighting, display case illumination, and other installations requiring addressable RGBW output on a 10mm PCB platform.

The strip delivers 20W per meter across 784 COB chips per meter with a 180-degree beam angle, producing 540 lm/m at RGB output (30 lm/W). Minimum cuttable length is 71.42mm. The strip operates between -20°C and +45°C at 40–70% RH and carries an IP20 rating in its base configuration. Rolls are supplied in 5-meter lengths. RGBW color options include 3000K, 4000K, and 6500K white channels.

No certifications have been confirmed in the available source documentation for this product. Consult your Poli LED & Signs representative for compliance documentation prior to specification.

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 10 mm per roll, 10 mm PCB width mm
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