

RGB COB LED Strip Light, SPI WS2811, DC24V, 720 LEDs/m, 18W/m, IP20

OVERVIEW

The M-C-SPI-720-RGB-24V-UL is a 5-meter SPI-addressable RGB COB LED strip designed for dynamic lighting installations requiring smooth, dotless color output. Driven by WS2811 ICs at a density of 20 ICs per meter controlling 720 chips per meter, it is well-suited for architectural accent lighting, display backlighting, and decorative applications where pixel-level control and shadow-free illumination are required.

The strip operates at DC 24V and consumes 18W per meter, with a 180-degree beam angle and a minimum cuttable length of 50mm. The 12mm PCB accommodates strong bending resistance and improved thermal management. Rated IP20, it is intended for dry indoor environments. Operating temperature range is -20°C to +45°C at 40–70% RH.

The strip carries CE and RoHS markings as noted in the product listing and is backed by a 3-year warranty. Contractors should verify UL listing documentation directly with Poli LED & Signs prior to specification, as UL file confirmation was not present in the reviewed datasheet.

SPECIFICATIONS

Power	18 W/m	Input voltage	24 V DC
Beam angle	180 °	Operating temp	-20 to +45 °C
IP rating	IP20	Dimensions	5000 x 12 mm (per roll)

DIMENSIONS

Emitting Angle	180 °	IC Type	WS2811,20pcs/m	Operating temp
				Operating hum
				Waterproof gra