ULTRASLIM PWM NEON

ULTRASLIM™ RGB PWM NEON

The narrowest neon in the KG3 lineup — 6mm of seamless, hotspot-free RGB.

Remarkably narrow **6mm x 12mm** analog RGB neon with 144 LEDs per meter for a continuous, dot-free line of color. UV-resistant silicone housing bends laterally down to a **25mm radius**, tucking into reveals and profiles no other neon fits.

- PWM analog RGB — non-addressable, 6-pin XLR convention
- 6mm x 12mm UV-resistant silicone profile
- 144 LEDs/m (SMD 3838) — hotspot-free diffusion
- Cut every 50mm (1.97 in)
- IP65 with factory-sealed ends
- UL Listed, RoHS — 3-year limited warranty

6mm	144/m	14W/m	24VDC	120°
PROFILE WIDTH	LEDS PER METER	POWER (MAX)	INPUT VOLTAGE	BEAM ANGLE

RGB VS PIXEL

This is a **non-addressable** RGB neon — three channels (R, G, B) drive the entire run as one zone. Every meter shows the same color simultaneously. Pair with a 4-channel constant-voltage controller (DMX-to-PWM, ESP-based, or KG3 controllers). For pixel-by-pixel control, see the KG3 LumiRope and LumiLine pixel lines.

AVAILABLE LENGTHS FOR RENTAL

1m	5m	Custom
3.3 ft	16.4 ft reel	50mm increments

Custom lengths and quantities available upon request.

PHYSICAL SPECIFICATIONS

Profile (W x H)	6 x 12 mm
Housing	UV-Resistant Silicone
Min Bend Radius	25 mm (lateral)
Cut Increment	50 mm
LED Spacing	6.9 mm
IP Rating	IP65
Max Run (single feed)	5 m

ELECTRICAL SPECIFICATIONS

Control	PWM Analog RGB
LED Type	SMD 3838, 144/m
Input Voltage	24 VDC
Power	14 W/m (70 W / 5m)
Max Current (5m)	2917 mA
Brightness (R/G/B)	32/103/25 lm/m
Certifications	UL Listed, RoHS

CONTROLLER COMPATIBILITY