

KG3

Nashville, TN

kg3.io

Product Specification Sheet

PWM SILICONE NEON

LUMILINE™ S270 RGB PWM

Continuous-color silicone neon for smooth full-run RGB looks.

Side-emitting silicone neon at the **S270 form factor** with **60 LEDs per meter** driven as a single PWM RGB zone. Whole-run color washes, smooth fades, and clean architectural reads — every meter renders the same color simultaneously. Ideal for hospitality, retail,

- Whole-run PWM RGB — 3 channels
- 60 LEDs/m, 16.7mm LED pitch
- 11.5mm x 29mm S270 silicone profile
- IP68 rated — wet location ready
- 5m and 10m reel options
- 100 mm cut increment

PRODUCT PHOTO

See <https://www.environmentallights.com/20256-lnw-pf-rgb-5m.html> for product imagery.

270°

BEAM ANGLE

60/m

LEDS PER METER

12W/m

POWER (MAX)

100mm

CUT INCREMENT

24VDC

INPUT VOLTAGE

RGB PWM VS PIXEL

This is a **non-addressable** RGB strip — 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 **LumiLine S270 RGB Pixel** variant.

AVAILABLE LENGTHS FOR RENTAL

5m

16.4 ft

10m

32.8 ft

Custom

Per-job

Custom lengths and quantities available upon request.

PHYSICAL SPECIFICATIONS

Profile	11.5mm x 29mm Silicone
Housing	Side-Emit S270 Silicone
Cut Increment	100 mm
Reel Length	5 m / 10 m
Viewable Angle	270°
IP Rating	IP68
Connections	Bare Wire / KG3 Custom

ELECTRICAL SPECIFICATIONS

Driver Type	PWM Constant Voltage
LED Density	60 LEDs/m
LED Pitch	16.7 mm
Input Voltage	24 VDC
Power Draw (Max)	12 W/m
Channels	3 (RGB)
SKU	LNW-PF-RGB-5 / LNW-PF-RGB-10

CONTROLLER COMPATIBILITY

KG3 24V PXL CTRL (RGB Mode)

DMX/Art-Net to PWM bridge for full-show integration of constant-voltage RGB

KG3 MAGIC CONTROLLERS

Wireless and standalone RGB control for venue and event installs