

PIXEL NEON ROPE

LUMIROPE™ 270° PIXEL HD NEON ROPE

Touring-grade pixel neon with seamless 270° diffusion.

High-density WS2811-driven SMD 5050 RGB pixel neon rope. 96 LEDs per meter with 6 LEDs per pixel deliver ultra-smooth diffusion with no visible stepping between individually addressable pixels.

- WS2811 IC, individually addressable pixels
- SMD 5050 RGB, 6 LEDs per pixel
- 22mm round flexible silicone housing
- Compatible with KG3 PXL CTRL system
- Works with Magic Controllers
- Rigging options available



270° BEAM ANGLE	96/m LEDS PER METER	16/m PIXELS PER METER	21 W/m POWER (MAX)	24 VDC INPUT VOLTAGE
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PIXEL VS LED

Each **pixel** is the smallest controllable segment. Each pixel contains **6 LEDs**, delivering dense, even illumination within every addressable zone. At **16 pixels/m** and **96 LEDs/m**, this configuration yields a 62.5mm pixel pitch — smooth gradients, no visible segment boundaries at any run length.

AVAILABLE LENGTHS FOR RENTAL

3m 9.8 ft	5m 16.4 ft	10m 32.8 ft
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Custom lengths and quantities available upon request.

PHYSICAL SPECIFICATIONS

Profile	22mm Round
Housing	270° Diffused Silicone
Max Run Length	10 m
Connections	PXL CTRL System
Viewable Angle	270°
IP Rating	IP65
Rigging	Options Available

ELECTRICAL SPECIFICATIONS

IC / Driver	WS2811
LED Type	SMD 5050 RGB
Input Voltage	24 VDC
Power Draw (Max)	21 W/m
Pixel Pitch	62.5 mm
LED Pitch	10.4 mm
LEDs per Pixel	6

CONTROLLER COMPATIBILITY

KG3 24V PXL CTRL

sACN, Art-Net, or DMX control for full show integration

KG3 MAGIC CONTROLLERS

Remote control and WLED configuration for standalone or wireless operation