

360° PIXEL NEON ROPE – LARGE

LUMIROPE™ 360° PIXEL HD 40MM

Heavy-format 40mm pixel rope for stadium-scale 360° emission.

Large-format WS2811-driven SMD 5050 RGB pixel rope with **full 360° emission** in a 40mm diameter housing. **96 LEDs per meter**, 16 pixels per meter, 6 LEDs per pixel. Built for high-output sculptural and stadium-scale installations where the rope itself is a hero

- WS2811 IC, individually addressable pixels
- Full 360° omnidirectional emission
- 40mm large-format silicone housing
- High-output – 28.8 W/m sustained
- Compatible with KG3 PXL CTRL system
- Sculptural / large-scale rigging ready

PRODUCT PHOTO

See <https://kg3.io/product-detail-lumiropo-360hd.html> for product imagery.

360°

BEAM ANGLE

96/m

LEDS PER METER

16/m

PIXELS PER METER

29W/m

POWER (MAX)

24VDC

INPUT VOLTAGE

WHEN TO SPEC THE 40MM

The 40mm LumiRope is a **visual element in its own right** — thick enough to read from distance, soft enough to bend into sculpture. Use for stadium-scale loops, suspended architectural rings, or any install where the rope is meant to be seen, not hidden.

AVAILABLE LENGTHS FOR RENTAL

3m

9.8 ft

5m

16.4 ft

10m

32.8 ft

Custom lengths and quantities available upon request.

PHYSICAL SPECIFICATIONS

Profile	40mm Round
Housing	360° Diffused Silicone
Max Run Length	10 m
Connections	PXL CTRL System
Viewable Angle	360°
IP Rating	IP68
Cut Increment	62.5 mm

ELECTRICAL SPECIFICATIONS

IC / Driver	WS2811
LED Type	SMD 5050 RGB
Input Voltage	24 VDC
Power Draw (Max)	28.8 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