

KG3

Nashville, TN

kg3.io

Product Specification Sheet

RGBW PIXEL NEON

ELUXTRA™ PROFLEX WIDE TOP RGBW

4-in-1 RGBW pixel silicone neon with a wide-top architectural profile.

Environmental Lights Eluxtra ProFlex Wide Top — **RGBW 4-in-1 pixel-addressable** silicone neon with 56 LEDs per meter across 8 individually addressable pixels per meter. **11.5mm × 29mm wide-top profile** for clean architectural reads and an extra-wide diffused

- RGBW 4-in-1 pixel-addressable
- 8 pixels/m — 7 LEDs per pixel
- Wide-top architectural profile — 11.5mm × 29mm
- IP68 rated — wet location ready
- 60mm minimum bend radius
- Operating temp down to -40°C

PRODUCT PHOTO

See <https://kg3.io/product-detail-eluxtra-s270-dome-top.html> for product imagery.

150°

BEAM ANGLE

56/m

LEDs PER METER

8/m

PIXELS PER METER

15W/m

POWER (MAX)

24VDC

INPUT VOLTAGE

WHY RGBW

An **RGBW pixel** adds a dedicated **white channel** alongside the R, G, and B channels. That means real, color-accurate whites — not RGB blends that drift toward magenta or cyan. For architectural and hospitality work where clean white is part of the palette, RGBW is the right call. 4 channels per pixel.

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 × 29mm Wide Top
Housing	Side-Emit Silicone
Cut Increment	125 mm
Min Bend Radius	60 mm
IP Rating	IP68
Operating Temp	-40°C and up
Connections	Bare Wire

ELECTRICAL SPECIFICATIONS

Driver / Protocol	SPI / Pixel
LED Chip	5050 RGBW
LED Density	56 LEDs/m
Pixels per Meter	8
LEDs per Pixel	7
Input Voltage	24 VDC
Channels per Pixel	4 (RGBW)

CONTROLLER COMPATIBILITY

KG3 24V PXL CTRL (RGBW Mode)

sACN, Art-Net, or DMX pixel control with native RGBW channel mapping

KG3 MAGIC CONTROLLERS

Standalone or wireless WLED-based control for venue and event installs