

**GEN
LED**

AGILIGHT[®]
Innovative Signage Lighting

FLEXRAYZ NEON

24V

Flexible LED Border Tube





Even Illumination From Any Angle

FlexRayz Neon delivers a beautiful, diode-free glow from every vantage point. We offer four vivid static colors, three stunning static white CCTs and brilliant color changing RGBW — all with no visible LED spotting. Custom colors and CCTs available!

FlexRayz Neon

24V 6500K | 5000K | 4000K | Red | Green | Blue | Yellow | RGBW

- > BORDER LIGHTING
- > LETTERING
- > NEON REPLACEMENT
- > ACCENT LIGHTING

UL CE RoHS LM-80 IP67

FlexRayz Neon marries the classic gleam of neon with all the advantages of modern LEDs. We don't use dangerous chemicals or fragile glass — just smooth silicone tubes and sustainable LED components that create clean, luminous lines with long-lasting light output and amazing efficacy.



Field Cuttable

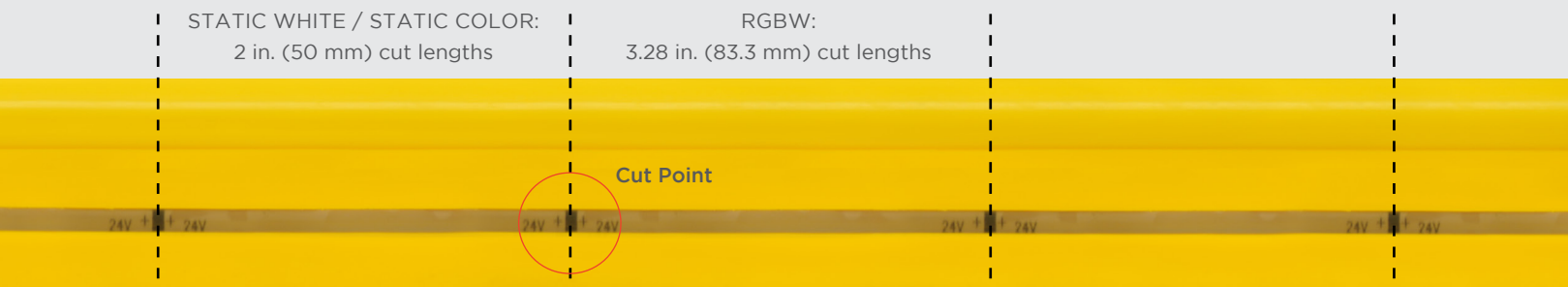
Cut and cap FlexRayz Neon to fit any installation. Trim at clearly marked cut points and easily finish by sealing with silicone end caps.



Silicone End Cap
(Silicone glue available)

STATIC WHITE / STATIC COLOR:
2 in. (50 mm) cut lengths

RGBW:
3.28 in. (83.3 mm) cut lengths

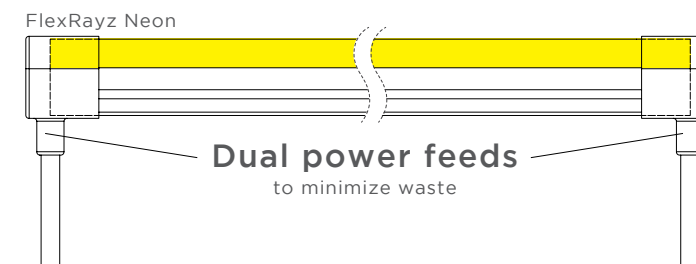


Minimal Waste

FlexRayz Neon is available in 2 ft (0.61 m) and 8 ft (2.44 m) lengths or in full reels. Each option comes with dual power feeds. This variety minimizes waste while allowing seamless applications of longer runs.

AVAILABLE LENGTHS:
2 ft/0.61 m | 8 ft/2.44 m | Full Reels

Static White: 49 ft/15 m
Static Color: 49 ft/15 m
RGBW: 16 ft 4 in./5 m



SPECIFICATIONS

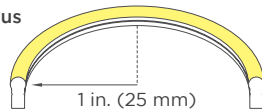
Part Number*	Power Consumption	Cuttible Length	Color Temperature	Lumens / Foot	Lumens / Meter
LB-FRN-65K-xx-A	3 W/ft (9.84 W/m)	2 in. (50 mm)	6500K	170 lm/ft	557.6 lm/m
LB-FRN-50K-xx-A**	3 W/ft (9.84 W/m)	2 in. (50 mm)	5000K	210 lm/ft	688.8 lm/m
LB-FRN-40K-xx-A**	3 W/ft (9.84 W/m)	2 in. (50 mm)	4000K	165 lm/ft	541.2 lm/m
LB-FRN-RED-xx-A	3 W/ft (9.84 W/m)	2 in. (50 mm)	Red (620 nm)	45 lm/ft	147.6 lm/m
LB-FRN-GRN-xx-A	3 W/ft (9.84 W/m)	2 in. (50 mm)	Green (518 nm)	40 lm/ft	131.2 lm/m
LB-FRN-BLU-xx-A	3 W/ft (9.84 W/m)	2 in. (50 mm)	Blue (462 nm)	5 lm/ft	16.4 lm/m
LB-FRN-YLW-xx-A	3 W/ft (9.84 W/m)	2 in. (50 mm)	Yellow (585 nm)	145 lm/ft	475.6 lm/m
LB-FRN-RGBW65-xx-A	5.5 W/ft (18.04 W/m)	3.28 in. (83.3 mm)	RGBW (6500K)	55 lm/ft all on	180.4 lm/m all on
LB-FRN-RGBW50-xx-A	5.5 W/ft (18.04 W/m)	3.28 in. (83.3 mm)	RGBW (5000K)	55 lm/ft all on	180.4 lm/m all on
LB-FRN-RGBW40-xx-A	5.5 W/ft (18.04 W/m)	3.28 in. (83.3 mm)	RGBW (4000K)	55 lm/ft all on	180.4 lm/m all on

* In part numbers, 'xx' represents the length. Replace 'xx' with '2' for 2 ft (0.61 m) or '8' for 8 ft (2.44 m) models. Use '49' for 49 ft (15 m) Static White or Static Color reels, or '16' for 16 ft 4 in. (5m) RGBW reels.

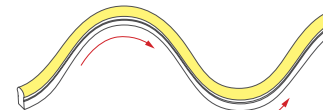
** Special order only

	FlexRayz Neon Profile	Front Bottom Feed End Cap	Closing End Cap (part #: LB-FRN-CAP)
Length	All: 2 ft (0.61 m), 8 ft (2.44 m) Static White & Static Color: 49 ft (15 m) reel RGBW: 16 ft in. (5 m) reel	0.94 in. (24 mm)	0.94 in. (24 mm)
Width	0.55 in. (14 mm)	0.55 in. (14 mm)	0.55 in. (14 mm)
Height	1.06 in. (27 mm)	1.54 in. (39 mm)	1.06 in. (27 mm)

Minimum Bending Radius



Bending Direction



ACCESSORIES

	Closing End Cap	Aluminum Mounting Clip for mounting in curved sections only	S-type Track for mounting in curved sections	Aluminum Channel for mounting in straight sections	0.5 in. Standoff for mounting above facade surface
Part No.	LB-FRN-CAP	LB-FRN-CLIPMNT	LB-FRN-CRVMNT	LB-FRN-CHMNT-2	LB-FRN-STDOFF
Length	0.63 in. (16 mm)	0.98 in. (25 mm)	19.7 in. (500 mm)	78.7 in. (2000 mm)	0.38 in. (9.5 mm)
Width	0.67 in. (17 mm)	0.6 in. (15.3 mm)	0.6 in. (15.3 mm)	0.48 in. (12.3 mm)	0.38 in. (9.5 mm)
Height	1.24 in. (31.5 mm)	0.83 in. (21 mm)	0.83 in. (21 mm)	0.67 in. (17 mm)	0.5 in. (12.7 mm)

TO ATTACH END CAPS: When sealing FlexRayz Neon end caps, use a neutral cure (non-acetoxy) silicone adhesive that is non-corrosive and safe for LEDs and electronic circuitry. **DO NOT** use acetoxy (acid-cure) silicone to seal end caps. Acetoxy silicone releases acetic acid that can damage LEDs and electronic components.

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