



### STATIC COLOR FLEXRAYZ NEON

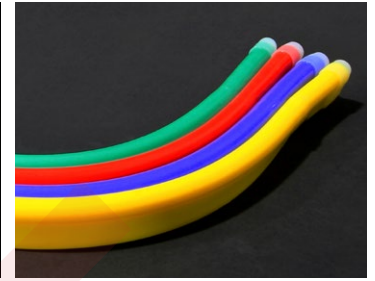
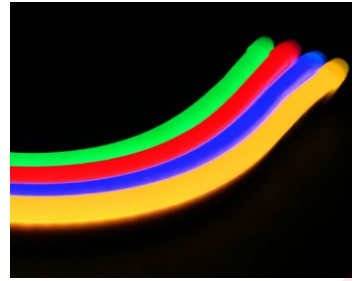
FlexRayz Neon from AgiLight offers a versatile approach to border tube that eliminates light gaps. A side-bending LED neon that provides an excellent solution for linear façade lighting in curved or straight runs, Static Color FlexRayz uses a constant current design to provide consistent brightness throughout each run. Rated IP67 for use in damp and wet locations.

#### Applications:

- Borders and edges in signs and facades
- Neon replacements
- Cove and Accent lighting

#### Features:

- Available in pre-assembled 2 ft (0.61 m) or 8 ft (2.44 m) lengths or sold in full reels of 49 ft (15 m)
- Full reels can be cut and finished with an end cap; new power feeds cannot be introduced in the field
- 3 W/ft (9.84 W/m), 24 V DC
- Four Static Colors (Red, Green, Blue, Yellow)
- 2 in. (50 mm) cut lengths
- Minimum bend diameter of 2 in. (50 mm)
- 110x250° beam angle
- Saltwater, solvent, and flame resistant
- IP67
- IK08 impact protection
- Consistent brightness with constant current design
- Uses aluminum mounting clips, straight aluminum channel or S-type track for curved sections



**RoHS**

**LM-80**

**IP67**



**Product is in final stages of development. Specifications are preliminary targets subject to change before product launch.**

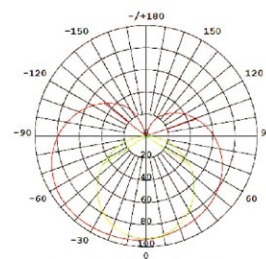
### ORDERING GUIDE

Part Number	Length	Color	Wavelength	Lumens / Foot	Lumens / Meter
LB-FRN-RED-2-A	2 ft / 0.61 m	Red	620 nm	45 lm/ft	147.6 lm/m
LB-FRN-RED-8-A	8 ft / 2.44 m	Red	620 nm	45 lm/ft	147.6 lm/m
LB-FRN-RED-49-A	49 ft / 15 m	Red	620 nm	45 lm/ft	147.6 lm/m
LB-FRN-GRN-2-A	2 ft / 0.61 m	Green	518 nm	40 lm/ft	131.2 lm/m
LB-FRN-GRN-8-A	8 ft / 2.44 m	Green	518 nm	40 lm/ft	131.2 lm/m
LB-FRN-GRN-49-A	49 ft / 15 m	Green	518 nm	40 lm/ft	131.2 lm/m
LB-FRN-BLU-2-A	2 ft / 0.61 m	Blue	462 nm	5 lm/ft	16.4 lm/m
LB-FRN-BLU-8-A	8 ft / 2.44 m	Blue	462 nm	5 lm/ft	16.4 lm/m
LB-FRN-BLU-49-A	49 ft / 15 m	Blue	462 nm	5 lm/ft	16.4 lm/m
LB-FRN-YLW-2-A	2 ft / 0.61 m	Yellow	585 nm	145 lm/ft	475.6 lm/m
LB-FRN-YLW-8-A	8 ft / 2.44 m	Yellow	585 nm	145 lm/ft	475.6 lm/m
LB-FRN-YLW-49-A	49 ft / 15 m	Yellow	585 nm	145 lm/ft	475.6 lm/m

### SPECIFICATIONS

<b>Input Voltage</b>	24 V DC
<b>Cuttable Length</b>	2 in. (50 mm)
<b>Max. Length</b>	49 ft (15 m)
<b>Available Lengths</b>	2 ft (0.61 m) 8 ft (2.44 m) 49 ft (15 m)
<b>Min. Bending Diameter</b>	2 in. (50 mm)
<b>Ingress Protection</b>	IP67
<b>Impact Protection Rating</b>	IK08
<b>L70 Lifetime @ 60° C</b>	50,000 Hours
<b>Warranty</b>	5 Year Limited Warranty

### LUMINOUS INTENSITY DISTRIBUTION

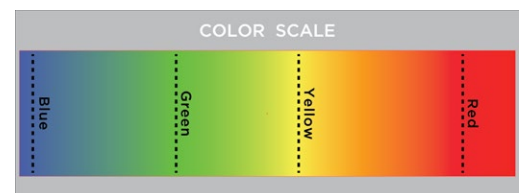


Average Beam Angle (50%): 131.2°

Unit: cd

— C0/180, 148.4°

— C90/270, 114.1°

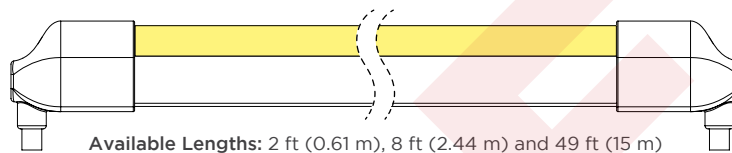


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**DIMENSIONS**

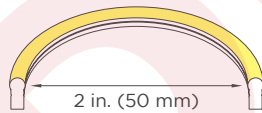
	FlexRayz Neon	Front Bottom Feed End Cap	Closing End Cap
<b>Length</b>	2 ft (0.61 m), 8 ft (2.44 m), and 49 ft (15 m)	1.52 in. (38.5 mm)	0.63 in. (16 mm)
<b>Width</b>	0.39 in. (10 mm)	0.52 in. (13.2 mm)	0.55 in. (14 mm)
<b>Height</b>	0.98 in. (25 mm)	1.32 in. (33.6 mm)	1.06 in. (27 mm)



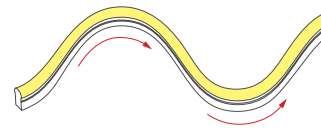
**Static Color FlexRayz Neon if cut**

Standard Length (ft)	Actual Light Length		Actual Length with End Caps		Channel Cut Length	
	(ft)	(m)	(ft)	(m)	(ft)	(m)
<b>Single End Feed</b>						
2	1.97	0.6	2.05	0.63	1.82	0.55
8	7.87	2.4	7.96	2.42	7.72	2.35
49	48.88	14.9	48.97	14.92	48.73	14.85
<b>Double End Feed</b>						
2	1.97	0.6	2.13	0.65	1.82	0.55
8	7.87	2.4	8.04	2.45	7.72	2.35
49	48.88	14.9	49.05	14.95	48.73	14.85

**Minimum Bending Diameter**



**Bending Direction**



**ACCESSORIES**

	Aluminum Mounting Clip	S-type Track for mounting in curved sections	Aluminum Channel for mounting in straight sections	0.5 in. Standoff for mounting above facade surface	Silicone Glue
<b>Part No.</b>	LB-FRN-CLIPMNT	LB-FRN-CRVMNT	LB-FRN-CHMNT	LB-FRN-STDOFF	LB-FRN-SILGLUE
<b>Length</b>	0.98 in. (25 mm)	19.7 in. (500 mm)	39.4 in. (1000 mm)	0.38 in. (9.5 mm)	--
<b>Width</b>	0.48 in. (12.3 mm)	0.43 in. (11 mm)	0.48 in. (12.3 mm)	0.38 in. (9.5 mm)	--
<b>Height</b>	0.67 in. (17 mm)	0.67 in. (17 mm)	0.67 in. (17 mm)	0.5 in. (12.7 mm)	--