



STATIC COLOR FLEXRAYZ NEON

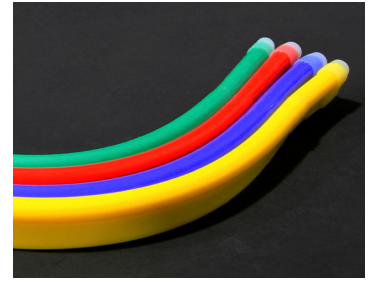
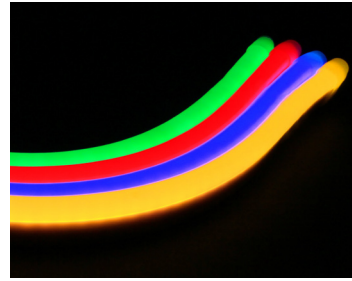
FlexRayz Neon from AgiLight offers a versatile approach to border tube that eliminates light gaps. A side-bending LED neon that provides an excellent solution for linear façade lighting in curved or straight runs, Static Color FlexRayz uses a constant current design to provide consistent brightness throughout 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
- 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
- Minimum bend diameter of 2 in. (50 mm)



RoHS

LM-80

IP67

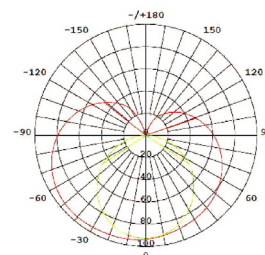
ORDERING GUIDE

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

Input Voltage	24 V DC
Power Consumption	3 W/ft (9.84 W/m)
Cuttable Length	2 in. (50 mm)
Max. Length	49 ft (15 m)
Available Lengths	2 ft (0.61 m) 8 ft (2.44 m) 49 ft (15 m)
Min. Bending Diameter	2 in. (50 mm)
Ingress Protection	IP67
Impact Protection Rating	IK08
L70 Lifetime @ 60° C	50,000 Hours
Warranty	5 Year Limited Warranty

LUMINOUS INTENSITY DISTRIBUTION

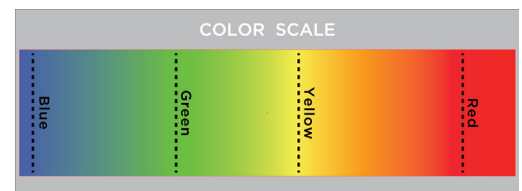


Average Beam Angle (50%): 131.2°

Unit: cd

— C0/180, 148.4°

— C90/270, 114.1°



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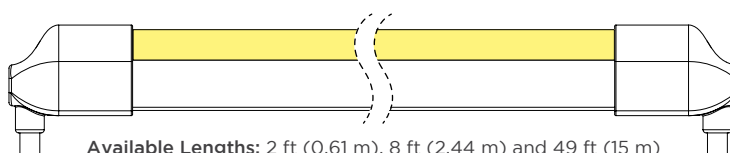
Piedmont Plastics
www.piedmontplastics.com

REV.02JUN2022



DIMENSIONS

	FlexRayz Neon	Front Bottom Feed End Cap	Closing End Cap (part #: LB-FRN-CAP)
Length	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)
Width	0.39 in. (10 mm)	0.52 in. (13.2 mm)	0.55 in. (14 mm)
Height	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)
Single End Feed						
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
Double End Feed						
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
Part No.	LB-FRN-CLIPMNT	LB-FRN-CRVMNT	LB-FRN-CHMNT	LB-FRN-STDOFF	LB-FRN-SILGLUE
Length	0.98 in. (25 mm)	19.7 in. (500 mm)	39.4 in. (1000 mm)	0.38 in. (9.5 mm)	--
Width	0.48 in. (12.3 mm)	0.43 in. (11 mm)	0.48 in. (12.3 mm)	0.38 in. (9.5 mm)	--
Height	0.67 in. (17 mm)	0.67 in. (17 mm)	0.67 in. (17 mm)	0.5 in. (12.7 mm)	--