



RGBW FLEXRAYZ NEON

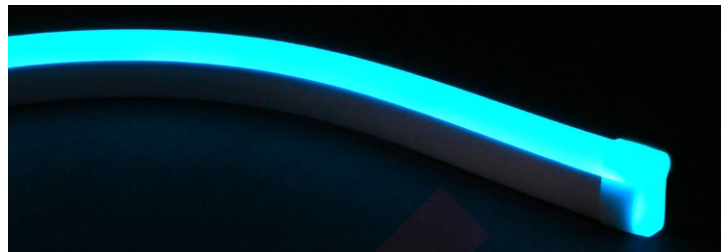
FlexRayz Neon from AgiLight offers a versatile approach to border tube that eliminates light gaps. A side-bending LED neon that provides an excellent solution for linear façade lighting in curved or straight runs, RGBW FlexRayz lets you tune your light to any of 16 million custom colors. Rated IP67 for 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 16.4 ft (5 m)
- Full reels can be cut and finished with an end cap; new power feeds cannot be introduced in the field
- 5.5 W/ft (18.04 W/m), 24 V DC
- RGB+6500K (4000K, 5000K upon request)
- 3.28 in. (83.3 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

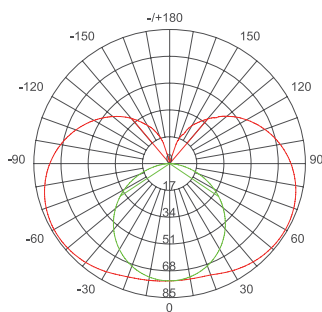
Part Number	Length	Color	Lumen				
			All LEDs On	Red	Green	Blue	White
LB-FRN-RGBW65-2-A	2 ft / 0.61 m	RGB+6500K	55 lm/ft (180.4 lm/m)	7 lm/ft (23 lm/m)	19 lm/ft (62.3 lm/m)	3 lm/ft (9.8 lm/m)	25 lm/ft (82 lm/m)
LB-FRN-RGBW65-8-A	8 ft / 2.44 m						
LB-FRN-RGBW65-16-A	16 ft 4 in. / 5 m						
LB-FRN-RGBW50-2-A*	2 ft / 0.61 m	RGB+5000K	55 lm/ft (180.4 lm/m)	7 lm/ft (23 lm/m)	19 lm/ft (62.3 lm/m)	3 lm/ft (9.8 lm/m)	25 lm/ft (82 lm/m)
LB-FRN-RGBW50-8-A*	8 ft / 2.44 m						
LB-FRN-RGBW50-16-A*	16 ft 4 in. / 5 m						
LB-FRN-RGBW40-2-A*	2 ft / 0.61 m	RGB+4000K	55 lm/ft (180.4 lm/m)	7 lm/ft (23 lm/m)	19 lm/ft (62.3 lm/m)	3 lm/ft (9.8 lm/m)	25 lm/ft (82 lm/m)
LB-FRN-RGBW40-8-A*	8 ft / 2.44 m						
LB-FRN-RGBW40-16-A*	16 ft 4 in. / 5 m						

* Special order only

SPECIFICATIONS

Input Voltage	24 V DC
Color	RGB+6500K (special orders for RGB+5000K and RGB+4000K)
Cuttable Length	3.28 in. (83.3 mm)
Max. Length	16.4 ft (5 m)
Available Lengths	2 ft (0.61 m)
	8 ft (2.44 m)
	16.4 ft (5 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

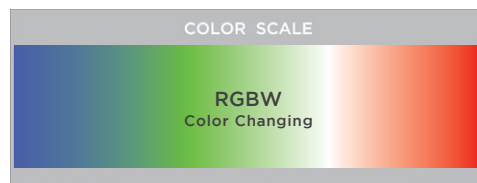


Average Beam Angle (50%): 182.2°

Unit: cd

— C0/180, 247.8°

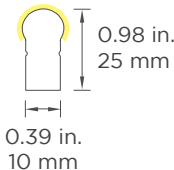
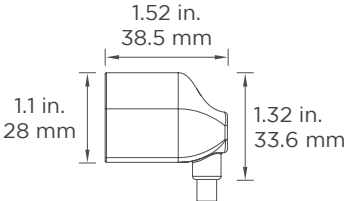
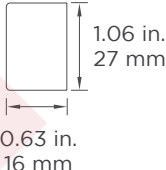
— C90/270, 116.5°

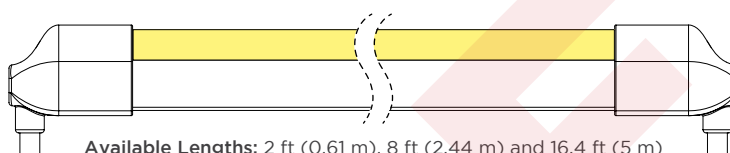


REV.29APR2022

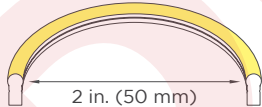
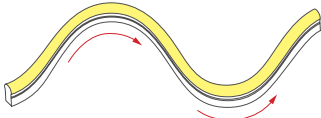


DIMENSIONS

	FlexRayz Neon	Front Bottom Feed End Cap	Closing End Cap
			
Length	2 ft (0.61 m), 8 ft (2.44 m), and 16.4 ft (5 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)



RGBW 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	1.91	0.58	1.99	0.61	1.76	0.54	
8	7.93	2.42	8	2.44	7.77	2.37	
16	15.85	4.83	15.93	4.85	15.7	4.79	
Double End Feed							
2	1.91	0.58	2.07	0.63	1.76	0.54	
8	7.93	2.42	8.08	2.46	7.77	2.37	
16	15.85	4.83	16	4.88	15.7	4.79	

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)	--