



### STATIC COLOR FLEXRAYZ NEON

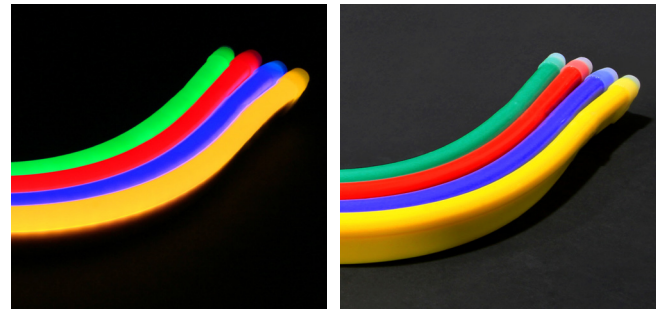
FlexRayz Neon from AgiLight offers a versatile approach to border tube that eliminates light gaps. A side-bending LED neon that provides an excellent solution for linear façade lighting in curved or straight runs, Static Color FlexRayz uses a constant current design to provide consistent brightness throughout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

#### 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 VDC
- Four Static Colors (Red, Green, Blue, Yellow)
- 2 in. (50 mm) cut lengths



- 110x250° beam angle
- Use Aluminum Mounting Channel for straight runs
- Use S-type Track or Aluminum Mounting Clips for curves
- UV protected; saltwater, solvent & flame resistant
- IP67; IK08 impact protection
- Consistent brightness with constant current design
- Minimum bend radius of 1 in. (25 mm)

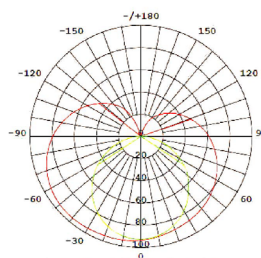
### ORDERING GUIDE

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 Radius	1 in. (25 mm)
Ingress Protection	IP67
Impact Protection Rating	IK08
L70 Lifetime @ 60 °C	50,000 hours
Warranty	5-year limited warranty

### LUMINOUS INTENSITY DISTRIBUTION

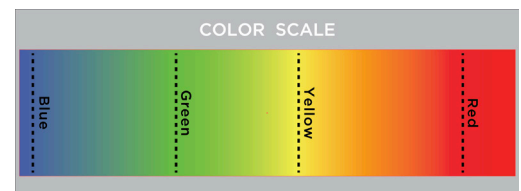


Average Beam Angle (50%): 131.2°

Unit: cd

— CO/180, 148.4°

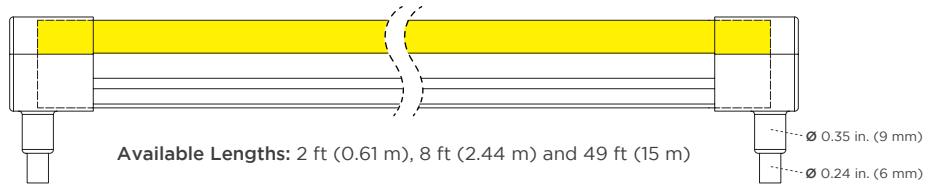
— C90/270, 114.1°





**DIMENSIONS**

	FlexRayz Neon	Front Bottom Feed End Cap	Closing End Cap (part #: LB-FRN-CAP)
<b>Length</b>	2 ft (0.61 m), 8 ft (2.44 m), and 49 ft (15 m)	0.94 in. (24 mm)	0.94 in. (24 mm)
<b>Width</b>	0.55 in. (14 mm)	0.55 in. (14 mm)	0.55 in. (14 mm)
<b>Height</b>	1.06 in. (27 mm)	1.54 in. (39 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



**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	Silicone Glue
<b>Part No.</b>	LB-FRN-CAP	LB-FRN-CLIPMNT	LB-FRN-CRVMNT	LB-FRN-CHMNT	LB-FRN-STDOFF	LB-FRN-SILGLUE
<b>Length</b>	0.63 in. (16 mm)	0.98 in. (25 mm)	19.7 in. (500 mm)	39.4 in. (1000 mm)	0.38 in. (9.5 mm)	--
<b>Width</b>	0.67 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)	--
<b>Height</b>	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)	--



**POWER SUPPLY LOADING**

Product	Power Supply (W)	Max. # of ft/m in a continuous run	Total # of ft/m per power supply NOT in a continuous run
Static Color FlexRayz Neon	60	18 / 5.49	18 / 5.49
	100	30 / 9.14	30 / 9.14
	300	3 outputs: 30 / 9.14 per output	90 / 27.43 (3 outputs: 30 / 9.14 per output)

**AVAILABLE POWER SUPPLIES**



**30W 24V  
POWER SUPPLY**  
Part #: PS24-30W-GN  
Article #: 28000516A



**100W 24V  
POWER SUPPLY**  
Part #: PS24-100W-GN  
Article #: 28000513A



**60W 24V  
POWER SUPPLY**  
Part #: PS24-60W-GN  
Article #: 28000512A



**300W 24V  
POWER SUPPLY**  
Part #: PS24-300W-3-GN  
Article #: 28000514A

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