



**STATIC WHITE 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 White 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
- 6500K (4000K, 5000K upon request)
- 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**

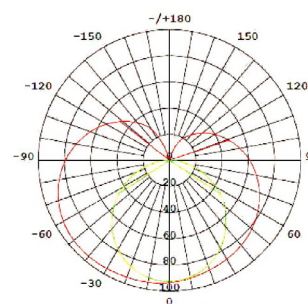
Part Number	Length	Color Temperature	Lumens / Foot	Lumens / Meter
LB-FRN-65K-2-A	2 ft / 0.61 m	6500K	170 lm/ft	557.6 lm/m
LB-FRN-65K-8-A	8 ft / 2.44 m	6500K	170 lm/ft	557.6 lm/m
LB-FRN-65K-49-A	49 ft / 15 m	6500K	170 lm/ft	557.6 lm/m
LB-FRN-50K-2-A*	2 ft / 0.61 m	5000K	210 lm/ft	688.8 lm/m
LB-FRN-50K-8-A*	8 ft / 2.44 m	5000K	210 lm/ft	688.8 lm/m
LB-FRN-50K-49-A*	49 ft / 15 m	5000K	210 lm/ft	688.8 lm/m
LB-FRN-40K-2-A*	2 ft / 0.61 m	4000K	165 lm/ft	541.2 lm/m
LB-FRN-40K-8-A*	8 ft / 2.44 m	4000K	165 lm/ft	541.2 lm/m
LB-FRN-40K-49-A*	49 ft / 15 m	4000K	165 lm/ft	541.2 lm/m

\* Special order only

**SPECIFICATIONS**

<b>Input Voltage</b>	24 V DC
<b>Power Consumption</b>	3 W/ft (9.84 W/m)
<b>CRI</b>	80
<b>Cutttable 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 Radius</b>	1 in. (25 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**

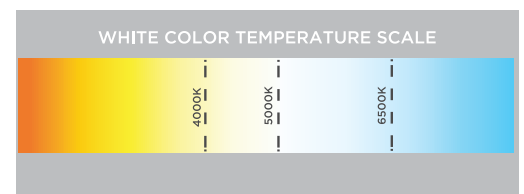


Average Beam Angle (50%): 131.2°

Unit: cd

— C0/180, 148.4°

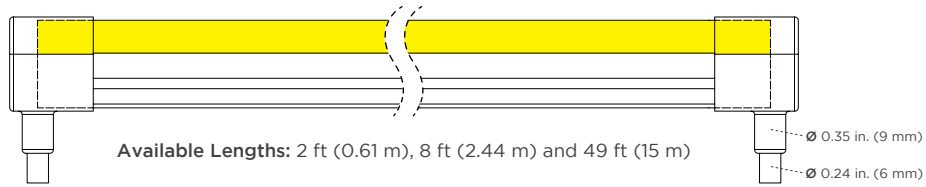
— C90/270, 114.1°



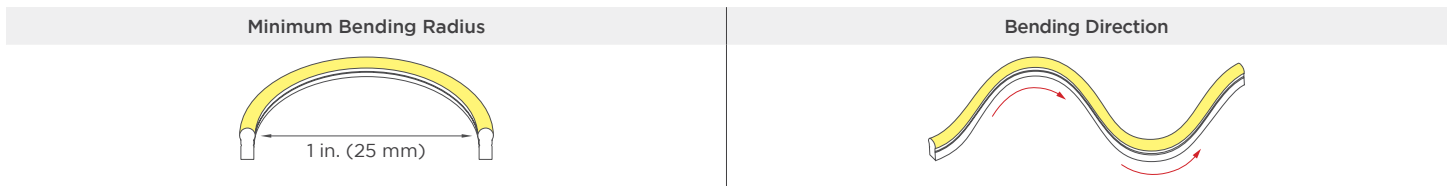


**DIMENSIONS**

	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 White 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)	0.48 in. (12.3 mm)	0.43 in. (11 mm)	0.48 in. (12.3 mm)	0.38 in. (9.5 mm)	--
<b>Height</b>	1.24 in. (31.5 mm)	0.67 in. (17 mm)	0.67 in. (17 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 White 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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