



## FLUORAE

One-Inch Flexible Neon (Static)

### FLUORAE ARCHITECTURAL NEON

Flexible & Poseable Architectural Neon | 24V & 48V | SPI, RGBW, **White** | 360° Beam  
Multiple Installation Methods | High CRI  
IP65 Rated for Indoor & Outdoor Use

### CONTACT & SUPPORT

[techsupport@epl.com](mailto:techsupport@epl.com)

T: (718) 685-0700

[www.epl.com](http://www.epl.com)





## INTRODUCTION

Fluorae is a continuous neon lighting system shaped in round silicone tubing, producing omnidirectional light. Designed for clean lines and controlled glow, it suits both expressive accents and low-glare perimeter runs.

## APPLICATIONS

Used in retail, hospitality, signage, and wall or ceiling edge treatments, Fluorae bends easily to follow curves or frame architectural details. Its IP65-rated body resists dust and moisture, making it suitable for both interior and exterior use.

## FEATURES

### Profile

Fluorae casts soft, continuous light in every direction, shaped by a clean, cylindrical silicone body that fades into the background — or defines the edge.

### Optical Precision

Designed for visual consistency, Fluorae smooths out hotspots and delivers a clean, uninterrupted line of light — whether straight, curved, or wrapped around form.

### Custom Lengths

Cut to fit the concept. Available from 3' to 66' in precise ½" increments, Fluorae adapts to unique geometries without compromising flow or rhythm.

### Dimming Compatibility

Fluorae responds smoothly across 0–10V, DALI, and TUYA dimming systems, allowing for fine-tuned lighting from quiet ambiance to full visual impact.

### Installation

Mounts cleanly to walls, ceilings, or suspended planes using low-profile clips and cable drops from 6" to 6'. Designed to disappear — or define.

### Durability

Fully enclosed in weather-sealed silicone, Fluorae holds its shape under tension, in heat, or out in the elements — making it just as comfortable outdoors as in.

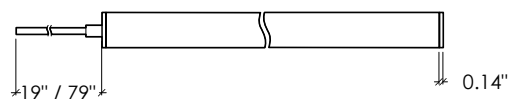
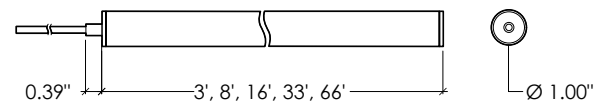
## LISTINGS



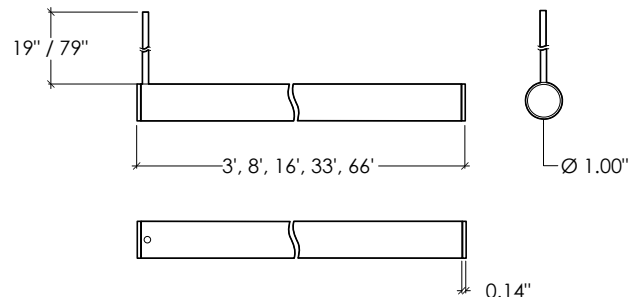
## DIMENSIONS

AVG. EFFICIENCY: 85 LUMENS PER WATT

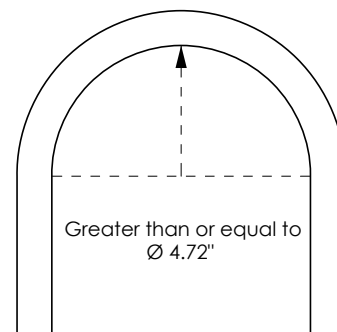
### Top Wire Lead (TW)



### Side Wire Lead (SW)



## BENDING DIAMETER



TECHNICAL OVERVIEW

One-page compact technical summary in table format

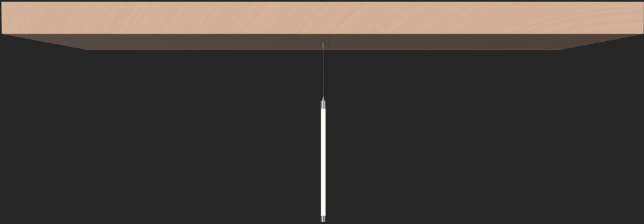
FAMILY-	CCT/COLOR-	CRI-	INPUT VOLTAGE-	MAX POWER-	LUMENS-	LENGTHS-	NOTES-
FAE-R25-48-	2300K	> 90	48V	4.18 W/ft	~ 328 per foot	3'-3-3/8"	No Cutting 24 LED / ~2 7/16" (62.5mm = 2 7/16")
	2700K					8'-2-7/16"	
	3000K					16'-4-7/8"	
	4000K					32'-9-11/16" 65'-7-3/8"	
						*Custom lengths must be verified and confirmed with factory	

MOUNTING TYPE

Choose the right mounting for your application

mounting points every 6'

VTF vertical top feed

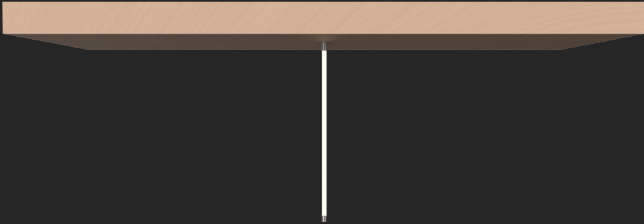


Luminaire Order No.:

(1) A-FAE-R25-48-27-90-DIM10-90-03-TW  
(1) A-FAE-ACC-VTF-R25-03\*

\*standard suspension cable length up to 6'-6"

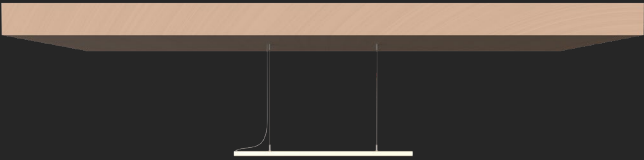
SVF single-end surface vertical feed



Luminaire Order No.:

(1) A-FAE-R25-48-27-90-DIM10-90-03-TW  
(1) A-FAE-ACC-SVF-R25-03

HSF horizontal side feed suspension




Luminaire Order No.:

(1) A-FAE-R25-48-27-90-DIM10-90-03-SW  
(2) A-FAE-ACC-HSF-R25-03\*

\*standard suspension cable length up to 6'-6"

CLP clip u-channel mount



Luminaire Order No.:

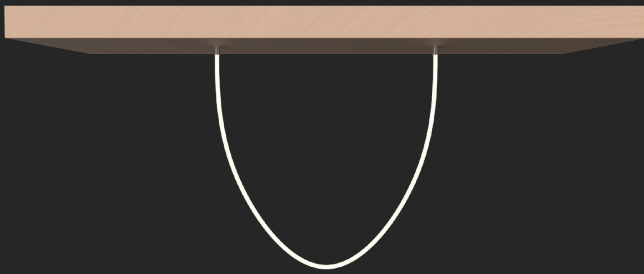
(1) A-FAE-R25-48-27-90-DIM10-90-03-SW  
(1) A-FAE-ACC-CLP-R25-03

## MOUNTING TYPE

Choose the right mounting for your application

*mounting points every 6'*

### DVF dual-end vertical feed (surface)



#### Luminaire Order No.:

- (1) A-FAE-R25-48-27-90-DIM10-90-03-TW
- (1) A-FAE-ACC-DVF-R25

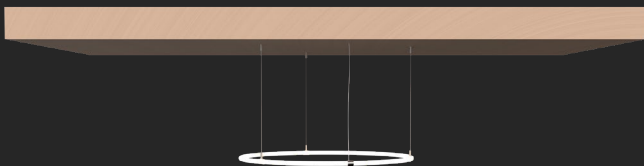
### CSP Concealed Surface Mount Plate



#### Luminaire Order No.:

- (1) A-FAE-R25-48-27-90-DIM10-90-03-TW
- (4) A-FAE-ACC-SVF-R25-STD

### SPL splice accessory

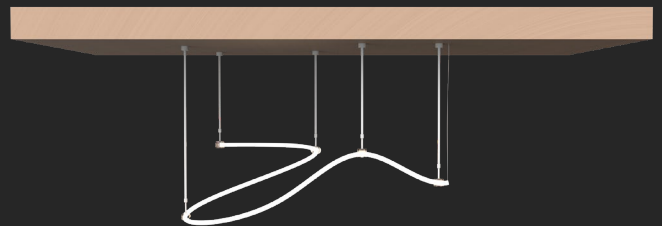


#### Luminaire Order No.:

- (1) A-FAE-R25-48-27-90-DIM10-90-10-SW
- (1) A-FAE-ACC-SPL-R25 (3) A-FAE-ACC-HSF-R25

\*standard suspension cable length up to 6'-6"

### VRS variable rigid stem



#### Luminaire Order No.:

- (1) A-FAE-R25-48-27-90-DIM10-90-10-SW
- (5) A-FAE-ACC-VRS-R25-24

## ORDERING GUIDE

- 1 ROPE LIGHT
- 2 MOUNTING TYPE
- 3 LED DRIVER

ORDERING GUIDE: ROPE LIGHT

FAMILY -	MODEL -	VOLTAGE -	CCT -	DRIVER -	CRI -	LENGTH - (nominal feet)	WIRE LEAD OPTION -
FAE	R25	48	23	DIM10	90	03	SW Side Wire Lead
			27	DALI		08	TW Top Wire Lead
			30			16	
			40			33	
						66	
						CUSTOM	

ORDERING GUIDE: MOUNTING TYPE

MOUNTING TYPE -	ORIENTATION CODE -	PART NUMBER FORMAT -	NOTES -
Vertical Top Feed	VTF	A-FL-ACC-VTF-R25-XXXX	User selects sleeve length (up to 8'0")
Single-End Surface Vertical Feed	SVF	A-FL-ACC-SVF-R25-XXXX	User selects sleeve length (up to 8'0")
Horizontal Side Feed Suspension	HSF	A-FL-ACC-HSF-R25(-XXXX)	Standard 1.25" or user selects sleeve length (up to 8'0")
Clip Mount (1" Std or Custom)	CLP	A-FL-ACC-CLP-R25(-XXXX)	Standard 1" or user-specified custom length clip
Dual-End Vertical Feed (Surface Mount)	DVF	A-FL-ACC-DVF-R25	Standard finished end caps, no custom length
Splice Accessory	SPL	A-FL-ACC-SPL-R25	For circle/continuous runs; no mounting included
Concealed Surface Mount Plate	CSP	A-FL-ACC-CSP-R25	Standard concealed mount with zip ties
Variable Rigid Stem	VRS	A-FL-ACC-VRS-R25-24 or A-FL-ACC-VRS-R25-79	Fixed variants: 2'-0" or 6'-7" stem

ORDERING GUIDE: LED DRIVER (based on ~ 4W/ft)

MODEL-	OUTPUT POWER-	MAX ROPE LIGHT LENGTH (FT)	TYPICAL APPLICATIONS
HLG-40H-48B	40W	5	Short rope light runs, accent lighting
HLG-60H-48B	60W	8	Small installations, under-cabinet lights
HLG-100H-48B	100W	13	Medium-length rope lights
HLG-120H-48B	120W	16	Standard installations
HLG-150H-48B	150W	20	Extended runs
HLG-185H-48B	185W	25	Longer installations
HLG-240H-48B	240W	32	High-power applications
HLG-320H-48B	320W	43	Large-scale projects
HLG-480H-48B	480W	64	Very long rope light runs
HLG-600H-48B	600W	80	Extensive installations

# FLUORAE ONE-INCH FLEXIBLE NEON (Static)

Edison Price Lighting Linear Portfolio



## IN APPLICATION

Fluorae installs easily across a range of conditions, with options for surface mounting, suspension, and in-line splicing for extended runs. Suitable for both interior and exterior use, it follows architectural contours, frames signage, and adds definition to feature lighting without visual clutter.



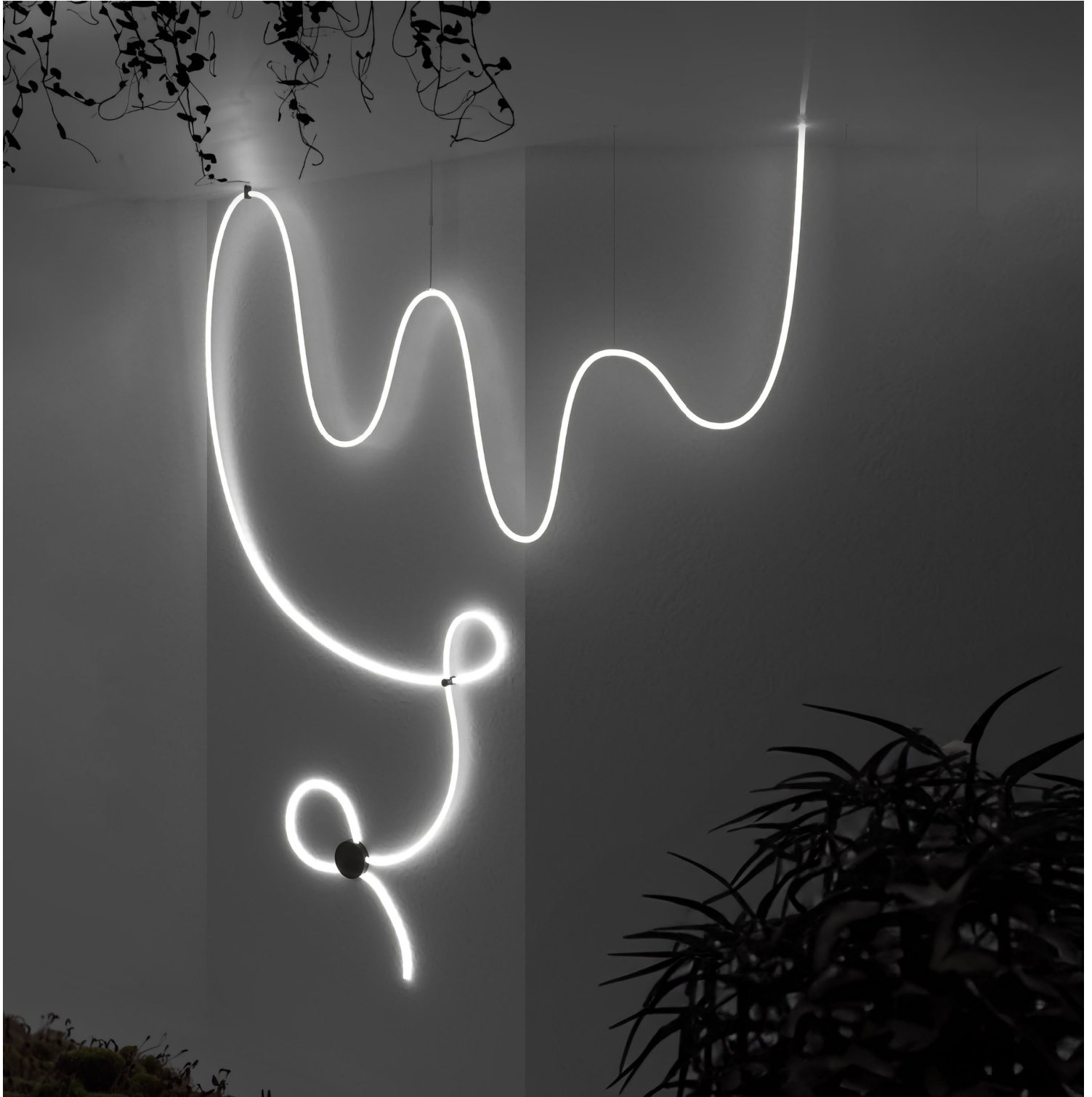
# FLUORAE ONE-INCH FLEXIBLE NEON (Static)

Edison Price Lighting Linear Portfolio



## IN APPLICATION

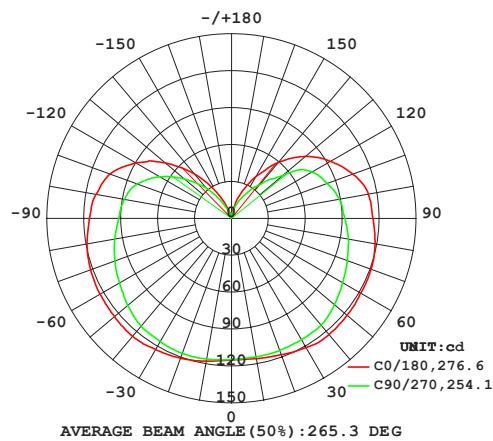
Each Fluorae module is cut and built to spec in-house, minimizing field labor and keeping lines clean. Its bendable silicone body handles curves, corners, and tight transitions with ease—perfect for outlining forms, accenting signage, or embedding light into architectural details. Available in multiple shapes and color temperatures, Fluorae delivers continuous light exactly where it's intended—no gaps, no guesswork.



PHOTOMETRIC REPORT: FAE-R25-48-40-DIM10-90-03-TW

Input Watts	Lumens	Efficacy	CRI	CCT	Spacing Criterion
12.52	945	75.5	N/A	4000K	1.53

Polar Chart



Candela  
Tabulation

Gamma (Â°)	C0	C90	C180
0	115	115	115
5	115	114	116
10	116	114	118
15	117	114	120
20	118	114	121
25	120	114	122
30	121	114	123
35	123	114	125
40	123	113	125
45	123	112	125
50	123	109	124
55	122	107	124
60	121	104	123
65	121	102	123
70	121	100	122
75	120	98.2	121
80	118	96.4	119
85	117	94.3	117
90	115	92.2	115
95	114	90.6	114
100	113	89.1	112
105	110	86.6	109
110	105	83	105
115	99.4	79.8	98.4
120	92.9	75.6	90
125	86.3	69.2	81.8
130	78.5	54.8	70.2
135	69.4	45.2	58.8
140	59.6	36	47.5
145	47.9	29.6	36.2
150	38.9	23.1	24.9
155	29.6	17.4	15.3
160	20.8	12.5	7.25
165	12.8	7.95	3.69
170	5.15	4.9	1.64
175	2.99	3.19	1.66
180	1.86	2.11	1.83

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6963	6315	9741
55	8524	7454	5805
65	11478	9682	2686
75	18539	15169	656
85	53576	43259	341

Zonal Lumen Summary

Zone -	Lumen -	%Lamp -
0-20	10.97	1.16
0-30	43.49	4.6
0-40	95.96	10.2
0-60	248.2	26.3
0-80	525.2	55.6
0-90	614.8	65

Coefficient of Utilization

(typical reflectance setting of  
Ceiling 80% / Wall 50% / Floor 20%)

Room Cavity Ratio	Coefficient of Utilization
0	1.11
1	0.9
2	0.76
3	0.66
4	0.57
5	0.51
6	0.45
7	0.41
8	0.37
9	0.33
10	0.31