

FLUORAE (FAE)
MODULES



Fluoraé

Architectural Neon

Ø 1.00"

EDISON PRICE LIGHTING
LOS ANGELES | NEW YORK

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Due to continuous product improvements, specifications and dimensions are subject to change without notice.
Consult www.epl.com for most current technical information.

FLEXIBLE | 1/2" | 3/4" | 1" | **NEON**



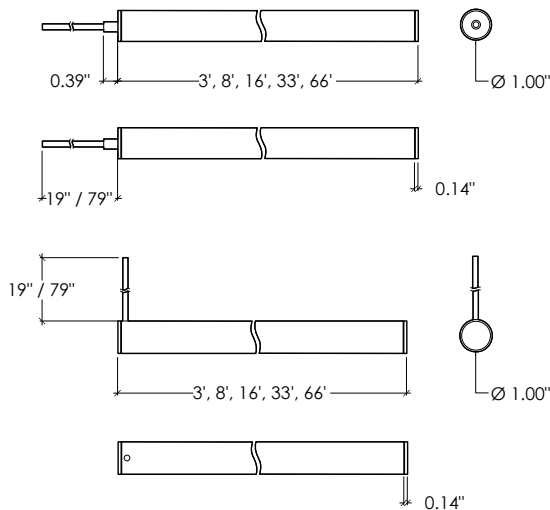
P.N. (PART NO.)

PROJECT

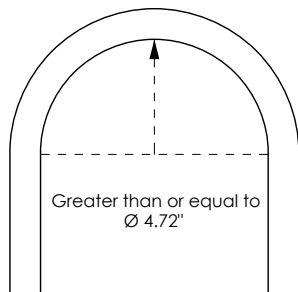
NOTES

DIMENSIONS.

TOP OUTLET (TOP) SIDE OUTLET (BELOW)



MAX BENDING RADIUS.



FEATURES.

Innovative Design and Material:

The Fluoraé Series features a unique 360-degree luminous surface with durable silicone co-extrusion construction.

Superior Spectrum Quality and Efficiency:

Each model in this series excels in spectrum testing, achieving a TM30 Rf value of 94 for accurate color rendering, an Rg value of 100 for full color saturation, and an Ra of 96.7, indicating exceptional color accuracy. They also provide impressive energy efficiency, delivering 77.95 lumens per watt, blending premium light quality with environmental consciousness.

Durability and Environmental Resistance:

The series boasts a lifespan of over 36,000 hours and an IP65 rating, making it ideal for various indoor and artistic settings.

Versatile Installation and Use:

Designed for versatility, the series supports multiple installation types and is suitable for diverse indoor decorative and spatial lighting applications.

AT A GLANCE.

INDOOR

24V

48V

IP65

IK08

ROHS

RGB

RGBW

TWH

SPECIFICATIONS.
24V Input (White - Static)

| | |
|----------------------------|------------------------------|
| Lumens Per Foot | 285 |
| CCT | 2300K, 2700K, 3000K, 4000K |
| Beam Angle | 360° |
| Power | 4.39 W/ft |
| CRI | 90+ |
| Dimming & Controls | Non-Dim, 0-10V, DALI, TUYA |
| Application | IP65 |
| Cutting Unit | 0.5" |
| Nominal Lengths (Standard) | 3' (1m); 8' (2.5m); 16' (5m) |

24V Input (White - Tunable)

| | |
|----------------------------|------------------------------|
| Lumens Per Foot | 285 |
| CCT | 2300K - 4000K |
| Beam Angle | 360° |
| Power | 4.39 W/ft |
| CRI | 90+ |
| Application | IP65 |
| Cutting Unit | 0.5" |
| Nominal Lengths (Standard) | 3' (1m); 8' (2.5m); 16' (5m) |

24V Input (RBG) - CONTINUED ON NEXT PAGE

| | |
|-----------------|------|
| Lumens Per Foot | 155 |
| CCT | RGB |
| Beam Angle | 360° |

SPECIFICATIONS.
24V Input (RBG) - CONTINUED

| | |
|----------------------------|------------------------------|
| Power | 4.39 W/ft |
| Application | IP65 |
| Cutting Unit | 0.5" |
| Nominal Lengths (Standard) | 3' (1m); 8' (2.5m); 16' (5m) |

24V Input (RGB + White)

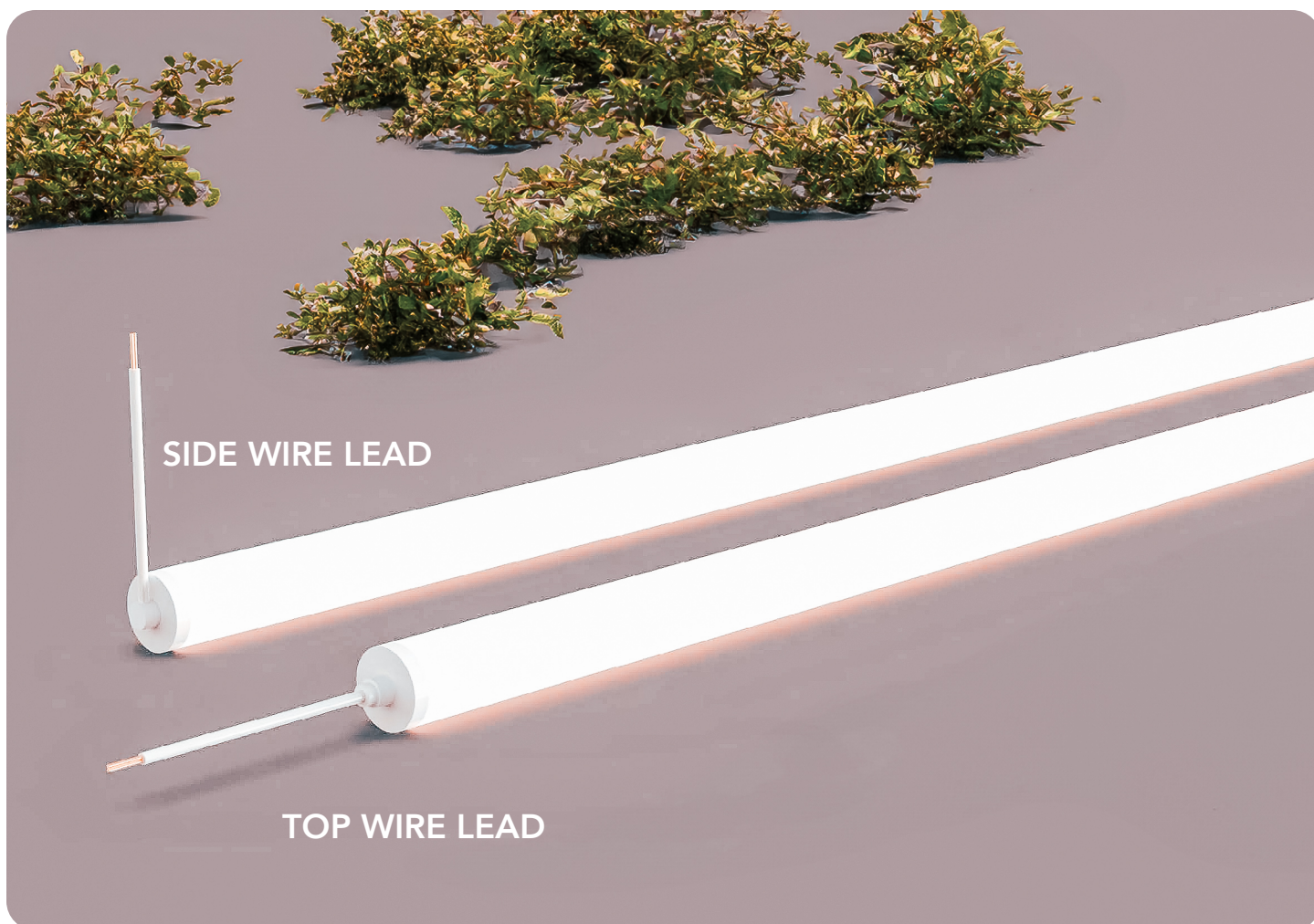
| | |
|----------------------------|----------------------------------|
| CCT | RGB + 2300K, 2700K, 3200K, 4500K |
| Beam Angle | 360° |
| Power | 5.21 W/ft |
| Application | IP65 |
| Cutting Unit | 0.5" |
| Nominal Lengths (Standard) | 3' (1m); 8' (2.5m); 16' (5m) |

48V Input (White - Static)

| | |
|----------------------------|--------------------------------|
| Lumens Per Foot | 321 |
| CCT | 2300K, 2700K, 3000K, 4000K |
| Beam Angle | 360° |
| Power | 3.81 W/ft |
| CRI | 90+ |
| Dimming & Controls | Non-Dimming, 0-10V, DALI, TUYA |
| Application | IP65 |
| Cutting Unit | 1.0" |
| Nominal Lengths (Standard) | 16' (5m); 33' (10m); 66' (20m) |

SPECIFICATIONS.

| 48V Input (RBG + White) | |
|----------------------------|----------------------------------|
| CCT | RGB + 2300K, 2700K, 3200K, 4500K |
| Beam Angle | 360° |
| Power | 5.21 W/ft |
| Application | IP65 |
| Cutting Unit | 1.0" |
| Nominal Lengths (Standard) | 16' (5m); 33' (10m) |



ORDERING GUIDE.

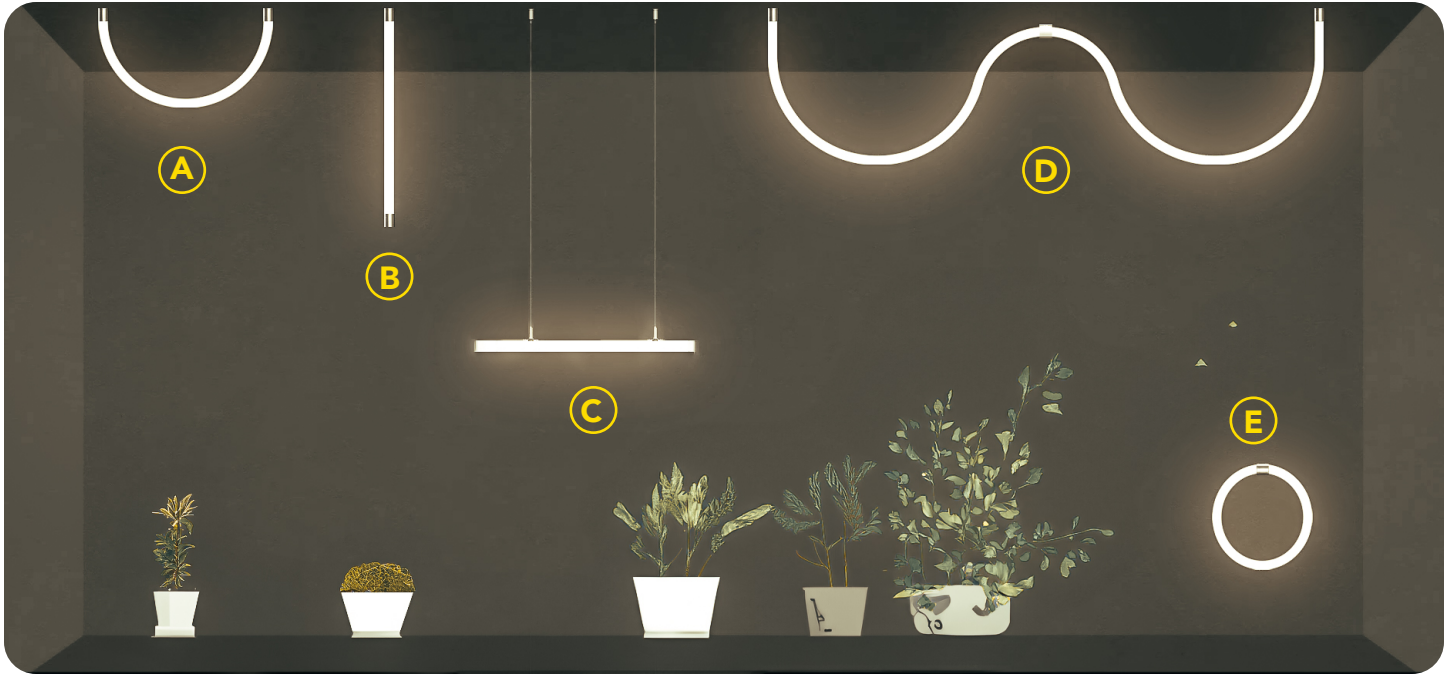
EXAMPLE: FAE-R25-48-27-DIM10-90-16

| FAMILY - | MODEL - | VOLTAGE - | CCT - | DRIVER - | CRI - | LENGTH |
|---|--------------------|-----------------|--|---|-------------------|--|
| FAE Fluoraé Architectural Neon | R25 Ø 1.00" | 24 DC24V | 27 2700K 30 3000K 35 3500K 40 4000K | ND Non-Dimming TUYA DALI DIM10 0-10V, 1% | 90 90+ CRI | 03 3 feet (1m) 08 8 feet (2.5m) 16 16 feet (5m) |
| | | | TWH 2300K-4500K | | | |
| | | | RGB | | | |
| | | | RGBW RGB + 2300K, 2700K, 3200K, 4500K | | | |

| FAMILY - | MODEL - | VOLTAGE - | CCT - | DRIVER - | CRI - | LENGTH |
|---|--------------------|-----------------|--|---|-------------------|--|
| FAE Fluoraé Architectural Neon | R25 Ø 1.00" | 48 DC48V | 27 2700K 30 3000K 35 3500K 44 4400K | ND Non-Dimming TUYA DALI DIM10 0-10V, 1% | 90 90+ CRI | 16 16 feet (5m) 33 33 feet (10m) 66 66 feet (20m) |
| | | | RGBW RGB + 2300K, 2700K, 3200K, 4500K | | | 33 33 feet (10m) |
| | | | | | | |



MOUNTING OPTIONS.



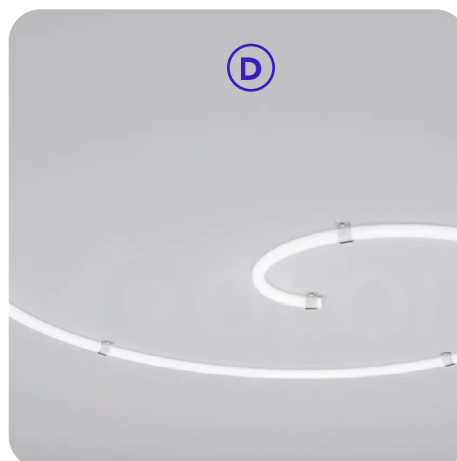
- A** Ceiling Surface Mount - Dual
- B** Ceiling Surface Mount - Single
- C** Horizontal Pendant
- D** Freeform
- E** Ring Pendant

ACCESSORIES.

SURFACE MOUNT: LOW PROFILE
CAT. NO.: *FAE-CCSMPCZT-R25*

SURFACE MOUNT: PC CLIP
CAT. NO.: *FAE-CLP-R25-25*

SURFACE MOUNT: PC CARRIER
CAT. NO.: *FAE-SMCC-R25-1000*

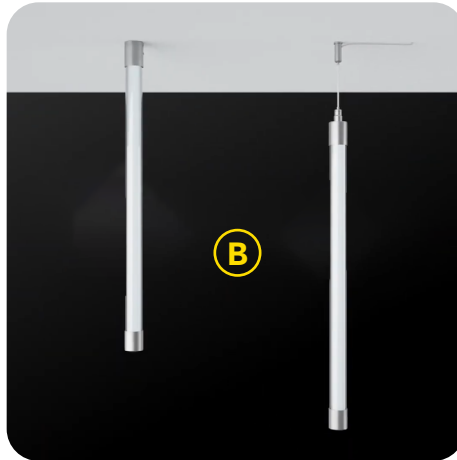


ACCESSORIES.

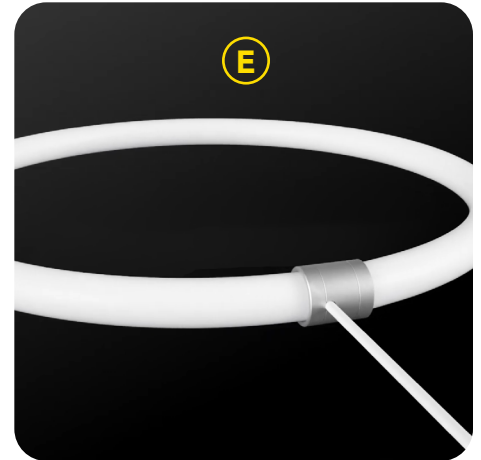
SUSPENSION: RIGID STEM
CAT. NO.: *FAE-VHRSPMK-R25*



**VERTICAL SURFACE +
SUSPENSION**
CAT. NO.: *FAE-VHAKTO-R25-2500*



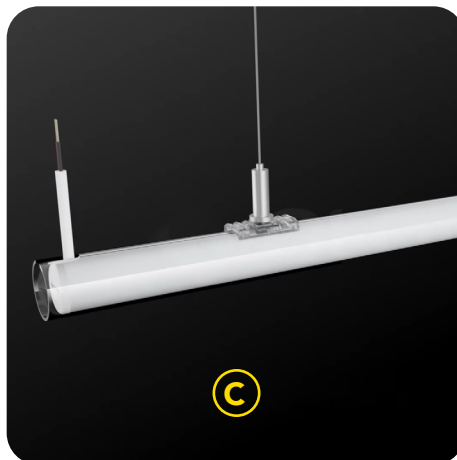
SPLICING CONNECTOR
CAT. NO.: *FAE-SPCONN-R25*



SURFACE MOUNT: DUAL CEILING
CAT. NO.: *FAE-DEVSMHK-R25*



SUSPENSION: PC SLEEVE
CAT. NO.: *FAE-SEVHAK-R25-1000*



SURFACE MOUNT: PC CARRIER
CAT. NO.: *FAE-SMCC-R25-1000*





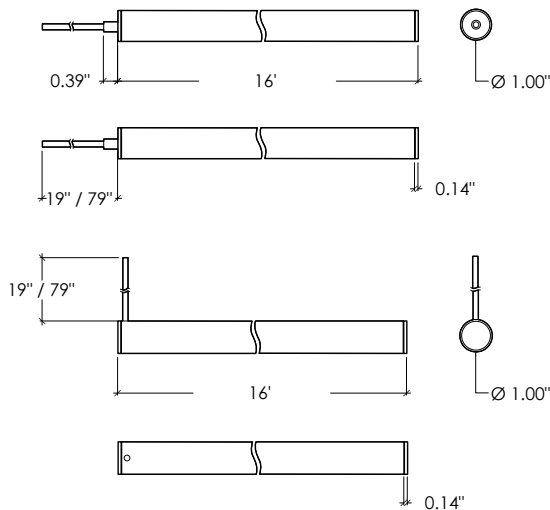
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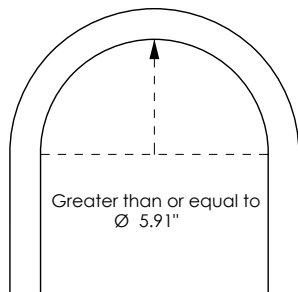
NOTES

DIMENSIONS.

TOP OUTLET (TOP) SIDE OUTLET (BELOW)



MAX BENDING RADIUS.



FEATURES.

Flexibility Redefined:

Experience unparalleled freedom in design with our **poseable** Fluoraé model. Its memory metal core allows it to hold various shapes, empowering you to create dynamic and customizable lighting installations that defy conventional limitations.

Superior Spectrum Quality and Efficiency:

Each model in this series excels in spectrum testing, achieving a TM30 Rf value of 94 for accurate color rendering, an Rg value of 100 for full color saturation, and an Ra of 96.7, indicating exceptional color accuracy. They also provide impressive energy efficiency, delivering 77.95 lumens per watt, blending premium light quality with environmental consciousness.

Durability and Environmental Resistance:

Built to endure, the **poseable** Fluoraé model boasts a lifespan exceeding 36,000 hours. With an IP65 rating, it thrives in diverse indoor environments, offering resilience against the elements while maintaining its striking form.

Versatile Installation and Use:

Unlock endless possibilities with effortless installation and dynamic functionality. Whether shaping it around architectural elements or crafting intricate spatial designs, the **poseable** Fluoraé model elevates interior aesthetics with unparalleled ease and ingenuity.

AT A GLANCE.

INDOOR

24V

48V

IP65

IK08

ROHS

SPECIFICATIONS.

24V Input (White - Static)

| | |
|----------------------------|--------------------------------|
| Lumens Per Foot | 360 |
| CCT | 2300K, 2700K, 3000K, 4000K |
| Beam Angle | 360° |
| Power | 6.08 W/ft |
| CRI | 90+ |
| Dimming & Controls | Non-Dimming, 0-10V, DALI, TUYA |
| Application | IP65 |
| Cutting Unit | Not cuttable. |
| Nominal Lengths (Standard) | 16' (5m) |

48V Input (White - Static)

| | |
|----------------------------|----------------------------|
| Lumens Per Foot | 304 |
| CCT | 2300K, 2700K, 3000K, 4000K |
| Beam Angle | 360° |
| Power | 6.08 W/ft |
| CRI | 90+ |
| Application | IP65 |
| Cutting Unit | Not cuttable. |
| Nominal Lengths (Standard) | 16' (5m) |

ORDERING GUIDE.

EXAMPLE: FAE-R25-POSE-12-RGB-ND-90-16

| FAMILY - | MODEL - | VOLTAGE - | CCT - | DRIVER - | CRI - | LENGTH |
|--|--------------------------------------|-----------------|--|---|-------------------|------------------------|
| FAE Fluoræ Architectural Neon | R25-POSE Ø 1.00" Pose-able | 24 DC24V | 27 2700K 30 3000K 35 3500K 40 4000K | ND Non-Dimming TUYA DALI DIM10 0-10V, 1% | 90 90+ CRI | 16 16 feet (5m) |

| FAMILY - | MODEL - | VOLTAGE - | CCT - | DRIVER - | CRI - | LENGTH |
|--|--------------------------------------|-----------------|--|---|-------------------|------------------------|
| FAE Fluoræ Architectural Neon | R25-POSE Ø 1.00" Pose-able | 48 DC24V | 27 2700K 30 3000K 35 3500K 44 4400K | ND Non-Dimming TUYA DALI DIM10 0-10V, 1% | 90 90+ CRI | 16 16 feet (5m) |
| | | | RGBW RGB + 2300K, 2700K, 3200K, 4500K | | | 16 16 feet (5m) |

