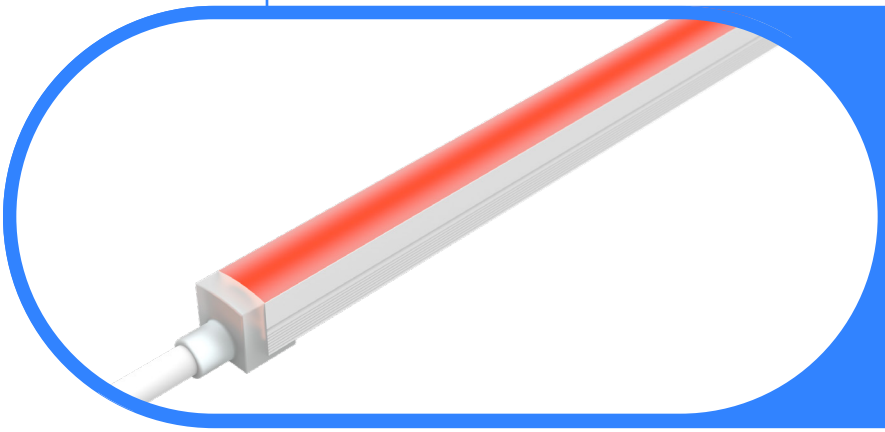
Complete Specification Sheet

Endurawave Narrow Static Color

FLEXIBLE NEON



Endurawave Narrow Static Color

0.79” x 0.79” Narrow View

Flexible Neon

RoHS COMPLIANT | c UL us LISTED | 24V DC | Wet Rated | IK10 Impact Rated

Specifications

Category	Flexible Neon
Series	Endurawave Narrow
Family	Static Color
Watts per Foot	4.51 W/ft
IP Rating	IP67/IP68
Color Options	Red, Green, Blue, Amber
Input Voltage	24V DC
Width	0.79in (20mm)
Height	0.79in (20mm)
Max Run Length	16.4ft (5m)
Cut Intervals	0.66in (16.7mm)
Feed Orientation	Bottom Feed, End Feed, Side Right, Side Left
Material	Silicone
Bend Diameter	V/H: 11.81in (300mm)
Bend Direction	3D Bend (Horizontal and Vertical)
Beam Angle	110°
Lumens per Foot	39 - 316 lm/ft
Viewing Angle	Narrow
Life Expectancy	50,000 Hour Life
Storage Temp.	-4°F (-20°C) to 158°F (70°C)
Operating Temp.	-4°F (-20°C) to 140°F (60°C)
Dimming Options[1]	Triac, ELV, 0-10V, DMX

[1]Specific dimming protocol dependent upon driver compatibility.

Features

- Strong Tensile Strength
- 3D Bending Flexibility
- 50,000 Hour Life
- Silicone Jacket with IP67 or IP68 Options
- UL-Listed for Indoor and Outdoor Use
- For Use with 24V Power Supplies

Description

Endurawave revolutionizes flexibility with its rigid PCB encased in a protective shell, allowing seamless bending and twisting without compromising LEDs or components. Reinforced by durable steel wires, it ensures long daisy-chain connections with superior tensile strength and 3D bending functionality.

Application



Kelvix reserves the right to update the product specifications at any time. Field modifications will void UL listing and warranty. Conforms to ANSI/UL Standard 2108. Certified to CAN/CSA Standard C22.2 No. 250.2
5% tolerance for all listed data

Fixture Type _____

Project Name _____

Location _____

Product Code Builder

Endurawave Narrow Static Color

FLEXIBLE NEON

Product Code Builder

Example: ENN-CT-1835K-24V-E67-1-10

SERIES
- ENN — Endurawave Narrow

FAMILY
- SC — Static Color

COLOR
- RD — Red
- GR — Green
- BL — Blue
- AM — Amber

VOLTAGE
- 24V — 24VDC

FEED AND IP
- E — End Feed
- B — Bottom Feed
- SL — Side Left
- SR — Side Right
- 67 — IP67
- 68 — IP68

LEAD LENGTH
- 1 — 1ft (12in)
- 3 — 3ft (36in)
- 6 — 6ft (72in)
- 10 — 10ft (120in)
- 16 — 16ft (192in)

FIXTURE LENGTH
- XX — Customer specific fixture length

CCT

CCT	Lumens per Foot
Red	68
Green	316
Blue	48
Amber	39

FEED TYPE

E



SL / SR (Shown)



B



Standard End



IP RATING

IP68



IP67



LEAD LENGTH

Description	Wire Gauge
2 Conductor Leader Cable (1ft)	2 x 16AWG
2 Conductor Leader Cable (3ft)	2 x 16AWG
2 Conductor Leader Cable (6ft)	2 x 16AWG
2 Conductor Leader Cable (10ft)	2 x 16AWG
2 Conductor Leader Cable (16ft)	2 x 16AWG

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5% tolerance for all listed data

Fixture Type _____

Project Name _____

Location _____

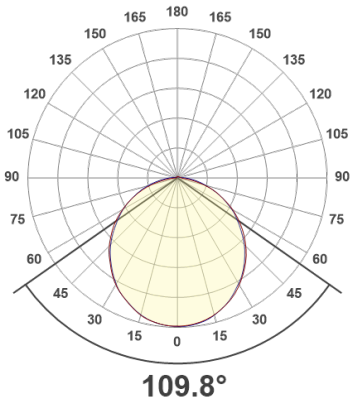
Product Details

Endurawave Narrow Static Color

FLEXIBLE NEON

Photometric

Standard



Performance

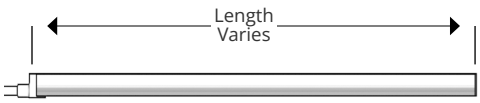
CCT	Lumens per Foot	Wavelength (nm)	Input Voltage	W/ft
Red	68	623	24 VDC	4.51 W
Green	316	518		
Blue	48	453		
Amber	39	611		

Leader Cables

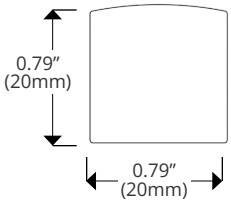
Description	Ordering Code	Length	Wire Gauge
2 Conductor Leader Cable (1ft)	1	1 ft	2 x 18AWG
2 Conductor Leader Cable (3ft)	3	3 ft	2 x 18AWG
2 Conductor Leader Cable (6ft)	6	6 ft	2 x 18AWG
2 Conductor Leader Cable (10ft)	10	10 ft	2 x 18AWG
2 Conductor Leader Cable (16ft)	16	16 ft	2 x 18AWG

Dimensions

Side

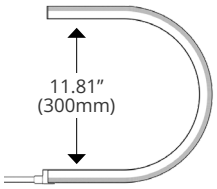


Front

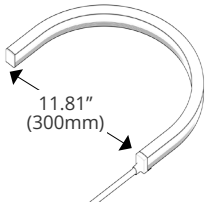


Bend Direction

Vertical Bend Diameter



Horizontal Bend Diameter



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5% tolerance for all listed data

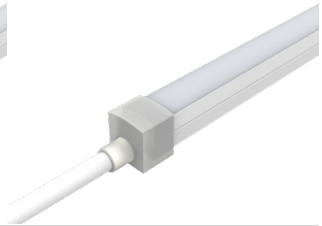
Fixture Type _____

Project Name _____

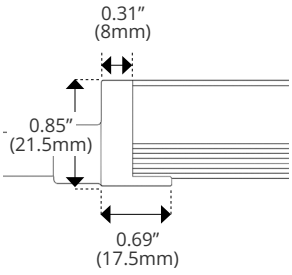
Location _____

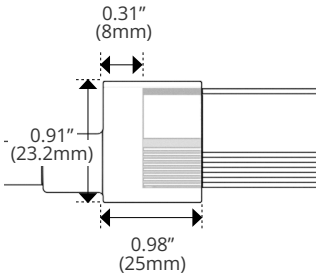
End Feed Options

Endurawave Narrow Series

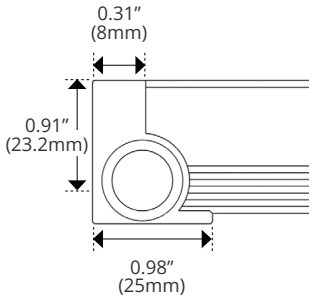
	IP67	IP68
Type	End Feed (**E**)	
Length Adder	0.31in (8mm)	0.31in (8mm)
Length	0.69in (17.5mm)	0.98in (25mm)
Width	0.85in (21.5mm)	0.91in (23.2mm)
Height	0.85in (21.5mm)	0.91in (23.2mm)

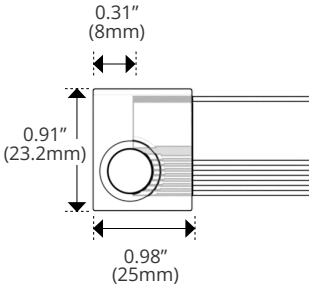






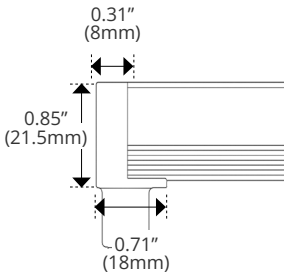

IP67	IP68
Side Feed Left (**SL**) / Side Feed Right (**SR**) *(SR Shown)*	
0.31in (8mm)	0.31in (8mm)
0.71in (18mm)	0.98in (25mm)
0.85in (21.5mm)	0.91in (23.2mm)
0.85in (21.5mm)	0.91in (23.2mm)

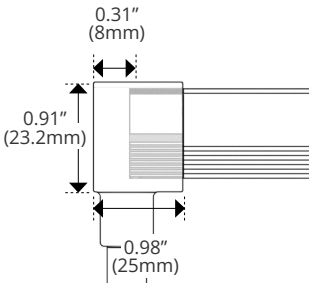






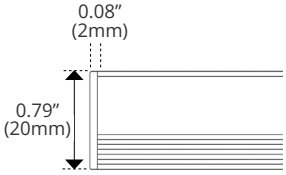

	IP67	IP68
Type	Back Feed (**B**)	
Length Adder	0.31in (8mm)	0.31in (8mm)
Length	0.71in (18mm)	0.98in (25mm)
Width	0.85in (21.5mm)	0.91in (23.2mm)
Height	0.85in (21.5mm)	0.91in (23.2mm)

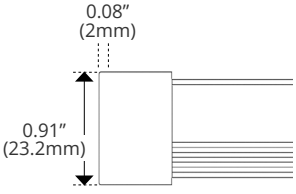







IP67	IP68
End Cap	
0.08in (2mm)	0.08in (2mm)
2mm	0.79in (20mm)
0.79in (20mm)	0.91in (23.2mm)
0.79in (20mm)	0.91in (23.2mm)





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5% tolerance for all listed data

Fixture Type _____

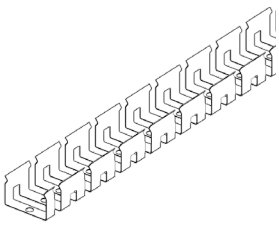
Project Name _____

Location _____

Mounting Options

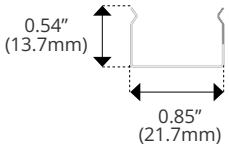
Endurawave Narrow Series

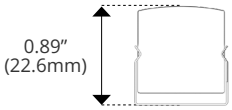
IMAGE	SPECIFICATIONS	MOUNTING DIMENSIONS	DIMENSIONS WITH PRODUCT

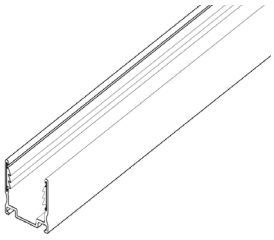


ENN-CH-SS-FLX-1M

Length	39.37in (1,000mm)
Width	0.85in (21.7mm)
Height	0.54in (13.7mm)

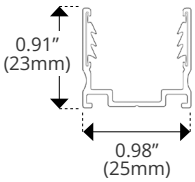


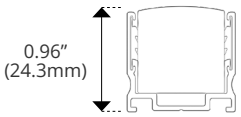


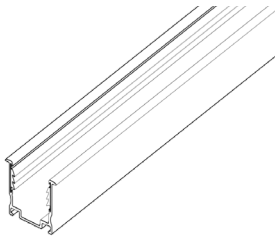


ENN-CH-AL-SR-2M

Length	78.74in (2,000mm)
Width	0.98in (25mm)
Height	0.91in (23mm)

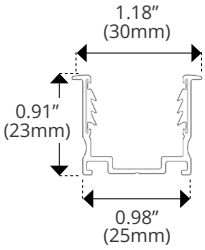


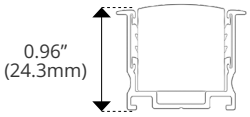


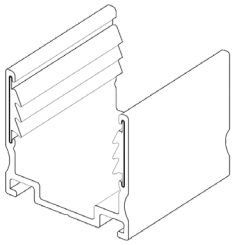


ENN-CH-AL-SR-RC-2M

Length	78.74in (2,000mm)
Width	1.18in (30mm)
Height	0.91in (23mm)

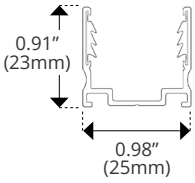


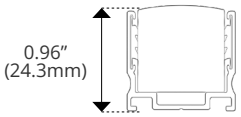




ENN-CLP-AL-SR

Length	1.38in (35mm)
Width	0.98in (25mm)
Height	0.91in (23mm)





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5% tolerance for all listed data

Fixture Type _____

Project Name _____

Location _____