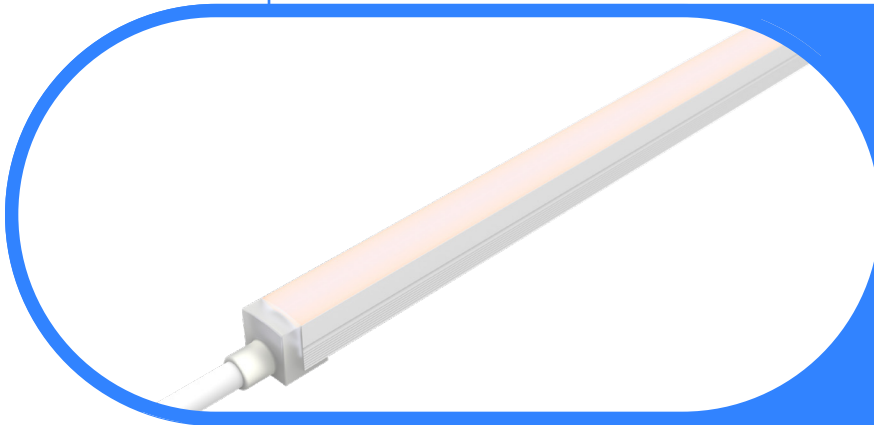




Complete Specification Sheet

Endurawave Narrow Color Tuning

FLEXIBLE
NEON



Endurawave Narrow Color Tuning

0.79" x 0.79" Narrow View

Flexible Neon



Specifications

Category	Flexible Neon
Series	Endurawave Narrow
Family	Color Tuning
Watts per Foot	4.4 W/ft (2.2 W/ft per channel)
Environment	IP67/IP68
CRI	90+
CCT Options	1800K - 3500K, 2200K - 4000K
Input Voltage	24V DC
Width	0.79in (20mm)
Height	0.79in (20mm)
Max Run Length	16.4ft (5m)
Cut Intervals	0.94in (23.81mm)
Feed Orientation	Bottom Feed, End Feed, Side Right, Side Left
Material	Silicone
Bend Diameter	V: 11.81in (300mm) / H: 19.69in (500mm)
Bend Direction	3D Bend (Horizontal and Vertical)
Beam Angle	115°
Lumens per Foot	191 - 226 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 Options¹	0-10V, DMX

¹Specific 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 _____



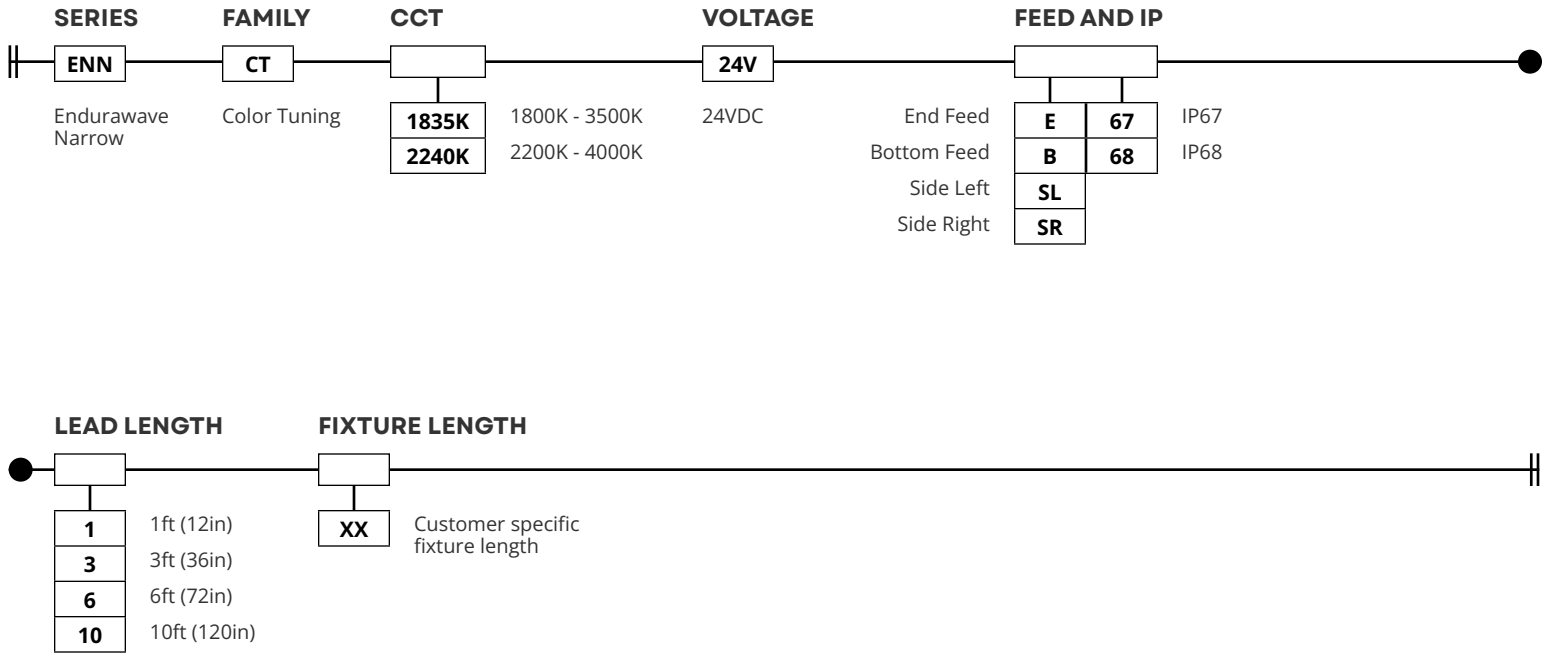
Product Code Builder

Endurawave Narrow Color Tuning

FLEXIBLE
NEON

Product Code Builder

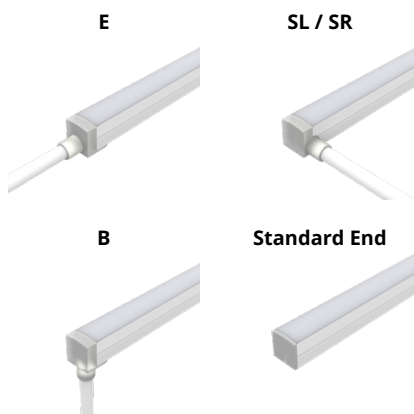
Example: ENN-CT-1835K-24V-E67-1-10



CCT

CCT	Lumens per Foot
18K	84 lm
35K	110 lm
18K-35K	191 lm
22K	112 lm
40K	118 lm
22K-40K	226 lm

FEED TYPE



IP RATING



LEAD LENGTH

Description	Wire Gauge
3 Conductor Leader (1ft)	3 x 18AWG
3 Conductor Leader (3ft)	3 x 18AWG
3 Conductor Leader (6ft)	3 x 18AWG
3 Conductor Leader (10ft)	3 x 18AWG

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Fixture Type _____

Project Name _____

Location _____

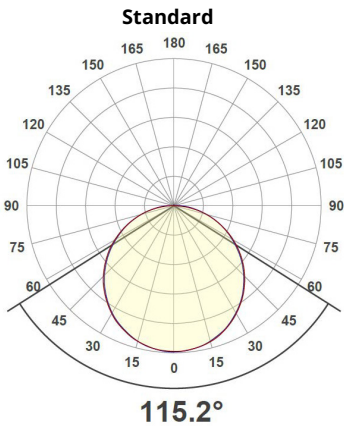


Product Details

Endurawave Narrow Color Tuning

FLEXIBLE
NEON

Photometrics



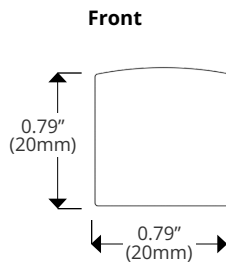
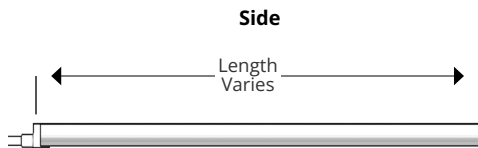
Performance

CCT	Range	Lumens per Foot	CRI	Input Voltage	W/ft
18K-35K	All On	191 lm	90+	24 VDC	4.4 W
	18K	84 lm			
	35K	110 lm			
22K-40K	All On	226 lm			
	22K	112 lm			
	40K	118 lm			

Leader Cables

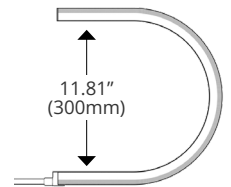
Description	Ordering Code	Length	Wire Gauge
3 Conductor Leader Cable (1ft)	1	1 ft	3 x 18AWG
3 Conductor Leader Cable (3ft)	3	3 ft	3 x 18AWG
3 Conductor Leader Cable (6ft)	6	6 ft	3 x 18AWG
3 Conductor Leader Cable (10ft)	10	10 ft	3 x 18AWG

Dimensions

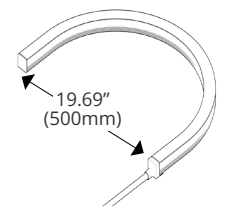


Bend Direction

Vertical Bend Diameter



Horizontal Bend Diameter



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5% tolerance for all listed data

Fixture Type _____

Project Name _____

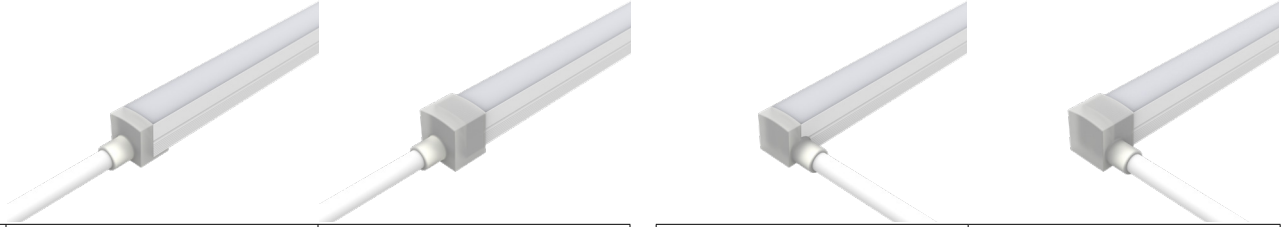
Location _____



End Feed Options

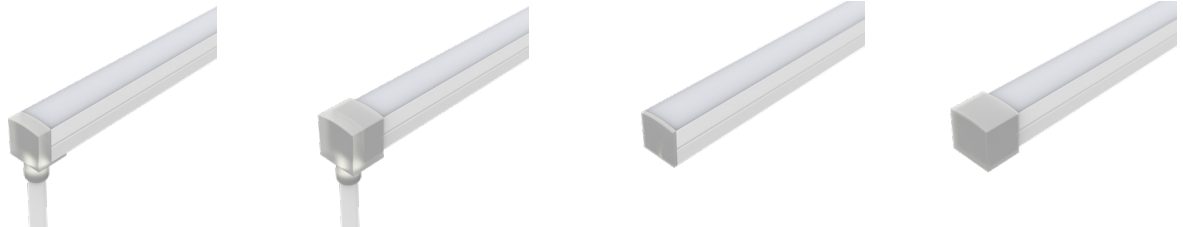
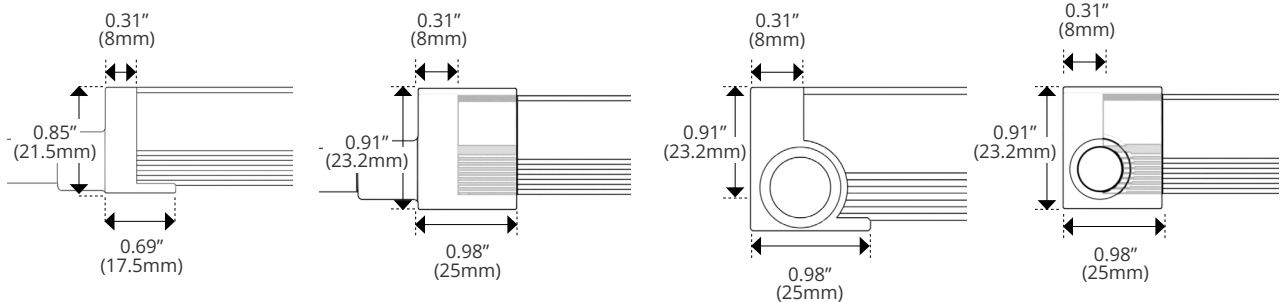
Endurawave Narrow Series

FLEXIBLE
NEON



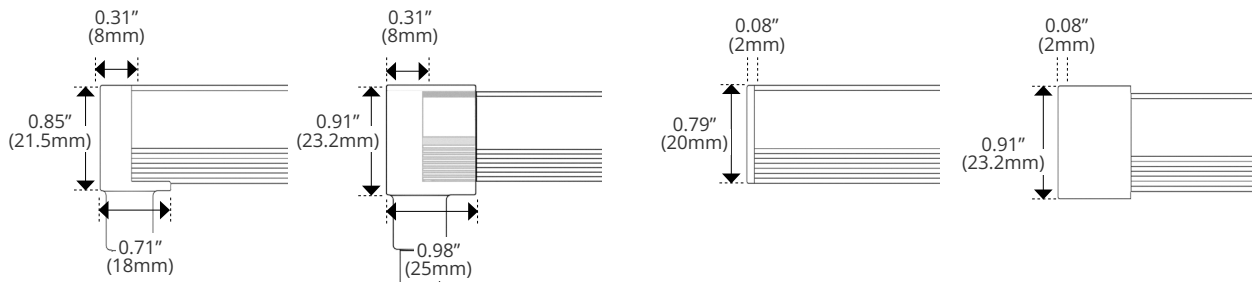
	IP67	IP68
Type	End Feed (E)	
Length Adder	0.31in (8mm)	0.31in (8mm)
Length	0.69in (17.5mm)	0.98in (25mm)
Width	0.85in (21.5mm)	0.91in (23.2mm)
Height	0.85in (21.5mm)	0.91in (23.2mm)

	IP67	IP68
Type	Side Feed Left (SL) / Side Feed Right (SR) (SR Shown)	
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
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
Type	End Cap	
Length Adder	0.08in (2mm)	0.08in (2mm)
Length	2mm	0.79in (20mm)
Width	0.79in (20mm)	0.91in (23.2mm)
Height	0.79in (20mm)	0.91in (23.2mm)



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Fixture Type _____

Project Name _____

Location _____



Mounting Options

Endurawave Narrow Series

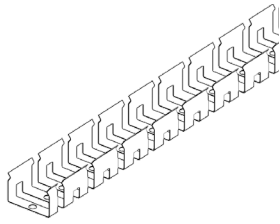
FLEXIBLE
NEON

IMAGE

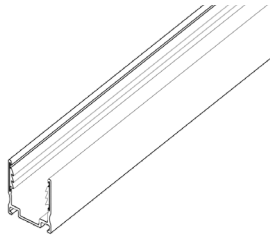
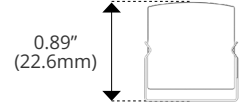
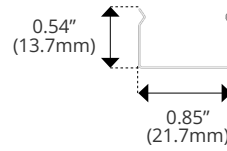
SPECIFICATIONS

MOUNTING DIMENSIONS

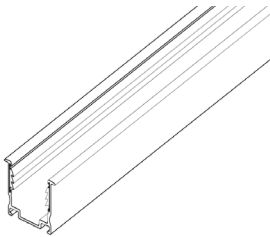
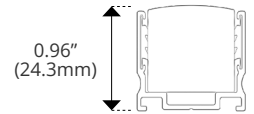
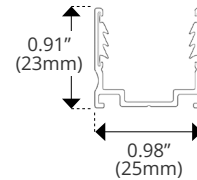
DIMENSIONS WITH PRODUCT



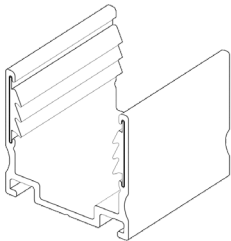
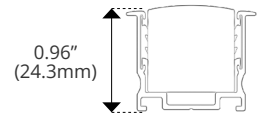
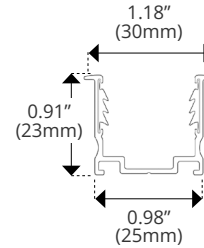
ENN-CH-SS-FLX-1M	
Length	39.37in (1,000mm)
Width	0.85in (21.7mm)
Height	0.54in (13.7mm)



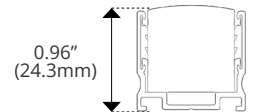
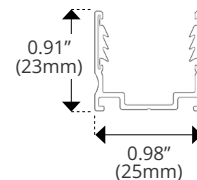
ENN-CH-AL-SR-2M	
Length	78.74in (2,000mm)
Width	0.98in (25mm)
Height	0.91in (23mm)



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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Fixture Type _____

Project Name _____

Location _____