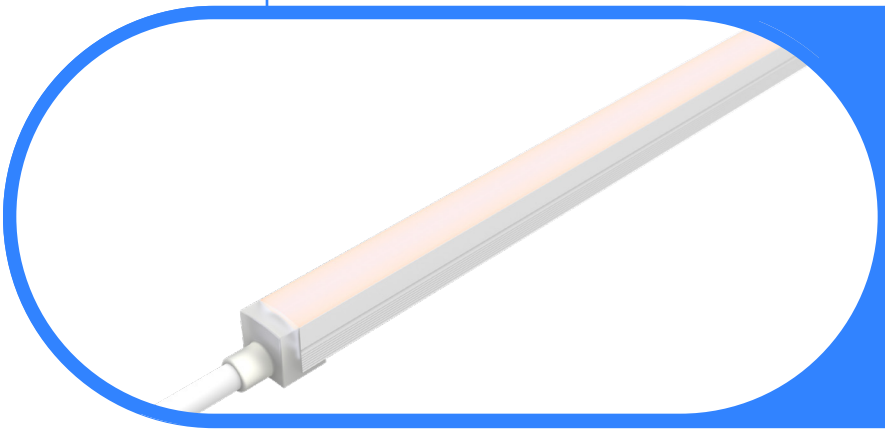
Complete Specification Sheet

Endurawave Narrow Color Tuning

FLEXIBLE NEON



Endurawave Narrow Color Tuning

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	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 Options[1]	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 Color Tuning

FLEXIBLE NEON

Product Code Builder

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

SERIES
- ENN — Endurawave Narrow

FAMILY
- CT — Color Tuning

CCT
- 1835K — 1800K - 3500K
- 2240K — 2200K - 4000K

VOLTAGE
- 24V — 24VDC

FEED AND IP

End Feed	E	67 (IP67)
Bottom Feed	B	68 (IP68)
Side Left	SL	
Side Right	SR	

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

FIXTURE LENGTH
- XX — Customer specific fixture length

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

E



SL / SR



B



Standard End



IP RATING

IP68



IP67



LEAD LENGTH

Description	Wire Gauge
3 Conductor Leader (1ft)	1 x 18AWG 2 x 20AWG
3 Conductor Leader (3ft)	1 x 18AWG 2 x 20AWG
3 Conductor Leader (6ft)	1 x 18AWG 2 x 20AWG
3 Conductor Leader (10ft)	1 x 18AWG 2 x 20AWG

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 _____

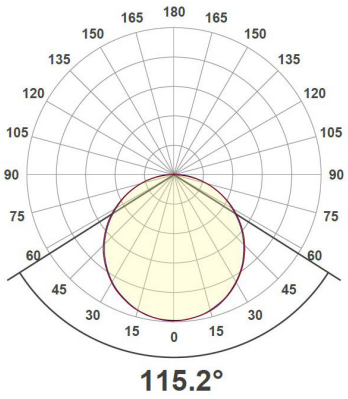
Product Details

Endurawave Narrow Color Tuning

FLEXIBLE NEON

Photometrics

Standard



Performance

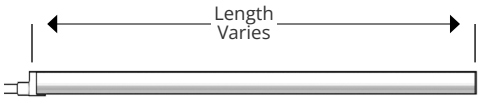
CCT	Range	Lumens per Foot	CRI	Input Voltage	W/ft
18K-35K	All On	191 lm	90+	24 VDC	4.4 W
	18K	84 lm			
	35K	110 lm			
22K-40K	All On	226 lm			
	22K	112 lm			
	40K	118 lm			

Leader Cables

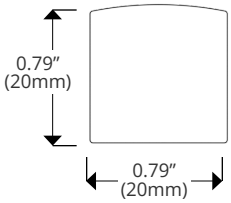
Description	Ordering Code	Length	Wire Gauge
3 Conductor Leader Cable (1ft)	1	1 ft	3 x 18AWG
3 Conductor Leader Cable (3ft)	3	3 ft	3 x 18AWG
3 Conductor Leader Cable (6ft)	6	6 ft	3 x 18AWG
3 Conductor Leader Cable (10ft)	10	10 ft	3 x 18AWG

Dimensions

Side

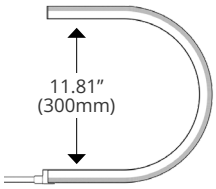


Front

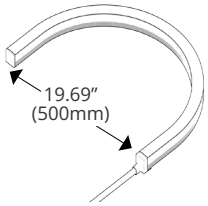


Bend Direction

Vertical Bend Diameter



Horizontal Bend Diameter



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

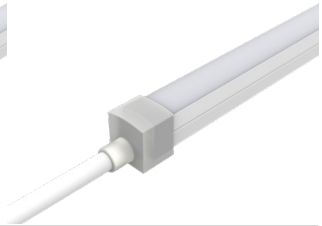
Fixture Type _____

Project Name _____

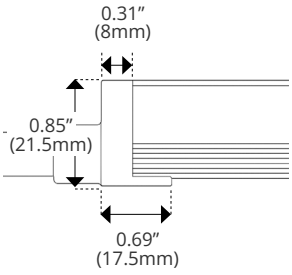
Location _____

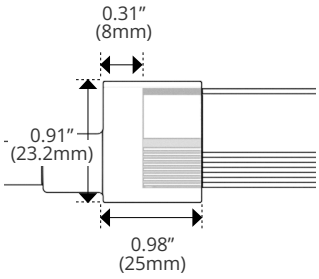
End Feed Options

Endurawave Narrow Series

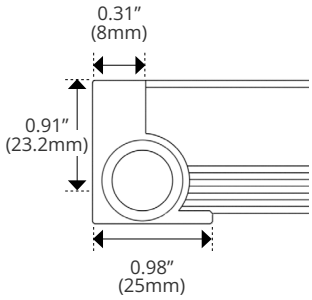
	IP67	IP68
Type	End Feed (**E**)	
Length Adder	0.31in (8mm)	0.31in (8mm)
Length	0.69in (17.5mm)	0.98in (25mm)
Width	0.85in (21.5mm)	0.91in (23.2mm)
Height	0.85in (21.5mm)	0.91in (23.2mm)

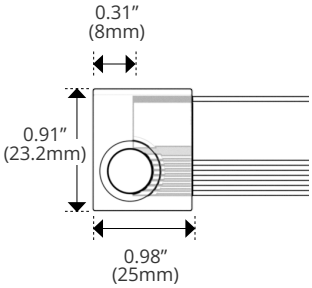






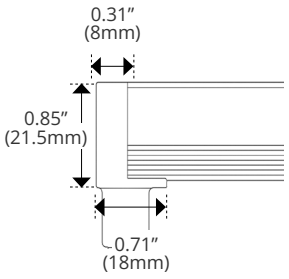

IP67	IP68
Side Feed Left (**SL**) / Side Feed Right (**SR**) *(SR Shown)*	
0.31in (8mm)	0.31in (8mm)
0.71in (18mm)	0.98in (25mm)
0.85in (21.5mm)	0.91in (23.2mm)
0.85in (21.5mm)	0.91in (23.2mm)

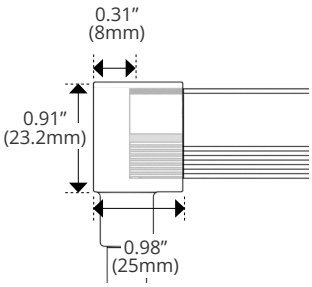






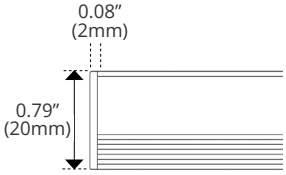

	IP67	IP68
Type	Back Feed (**B**)	
Length Adder	0.31in (8mm)	0.31in (8mm)
Length	0.71in (18mm)	0.98in (25mm)
Width	0.85in (21.5mm)	0.91in (23.2mm)
Height	0.85in (21.5mm)	0.91in (23.2mm)

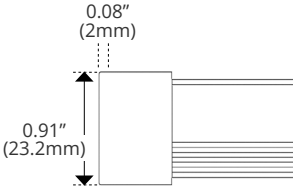







IP67	IP68
End Cap	
0.08in (2mm)	0.08in (2mm)
2mm	0.79in (20mm)
0.79in (20mm)	0.91in (23.2mm)
0.79in (20mm)	0.91in (23.2mm)





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 _____

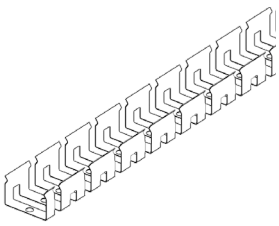
Project Name _____

Location _____

Mounting Options

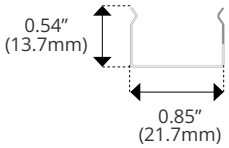
Endurawave Narrow Series

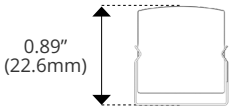
IMAGE	SPECIFICATIONS	MOUNTING DIMENSIONS	DIMENSIONS WITH PRODUCT

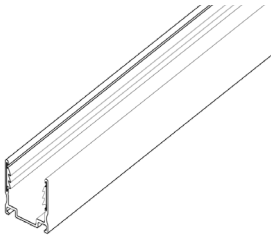


ENN-CH-SS-FLX-1M

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

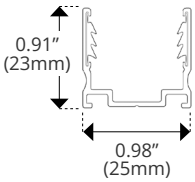


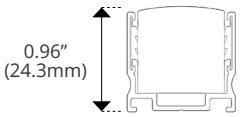


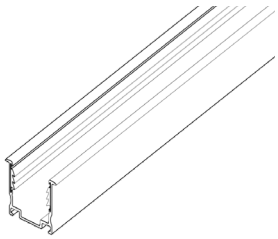


ENN-CH-AL-SR-2M

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

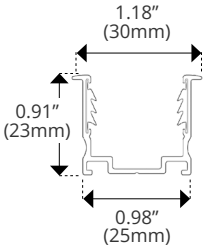


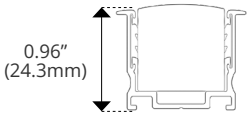


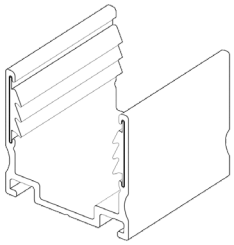


ENN-CH-AL-SR-RC-2M

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

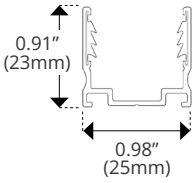


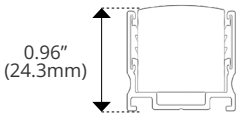




ENN-CLP-AL-SR

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





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 _____