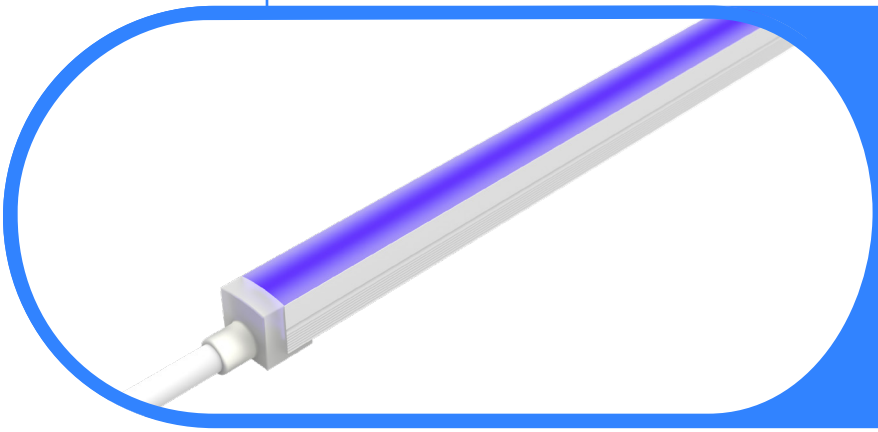
Complete Specification Sheet

Endurawave Narrow RGBW

FLEXIBLE NEON



Endurawave Narrow RGBW

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	RGBW
Watts per Foot	5.95 W
Environment	IP67/IP68
Color Options	RGBW-27K, RGBW-30K, RGBW-40K, RGBW-60K
Input Voltage	24V DC
Width	0.79in (20mm)
Height	0.79in (20mm)
Max Run Length	16.4ft (5m)
Cut Intervals	1.64in (41.67mm)
Feed Orientation	Bottom Feed, End Feed, Side Right, Side Left
Material	Silicone
Bend Diameter	V: 11.81" (300mm) / H: 31.50” (800mm)
Bend Direction	3D Bend (Horizontal and Vertical)
Beam Angle	115°
Lumens per Foot	169-175 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]	PWM, DMX

[1]Specific dimming protocol dependent upon driver compatibility.

Features

- Strong Tensile Strength
- 3D Bending Flexibility
- Wide Range of Controls Options
- 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 RGBW

FLEXIBLE NEON

Product Code Builder

Example: ENN-CC-RGBW2-24V-E67-1-10

SERIES

ENN	Endurawave Narrow

FAMILY

CC	Color Changing

COLOR

RGBW2	RGBW-2700K
RGBW3	RGBW-3000K
RGBW4	RGBW-4000K
RGBW6	RGBW-6000K

VOLTAGE

24V	24VDC

FEED AND IP

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

LEAD LENGTH

1	1ft (12in)
3	3ft (36in)
6	6ft (72in)
10	10ft (120in)

FIXTURE LENGTH

XX	Customer specific fixture length

COLOR

Color	Lumens per Foot
RGBW2	169 lm
RGBW3	169 lm
RGBW4	181 lm
RGBW6	175 lm

FEED TYPE

E



SL / SR (Shown)



B



Standard End



IP RATING

IP68



IP67



LEAD LENGTH

Description	Wire Gauge
5 Conductor Leader Cable (1ft)	1 x 16AWG 4 x 20AWG
5 Conductor Leader Cable (3ft)	1 x 16AWG 4 x 20AWG
5 Conductor Leader Cable (6ft)	1 x 16AWG 4 x 20AWG
5 Conductor Leader Cable (10ft)	1 x 16AWG 4 x 20AWG

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5% tolerance for all listed data

Fixture Type _____

Project Name _____

Location _____

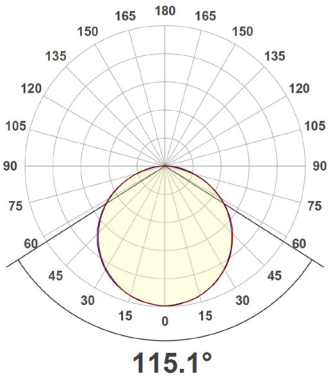
Product Details

Endurawave Narrow RGBW

FLEXIBLE NEON

Photometric

Standard



Performance

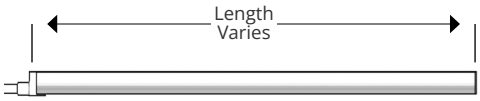
Color	CRI	Lumens per Foot	Input Voltage	W/ft
RGBW2	90+ (White)	169 lm	24VDC	5.95 W
RGBW3		169 lm		
RGBW4		181 lm		
RGBW6		175 lm		

Leader Cables

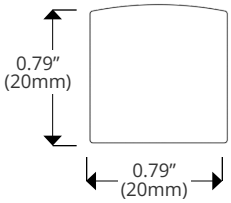
Description	Ordering Code	Length	Wire Gauge
5 Conductor Leader Cable (1ft)	1	1 ft	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (3ft)	3	3 ft	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (6ft)	6	6 ft	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (10ft)	10	10 ft	2 x 18AWG 3 x 22AWG

Dimensions

Side

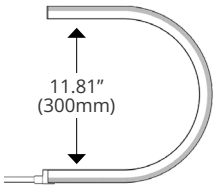


Front

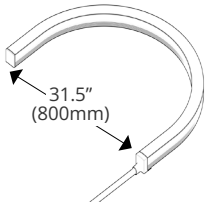


Bend Direction

Vertical Bend Diameter



Horizontal Bend Diameter



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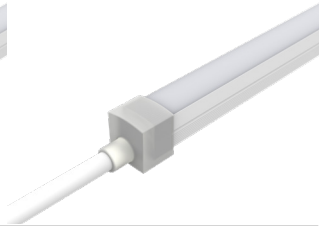
Fixture Type _____

Project Name _____

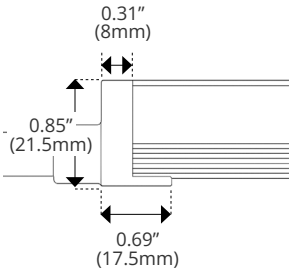
Location _____

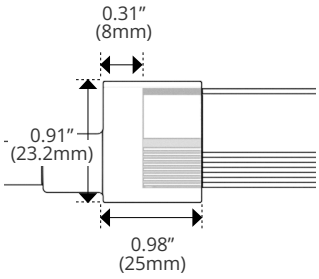
End Feed Options

Endurawave Narrow Series

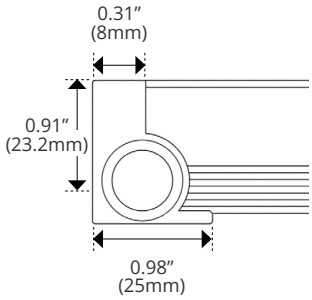
	IP67	IP68
Type	End Feed (**E**)	
Length Adder	0.31in (8mm)	0.31in (8mm)
Length	0.69in (17.5mm)	0.98in (25mm)
Width	0.85in (21.5mm)	0.91in (23.2mm)
Height	0.85in (21.5mm)	0.91in (23.2mm)

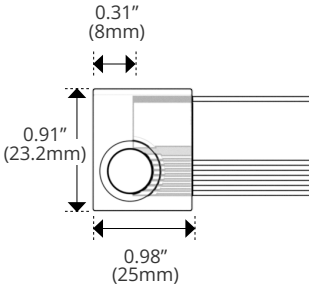






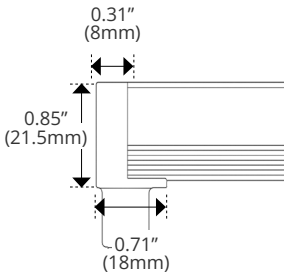

IP67	IP68
Side Feed Left (**SL**) / Side Feed Right (**SR**) *(SR Shown)*	
0.31in (8mm)	0.31in (8mm)
0.71in (18mm)	0.98in (25mm)
0.85in (21.5mm)	0.91in (23.2mm)
0.85in (21.5mm)	0.91in (23.2mm)

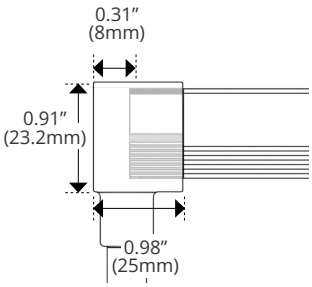






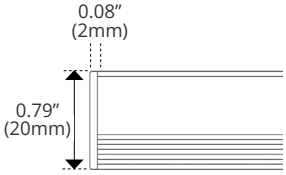

	IP67	IP68
Type	Back Feed (**B**)	
Length Adder	0.31in (8mm)	0.31in (8mm)
Length	0.71in (18mm)	0.98in (25mm)
Width	0.85in (21.5mm)	0.91in (23.2mm)
Height	0.85in (21.5mm)	0.91in (23.2mm)

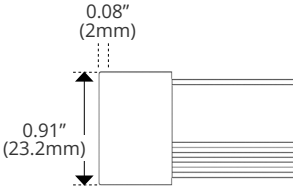







IP67	IP68
End Cap	
0.08in (2mm)	0.08in (2mm)
2mm	0.79in (20mm)
0.79in (20mm)	0.91in (23.2mm)
0.79in (20mm)	0.91in (23.2mm)





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5% tolerance for all listed data

Fixture Type _____

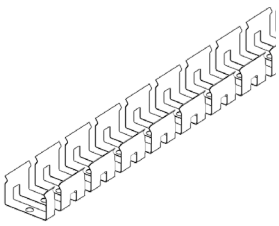
Project Name _____

Location _____

Mounting Options

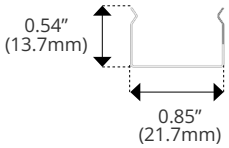
Endurawave Narrow Series

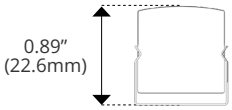
IMAGE	SPECIFICATIONS	MOUNTING DIMENSIONS	DIMENSIONS WITH PRODUCT

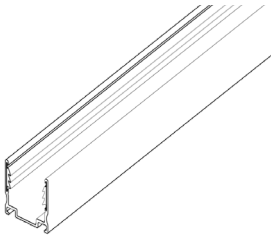


ENN-CH-SS-FLX-1M

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

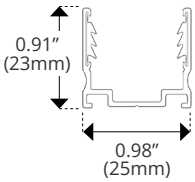


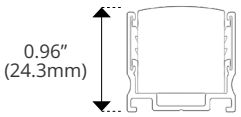


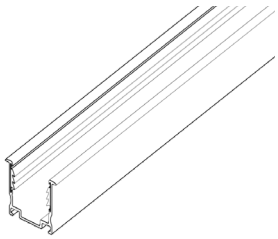


ENN-CH-AL-SR-2M

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

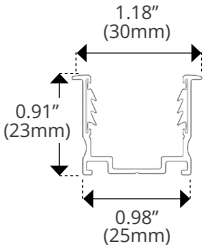


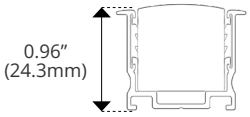


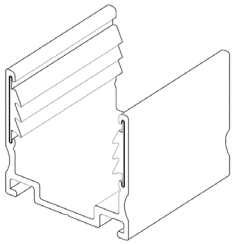


ENN-CH-AL-SR-RC-2M

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

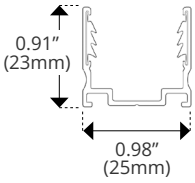


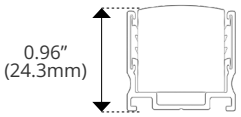




ENN-CLP-AL-SR

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 _____