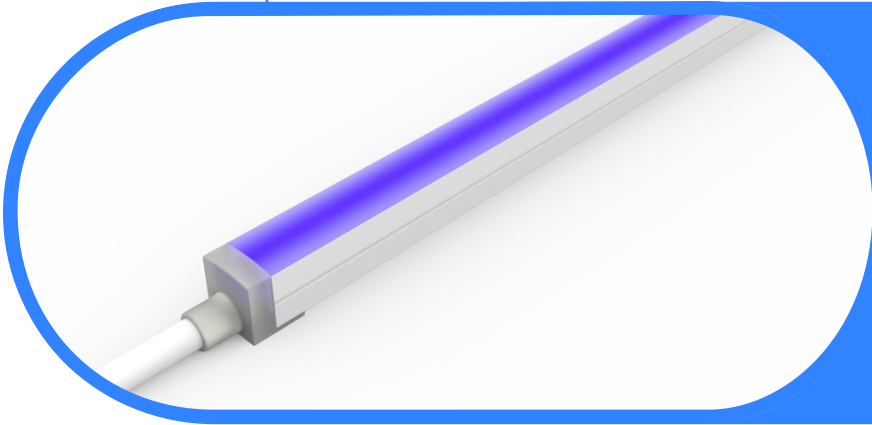




Complete Specification Sheet

EnduraWave Narrow RGBW

FLEXIBLE
NEON



EnduraWave Narrow RGBW

0.79" x 0.79" Narrow View
Flexible Neon



Specifications

Category	Flexible Neon
Series	Endurawave
Family	RGBW
Watts per Foot	5.95 W
IP Rating	IP67/IP68
Color Options	RGBW (W=2700K - 6000K)
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	11.81" (300mm) / 31.50" (800mm)
Bend Direction	3D Bending Flexibility
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	PWM, DMX

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



Kelvin reserves the right to update the product specifications at any time.
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 _____



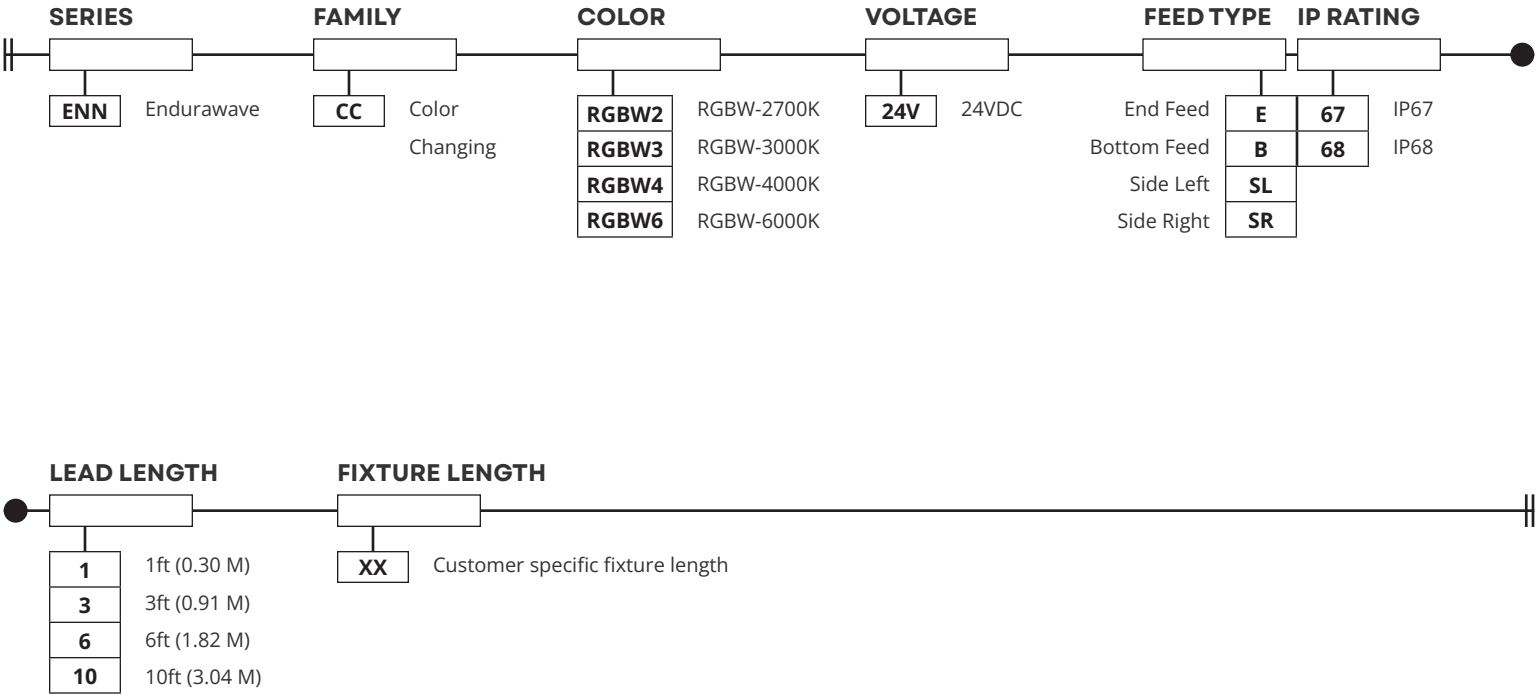
Product Code Builder

EnduraWave Narrow RGBW

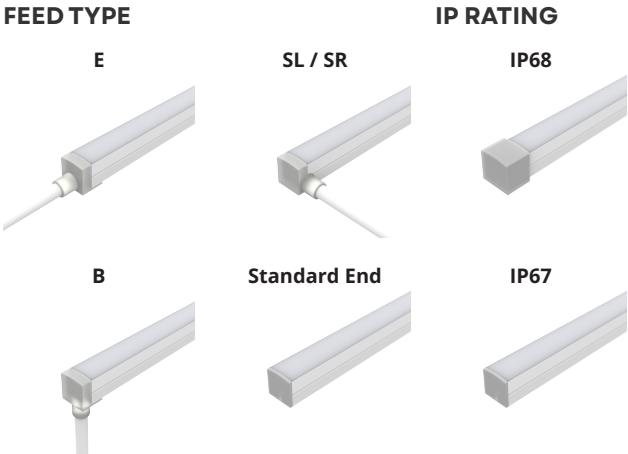
FLEXIBLE
NEON

Product Code Builder

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



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



LEAD LENGTH	
Description	Wire Gauge
5 Conductor Leader Cable (1ft)	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (3ft)	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (6ft)	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (10ft)	2 x 18AWG 3 x 22AWG

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5% tolerance for all listed data

Fixture Type _____

Project Name _____

Location _____

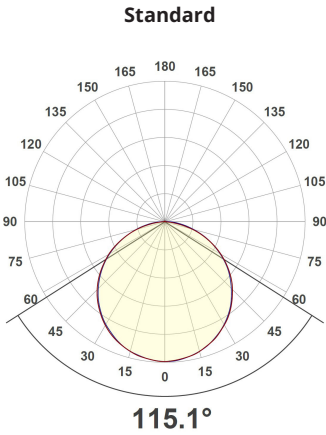


Product Details

EnduraWave Narrow RGBW

FLEXIBLE
NEON

Photometric



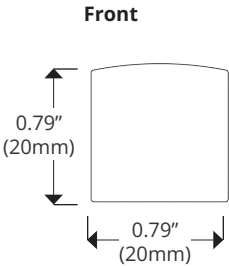
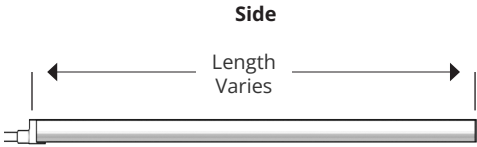
Performance

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

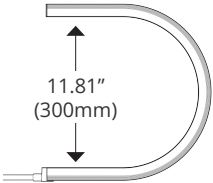
Description	Ordering Code	Length	Wire Gauge
5 Conductor Leader Cable (1ft)	1	1 ft	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (3ft)	3	3 ft	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (6ft)	6	6 ft	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (10ft)	10	10 ft	2 x 18AWG 3 x 22AWG

Dimensions

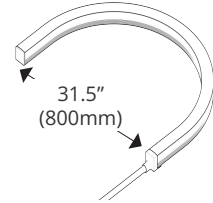


Bend Direction

Vertical
Bend Diameter



Horizontal
Bend Diameter



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5% tolerance for all listed data

Fixture Type _____

Project Name _____

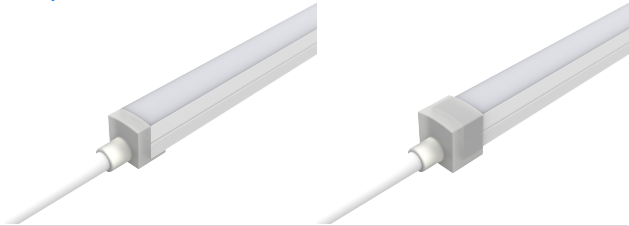
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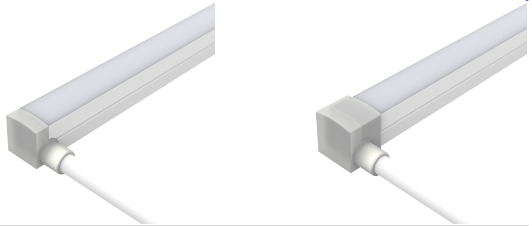
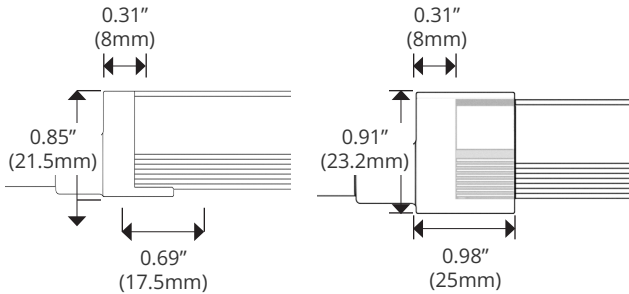
End Feed Options

EnduraWave Narrow

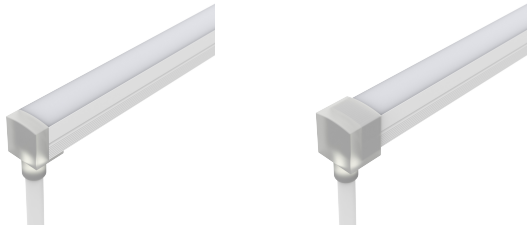
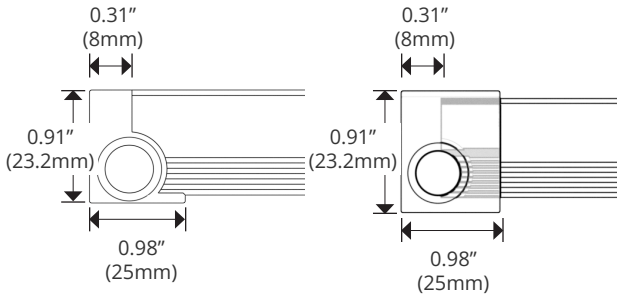
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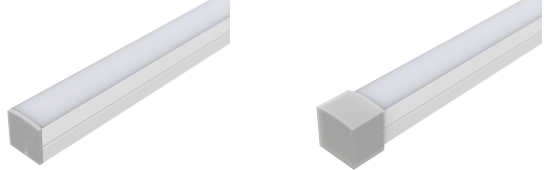
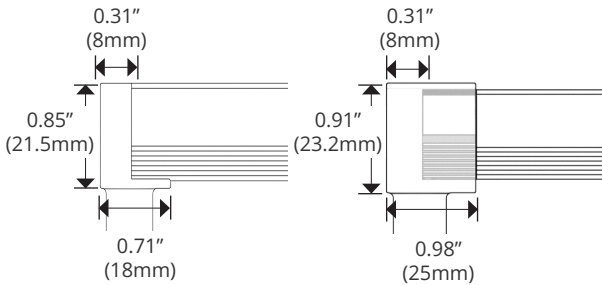
	IP67	IP68
Type	End Feed (E)	
Length Adder	8mm	8mm
Length	17.5mm	25mm
Width	21.5mm	23.2mm
Height	21.5mm	23.2mm



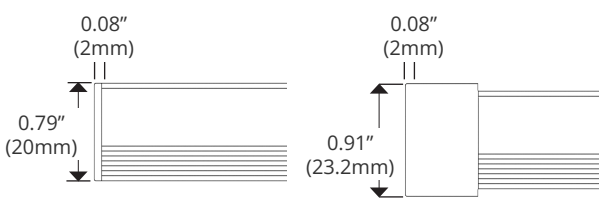
	IP67	IP68
Type	Side Feed Left (SL) / Side Feed Right (SR)	
Length Adder	8mm	8mm
Length	18mm	25mm
Width	21.5mm	23.2mm
Height	21.5mm	23.2mm



	IP67	IP68
Type	Back Feed (B)	
Length Adder	8mm	8mm
Length	18mm	25mm
Width	21.5mm	23.2mm
Height	21.5mm	23.2mm



	IP67	IP68
Type	End Cap (C)	
Length Adder	2mm	2mm
Length	2mm	20mm
Width	20mm	23.2mm
Height	20mm	23.2mm



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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 _____

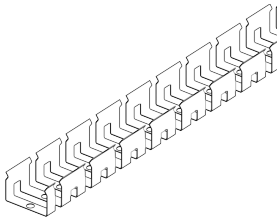
Location _____



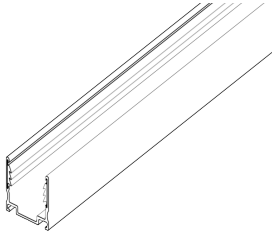
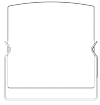
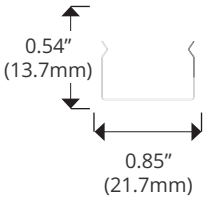
Mounting Options

EnduraWave Narrow

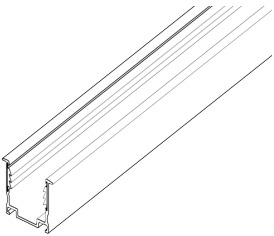
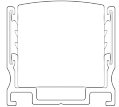
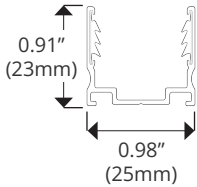
FLEXIBLE
NEON



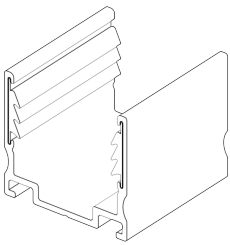
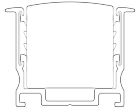
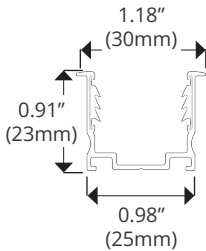
Type	ENN-CH-SS-FLX-1M
Length	39.37in (1,000mm)
Width	0.85in (21.7mm)
Height	0.54in (13.7mm)



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



Type	ENN-CH-AL-SR-RC-2M
Length	78.74in (2,000mm)
Width	1.18in (30mm)
Height	0.91in (23mm)



Type	ENN-CLP-AL-SR
Length	1.38in (35mm)
Width	0.87in (22.05mm)
Height	0.91in (23mm)

