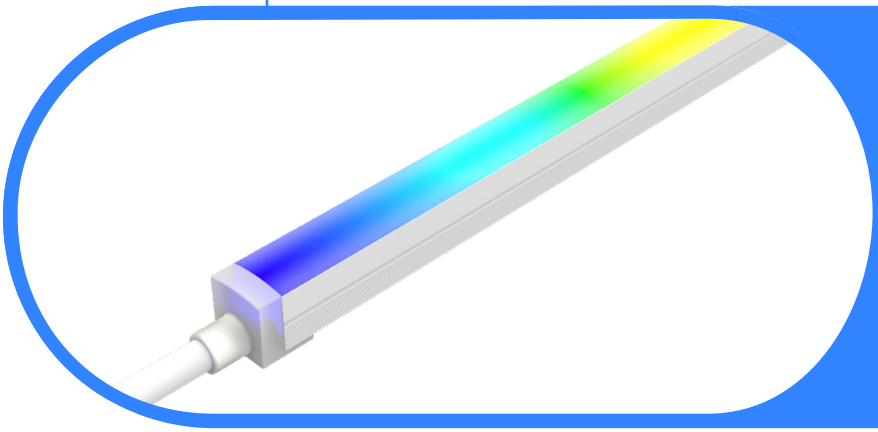
Complete Specification Sheet

Endurawave Narrow DMX Pixel

FLEXIBLE NEON



Endurawave Narrow DMX Pixel

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	DMX Pixel
Watts per Foot	5.88 W
IP Rating	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	16.41ft (5m)
Cut Interval / Pixel Size	1.97in (50mm)
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	113-125 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 Chip Type	TM512AC via Integral Decoder
Dimming Options	DMX512

Features

- Strong Tensile Strength
- RGBW Pixel control with DMX512
- TM512AC Chip
- Integral Decoder
- 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 DMX Pixel

FLEXIBLE NEON

Product Code Builder

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

SERIES	FAMILY	COLOR	VOLTAGE	FEED AND IP
ENN	TX		24V	
Endurawave Narrow	DMX Pixel		24VDC	

COLOR

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

FEED AND IP

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

LEAD LENGTH	FIXTURE LENGTH

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	109 lm
RGBW3	120 lm
RGBW4	108 lm
RGBW6	120 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 _____

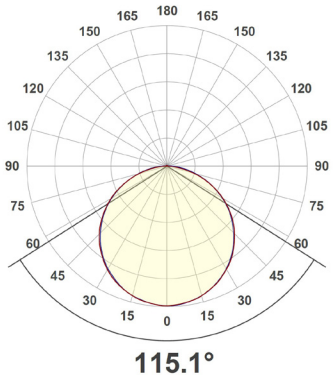
Product Details

Endurawave Narrow DMX Pixel

FLEXIBLE NEON

Photometric

Standard



Performance

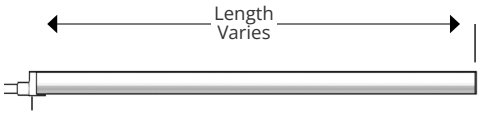
Color	CRI	Lumens per Foot	Input Voltage	W/ft
RGBW2	90+ (White)	169 lm	24VDC	5.95 W
RGBW3		169 lm		
RGBW4		181 lm		
RGBW6		175 lm		

Leader Cables

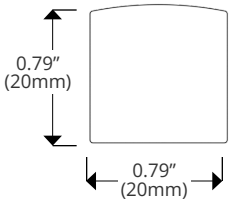
Description	Ordering Code	Length	Wire Gauge
5 Conductor Leader Cable (1ft)	1	1 ft	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (3ft)	3	3 ft	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (6ft)	6	6 ft	2 x 18AWG 3 x 22AWG
5 Conductor Leader Cable (10ft)	10	10 ft	2 x 18AWG 3 x 22AWG

Dimensions

Side

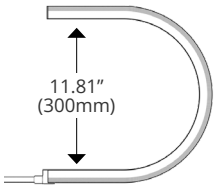


Front

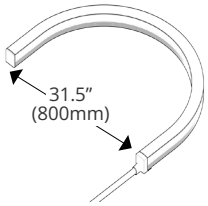


Bend Direction

Vertical Bend Diameter



Horizontal Bend Diameter



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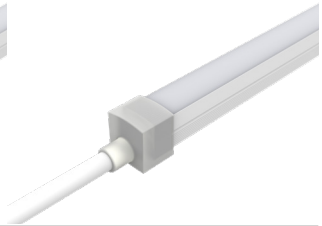
Fixture Type _____

Project Name _____

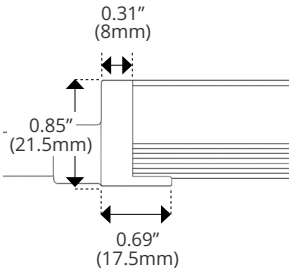
Location _____

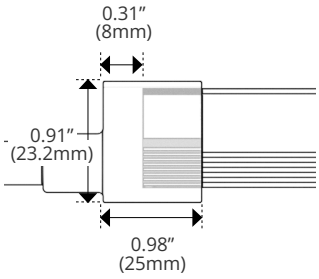
End Feed Options

Endurawave Narrow Series

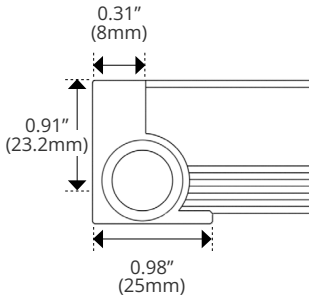
	IP67	IP68
Type	End Feed (**E**)	
Length Adder	0.31in (8mm)	0.31in (8mm)
Length	0.69in (17.5mm)	0.98in (25mm)
Width	0.85in (21.5mm)	0.91in (23.2mm)
Height	0.85in (21.5mm)	0.91in (23.2mm)

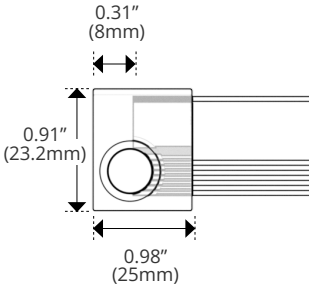






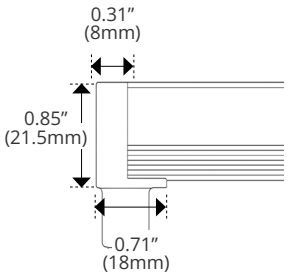

IP67	IP68
Side Feed Left (**SL**) / Side Feed Right (**SR**) *(SR Shown)*	
0.31in (8mm)	0.31in (8mm)
0.71in (18mm)	0.98in (25mm)
0.85in (21.5mm)	0.91in (23.2mm)
0.85in (21.5mm)	0.91in (23.2mm)

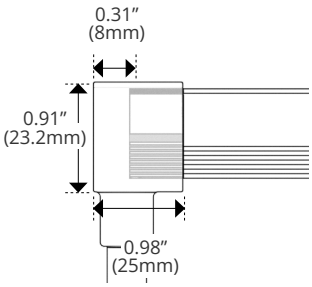






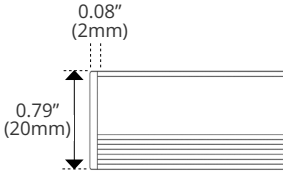

	IP67	IP68
Type	Back Feed (**B**)	
Length Adder	0.31in (8mm)	0.31in (8mm)
Length	0.71in (18mm)	0.98in (25mm)
Width	0.85in (21.5mm)	0.91in (23.2mm)
Height	0.85in (21.5mm)	0.91in (23.2mm)

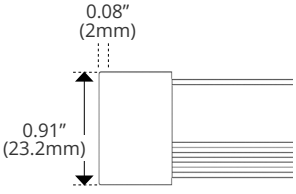







IP67	IP68
End Cap	
0.08in (2mm)	0.08in (2mm)
2mm	0.79in (20mm)
0.79in (20mm)	0.91in (23.2mm)
0.79in (20mm)	0.91in (23.2mm)





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5% tolerance for all listed data

Fixture Type _____

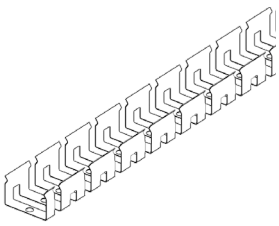
Project Name _____

Location _____

Mounting Options

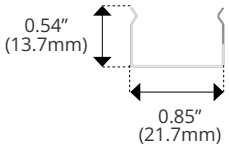
Endurawave Narrow Series

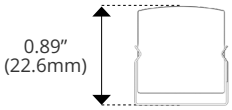
IMAGE	SPECIFICATIONS	MOUNTING DIMENSIONS	DIMENSIONS WITH PRODUCT

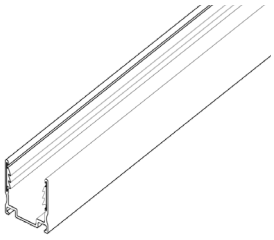


ENN-CH-SS-FLX-1M

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

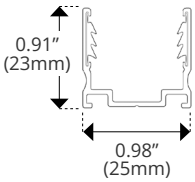


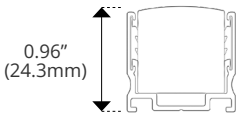


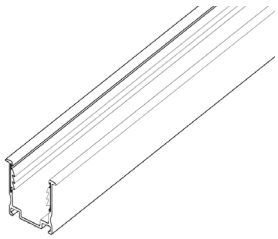


ENN-CH-AL-SR-2M

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

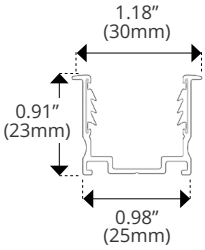


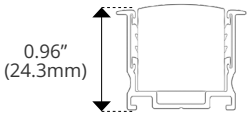


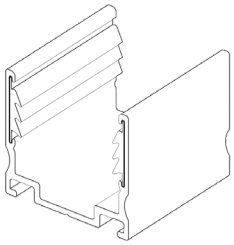


ENN-CH-AL-SR-RC-2M

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

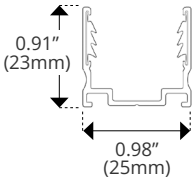


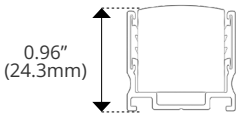




ENN-CLP-AL-SR

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 _____

Addressing Details

Endurawave Narrow DMX Pixel

IMAGE



SPECIFICATIONS

ENN-ADR

Length	3.93in (100.0mm)
Width	5.51in (140.0mm)
Height	1.57in (40.0mm)
Power	DC5-24V or integrated battery power. Rechargeable via USB-C
DMX Connectors	Terminal Block

DETAILS

Wired DMX Addressing device for use with Endurawave DMX Pixel Fixtures.

Note: All Endurawave DMX Pixel Fixtures will come factory preset to start at DMX address 1, with sequential addressing along the fixture.

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5% tolerance for all listed data

Fixture Type _____

Project Name _____

Location _____