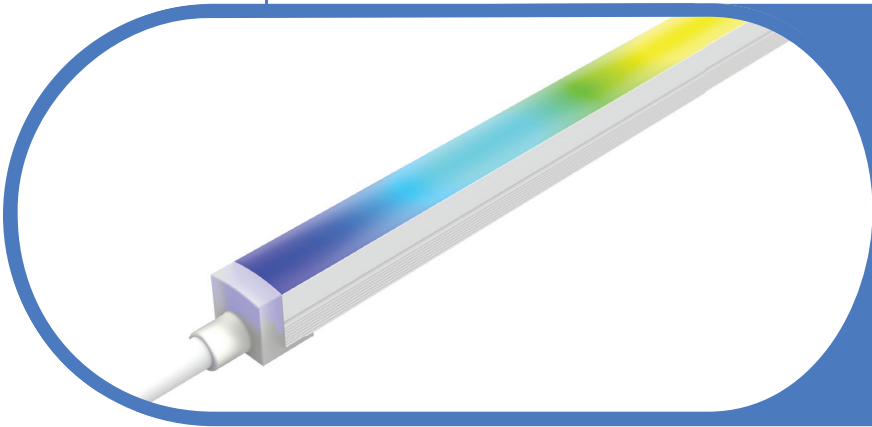




# Complete Specification Sheet

## EnduraWave Narrow DMX Pixel

FLEXIBLE  
NEON



### EnduraWave Narrow DMX Pixel

0.79" x 0.79" Narrow View  
Flexible Neon



### Specifications

|                  |                                                        |
|------------------|--------------------------------------------------------|
| Category         | Flexible Neon                                          |
| Series           | Endurawave                                             |
| 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 Intervals    | 1.97in (50mm)                                          |
| 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  | 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 Options  | DMX512 - Individually Controllable every 1.97in (50mm) |

### Features

- Strong Tensile Strength
- RGBW Pixel control with DMX512
- 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.  
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 \_\_\_\_\_



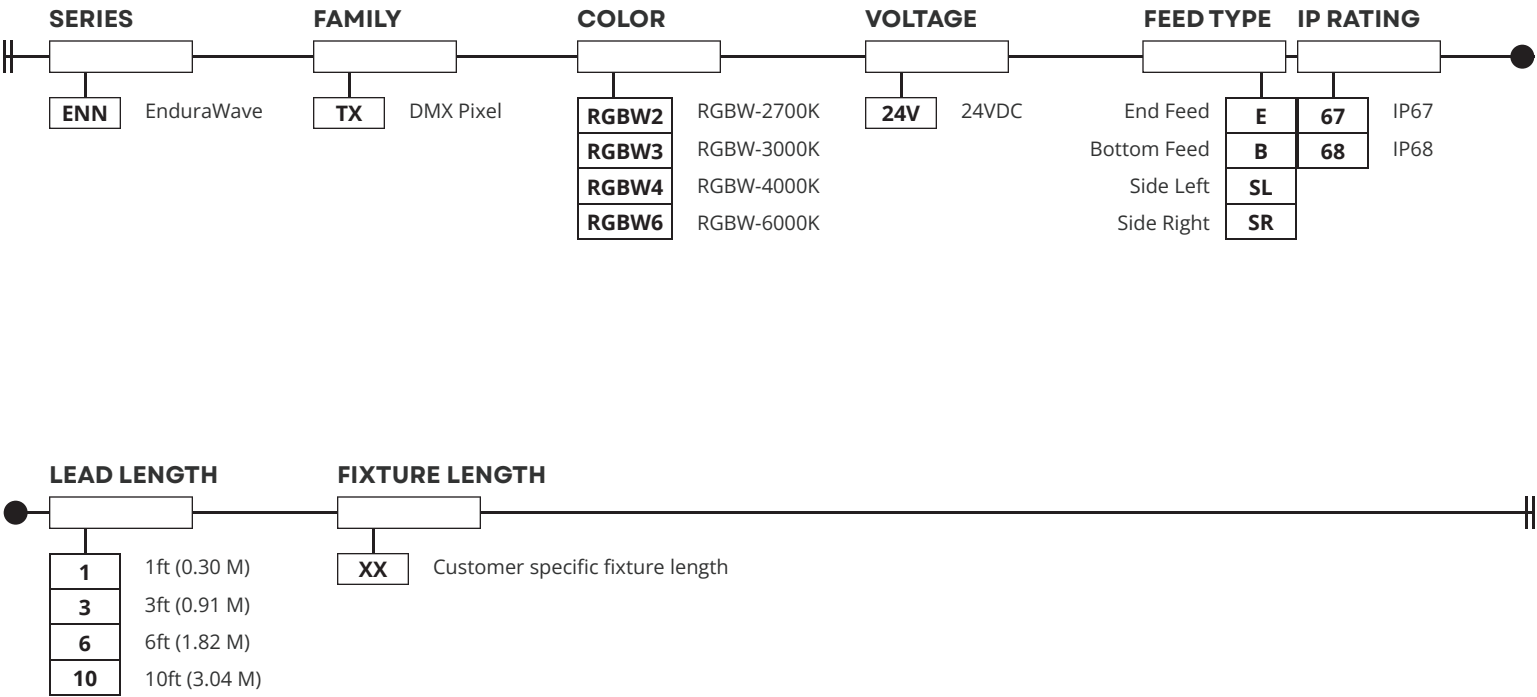
# Product Code Builder

## EnduraWave Narrow DMX Pixel

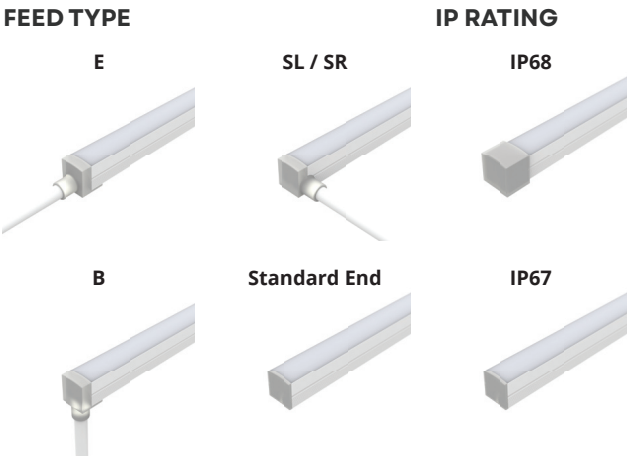
FLEXIBLE  
NEON

### Product Code Builder

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



| COLOR |                 |
|-------|-----------------|
| Color | Lumens per Foot |
| RGBW2 | 109 lm          |
| RGBW3 | 120 lm          |
| RGBW4 | 108 lm          |
| RGBW6 | 120 lm          |



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

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5% tolerance for all listed data

Fixture Type \_\_\_\_\_

Project Name \_\_\_\_\_

Location \_\_\_\_\_

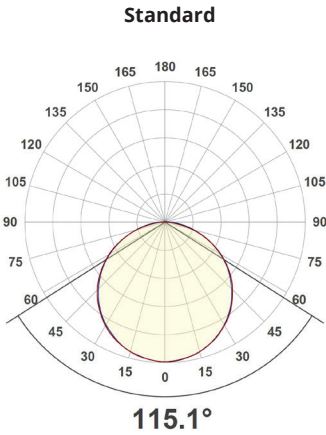


# Product Details

## EnduraWave Narrow DMX Pixel

FLEXIBLE  
NEON

### Photometric



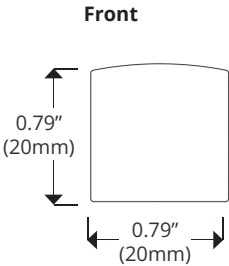
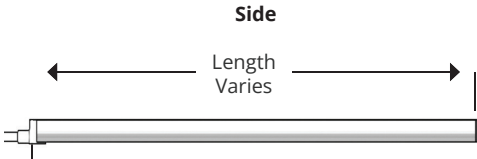
### Performance

| 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

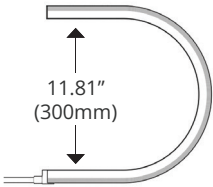
| Description                     | Ordering Code | Length | Wire Gauge             |
|---------------------------------|---------------|--------|------------------------|
| 5 Conductor Leader Cable (1ft)  | 1             | 1 ft   | 2 x 18AWG<br>3 x 22AWG |
| 5 Conductor Leader Cable (3ft)  | 3     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

### Dimensions

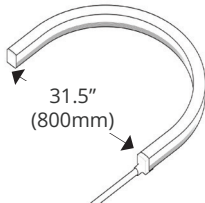


### Bend Direction

Vertical  
Bend Diameter



Horizontal  
Bend Diameter



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5% tolerance for all listed data

Fixture Type \_\_\_\_\_

Project Name \_\_\_\_\_

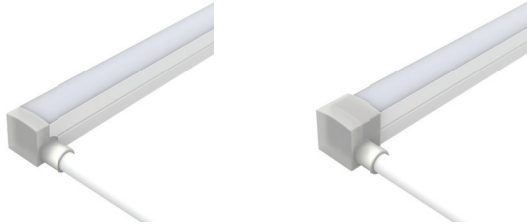
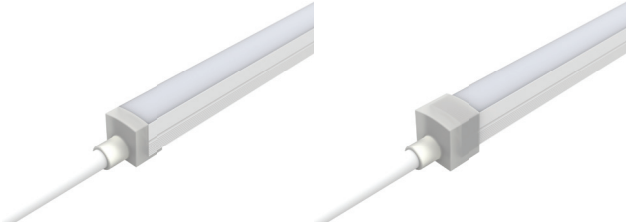
Location \_\_\_\_\_



# End Feed Options

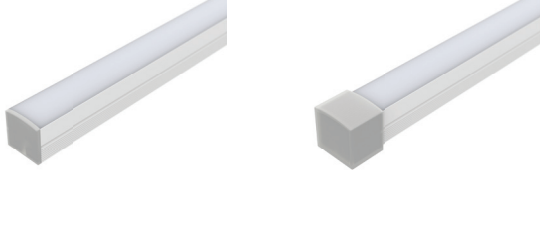
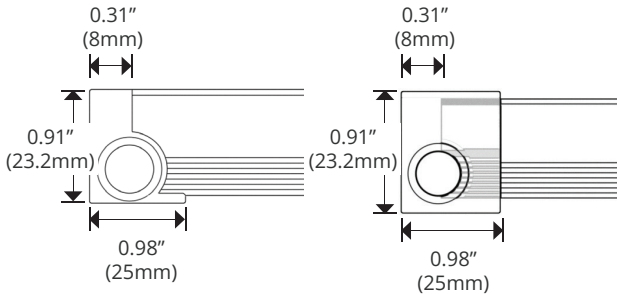
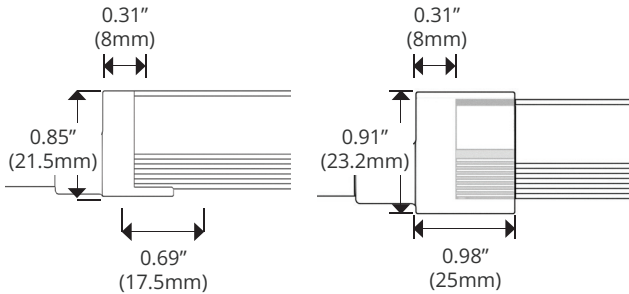
## EnduraWave Narrow

FLEXIBLE  
NEON



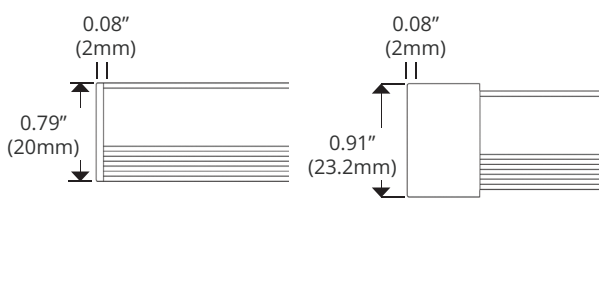
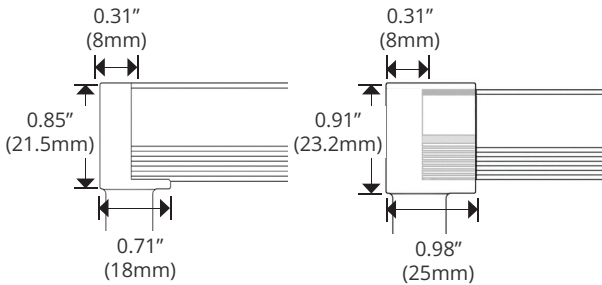
|              | IP67         | IP68   |
|--------------|--------------|--------|
| Type         | End Feed (E) |        |
| Length Adder | 8mm          | 8mm    |
| Length       | 17.5mm       | 25mm   |
| Width        | 21.5mm       | 23.2mm |
| Height       | 21.5mm       | 23.2mm |

|  | IP67                                       | IP68   |
|--|--------------------------------------------|--------|
|  | Side Feed Left (SL) / Side Feed Right (SR) |        |
|  | 8mm                                        | 8mm    |
|  | 18mm                                       | 25mm   |
|  | 21.5mm                                     | 23.2mm |
|  | 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   |
|--|-------------|--------|
|  | End Cap (C) |        |
|  | 2mm         | 2mm    |
|  | 2mm         | 20mm   |
|  | 20mm        | 23.2mm |
|  | 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 \_\_\_\_\_

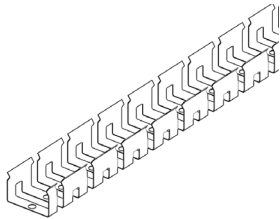
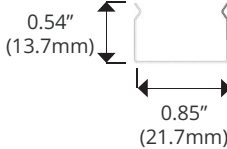
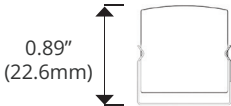
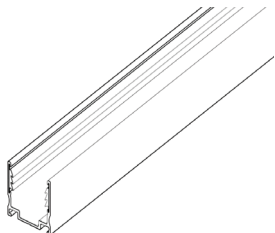
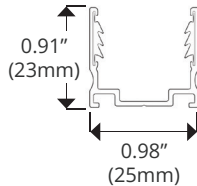
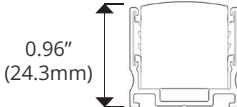
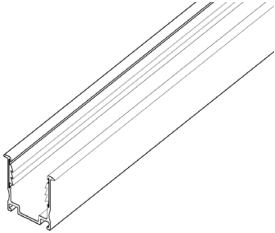
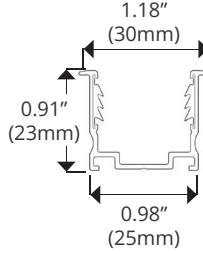
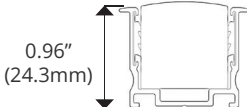
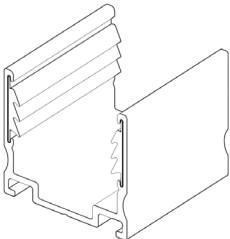
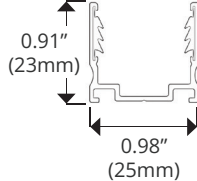
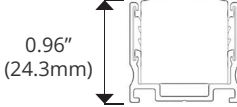
Location \_\_\_\_\_



# Mounting Options

## EnduraWave Narrow

FLEXIBLE  
NEON

| IMAGE                                                                               | SPECIFICATIONS                                                                                                                                                                                                  | MOUNTING DIMENSIONS | DIMENSIONS WITH PRODUCT |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------|--------|-------------------|-------|-----------------|--------|-----------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    | <table><tr><td>Type</td><td>ENN-CH-SS-FLX-1M</td></tr><tr><td>Length</td><td>39.37in (1,000mm)</td></tr><tr><td>Width</td><td>0.85in (21.7mm)</td></tr><tr><td>Height</td><td>0.54in (13.7mm)</td></tr></table> | Type                | ENN-CH-SS-FLX-1M        | Length | 39.37in (1,000mm) | Width | 0.85in (21.7mm) | Height | 0.54in (13.7mm) |    |    |
| Type                                                                                | ENN-CH-SS-FLX-1M                                                                                                                                                                                                |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Length                                                                              | 39.37in (1,000mm)                                                                                                                                                                                               |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Width                                                                               | 0.85in (21.7mm)                                                                                                                                                                                                 |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Height                                                                              | 0.54in (13.7mm)                                                                                                                                                                                                 |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
|    | <table><tr><td>Type</td><td>ENN-CH-AL-SR-2M</td></tr><tr><td>Length</td><td>78.74in (2,000mm)</td></tr><tr><td>Width</td><td>0.98in (25mm)</td></tr><tr><td>Height</td><td>0.91in (23mm)</td></tr></table>      | Type                | ENN-CH-AL-SR-2M         | Length | 78.74in (2,000mm) | Width | 0.98in (25mm)   | Height | 0.91in (23mm)   |    |    |
| Type                                                                                | ENN-CH-AL-SR-2M                                                                                                                                                                                                 |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Length                                                                              | 78.74in (2,000mm)                                                                                                                                                                                               |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Width                                                                               | 0.98in (25mm)                                                                                                                                                                                                   |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Height                                                                              | 0.91in (23mm)                                                                                                                                                                                                   |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
|   | <table><tr><td>Type</td><td>ENN-CH-AL-SR-RC-2M</td></tr><tr><td>Length</td><td>78.74in (2,000mm)</td></tr><tr><td>Width</td><td>1.18in (30mm)</td></tr><tr><td>Height</td><td>0.91in (23mm)</td></tr></table>   | Type                | ENN-CH-AL-SR-RC-2M      | Length | 78.74in (2,000mm) | Width | 1.18in (30mm)   | Height | 0.91in (23mm)   |   |   |
| Type                                                                                | ENN-CH-AL-SR-RC-2M                                                                                                                                                                                              |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Length                                                                              | 78.74in (2,000mm)                                                                                                                                                                                               |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Width                                                                               | 1.18in (30mm)                                                                                                                                                                                                   |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Height                                                                              | 0.91in (23mm)                                                                                                                                                                                                   |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
|  | <table><tr><td>Type</td><td>ENN-CLP-AL-SR</td></tr><tr><td>Length</td><td>1.38in (35mm)</td></tr><tr><td>Width</td><td>0.98in (25mm)</td></tr><tr><td>Height</td><td>0.91in (23mm)</td></tr></table>            | Type                | ENN-CLP-AL-SR           | Length | 1.38in (35mm)     | Width | 0.98in (25mm)   | Height | 0.91in (23mm)   |  |  |
| Type                                                                                | ENN-CLP-AL-SR                                                                                                                                                                                                   |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Length                                                                              | 1.38in (35mm)                                                                                                                                                                                                   |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Width                                                                               | 0.98in (25mm)                                                                                                                                                                                                   |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |
| Height                                                                              | 0.91in (23mm)                                                                                                                                                                                                   |                     |                         |        |                   |       |                 |        |                 |                                                                                      |                                                                                       |

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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