

## NANO FLEX RGBW

Nano Flex RGBW is a large 24V color changing flexible silicone grazer tube. Nano Flex RGBW is available with 2700K or 4000K Static White LEDs for varied warmth. Program it by the pixel with DMX or SPI controls. Dual bending capabilities (side- and top-bending!) make it an amazing solution for complex color changing grazer applications in hospitality, landscape and architectural settings. Choose from end, side or bottom power feed.

- 7.6 W/ft (25 W/m)
- Pixel RGBW (2700K, 4000K)
- 355 lm/ft (1165 lm/m) all on
- Programmable pixels: 6 LEDs/9.84 in. (250 mm)
- Choose DMX or SPI controls
- 1.64 in. (41.67 mm) LED spacing
- 16 ft 4.85 in. (5 m) max. length (single feed)
- 5.9 in. (150 mm) minimum bending radius
- Beam angles: 25x25°, 30x30°, 40x40°, 50x50°, 25x50°, 45xAsymmetric 30°
- Available in white or black housing
- Use with mounting clip, mounting channel, curved mounting channel, tiltable stand



## ORDERING GUIDE

Category	IP Rating	Wattage	Color Temperature	Beam Angles	Housing Color	Power Feed	Control*
<b>NANOFLEX</b>	<b>67</b>	<b>7.6</b>					
NANOFLEX - Nano Flex	67 - IP67	7.6 - 7.6 W/ft (25 W/m)	<b>RGB27ADD</b> - Pixel RGBW (2700K) <b>RGB40ADD</b> - Pixel RGBW (4000K)	<b>25</b> - 25x25° <b>30</b> - 30x30° <b>40</b> - 40x40° <b>50</b> - 50x50° <b>2550</b> - 25x50° <b>45A30</b> - 45xAsymmetric 30°	<b>WH</b> - White <b>BK</b> - Black	<b>B</b> - Bottom Feed <b>S</b> - Side Feed <b>E</b> - End Feed	<b>S</b> - SPI

\* For SPI models only

## ACCESSORIES (see page 2 for details)

### 1. Mounting Clip

Recommended for curved applications  
Part #: NANOFLEXCLIP

### 3. Curved Mounting Channel

Recommended for curved applications  
Part #: NANOFLEXCHANNELS

### 2. Mounting Channel

Recommended for all straight run applications  
Part #: NANOFLEXCHANNEL

### 4. Tiltable Stand

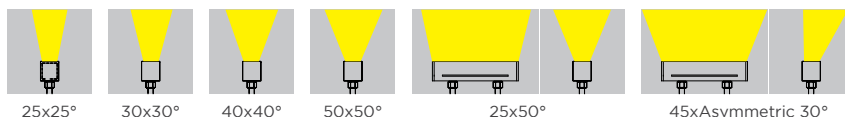
Use with mounting clips or mounting channels  
Part #: NANOFLEXTILTSTAND

## AVAILABLE COLORS



RGBW

## AVAILABLE BEAM ANGLES



## USAGE GUIDELINES

Nano Flex RGBW grazers cannot be cut in the field. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of the waterproofing will result in a voided warranty.

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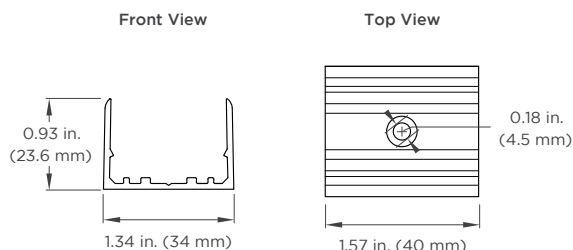
## SPECIFICATIONS

Operating Voltage	24 VDC
Power Consumption	7.6 W/ft (25 W/m)
Protection Rating	IP67
Impact Rating	IK07
Colors	RGBW (2700K), RGBW (4000K)
Control	DMX or SPI
IC Code (for SPI only)	UCS2904
LED Quantity	7 LEDs/ft (24 LEDs/m)
LED Spacing	1.64 in. (41.67 mm)
LEDs per Pixel	6
Lumens	Red: 59 lm/ft (195 lm/m), Green: 125 lm/ft (410 lm/m), Blue: 26 lm/ft (84 lm/m), White: 148 lm/ft (485 lm/m) All LEDs on: 355 lm/ft (1165 lm/m)
Beam Angle	25x25°, 30x30°, 40x40°, 50x50°, 25x50°, 45xAsymmetric 30°
Storage Temperature	-4 — 140 °F (-20 — 60 °C)
Operating Temperature	-4 — 113 °F (-20 — 45 °C)
Max Run Length	16 ft 4.85 in. (5 m)
Incremental Length	9.84 in. (250 mm) <b>NOT FIELD CUTTABLE</b>
Minimum Bend Radius	5.9 in. (150 mm)
CRI (white)	80+ CRI for white channel
Lifetime (L70 reported)	50,000 hours
Warranty	5 years

## MOUNTING ACCESSORIES

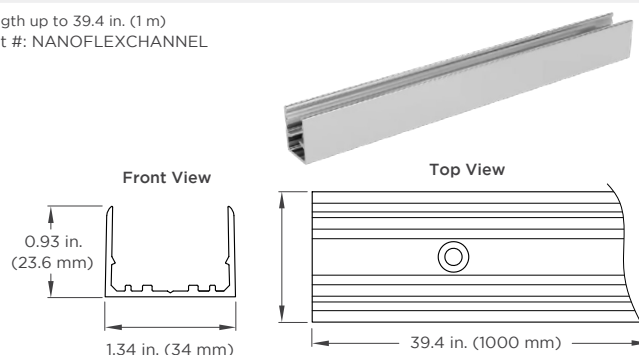
### 1. Mounting Clip

Part #: NANOFLEXCLIP



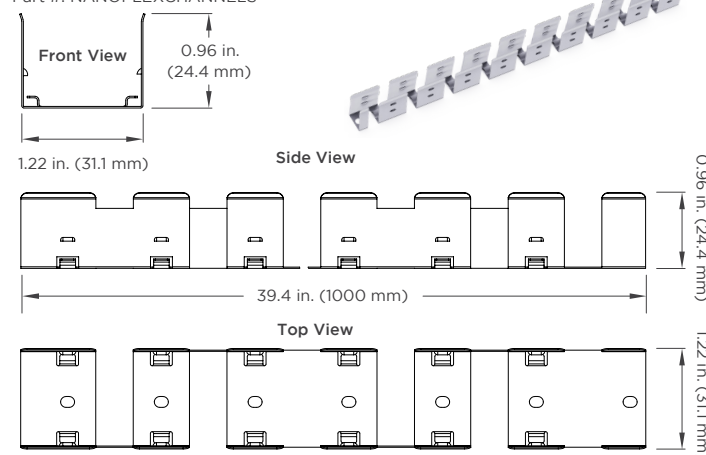
### 2. Mounting Channel

Length up to 39.4 in. (1 m)  
Part #: NANOFLEXCHANNEL



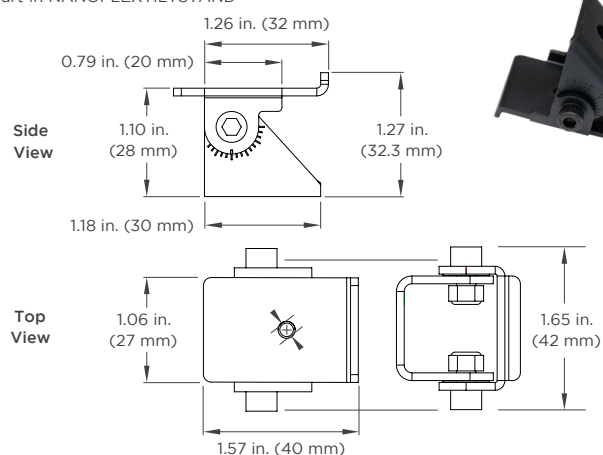
### 3. Curved Mounting Channel

Length up to 39.4 in. (1 m)  
Part #: NANOFLEXCHANNELS



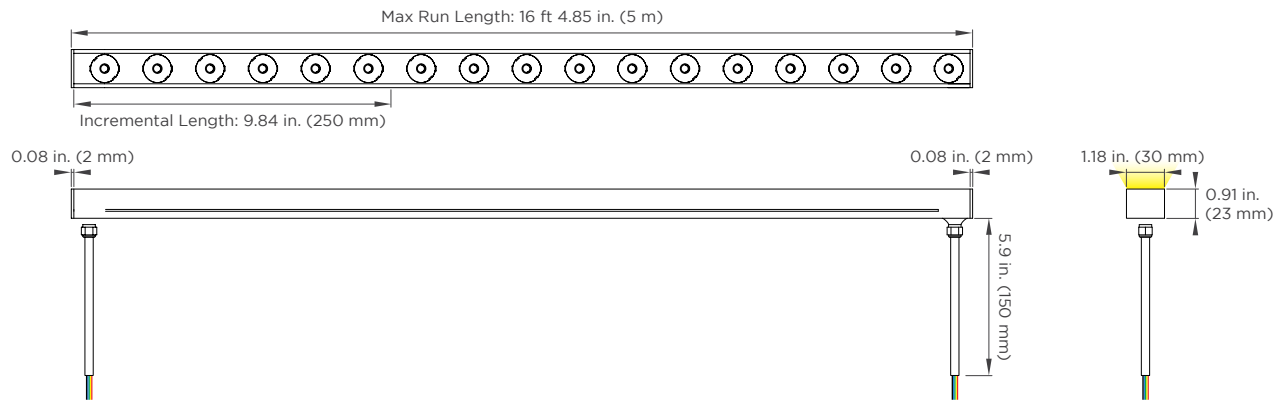
### 4. Tiltable Stand

Use with mounting clips or channels  
Part #: NANOFLEXTILTSTAND

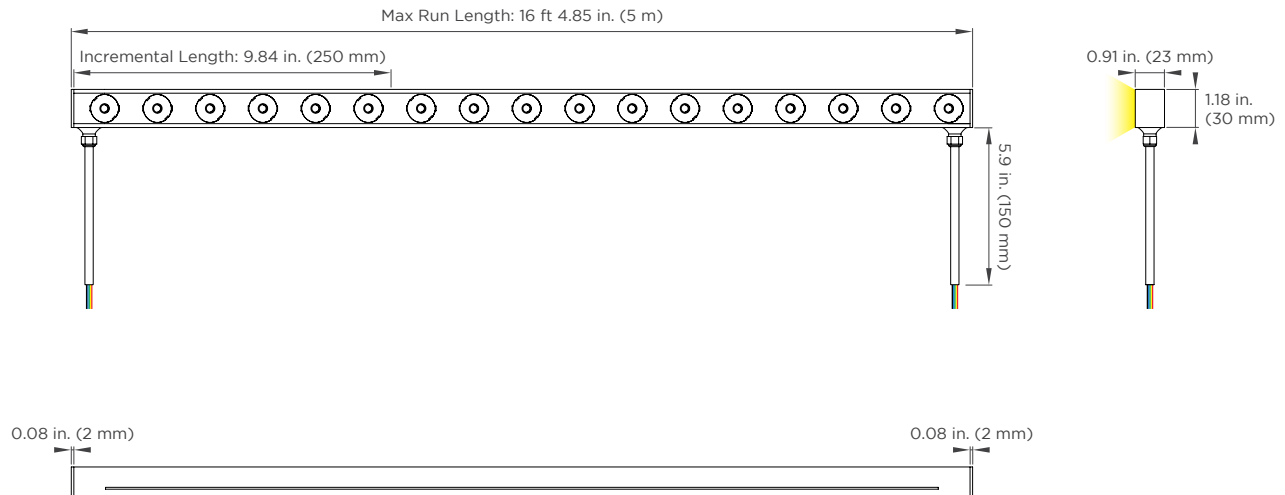


## DIMENSIONS & POWER FEED OPTIONS

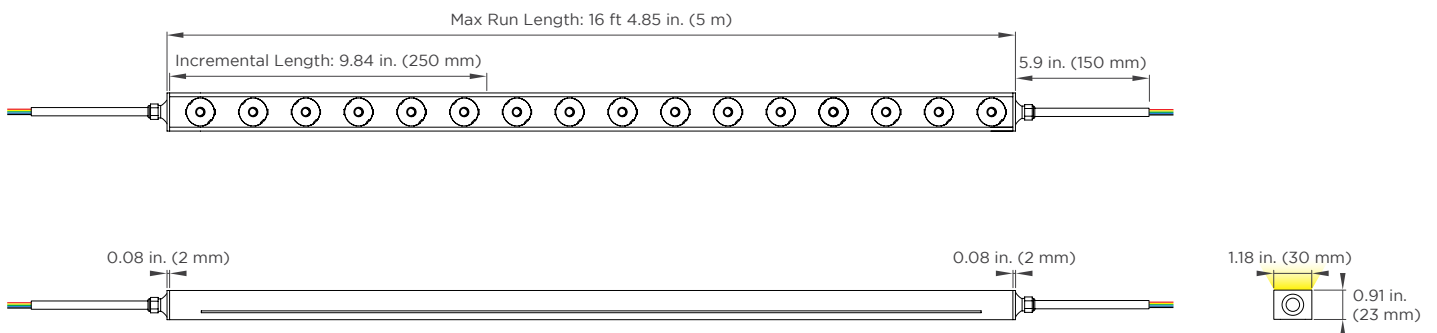
### BOTTOM FEED (MOLDED END CAP)



### SIDE FEED WITH MOLDED END CAP



### END FEED

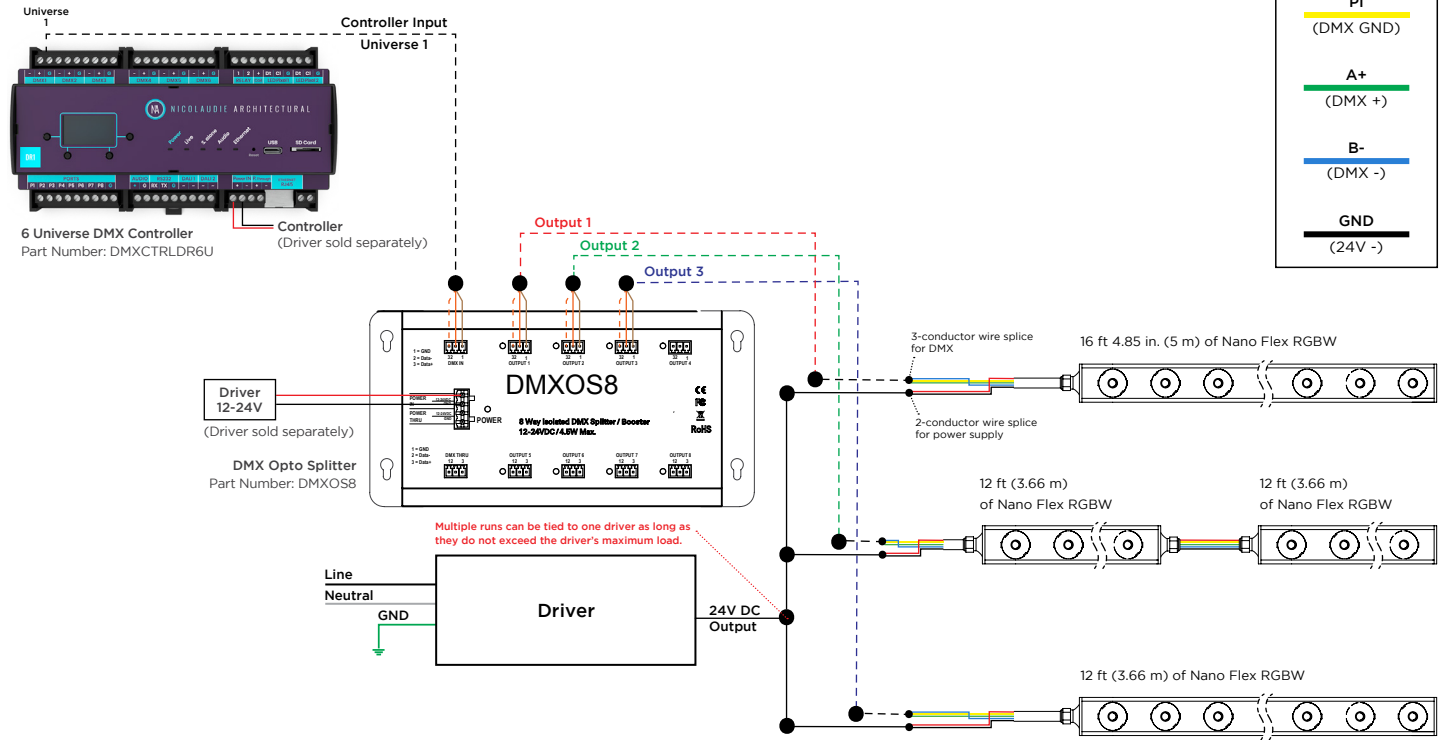


## WIRING DIAGRAMS - DMX

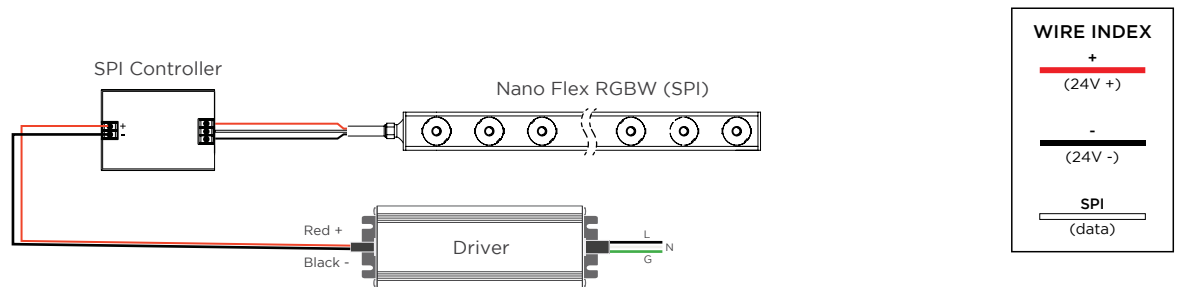
One DMX Universe consists of 128 addresses and 512 channels (104.96 ft / 32 m of Nano Flex RGBW).

Any single run of Nano Flex that is less than 16 ft, 4.85 in. (5 m) can be wired directly to the controller.

For additional runs, Opto Splitter must be used. Each individual run will need its own Opto Splitter output.



## WIRING DIAGRAMS - SPI



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### GLOBAL HQ

320 Murray Hill Pkwy  
East Rutherford, NJ 07073  
U.S.  
T: (+1) 212 629 6830  
E: Sales-US@GENLEDBrands.com

### EUROPEAN HQ

Hogeweyselaan 119  
1382 JK Weesp  
Netherlands  
T: (+31) 346 235 000  
E: SalesEurope@GENLEDBrands.com

### MEINA HQ

PO Box 371378, #823, Building 4EA  
Dubai Airport Free Zone  
Dubai, UAE  
T: (+971) 4 701 7901  
E: SalesMEINA@genledbrands.com

### ASIA-PACIFIC HQ

Room 402, Building D  
Shenshi Tongchuang Science and Technology Park  
No. 16 Hongyin Road  
Xingqiang Community, Xinhua Street  
Guangming District, Shenzhen, China 518107  
T: (+86) 755 8529 0710  
E: Sales-Pacific@GENLEDBrands.com