

NANO FLEX

Nano Flex is a large 24V flexible silicone grazer tube. Available in three dimmable Static White CCTs and nine beam angle options, this IP67 grazer is compatible with 0-10V, ELV/MLV and DMX controls. Or select our special pixel programmable Nano Flex model and use SPI controls to create unique patterns and light fading sequences. Dual bending capabilities (side- and top-bending!) make any Nano Flex an amazing solution for complex grazer applications in hospitality, landscape or architectural settings. Choose from end, side or bottom power feed.

- 7.6 W/ft (25 W/m)
- 3 Static White CCTs (2700K, 3000K, 4000K)
- 800 lm/ft (2625 lm/m) at 4000K
- Choose from 0-10V, ELV/MLV and DMX controls
OR use SPI controls with our pixel models
- Programmable pixels: 6 LEDs/9.84 in. (250 mm)
- 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: 10x10°, 15x15°, 20x20°, 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	CRI	IP Rating	Wattage	CCT	Beam Angles	Housing Color	Power Feed	Control*
NANOFLEX	80	67	7.6					
NANOFLEX - Nano Flex	80 - 80+ CRI	67 - IP67	7.6 - 7.6 W/ft (25 W/m)	27 - 2700K	10 - 10x10°	WH - White	B - Bottom Feed	S - SPI
				30 - 3000K	15 - 15x15°	BK - Black	S - Side Feed	
				40 - 4000K	20 - 20x20°		E - End Feed	
					25 - 25x25°			
					30 - 30x30°			
					40 - 40x40°			
					50 - 50x50°			
					2550 - 25x50°			
					45A30 - 45xAsymmetric 30°			

* 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

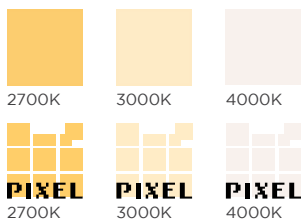
2. Mounting Channel

Recommended for all straight run applications
Part #: NANOFLEXCHANNEL

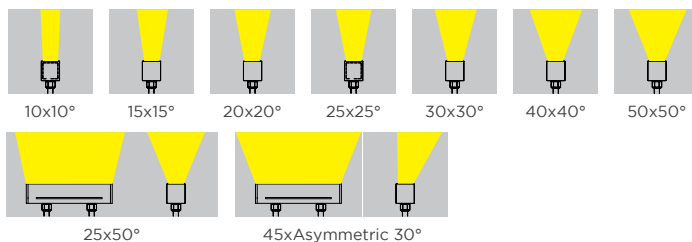
4. Tiltable Stand

Use with mounting clips or mounting channels
Part #: NANOFLEXTILTSTAND

AVAILABLE COLOR TEMPERATURES



AVAILABLE BEAM ANGLES



USAGE GUIDELINES

Nano Flex 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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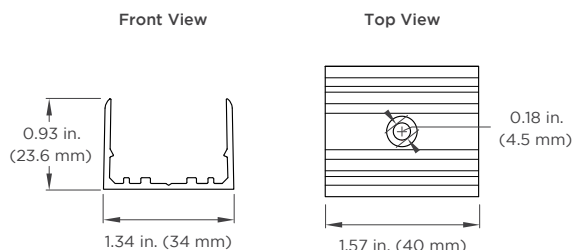
SPECIFICATIONS

Operating Voltage	24 VDC
Power Consumption	7.6 W/ft (25 W/m)
Protection Rating	IP67
Impact Rating	IK07
Color Temperature	2700K, 3000K, 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)
Lumens	800 lm/ft (2625 lm/m) @ 4000K
Efficacy	105 lm/W @ 4000K
Beam Angle	10x10°, 15x15°, 20x20°, 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) NOT FIELD CUTTABLE
Minimum Bend Radius	5.9 in. (150 mm)
CRI	80+ CRI
Lifetime (L70 reported)	50,000 hours
Warranty	5 years

MOUNTING ACCESSORIES

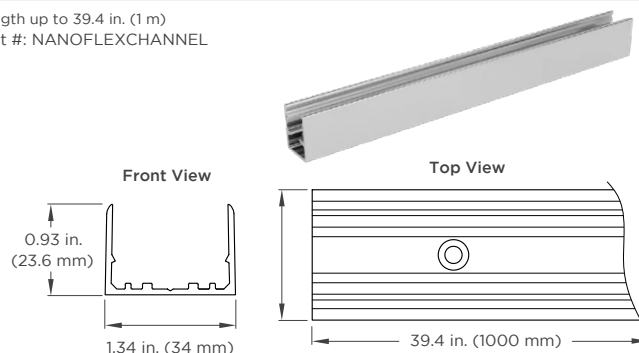
1. Mounting Clip

Part #: NANOFLEXCLIP



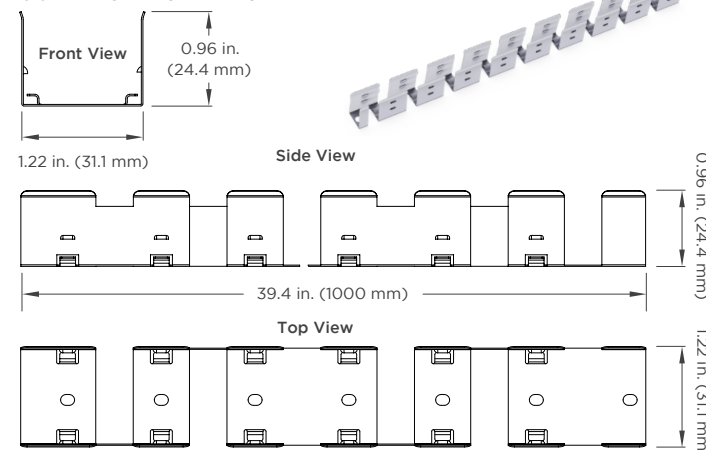
2. Mounting Channel

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



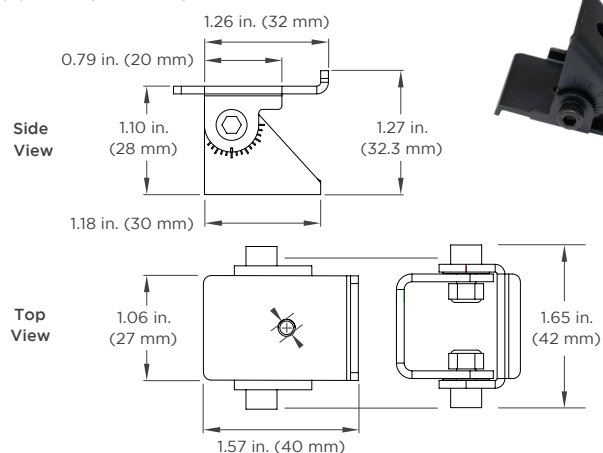
3. Curved Mounting Channel

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



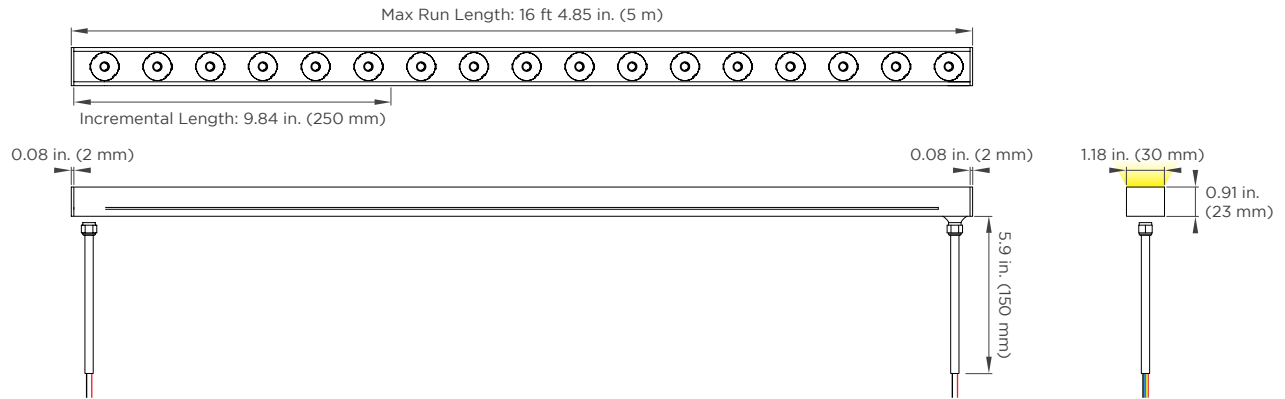
4. Tiltable Stand

Use with mounting clips or channels
Part #: NANOFLEXTILTSTAND

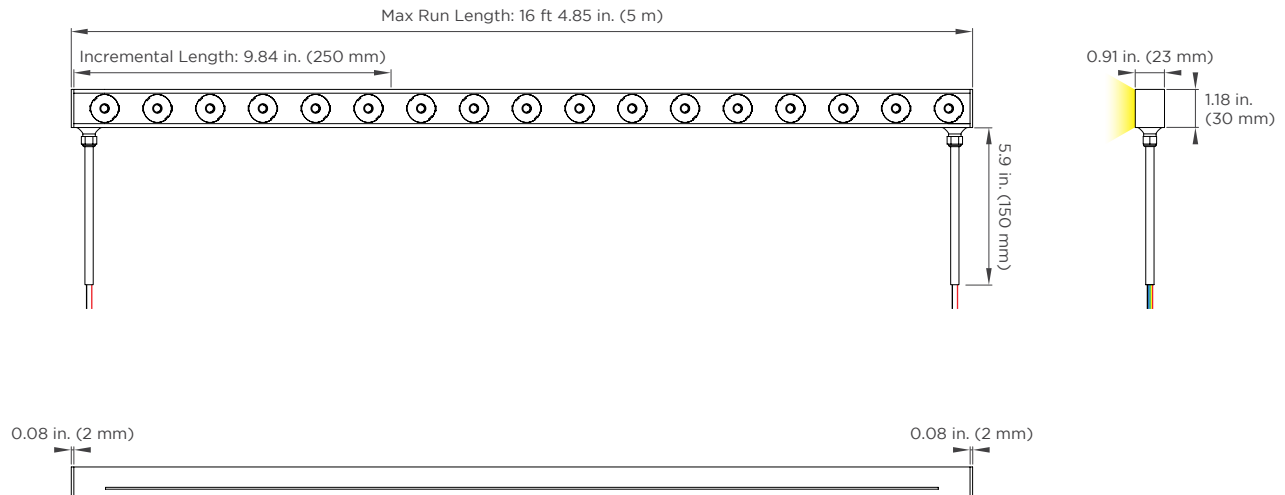


DIMENSIONS & POWER FEED OPTIONS

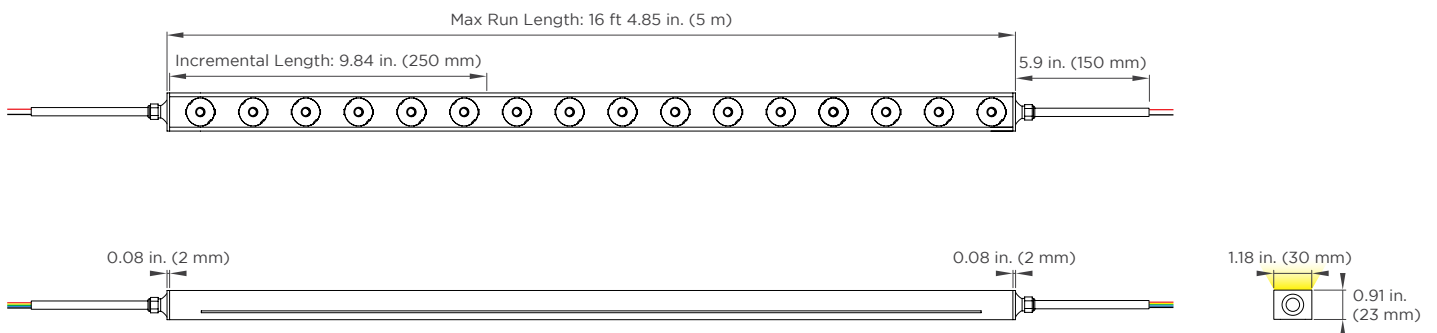
BOTTOM FEED (MOLDED END CAP)



SIDE FEED WITH MOLDED END CAP

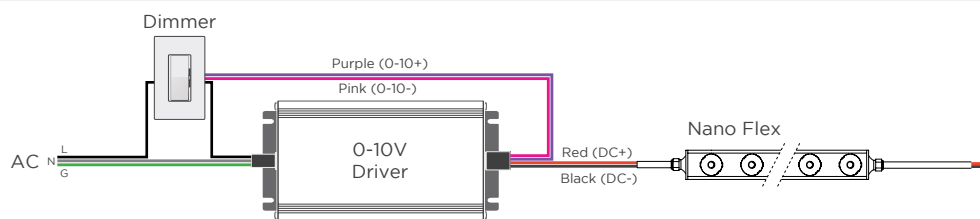


END FEED



WIRING DIAGRAMS

0-10V

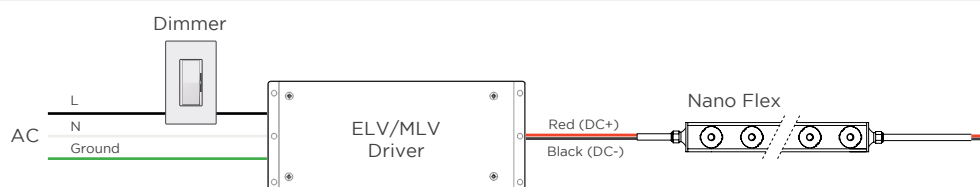


WIRE COLORS

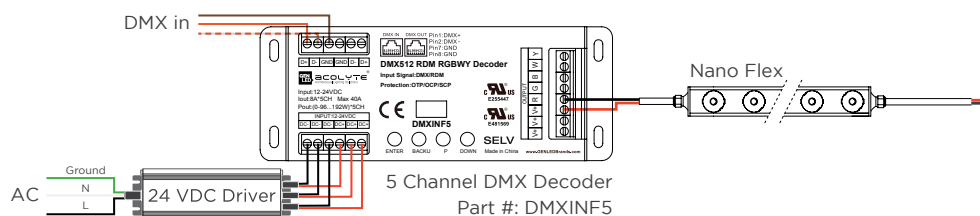
STATIC WHITE
Red Wire (+) Positive
Black Wire (-) Negative

PIXEL (SPI)
Red Wire (+) Positive
Black Wire (-) Negative
White Wire (SPI) Data

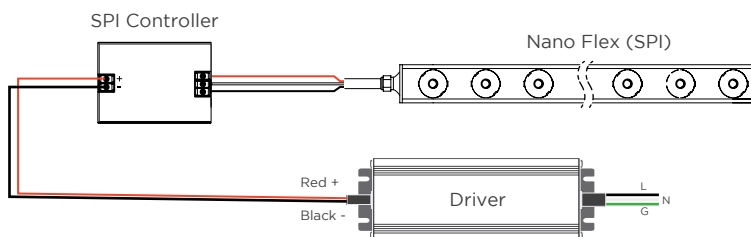
MLV / ELV



DMX



SPI



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