



Date _____ Project _____

Notes _____

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, DMX or Casambi 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, DMX or Casambi 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. fixture 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, tilttable stand



ORDERING GUIDE

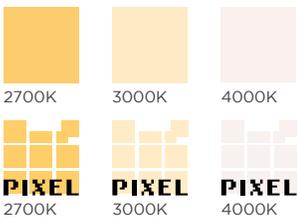
Category	CRI	IP Rating	Wattage	CCT	Beam Angles	Housing Color	Power Feed	Control*
NANOFLEX	80	67	7.6					
NANOFLEX - Nano Flex	80 - 80+ CRI	67 - IP67	7.6 - 7.6 W/ft (25 W/m)	27 - 2700K 30 - 3000K 40 - 4000K	10 - 10x10° 15 - 15x15° 20 - 20x20° 25 - 25x25° 30 - 30x30° 40 - 40x40° 50 - 50x50° 2550 - 25x50° 45A30 - 45xAsymmetric 30°	WH - White BK - Black	B - Bottom Feed S - Side Feed E - End Feed	S - SPI

* For SPI models only

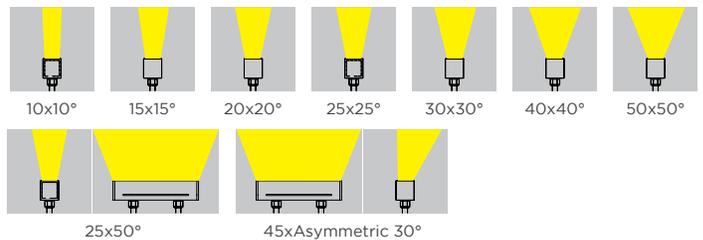
ACCESSORIES (see page 2 for details)

- | | |
|---|---|
| <p>1. Mounting Clip
Recommended for curved applications
Part #: NANOFLEXCLIP</p> | <p>3. Curved Mounting Channel
Recommended for curved applications
Part #: NANOFLEXCHANNELS</p> |
| <p>2. Mounting Channel
Recommended for all straight run applications
Part #: NANOFLEXCHANNEL</p> | <p>4. Tilttable Stand
Use with mounting clips or mounting channels
Part #: NANOFLEXTILTSTAND</p> |

AVAILABLE COLOR TEMPERATURES



AVAILABLE BEAM ANGLES



USAGE GUIDELINES

NOTE: Acolyte recommends Belden 9729 shielded cable and Cat5e RJ45 cable for all connections.

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	0-10V, ELV/MLV, DMX, DALI and CASAMBI controls for static white OR SPI controls for SPI version
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. Fixture Length	16 ft 4.85 in. (5 m)
Max. Serial Fixture Run Length	196 ft 10.2 in. (60 m) for data connections. Each fixture requires its own power feed.
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

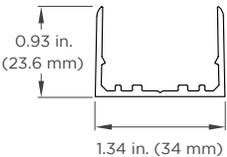
MOUNTING ACCESSORIES

1. Mounting Clip

Part #: NANOFLEXCLIP

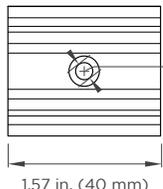


Front View



0.93 in. (23.6 mm)
1.34 in. (34 mm)

Top View



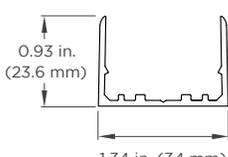
0.18 in. (4.5 mm)
1.57 in. (40 mm)

2. Mounting Channel

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

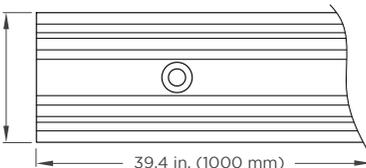


Front View



0.93 in. (23.6 mm)
1.34 in. (34 mm)

Top View



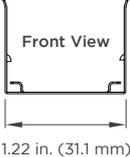
39.4 in. (1000 mm)

3. Curved Mounting Channel

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

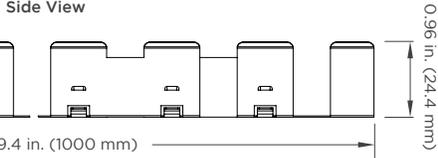


Front View



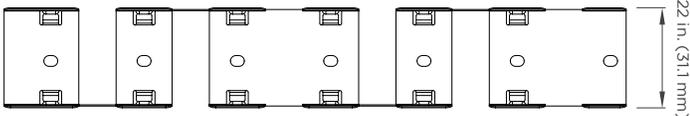
0.96 in. (24.4 mm)
1.22 in. (31.1 mm)

Side View



0.96 in. (24.4 mm)

Top View



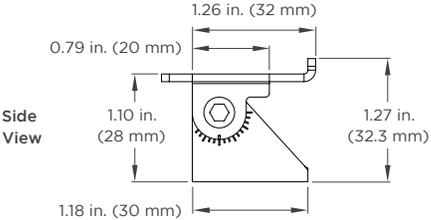
39.4 in. (1000 mm)
1.22 in. (31.1 mm)

4. Tiltable Stand

Use with mounting clips or channels
Part #: NANOFLEXTILTSTAND

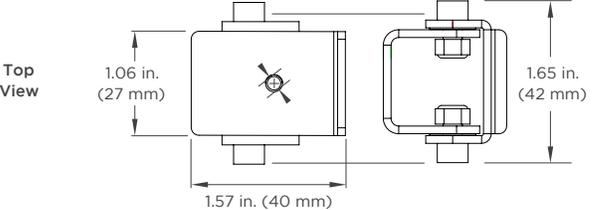


Side View



0.79 in. (20 mm)
1.10 in. (28 mm)
1.27 in. (32.3 mm)
1.18 in. (30 mm)

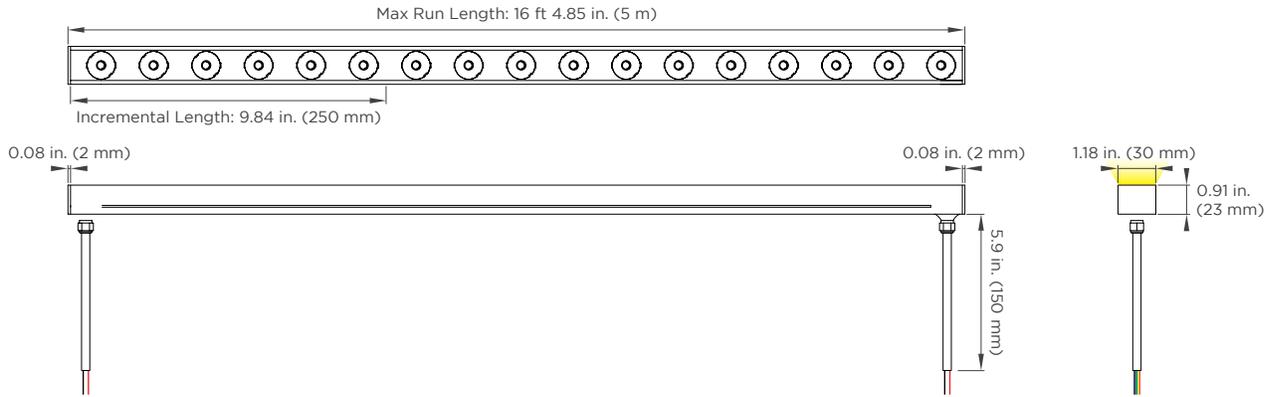
Top View



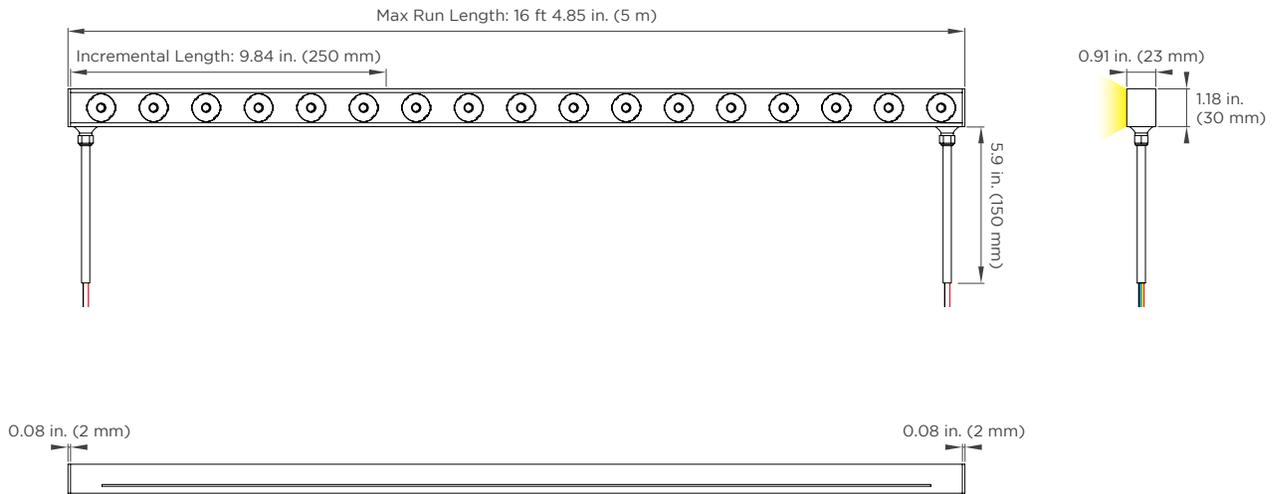
1.06 in. (27 mm)
1.57 in. (40 mm)
1.65 in. (42 mm)

DIMENSIONS & POWER FEED OPTIONS

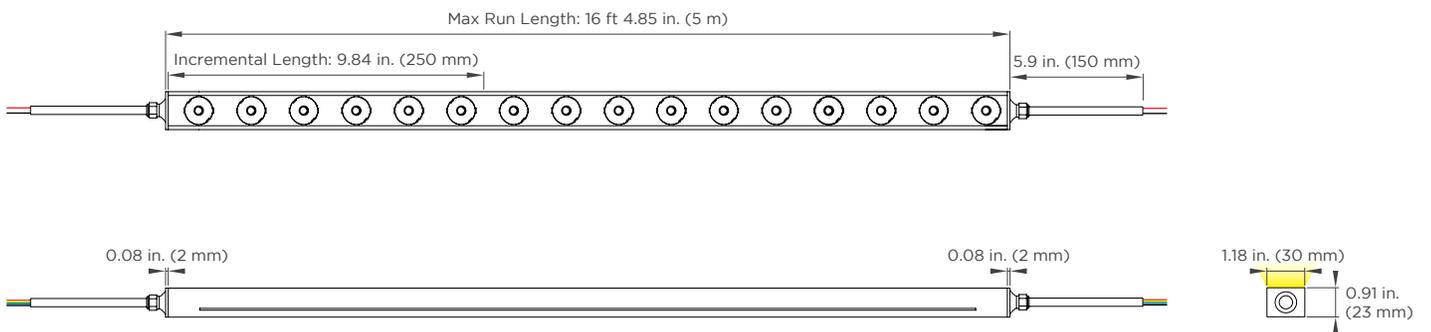
BOTTOM FEED (MOLDED END CAP)



SIDE FEED WITH MOLDED END CAP



END FEED



NOTE: Acolyte recommends Belden 9729 shielded cable and Cat5e RJ45 cable for all connections.

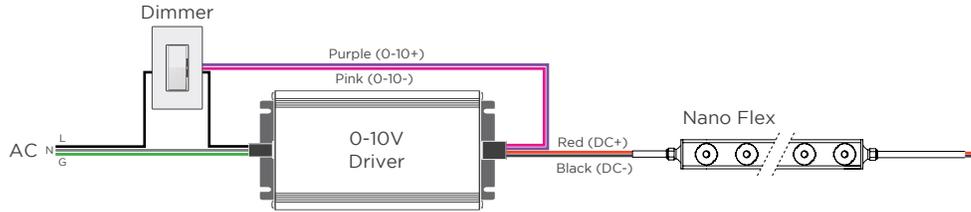
WIRING DIAGRAMS

Max. fixture length: 16 ft 4.85 in. (5 m)

Max. serial fixture run length: 196 ft 10.2 in. (60 m) for data connections. Each fixture requires its own power feed.

Note: In SPI installations, connecting wires between fixtures must not exceed 6 ft 6.74 in. (2 m).

0-10V

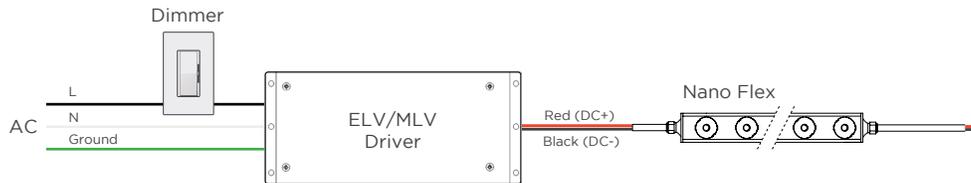


WIRE COLORS

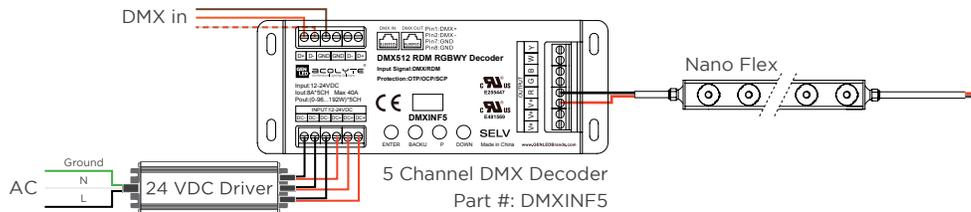
STATIC WHITE
Red Wire (+) Positive
Black Wire (-) Negative

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

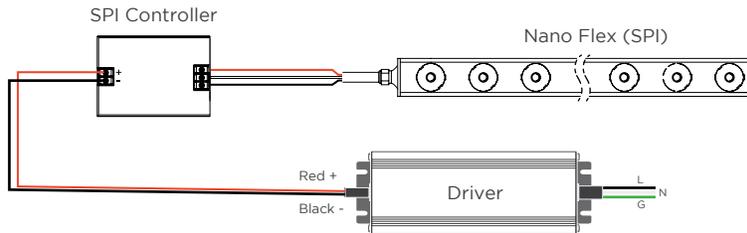
MLV / ELV



DMX



SPI



NOTE: Acolyte recommends Belden 9729 shielded cable and Cat5e RJ45 cable for all connections.

REV.09MAR2026

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