

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. 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
- 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, tiltable stand



Black or White housing

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

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

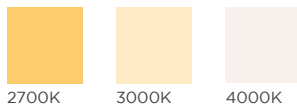
2. Mounting Channel

Recommended for all straight run applications
Part #: NANOFLEXCHANNEL

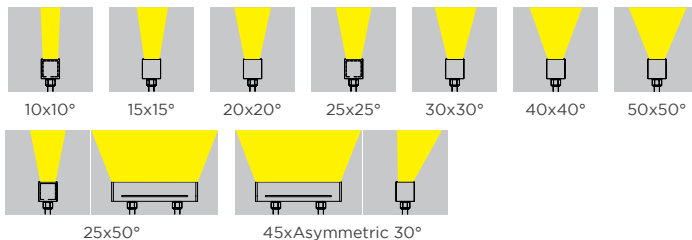
4. Tiltable Stand

Use with mounting clips or mounting channels
Part #: NANOFLEXTILTSTAND

AVAILABLE COLOR TEMPERATURES



AVAILABLE BEAM ANGLES



USAGE GUIDELINES

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

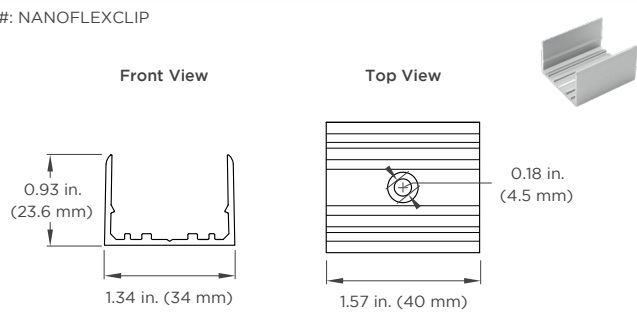
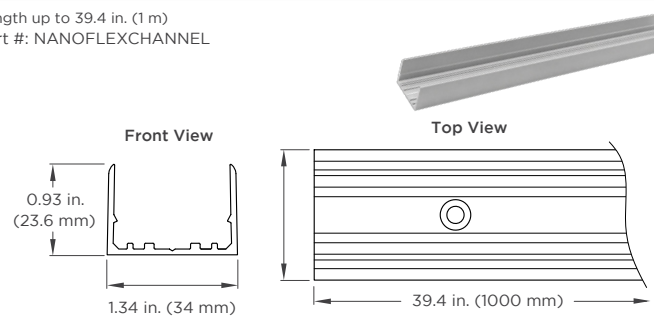
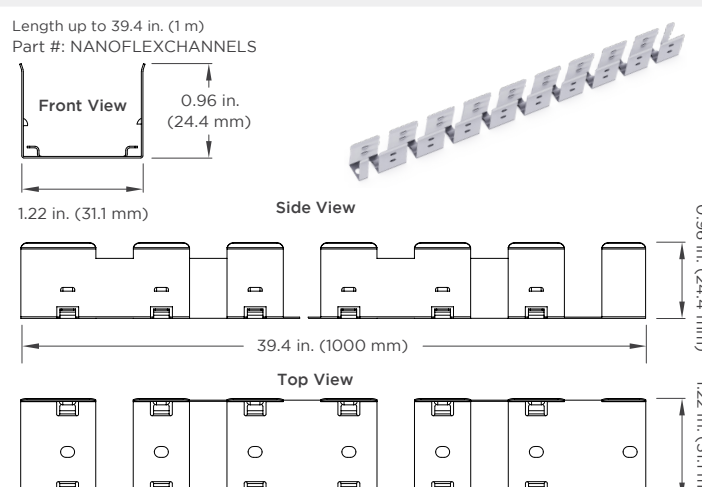
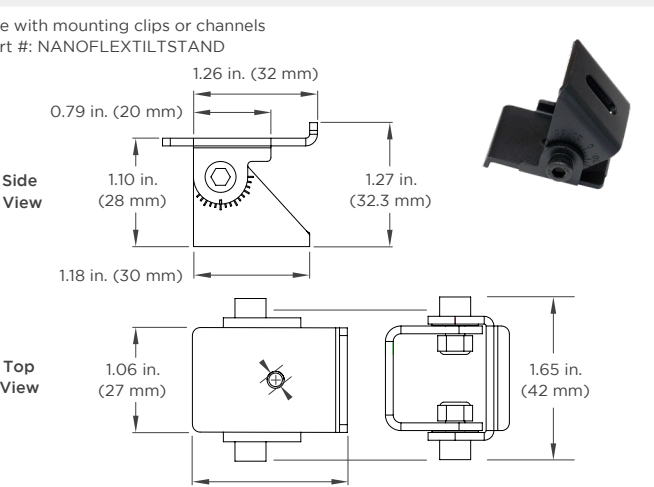
Nano Flex grazers cannot be cut in the field. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of the waterproofing will result in a voided warranty.

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SPECIFICATIONS

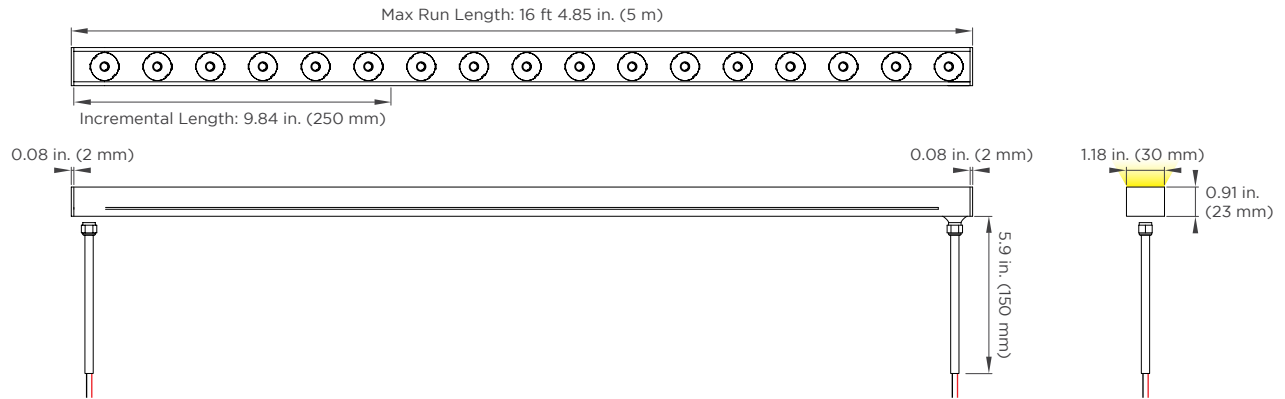
Operating Voltage	24 VDC
Power Consumption	7.6 W/ft (25 W/m)
Protection Rating	IP67
Impact Rating	IK07
Color Temperature	2700K, 3000K, 4000K
Control	0-10V, ELV/MLV, DMX, DALI and CASAMBI controls for static white
LED Quantity	7 LEDs/ft (24 LEDs/m)
LED Spacing	1.64 in. (41.67 mm)
Lumens	800 lm/ft (2625 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

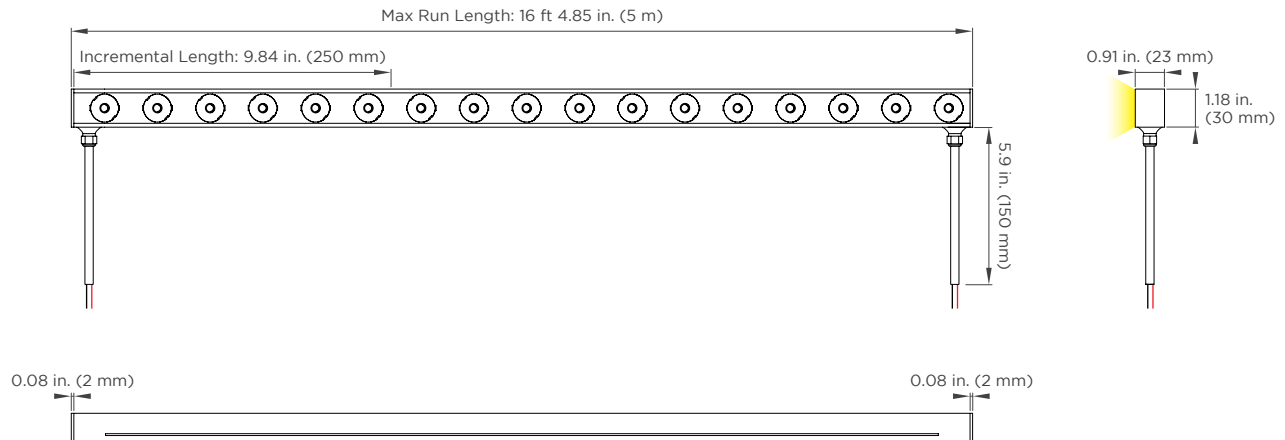
1. Mounting Clip Part #: NANOFLEXCLIP  Front View Top View	2. Mounting Channel Length up to 39.4 in. (1 m) Part #: NANOFLEXCHANNEL  Front View Top View
3. Curved Mounting Channel Length up to 39.4 in. (1 m) Part #: NANOFLEXCHANNELS  Front View Side View Top View	4. Tiltable Stand Use with mounting clips or channels Part #: NANOFLEXTILTSTAND  Side View Top View

DIMENSIONS & POWER FEED OPTIONS

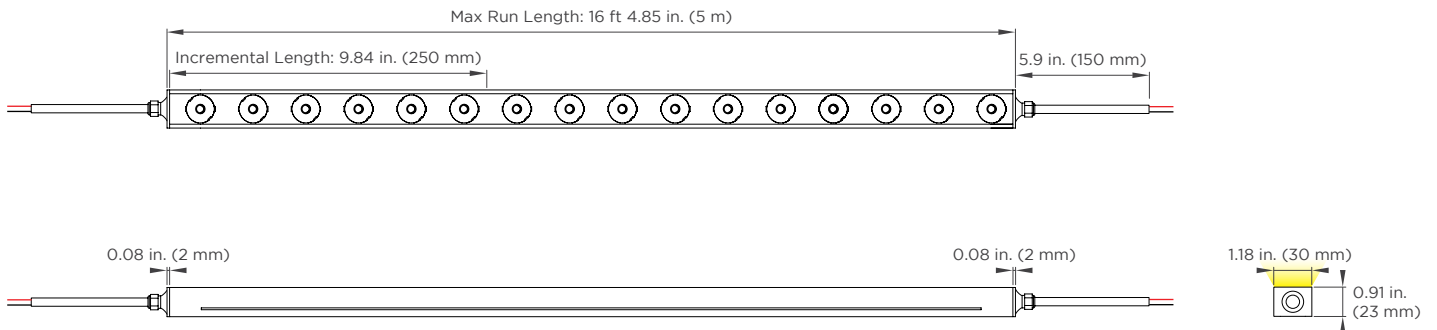
BOTTOM FEED (MOLDED END CAP)



SIDE FEED WITH MOLDED END CAP



END FEED



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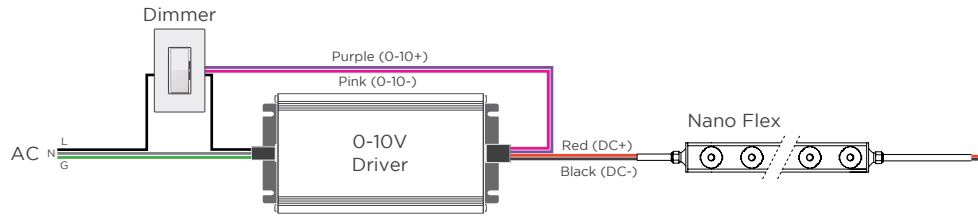
Due to the cuttable points (9.84 in. | 250 mm) inside, this product's cuttable lengths are generally longer or shorter than the customer-requested length. Unless specified, this product is factory cut at the shorter cuttable point.

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.

0-10V



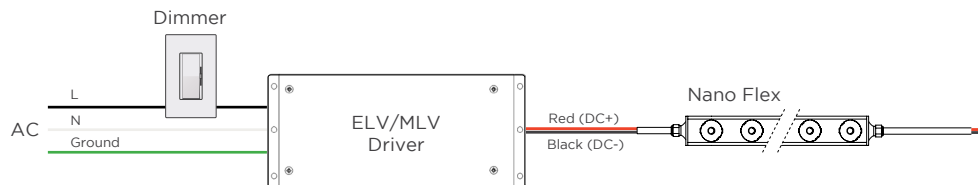
WIRE COLORS

STATIC WHITE

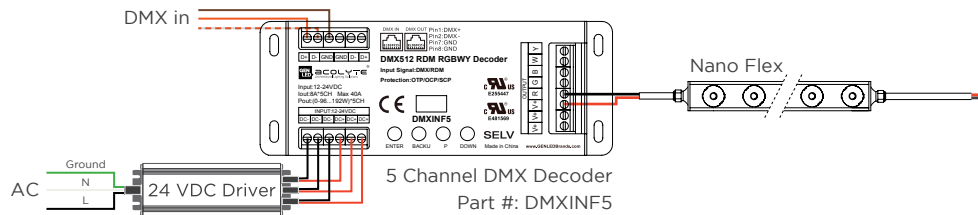
Red Wire (+) Positive

Black Wire (-) Negative

MLV / ELV



DMX



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