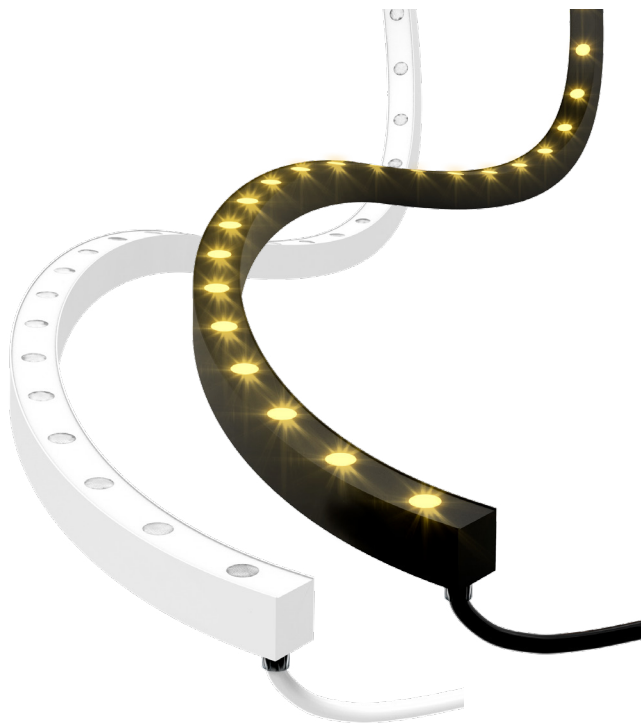


NANO FLEX

The Nano Flex is a flexible silicone grazer tube with three beam angle options. Available in five dimmable Static White CCTs (1800K-6500K), this IP68 grazer is compatible with 0-10V, ELV/MLV or DMX controls. Dual bending capabilities (side- and top-bending!) make this an amazing solution for complex grazer applications.

- 5.5 W/ft (18 W/m)
- 5 Static White CCTs (1800K, 2700K, 3000K, 4000K, 6500K)
- 0-10V, ELV/MLV or DMX controls
- 7 LEDs/ft (24 LEDs/m)
- 1.65 in. (42 mm) LED spacing
- 16 ft 4 in. (5 m) max. length (single feed)
- 3 in. (75 mm) min. side bending radius
- 3.5 in. (90 mm) min. top bending radius
- Beam angles: 15x15°, 38x38°, 60x60°
- 80+ CRI with IP68 and IK08 ratings
- Available in white or black
- Use with mounting clips, mounting channel or curved mounting channel



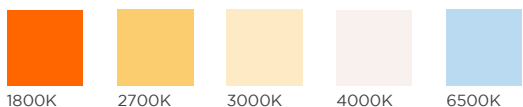
ORDERING GUIDE

Category	CRI	IP Rating	Wattage	Color Temperature	Beam Angles	Housing Color	Power Feed
NANOFLEX	80	68	5.5				
NANOFLEX - Nano Flex	80 - 80+ CRI	68 - IP68	5.5 - 5.5 W/ft (18 W/m)	18 - 1800K	15 - 15x15°	WH - White	E - End Feed
				27 - 2700K	38 - 38x38°	BK - Black	B - Bottom Feed
				30 - 3000K	60 - 60x60°		
				40 - 4000K			
				65 - 6500K			

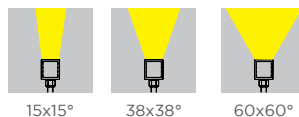
ACCESSORIES:

- M12 3-Pin Female to Bare Wire Input Cable
M12CBLFB3PIN1000 (3 ft, 3.3 in. | 1 m)
M12CBLFB3PIN2000 (6 ft, 6.7 in. | 2 m)
M12CBLFB3PIN3000 (9 ft, 10 in. | 3 m)
- M12 3-PIN Male to Female Jumper Cable
M12JUMPMF3PIN1000 (3 ft, 3.3 in. | 1 m)
M12JUMPMF3PIN2000 (6 ft, 6.7 in. | 2 m)
M12JUMPMF3PIN3000 (9 ft, 10 in. | 3 m)
- M12 3-PIN Power Cable, Double Feed (59 in. | 1.5 m)
M12YCBLD3PIN1500
- M12 Male Connector - one side
NANOFLEXMC1
- M12 Male Connector - both sides
NANOFLEXMC2
- End Cap
M12EC3PIN
- Mounting Clip
NANOFLEXMC35
- Mounting Channel (length up to 3 ft, 3.3 in. | 1 m)
CHNANOFLEXSSV
- Curved Mounting Channel (length up to 3 ft, 3.3 in. | 1 m)
CHNANOFLEXC
(for side-bending applications only)

AVAILABLE COLOR TEMPERATURES



AVAILABLE BEAM ANGLES



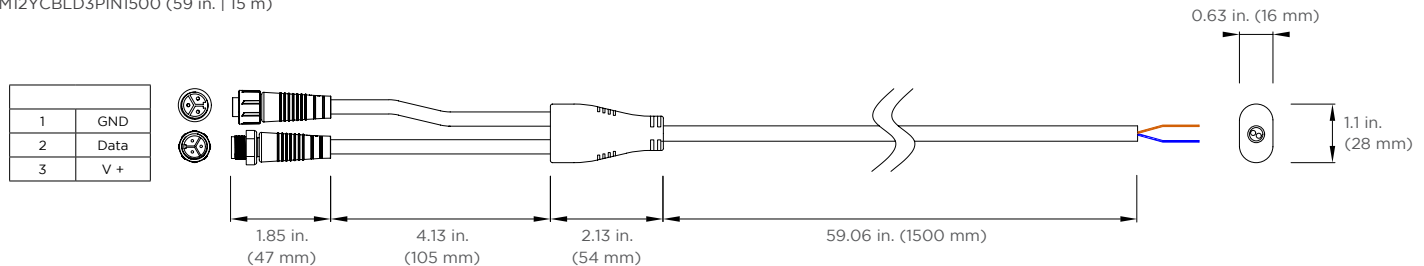
SPECIFICATIONS

Operating Voltage	24V DC
Power Consumption	5.5 W/ft (18 W/m)
Protection Rating	IP68
LED Quantity	7 LEDs/ft (24 LEDs/m)
LED Spacing	1.65 in. (42 mm)
Lumens	243.9 lm/ft (800 lm/m) for 38x38° model in 3000K
Beam Angle	15x15°, 38x38°, 60x60°
Operating Temperature	14 – 131 °F (-10 – 55 °C)
Color Temperatures / Colors	1800K, 2700K, 3000K, 4000K, 6500K
Max Run Length	Single feed: 16 ft 4.85 in. (5 m) / double feed: 32 ft 9.7 in. (10 m)
Incremental Length	10 in. (250 mm) NOT FIELD CUTTABLE
Minimum Bend Radius	3 in. (75 mm) min. side bending radius 3.5 in. (90 mm) min. top bending radius
CRI (white)	80+ for all Color Temperatures
Lifetime (L70 reported)	70,000 hours @ 25 °C, 50,000 hours @ 50 °C
Warranty	5 years

ACCESSORIES

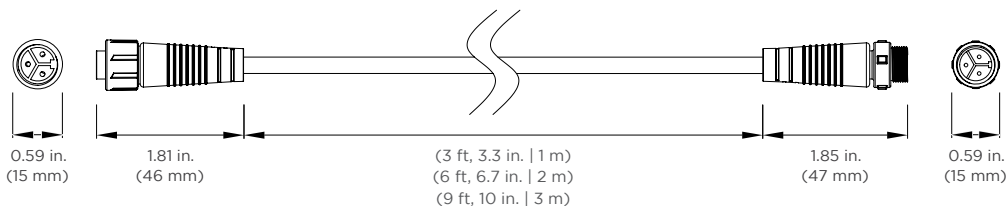
M12 3-PIN POWER CABLE, DOUBLE FEED

Part #:
M12YCBLD3PIN1500 (59 in. | 15 m)



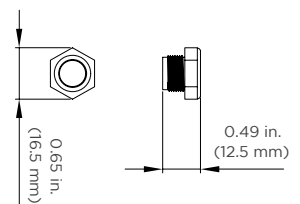
M12 3-PIN MALE TO FEMALE JUMPER CABLE

Part #:
M12JUMPMF3PIN1000 (3 ft 3.3 in. | 1 m)
M12JUMPMF3PIN2000 (6 ft 6.7 in. | 2 m)
M12JUMPMF3PIN3000 (9 ft 10 in. | 3 m)



END CAP

Part #: M12EC3PIN

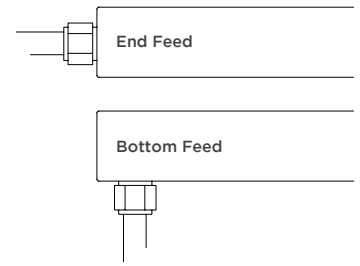
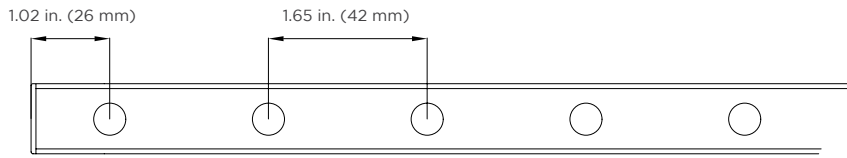


USAGE GUIDELINES

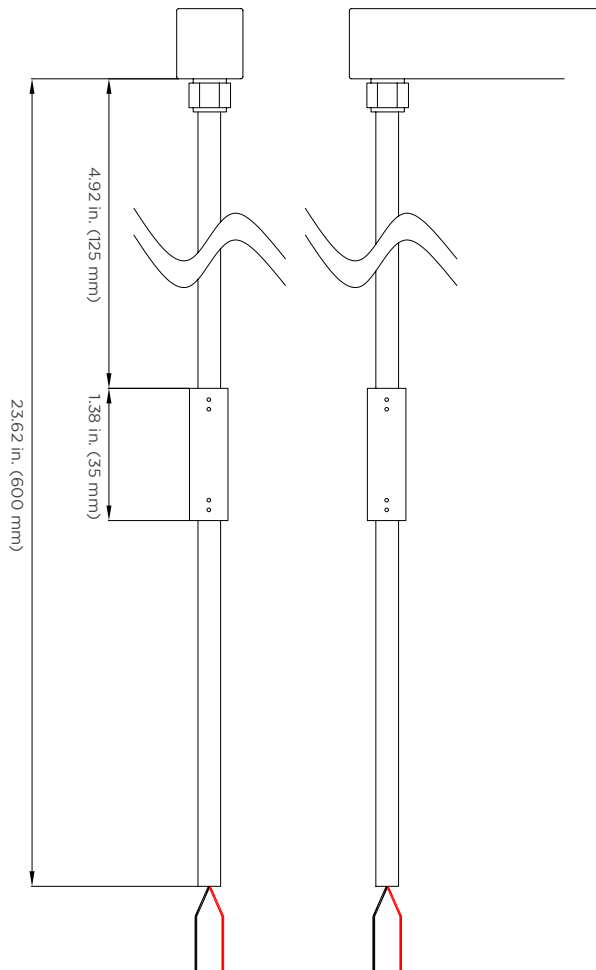
Nano Flex grazers cannot be cut in the field. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of the waterproofing will result in a voided warranty.

Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

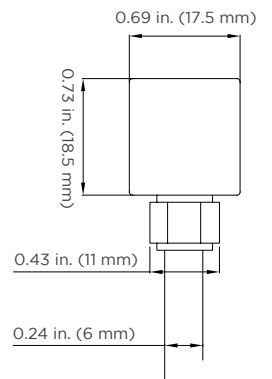
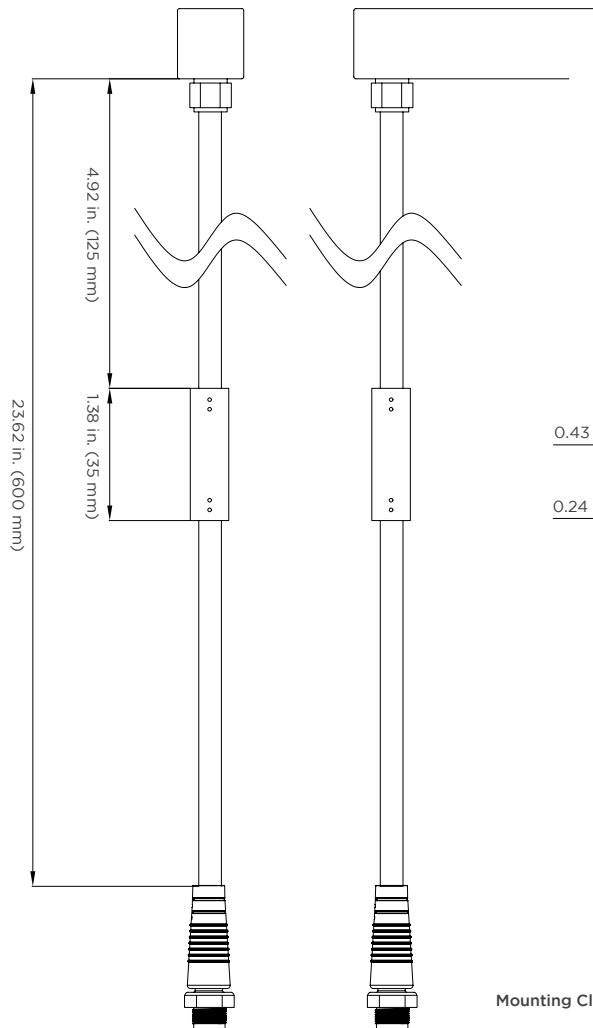
DIMENSIONS



Nano Flex with Bare Wire (default option)



Nano Flex with Male Connector (additional accessory ordered separately)



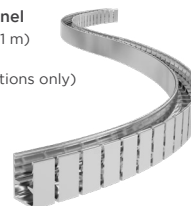
Mounting Clip
Part #: NANOFLEXMC35



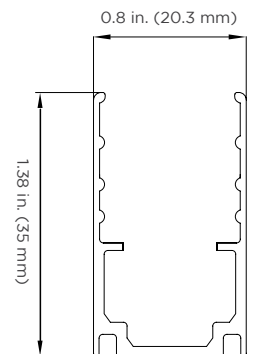
Mounting Channel
Length up to 3 ft, 3.3 in. (1 m)
Part #: CHNANOFLEXSSV



Curved Mounting Channel
Length up to 3 ft, 3.3 in. (1 m)
Part #: CHNANOFLEXC
(for side-bending applications only)

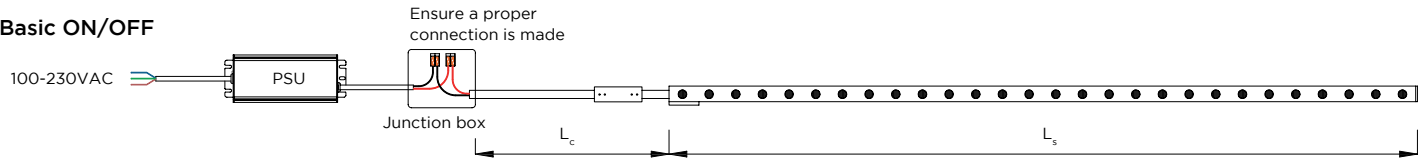


Mounting Clip / Mounting Channels

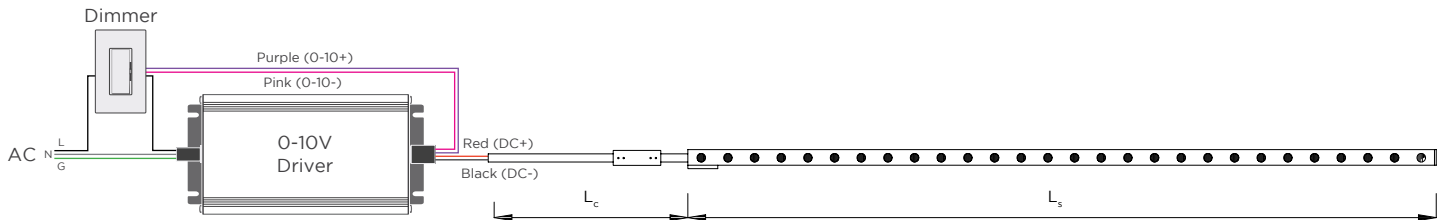


WIRING DIAGRAMS

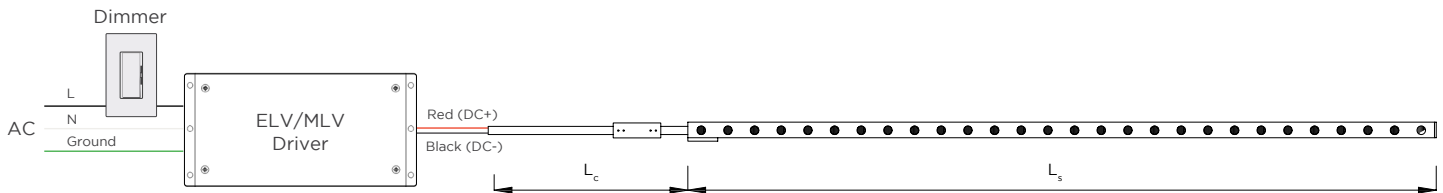
Basic ON/OFF



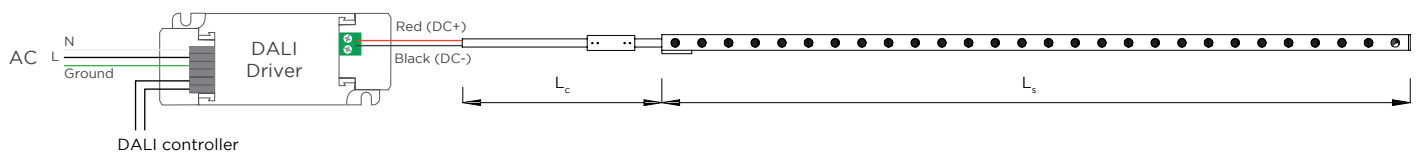
0-10V



ELV / MLV

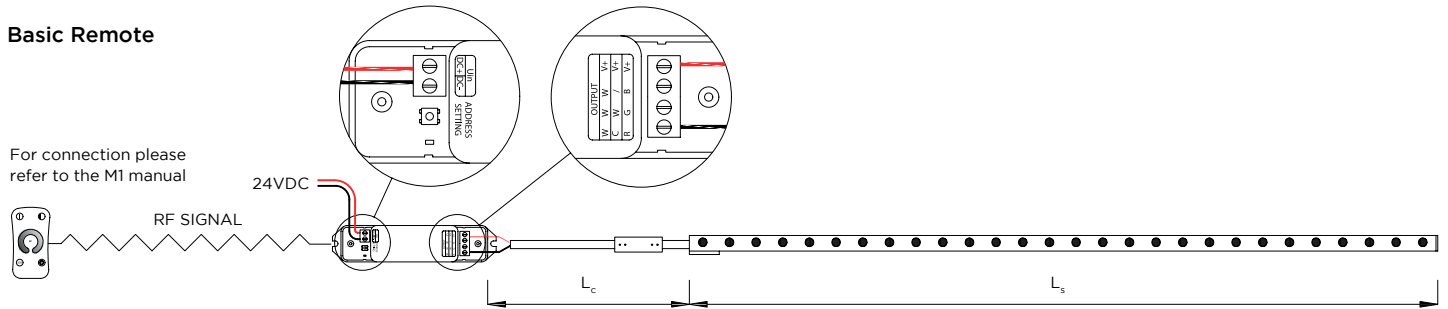


Basic DALI

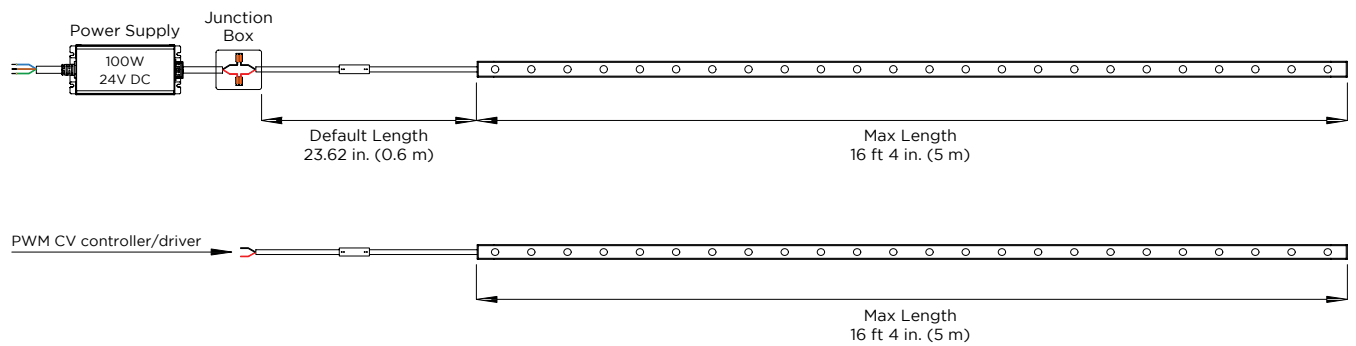


WIRING DIAGRAMS

Basic Remote



Advanced



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