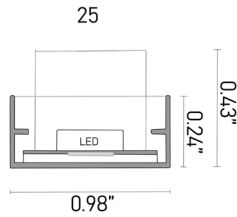
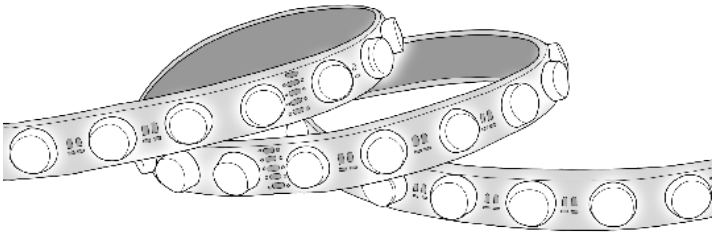


TYPE

PROJECT NAME

nanoflex

NanoFlex Optic Slim



Top-bendable and low-profile, this 25mm linear fixture is flexible enough for all manner of indoor or outdoor lighting. NanoFlex is ideal for landscape and architectural lighting, particularly wall washing and grazing. They can be joined in long, continuous runs via their end feeds. Multiple dimming options are available and fixtures are die-cast per specified length without overlapping endcaps. If needed, fixtures can be cut in field and resealed with overlapping endcaps.

CONFIGURATION

SAMPLE ORDER CODE:
NFX-0S-25-C4-40-40-9-NC-S0-32 P1-MC-AL



CATALOG NUMBER	TYPE	LED TYPE	CCT	OPTIC	CRI	DIMMING	OUTPUT
NFX-0S-	25 0.98 in.	S STATIC	27 2700K	20	8 80+	10 0-10V Static only	S0 STANDARD
			30 3000K	30		DX DMX	
		35 3500K	45	9 90+	DA DALI	HE HIGH EFFICIENCY Static only	
40 4000K	60	10X DUAL 0-10V Tunable only					
50 5000K	20 X 45 20 parallel to strip	T TUNABLE WHITE	27-65 2700-6500K	45 X 20 20 perpendicular to strip	WD WARM DIM Tunable only		
C4 RGBW	40 RGBW, 4000K WHITE		40	EV PHASE Static only			
				40 X 45	POE Static only	NC pixel CONTROLLED Refer to NanoControls specs for required equipment	
						LAT LUTRON ATHENA Static and Tunable only	
						O OTHER Contact manufacturer for more options	

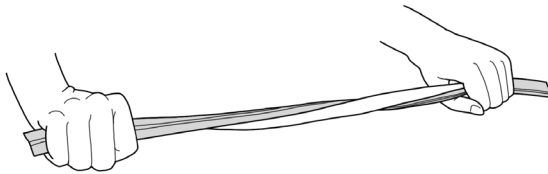
LENGTH (inches)	FEED OPTIONS	MOUNTING	MOUNTING FINISH
Maximum: 16.4 ft. (192")	P1 END FEED	MC METAL CLIPS	WH WHITE
		CC CONTINUOUS CHANNEL	BK BLACK
		ADJ ADJUSTABLE ARM BRACKET	AL ALUMINUM
			O OTHER Contact factory

TECHNICAL SPECS

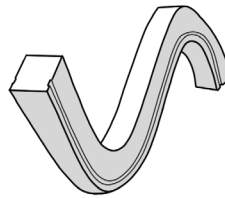
Input Voltage	120-277AC - Remote Power Required
Minimum Bending Diameter	3.0"
Maximum Twist Degree	360° / 39.4 in.
Ambient Temperature IP67	-4°F to 113°F
Max. Run per Leader Cable	16.4'
Weight	0.16 lbs/ft.

Do not bend or twist past the maximum allowance. Doing so may cause irreparable damage to the fixture. The NanoFlex Optic Slim does NOT side bend.

 MAX. TWIST IS 360° PER 39.4"



CAN TOP-BEND




PHOTOMETRIC DATA & CUT INCREMENTS

	LED TYPE	OUTPUT	CUT INCREMENT	WATTS/FT	LUMENS/FT	
					80+ CRI	90+ CRI
	STATIC WHITE (4000K)	STANDARD	EVERY 1.31"	5.49	549	466
	STATIC WHITE - PIXEL (4000K)	STANDARD	EVERY 1.31"	5.18	335	302
	STATIC WHITE (4000K)	HIGH-EFFICIENCY	EVERY 6.56"	5.49	768	635
	STATIC WHITE - PIXEL (4000K)	HIGH-EFFICIENCY	EVERY 6.56"	5.49	640	542
	TUNABLE WHITE (WW+CW)	STANDARD	EVERY 1.79"	5.49	520	440
	RGBW (ALL ON)	STANDARD	EVERY 6.56"	7.0	420	400
	RGBW - PIXEL (ALL ON)	STANDARD	EVERY 6.56"	7.0	370	340

STATIC WHITE CCT FACTORS

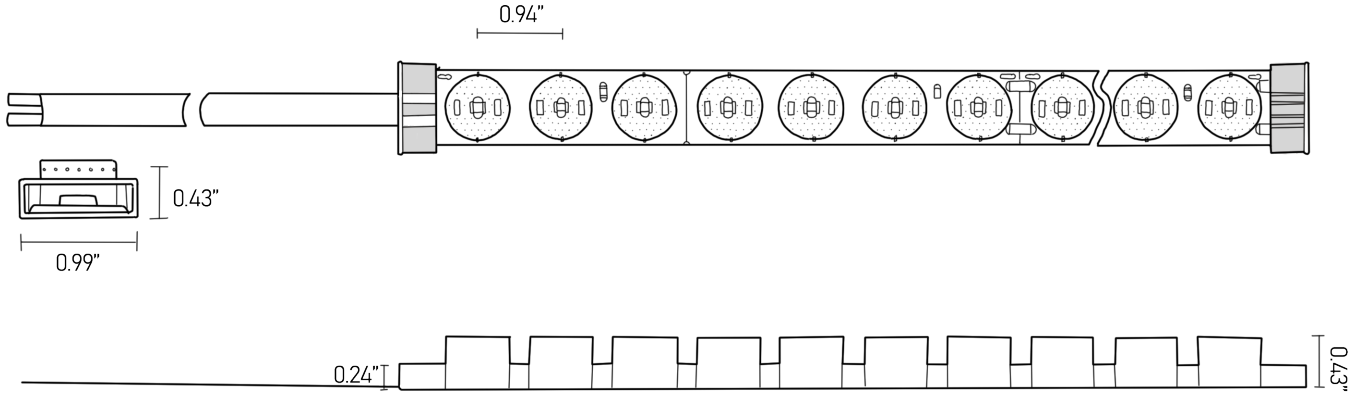
2700K	0.9
3000K	0.95
3500K	0.95
4000K	1.0
5000K	1.0

 Always ensure power is off before cutting,

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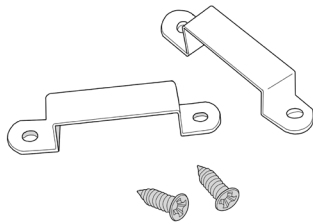
NanoFlex Optic Slim

FEED OPTIONS



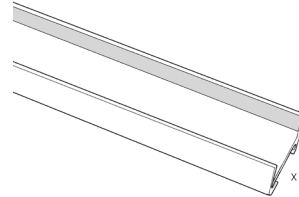
MOUNTING ACCESSORIES

METAL CLIP



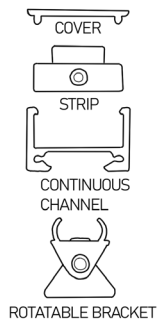
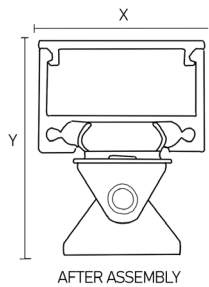
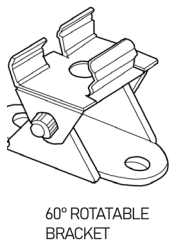
Recommended 12" spacing between clips.

CONTINUOUS CHANNEL



	X	Y
25	1.08"	0.73"

ADJUSTABLE ARM BRACKET



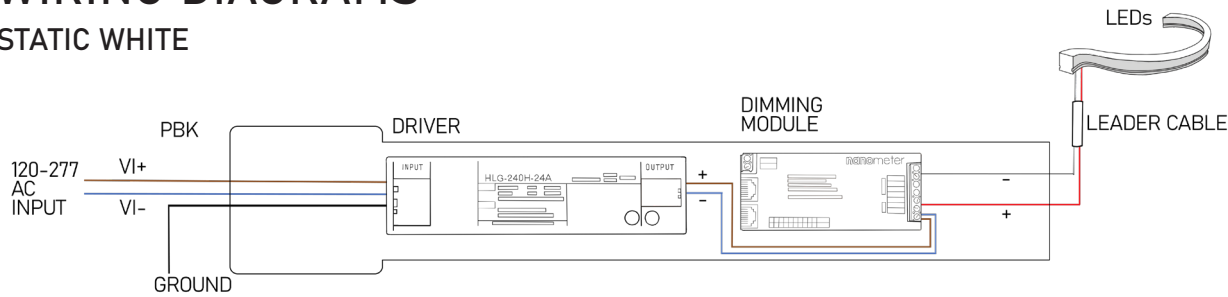
	X	Y
25	1.08"	1.39"

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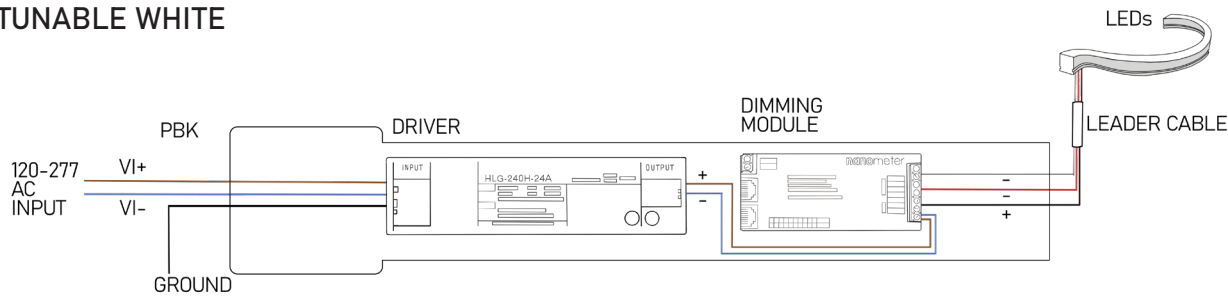
NanoFlex Optic Slim

WIRING DIAGRAMS

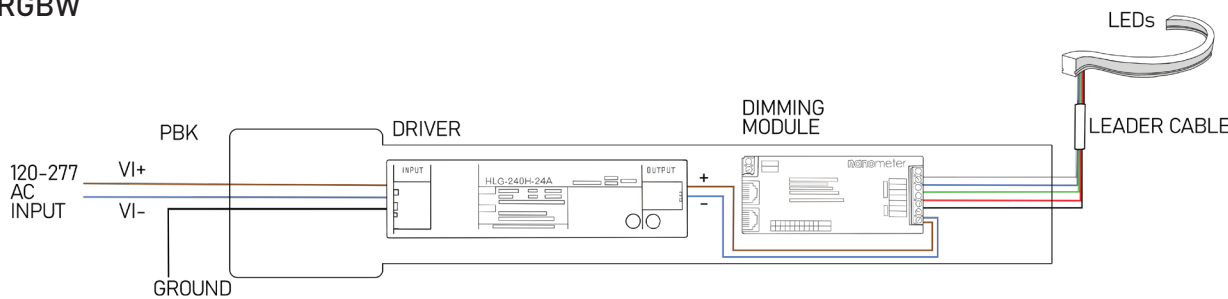
STATIC WHITE



TUNABLE WHITE

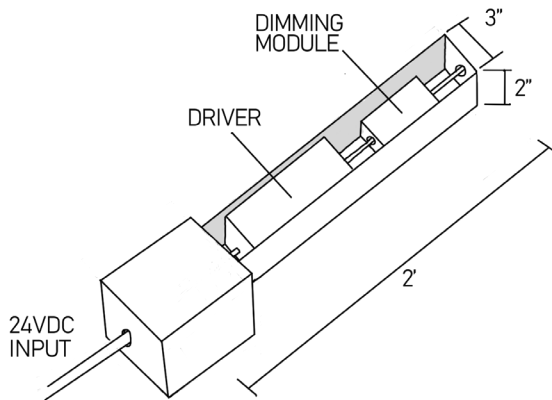


RGBW



Refer to NanoControls Spec Sheets for Pixel Controlled wiring diagrams.

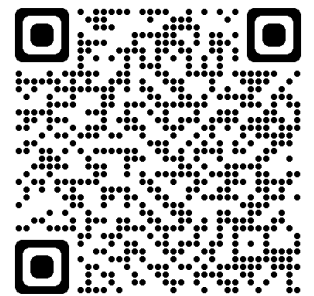
POWERBOX DIAGRAM



Wire Size (AWG)	Distance (ft.)
18	25
14	50
10	100

Data based on a Class 2 load.

Provided standard 10' 18 AWG leader. Driver can be remoted at various maximum distance. Distance will vary with load; please verify before release.



Learn more about the NanoFlex product family at nanoltg.com.