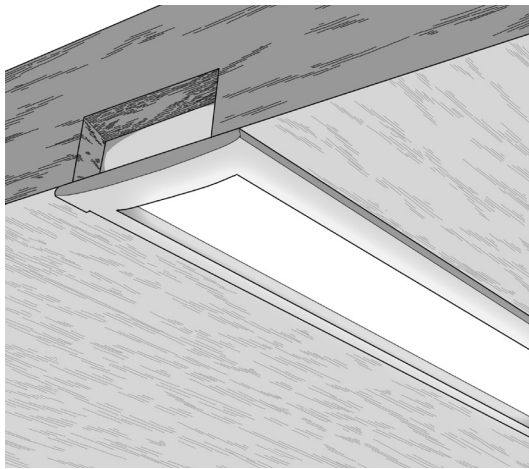


TYPE

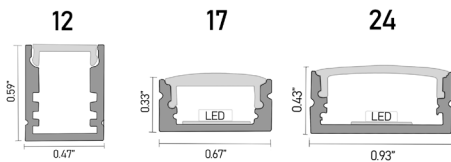


PROJECT NAME

nanoline

NanoLine Standard

The NanoLine Standard provides a low-profile uninterrupted linear lighting solution that can fit anywhere, no matter how hard to reach. Ideal for millwork and concealed coves, the Standard is an economical, dot-free solution with multiple output possibilities. Available in a variety of LED types and kelvin temperatures, it can be paired with multiple dimming options, including Nanometer's NanoControls discrete pixel dimming.



CONFIGURATION

SAMPLE ORDER CODE:
NL-S-24-C4-40-NC-MO-60-P1-R-0-BK

SERIES	TYPE	LED TYPE	CCT	DIMMING	OUTPUT
NL-S	12 0.47"	S STATIC WHITE	27 2700K	10 0-10V <small>for Static only</small>	E0 ECONOMY
			30 3000K		
	35 3500K		DA DALI INTERFACE	S0 STANDARD	
	40 4000K		10X DUAL 0-10V <small>for Tunable only. Apply 0.5 light loss factor for tuning algorithm.</small>		
	50 5000K		WD 0-10V WARM-DIM <small>for Tunable only</small>	MO MEDIUM	
17 0.67"	T TUNABLE WHITE	27-65 2700-6500K <small>others available</small>	EV PHASE <small>for Static only</small>	H0 HIGH	
24 0.93"	C3 RGB <small>Only available in Economy and Standard output</small>	RGB	POE PoE INTERFACE	V0 VERY HIGH	
	C4 RGBW <small>Not available in Very High output</small>	40 4000K	NC pixel CONTROLLED <small>Refer to NanoControls specs for required equipment</small>		
				LAT LUTRON ATHENA NODE <small>Static and Tunable only</small>	
				NLT NLIGHT AIR INTERFACE <small>Static and Tunable only</small>	
				0 OTHER <small>Contact manufacturer for more options</small>	

LENGTH (in.)	FEED LOCATION	MOUNTING	LENS	MOUNTING FINISH
LENGTH	P1 END FEED	S SURFACE	O OPAL	WH WHITE
	P2 BACK FEED	R RECESSED	C CLEAR	BK BLACK
				AL ALUMINUM
				0 OTHER <small>Contact factory</small>

nanometer

lighting 57-10 49th place, maspeth, ny, 11378 | 718.497.0394 | nanoltg.com

12/20/2023

TECHNICAL SPECS

Weight	0.1-0.16 lbs / ft
Luminous Output	177-1125 LM/sq ft
Input Voltage	120 to 277VAC
Min/Max Operating Temperature	-13°F to 158°F

PHOTOMETRIC DATA

	LED TYPE	CRI	OUTPUT	WATTS/FT	LUMENS/FT
	STATIC WHITE (4000K)	90+ CRI	ECONOMY (DOT-FREE)	1.5	175
	STATIC WHITE (4000K)	90+ CRI	STANDARD (DOT-FREE)	3.1	351
	STATIC WHITE (4000K)	90+ CRI	MEDIUM (DOT-FREE)	4.6	526
	STATIC WHITE (4000K)	90+ CRI	HIGH	5.8	915
	STATIC WHITE (4000K)	90+ CRI	VERY-HIGH	7.3	1219
	TUNABLE WHITE (WW + CW)	90+ CRI	ECONOMY (DOT-FREE)	3.0	341
	TUNABLE WHITE (WW + CW)	90+ CRI	STANDARD (DOT-FREE)	4.6	489
	TUNABLE WHITE (WW + CW)	90+ CRI	MEDIUM	5.5	915
	TUNABLE WHITE (WW + CW)	90+ CRI	HIGH	7.3	1220
	TUNABLE WHITE (WW + CW)	90+ CRI	VERY-HIGH	8.5	1463
	RGB (ALL ON)	80+ CRI	ECONOMY (DOT-FREE)	4.6	183
	RGB (ALL ON)	80+ CRI	STANDARD	7.0	293
	RGBW (ALL ON)	80+ CRI	ECONOMY (DOT-FREE)	4.9	274
	RGBW (ALL ON)	90+ CRI	STANDARD	4.4	258
	RGBW (ALL ON)	90+ CRI	MEDIUM	5.9	401
	RGBW (ALL ON)	90+ CRI	HIGH	7.3	551

Contact manufacturer for Pixel Controlled photometric data.

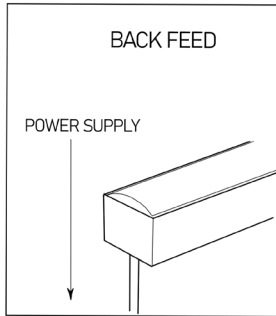
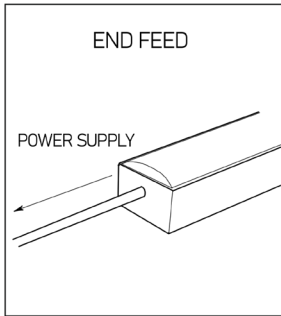
DIFFUSER LLF FACTORS

OPAL	0.74
CLEAR	0.95

STATIC WHITE CCT FACTORS

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

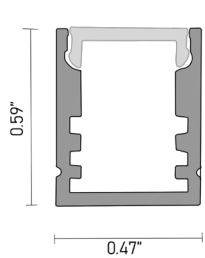
FEED OPTIONS



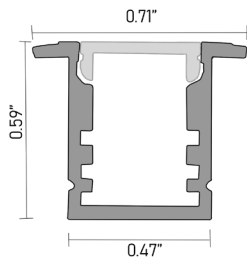
See manufacturer shop drawings for exact locations of back feed penetrations.

DIMENSIONS

12

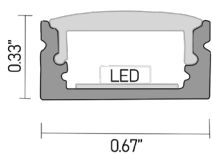


SURFACE

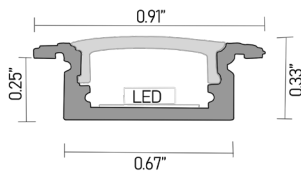


RECESSED

17

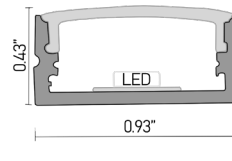


SURFACE

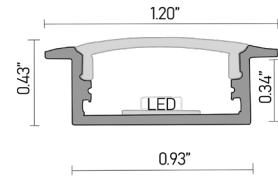


RECESSED

24



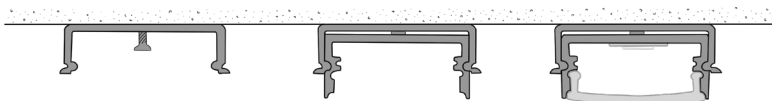
SURFACE



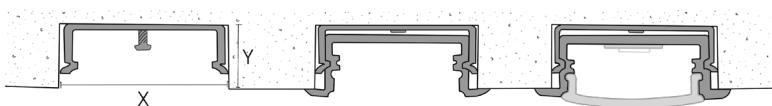
RECESSED

MOUNTING

SURFACE



RECESSED



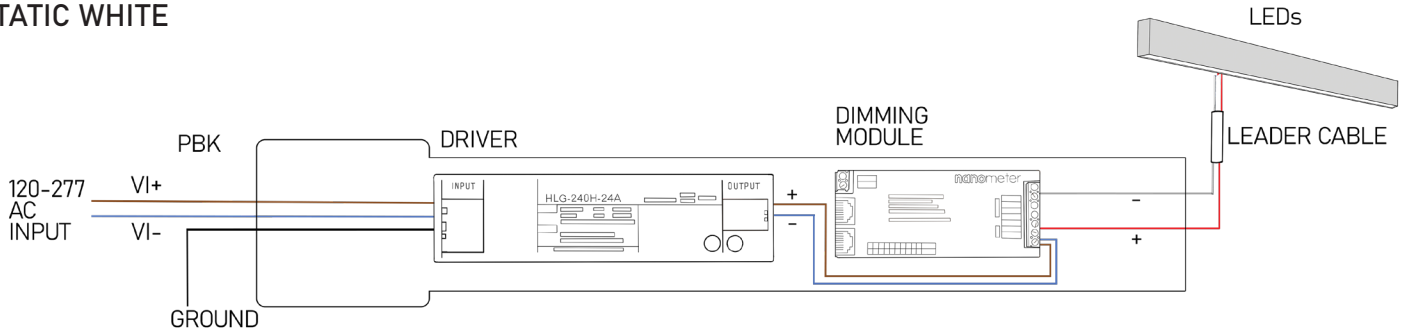
RECESSED POCKET DIMENSIONS

	X	Y
12	0.56"	0.62"
17	0.75"	0.36"
24	1.00"	0.45"

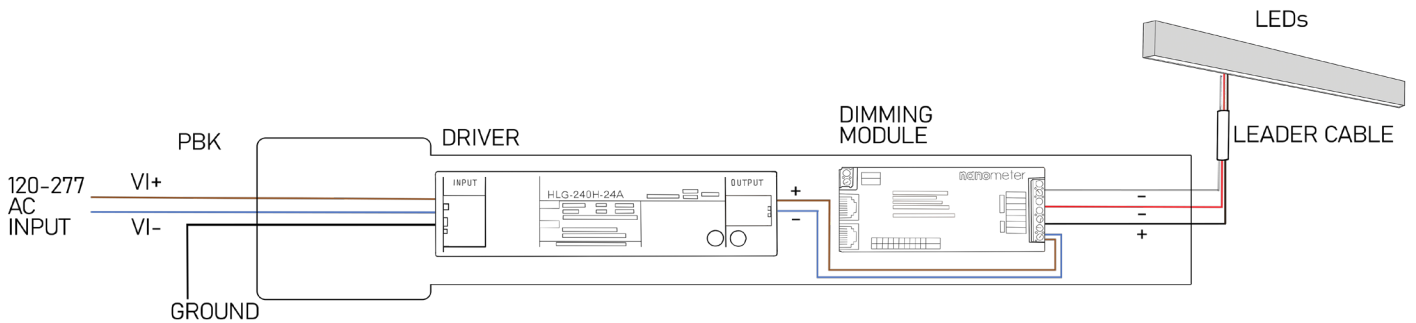
nanoline

REMOTE WIRING DIAGRAMS STATIC WHITE

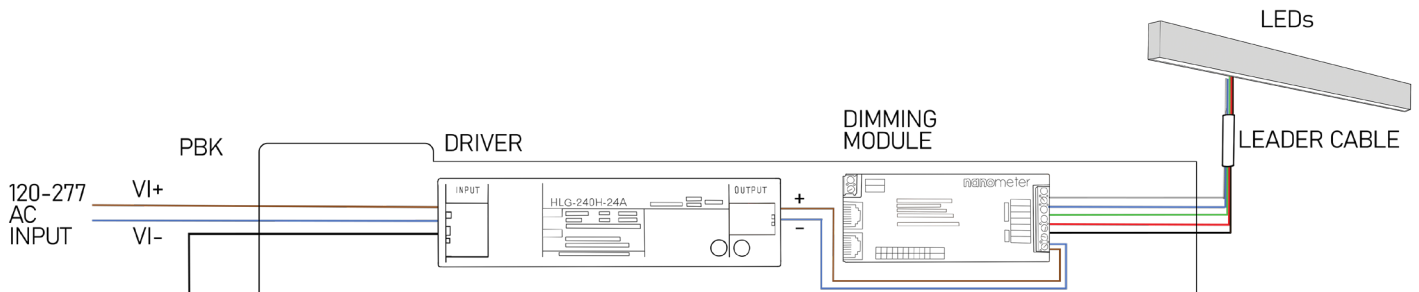
NanoLine Standard



TUNABLE WHITE

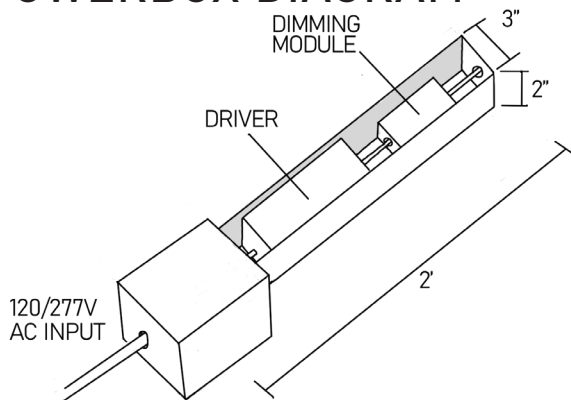


RGBW



Refer to NanoControls Spec Sheets for Pixel Controlled wiring diagrams.

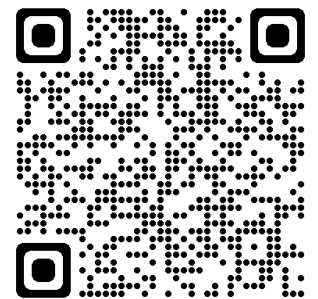
POWERBOX DIAGRAM



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 NanoLine product family at nanoltg.com.