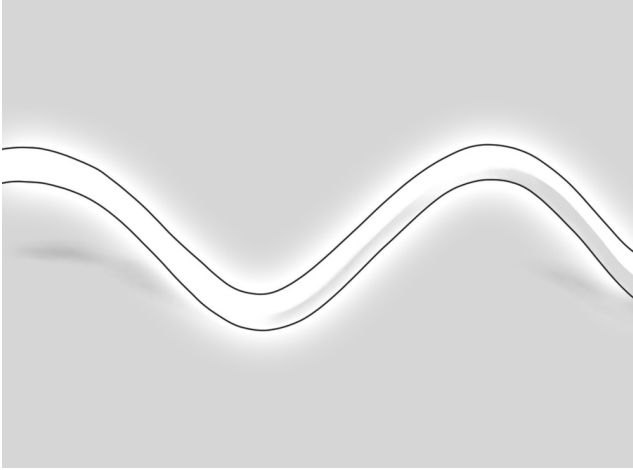


TYPE

PROJECT NAME



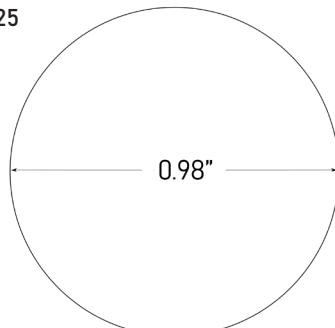
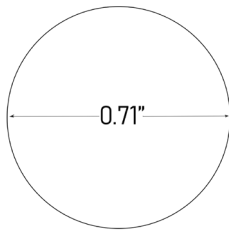
# nanoflex

## NanoFlex Rope

The NanoFlex Rope offers seamless 360-degree lighting for a wide variety of indoor or outdoor applications, from signage to displays to art installations. The silicone extrusion sheathing material is flexible and non-yellowing and offers dot-free lighting in any length up to 16.4 feet (5 meters). Available with a variety of dimming options.

18

25



### CONFIGURATION

SAMPLE ORDER CODE:  
NFX-R-18-S-35-9-LAT-S0-36-P1-PH-ME-BK

SERIES	TYPE	LED TYPE	CCT		CRI	DIMMING		OUTPUT	
NFX-R-	18 0.71"	S STATIC	27	2700K	9 90+	10	0-10V	SO	STANDARD
	25 0.98"		30	3000K		DX	DMX	HE	HIGH EFFICIENCY
			35	3500K		DA	DALI		
			40	4000K		EV	PHASE		
			50	5000K		POE			
				LAT	LUTRON ATHENA				
					0	OTHER	Contact manufacturer for more options		

LENGTH (in.)	FEED LOCATION	MOUNTING	OPTIONS	FINISH
Maximum: 16.4' (196")	P1 END FEED	CL SURFACE CLIPS	ME METAL ENDCAPS	WH WHITE
		PH HORIZONTAL PENDANT MOUNTING	WF WOVEN FABRIC WRAP WITH METAL ENDCAPS	BK BLACK
		PV VERTICAL PENDANT MOUNTING		AL ALUMINUM

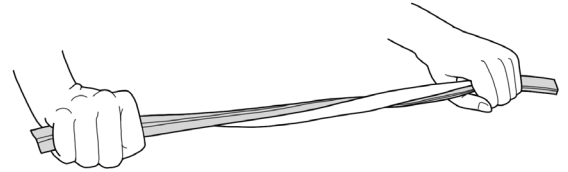
# nanoflex

## NanoFlex Rope

### TECHNICAL SPECIFICATION

Diameter	0.71" and 0.98"
Luminous Output	260 - 300 LM/ft
Weight	1lb/ft and 1.3lb/ft
Minimum Bend Diameter	3.94"
Maximum Twist Degree	360°/39.4"
Max. Run per Leader Cable	16.4'

 MAX. TWIST IS 360° PER 39.4"



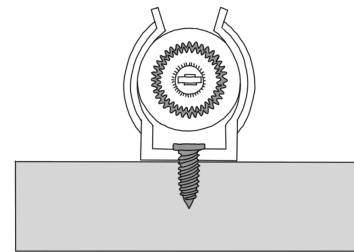
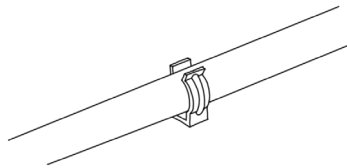
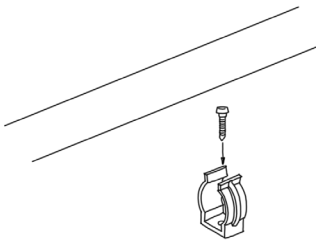
### PHOTOMETRIC DATA & CUT INCREMENTS

	LED TYPE	OUTPUT	CUT INCREMENT	WATTS/FT	LUMENS/FT	
					80+ CRI	90+ CRI
18	STATIC WHITE (4000K)	STANDARD	FREE CUTTING ANY LENGTH	3.66	--	260
	STATIC WHITE (4000K)	HIGH-EFFICIENCY	EVERY 1.16"	4.2	--	300
25	STATIC WHITE (4000K)	STANDARD	EVERY 1.16"	5.49	--	490
	STATIC WHITE (4000K)	HIGH-EFFICIENCY	EVERY 1.16"	6.3	--	565

### MOUNTING OPTIONS

#### SURFACE CLIP

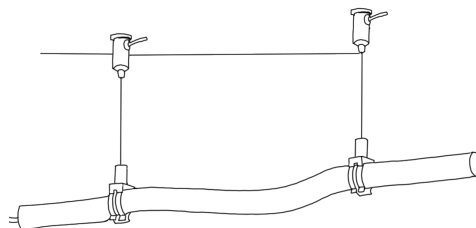
SURFACE OR CEILING MOUNTING BY CLIP



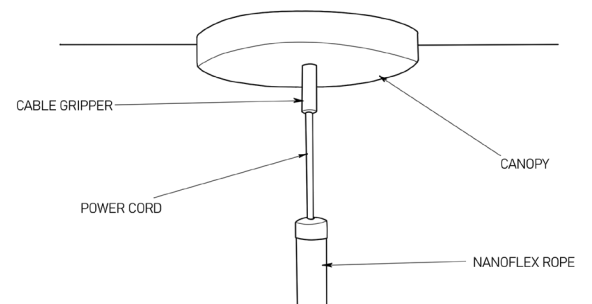
#### PENDANT MOUNTED BY AIRCRAFT CABLE

Horizontal pendants are mounted using aircraft cable. Vertical pendants are mounted using the power cord and a ceiling canopy mounted to the junction box for weight distribution.

##### HORIZONTAL MOUNT



##### VERTICAL MOUNT



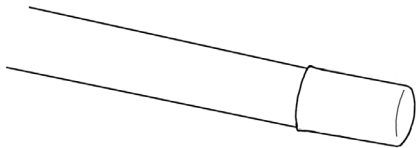
## nanometer

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

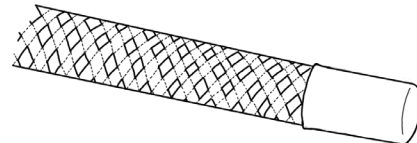
1/23/2024

### OPTIONAL ACCESSORIES

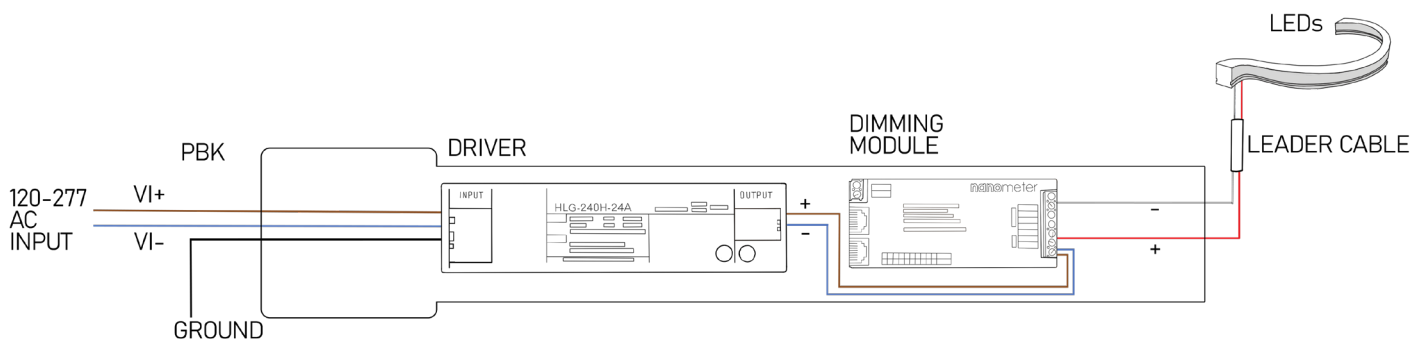
METAL ENDCAPS



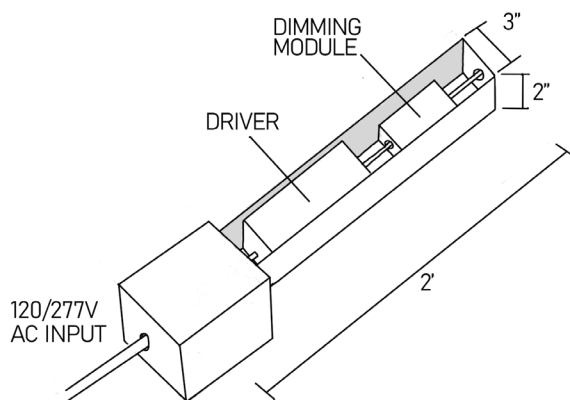
WOVEN FABRIC WRAP WITH METAL ENDCAPS



### WIRING



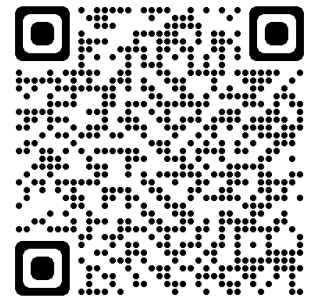
### POWERBOX DIAGRAM



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 removed at various maximum distance.  
Distance will vary with load; please verify before release.



Learn more about the NanoFlex product family at [nanoltg.com](http://nanoltg.com).