

**Create Unlimited Runs of Continuous Solid Lines of Light.**

Complete lighting solution that offers a low profile and easily bends against it's line of light (opposite bend to Super Neon Edge). Ultra flexible, bends easily, free from any form of shape memory. Create endless contours, forms, lines, curves and shapes of powerful solid light. Transparent ends allows for unlimited run lengths, combined with integral "No Tool" connectors and simple leader/jumper cables. UV protected IP67 Wet Location Rated.



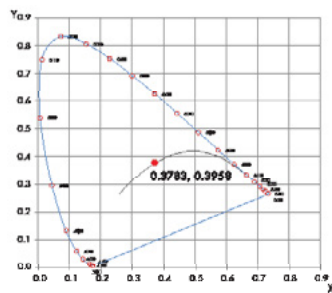
**OUTPUT**

Delivered Lumens	3829.30
CCT & SDMC	4000K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.3710 y: 0.3900 u: 0.2139 v: 0.5059
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	27.23
CRI	88
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

**ELECTRICAL**

Input Voltage	24V DC
Power Consumption	140.40W (1.17A)
Power Factor	≤ 1
Control	100 - 277V 0-10V & Magnetic Low Voltage

**CIE 1931 CHROMATICITY DIAGRAM**



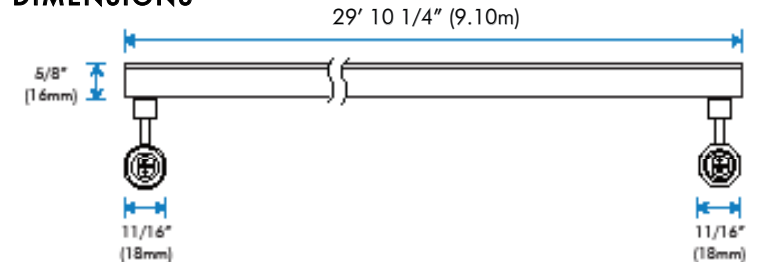
**LUMINANCE DATA**  
(cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4854	3617	3598
55	4571	3477	3520
65	4156	3382	3475
75	3738	3375	3516
85	3308	3525	3634

**PHYSICAL**

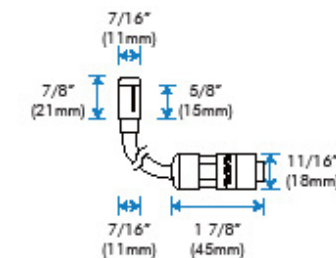
Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 29' 10 1/4" (9.10m) Width 7/16" (11mm) Height 7/8" (21mm)
Weight	144 oz (4,082g)
Construction	UV Resistant Tough White Flexible PVC
Thermal Management	Cool to Touch, Free Air Convection
Optics	N/A
Fixture Connections	Male Barrel Connector
Operating Temperature	-4°F ~ 113°F (-20°C ~ 45°C)
Storage Temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Humidity	0-95% Non Condensing

**DIMENSIONS**

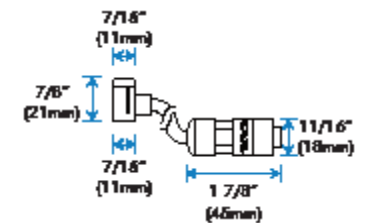


**CONNECTOR DIMENSIONS**

**Bottom Feed**



**Side Feed**



Project Name:

Notes:

**STANDARDS & CERTIFICATIONS**

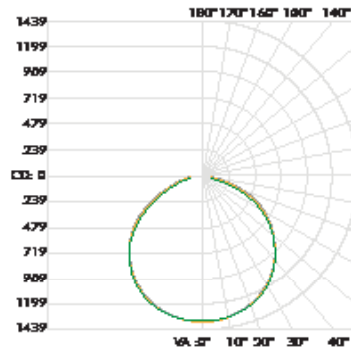


## ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	354.58 fc	5.9 ft 5.5 ft
4.0 ft	88.64 fc	11.7 ft 11.0 ft
6.0 ft	44.32 fc	17.6 ft 16.6 ft
8.0 ft	22.16 fc	23.4 ft 22.1 ft
10.0 ft	11.08 fc	29.3 ft 27.6 ft
12.0 ft	8.86 fc	35.1 ft 33.1 ft

Vert. Spread: 111.3°  
Horiz. Spread: 108.1°

## POLAR CANDELA DISTRIBUTION



-22.50° H  
-45° H  
-67.50° H

## ZONAL LUMEN SUMMARY

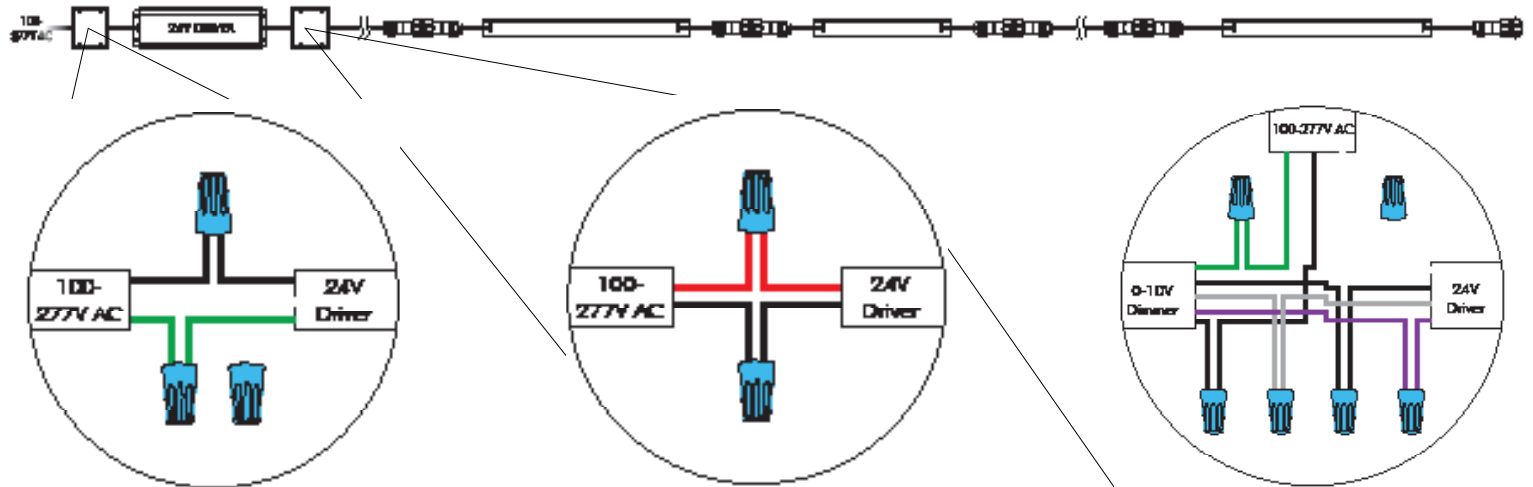
Zone	Lumens	% Lamp	% Fixt
0-30	562.91	N.A.	14.70%
0-40	938.18	N.A.	24.50%
0-60	1792.11	N.A.	46.80%
60-90	781.18	N.A.	20.40%
0-90	2891.12	N.A.	75.50%
90-180	938.18	N.A.	24.50%
0-180	3829.30	N.A.	100.00%

## LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	67.77	N.A.	1.77%
10-20	194.91	N.A.	5.09%
20-30	300.12	N.A.	7.84%
30-40	376.03	N.A.	9.82%
40-50	421.22	N.A.	11.00%
50-60	432.71	N.A.	11.30%
60-70	412.79	N.A.	10.78%
70-80	369.52	N.A.	9.65%
80-90	314.38	N.A.	8.21%
90-100	260.77	N.A.	6.81%

## WIRING

### UL / cUL Non-Dimming



### UL / cUL 0-10V Dimming



## WIRING LEGEND

Power (100-277V AC)	24V Driver	0-10V Dimmer
Power Positive	Power Positive	Power In
Power Negative	Power Negative	Power Out
Ground		Ground
		Data Positive
		Data Negative

## MAX CONTINUOUS RUN

150W Driver 30ft

## ACCESSORIES



**SN-LDR-CBL-5FT**  
5' Leader Cable

Connects SUPER NEON to Power Supply

Cable Dimension	Connector Dimension
5' (3m)	L: 1 3/8" (30mm)
	W: 5/8" (17mm)
	H: 1/2" (14mm)



**SN-LDR-CBL-10FT**  
10' Leader Cable

Connects SUPER NEON to Power Supply

Cable Dimension	Connector Dimension
10' (3m)	L: 1 3/8" (30mm)
	W: 5/8" (17mm)
	H: 1/2" (14mm)



**SN-LDR-CBL-20FT**  
20' Leader Cable

Connects SUPER NEON to Power Supply

Cable Dimension	Connector Dimension
20' (3m)	L: 1 3/8" (30mm)
	W: 5/8" (17mm)
	H: 1/2" (14mm)



**SNX-CLP-S2**  
Aluminum Mounting Clip

Aluminum Mounting Clip for SUPER NEON X

L: 2" (50mm)
W: 5/8" (17mm)
H: 15/16" (24mm)



**SNX-XTR-1F**  
1' Aluminum Xtrusion®

1' Aluminum Xtrusion for SUPER NEON X

L: 1' (305mm)
W: 5/8" (17mm)
H: 15/16" (24mm)



**SNX-XTR-4F**  
4' Aluminum Xtrusion®

4' Aluminum Xtrusion for SUPER NEON X

L: 4' (1.22m)
W: 5/8" (17mm)
H: 15/16" (24mm)

## 24V 0-10v Dimming Driver



**MP89**  
100 - 277v

150w - IP66

L: 9 1/2" (241mm)
W: 2 5/8" (67mm)
H: 1 5/8" (40.5mm)

## 24v Non Dimming Driver



**MP17**  
100-277V AC

150w - IP67

L: 8 11/16" (222mm)
W: 2 11/16" (68mm)
H: 1 1/2" (39mm)

## STANDARDS & CERTIFICATIONS

Certification	Tested to UL & CSA by ETL For Use in USA & CANADA, Complies with California Title 24 Requirements, Lighting Facts. Exceeds ANSI C78.377A, CE & RoHS Compliant.
Class	3
Environment	Wet Location - IP67
Warranty	3 Year Limited Warranty

## ORDERING

Bottom Feed	<b>SNX-F-BF-4000K-30FT</b>
Side Feed	<b>SNX-F-SF-4000K-30FT</b>