

### 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.

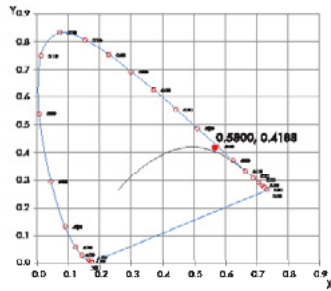
## OUTPUT

Delivered Lumens	14.28
CCT & SDMC	N/A
Chromaticity Coordinates	x: 0.1345 y: 0.0719 u: 0.1497 v: 0.1802
Color Bin Tolerance	N/A
Efficacy (lm/w)	3.05
Wavelength	470nm
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	4.68w (0.04A)
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	1249	1245	1210
55	1191	1911	1172
65	1104	1142	1162
75	922	1177	1314
85	535	1826	2392

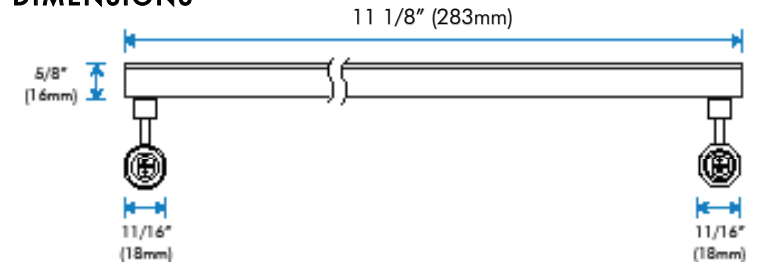
Project Name:

Notes:

## PHYSICAL

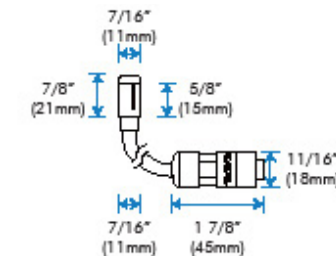
Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 11 1/8" (283mm) Width 11/16" (11mm) Height 7/8" (21mm)
Weight	4.8 oz (136g)
Construction	UV Resistant Tough White Flexible PVC
Thermal Management	Cool to Touch, Free Air Convection
Optics	N/A
Fixture Connections	Male and Female Barrel Connectors
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

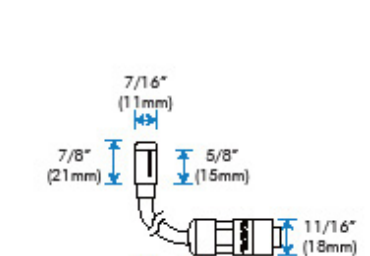


## CONNECTOR DIMENSIONS

### Bottom Feed



### Side Feed

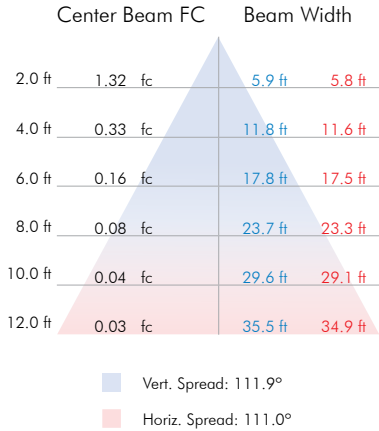


## STANDARDS & CERTIFICATIONS

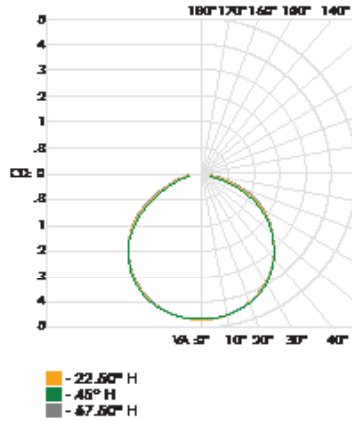


LM 79 LM 80 3 YEAR WARRANTY

## ILLUMINANCE AT A DISTANCE



## POLAR CANDELA DISTRIBUTION



## ZONAL LUMEN SUMMARY

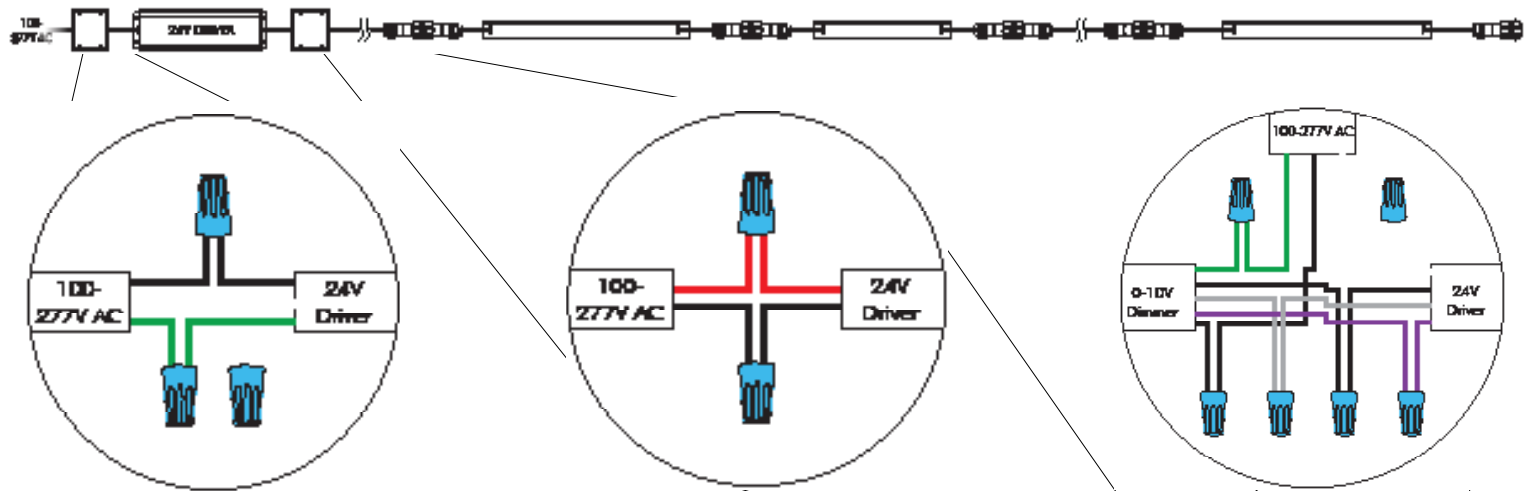
Zone	Lumens	% Lamp	% Fixt
0-30	3.74	N.A.	26.20%
0-40	6.12	N.A.	42.90%
0-60	10.79	N.A.	75.60%
60-90	2.88	N.A.	20.20%
0-90	14.28	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	14.28	N.A.	100%

## LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	0.45	N.A.	3.22%
10-20	1.30	N.A.	9.17%
20-30	2.00	N.A.	13.86%
30-40	2.37	N.A.	16.66%
40-50	2.45	N.A.	17.22%
50-60	2.22	N.A.	15.55%
60-70	1.73	N.A.	12.18%
70-80	1.14	N.A.	8.05%
80-90	0.58	N.A.	4.13%
90-100	0.00	N.A.	0.00%

## 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 30 pcs



**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)



**SN-JMP-CBL-1FT**  
1' Jumper Cable

Connects Two SUPER NEON Together

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



**SN-T**  
Terminator

Terminates SUPER NEON Fixture

L: 1" (25mm)
W: 1 1/16" (18mm)
H: 1/4" (7mm)



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

Aluminum Mounting Clip for SUPER NEON X

L: 1 3/8" (35mm)
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

## 24v Non Dimming Driver



**MP17**  
100-277v AC

150w - IP67

## 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-B-1FT</b>
Side Feed	<b>SNX-F-SF-B-1FT</b>