

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

Complete lighting solution that offers 180 degree viewing angle that easily bends against its 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.



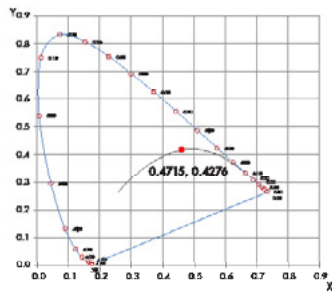
## OUTPUT

Delivered Lumens	2863.20
CCT & SDMC	4000K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.3882 y: 0.4015 u: 0.2206 v: 0.5132
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	20.39
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



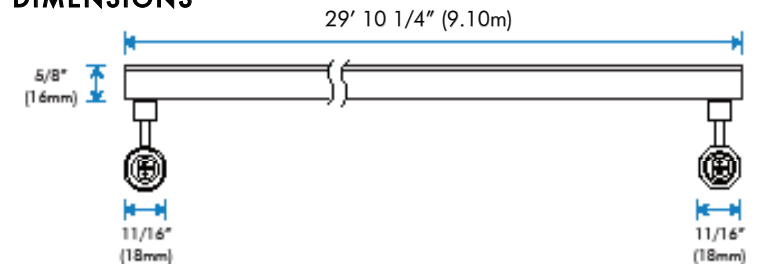
## LUMINANCE DATA (cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8485	8345	8108
55	8107	7954	7758
65	7458	7471	7504
75	6423	7441	8151
85	3683	10765	14038

## PHYSICAL

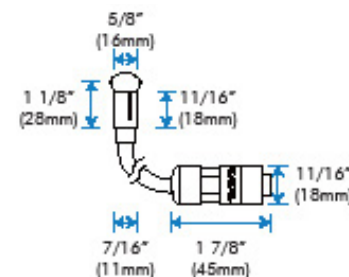
Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 29' 10 3/16" (9.10m) Width 5/8" (16mm) Height 1 1/8" (28mm)
Weight	144 oz (4,082g)
Construction	UV Resistant Tough White Flexible PVC
Thermal Management	Cool to Touch, Free Air Convection
Optics	N/A
Fixture Connections	Male 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

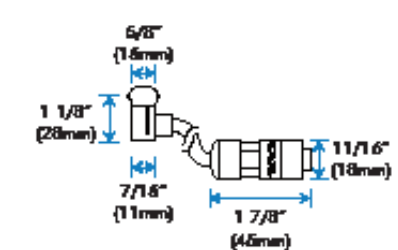


## CONNECTOR DIMENSIONS

### Bottom Feed



### Side Feed



Project Name:

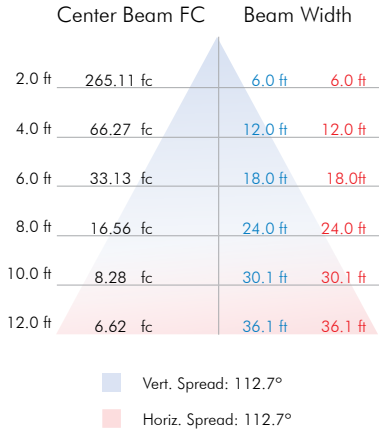
Notes:

## STANDARDS & CERTIFICATIONS

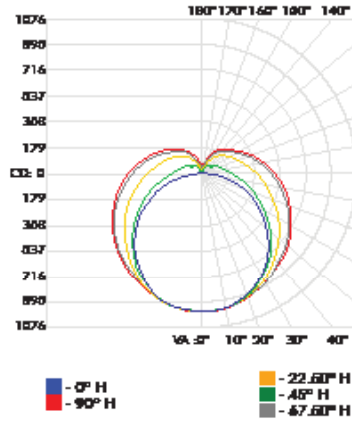


LM 79 LM 80 3 YEAR WARRANTY

## ILLUMINANCE AT A DISTANCE



## POLAR CANDELA DISTRIBUTION



## ZONAL LUMEN SUMMARY

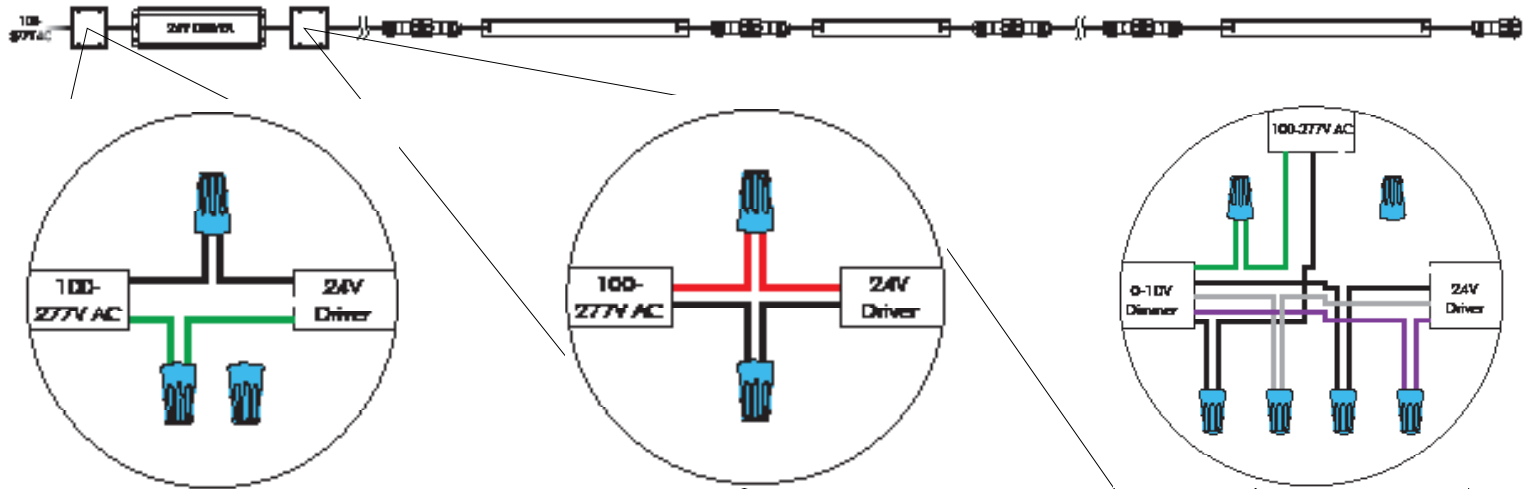
Zone	Lumens	% Lamp	% Fixt
0-30	767.34	N.A.	26.80%
0-40	1248.36	N.A.	43.60%
0-60	2190.35	N.A.	76.50%
60-90	564.05	N.A.	19.70%
0-90	2863.20	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	2863.20	N.A.	100%

## LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	93.91	N.A.	3.28%
10-20	267.99	N.A.	9.36%
20-30	403.71	N.A.	14.10%
30-40	482.16	N.A.	16.84%
40-50	495.61	N.A.	17.31%
50-60	445.51	N.A.	15.56%
60-70	344.44	N.A.	12.03%
70-80	220.47	N.A.	7.70%
80-90	108.22	N.A.	3.78%
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
<span style="color: brown;">—</span> Power Positive	<span style="color: red;">—</span> Power Positive	<span style="color: brown;">—</span> Power In
<span style="color: black;">—</span> Power Negative	<span style="color: black;">—</span> Power Negative	<span style="color: black;">—</span> Power Out
<span style="color: green;">—</span> Ground		<span style="color: green;">—</span> Ground
		<span style="color: purple;">—</span> Data Positive
		<span style="color: grey;">—</span> 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



**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-D-BF-4000K-30FT</b>
Side Feed	<b>SNX-D-SF-4000K-30FT</b>