

### 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.



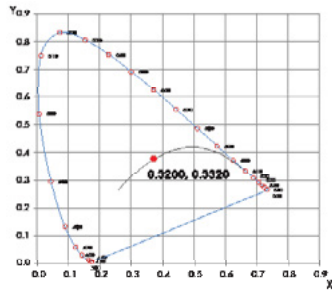
## OUTPUT

Delivered Lumens	887.52
CCT & SDMC	6000K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.3200 y: 0.3320 u: 0.2018 v: 0.4710
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	23.70
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	37.44W (0.31A)
Power Factor	≤ 1
Control	100 - 277V 0-10V & Magnetic Low Voltage

## CIE 1931 CHROMATICITY DIAGRAM



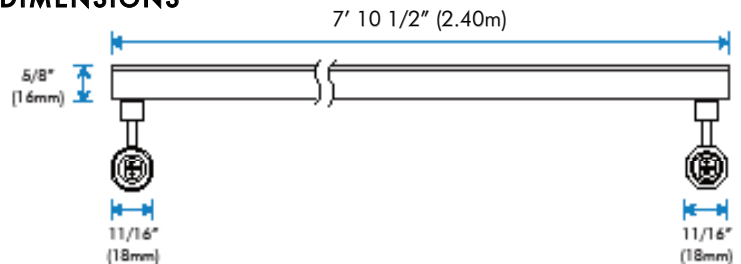
## LUMINANCE DATA (cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4816	3230	3149
55	4173	3062	3043
65	3825	2932	2987
75	3424	2878	2971
85	2960	2939	3033

## PHYSICAL

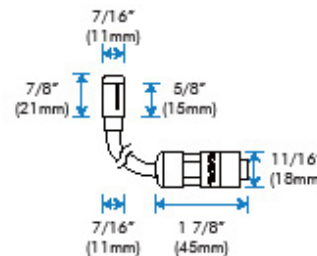
Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 7' 10 1/2" (2.40m) Width 7/16" (11mm) Height 7/8" (21mm)
Weight	38.4 oz (1,089g)
Construction	UV Resistant Tough White Flexible PVC
Thermal Management	Cool to Touch, Free Air Convection
Optics	N/A
Fixture Connections	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

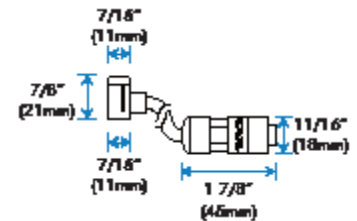


## CONNECTOR DIMENSIONS

### Bottom Feed



### Side Feed



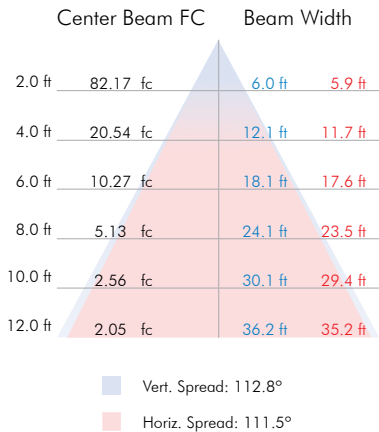
Project Name:

Notes:

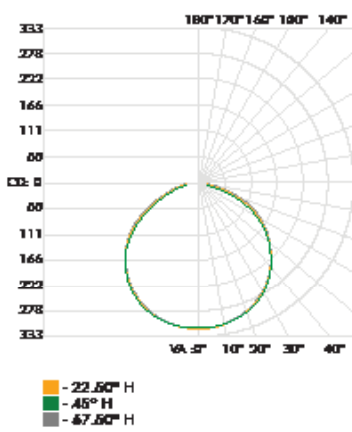
## STANDARDS & CERTIFICATIONS



ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

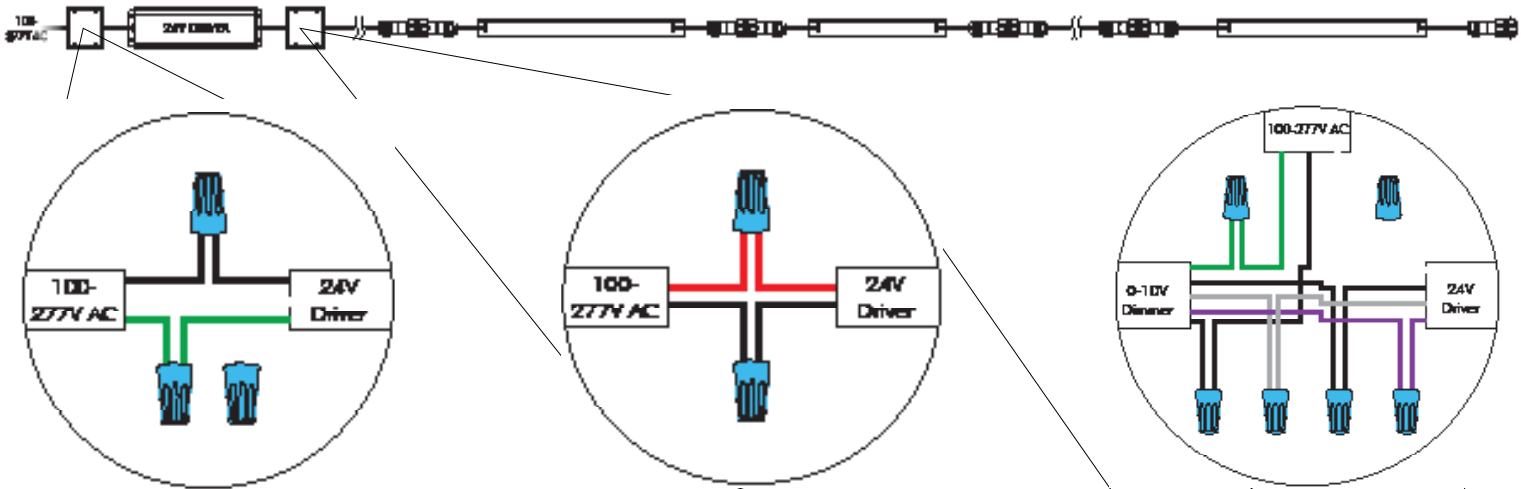
Zone	Lumens	% Lamp	% Fixt
0-30	135.79	N.A.	15.30%
0-40	226.31	N.A.	25.50%
0-60	427.78	N.A.	48.20%
60-90	180.16	N.A.	20.30%
0-90	679.00	N.A.	76.50%
90-180	208.58	N.A.	23.50%
0-180	887.52	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	16.24	N.A.	1.83%
10-20	47.00	N.A.	5.29%
20-30	72.42	N.A.	8.16%
30-40	90.34	N.A.	10.18%
40-50	100.28	N.A.	11.30%
50-60	101.88	N.A.	11.48%
60-70	95.76	N.A.	10.79%
70-80	84.31	N.A.	9.50%
80-90	70.38	N.A.	7.93%
90-100	57.68	N.A.	6.50%

WIRING

UL / cUL Non-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)



**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: 11/16" (18mm)
H: 1/4" (7mm)



**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 **SNX-F-BF-6000K-8FT**

Side Feed **SNX-F-SF-6000K-8FT**