

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.

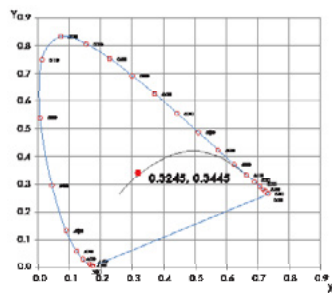
OUTPUT

Delivered Lumens	731.04
CCT & SDMC	6000K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.3245 y: 0.3445 u: 0.2002 v: 0.4781
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	19.52
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	37.44V (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	8050	8019	7860
55	7739	7710	7571
65	7153	7290	7355
75	6126	7282	8003
85	3746	10922	14227

Project Name:

Notes:

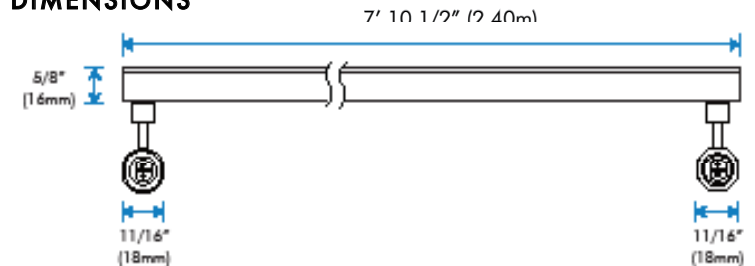
SUPER NEON X[®] DOME 6000K 8FT



PHYSICAL

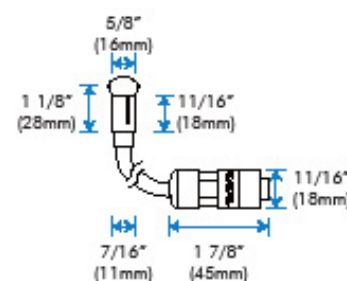
Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 7' 10 1/2" (2.40m) Width 3/5" (16mm) Height 1 1/10" (28mm)
Weight	38.4 oz (1,089g)
Construction	UV Resistant Tough White Flexible PVC
Thermal Management	Cool to Touch, Free Air Convection
Optics	N/A
Fixture Connections	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

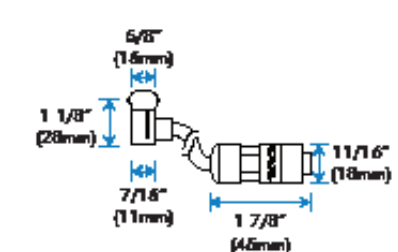


CONNECTOR DIMENSIONS

Bottom Feed



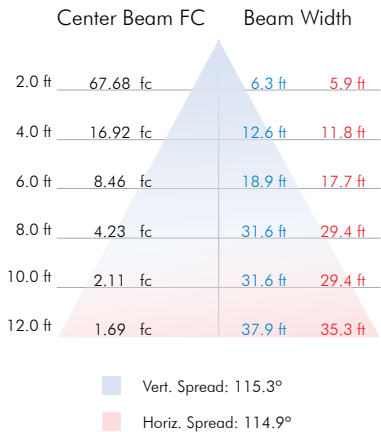
Side Feed



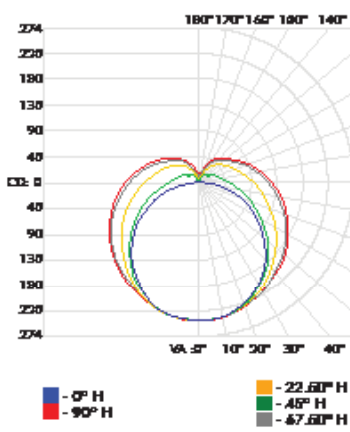
STANDARDS & CERTIFICATIONS



ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

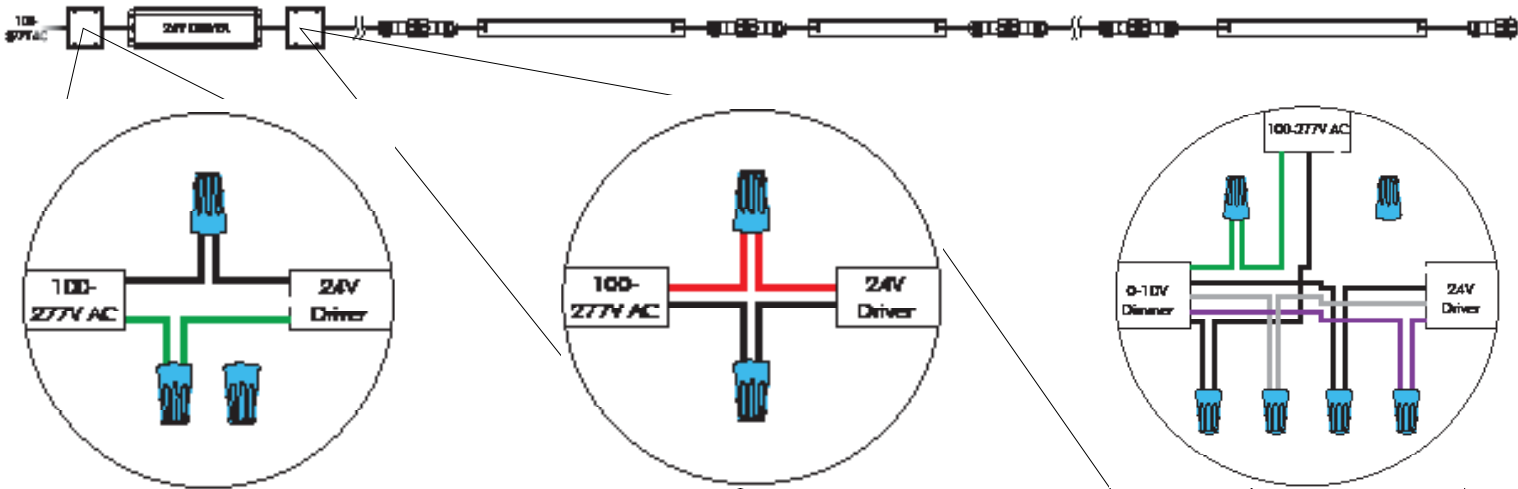
Zone	Lumens	% Lamp	% Fixt
0-30	191.53	N.A.	26.20%
0-40	313.61	N.A.	42.90%
0-60	555.59	N.A.	76.00%
60-90	146.93	N.A.	20.10%
0-90	731.04	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	731.04	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	23.39	N.A.	3.20%
10-20	66.89	N.A.	9.15%
20-30	101.39	N.A.	13.87%
30-40	122.15	N.A.	16.71%
40-50	126.68	N.A.	17.33%
50-60	114.84	N.A.	15.71%
60-70	89.25	N.A.	12.21%
70-80	57.45	N.A.	7.86%
80-90	28.72	N.A.	3.93%
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 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-D-BF-6000K-8FT**

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