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.
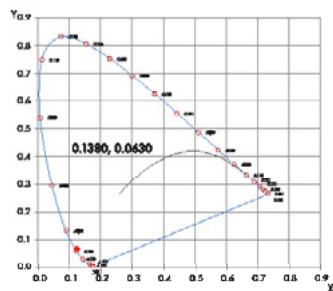
OUTPUT

Delivered Lumens	47.36
CCT & SDMC	N/A
Chromaticity Coordinates	x: 0.1380 y: 0.0630 u: 0.1586 v: 0.1629
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	2.52
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

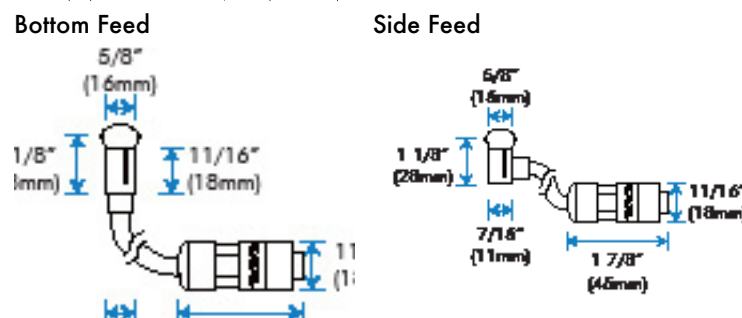|	
Input Voltage	24V DC
Power Consumption	18.72W (0.15A)
Power Factor	≤ 1
Dimming	100-277V 0-10V & Magnetic Low Voltage
Emergency	N/A

PHYSICAL

Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 3' 11 3/16" (1.20m) Width 11/16" (16mm) Height 1 1/8" (28mm)
Weight	19.20 oz (544g)
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
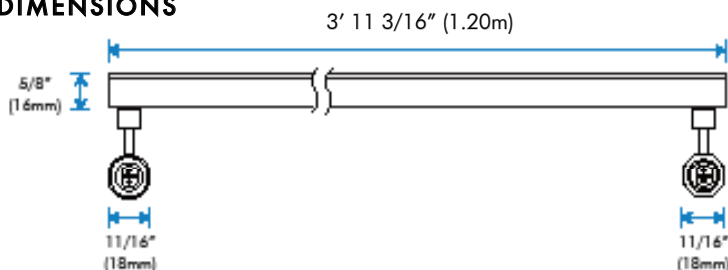
CIE 1931 CHROMATICITY DIAGRAM

0.1380, 0.0630

LUMINANCE DATA
(cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	484	356	350
55	465	338	341
65	419	328	340
75	382	322	337
85	313	333	345

Project Name:

Notes:

DIMENSIONS

3' 11 3/16" (1.20m)

5/8" (16mm)

11/16" (18mm)

11/16" (18mm)

CONNECTOR DIMENSIONS

Bottom Feed

5/8" (16mm)

1/8" (3mm)

11/16" (18mm)

Side Feed

5/8" (16mm)

1 1/8" (28mm)

11/16" (18mm)

7/16" (11mm)

1 7/8" (45mm)

STANDARDS & CERTIFICATIONS

LM 79   LM 80   3 YEAR WARRANTY

ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width	
2.0 ft	4.38 fc	5.9 ft	5.5 ft
4.0 ft	1.09 fc	11.7 ft	11.0 ft
6.0 ft	0.54 fc	17.6 ft	16.6 ft
8.0 ft	0.27 fc	23.4 ft	22.1 ft
10.0 ft	0.13 fc	29.3 ft	27.6 ft
12.0 ft	0.10 fc	35.1 ft	33.1 ft

Vert. Spread: 114.5°
Horiz. Spread: 108.1°
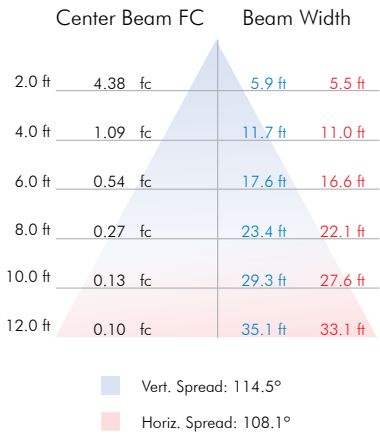
POLAR CANDELA DISTRIBUTION

- 0° H
- 90° H
- 22.60° H
- 45° H
- 67.60° H
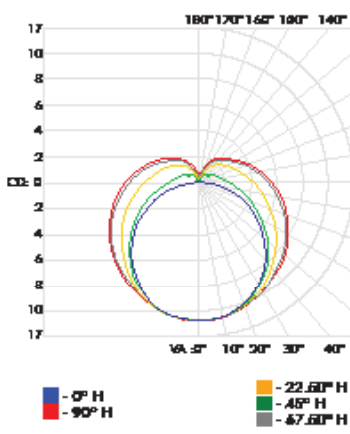
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	7.10	N.A.	15.00%
0-40	11.84	N.A.	25.00%
0-60	22.59	N.A.	47.70%
60-90	9.70	N.A.	20.50%
0-90	36.08	N.A.	76.20%
90-180	11.22	N.A.	23.70%
0-180	47.36	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	0.84	N.A.	1.78%
10-20	2.45	N.A.	5.19%
20-30	3.7-9	N.A.	8.02%
30-40	4.75	N.A.	10.05%
40-50	5.29	N.A.	11.18%
50-60	5.45	N.A.	11.51%
60-70	5.14	N.A.	10.86%
70-80	4.56	N.A.	9.64%
80-90	3.79	N.A.	8.02%
90-100	3.14	N.A.	6.65%

WIRING

UL / cUL Non-Dimming
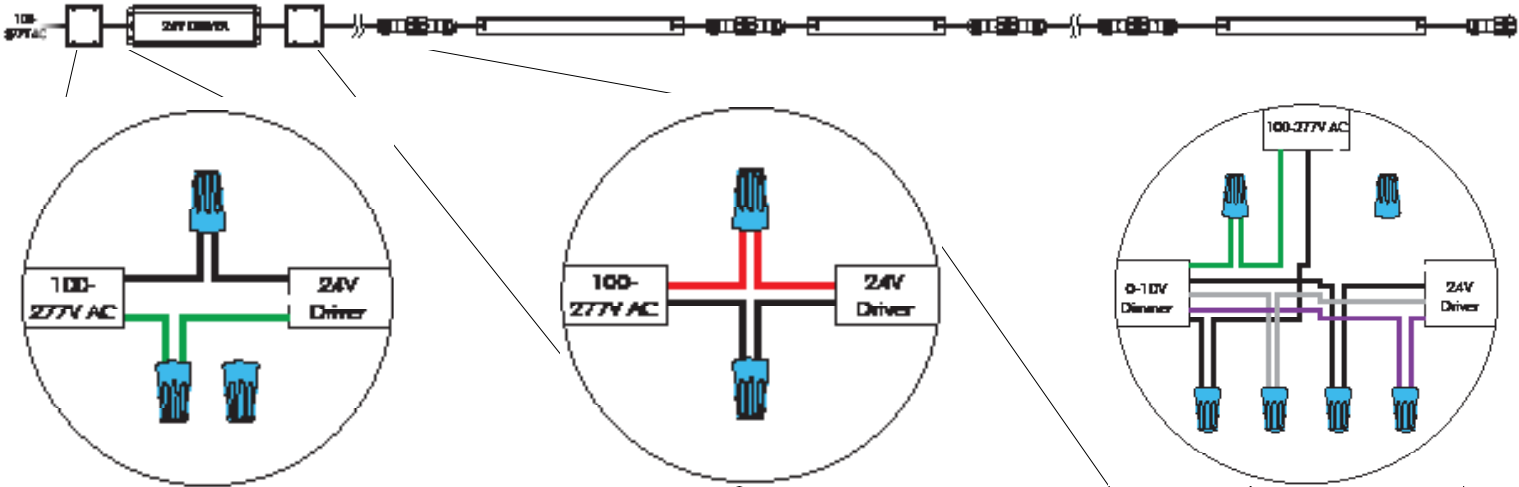
UL / cUL 0-10V Dimming

WIRING LEGEND

Power (100-277V AC)
- ▬ Power Positive
- ▭ Power Negative
- ▬ Ground (green)

24V Driver
- ▬ Power Positive (red)
- ▬ Power Negative

0-10V Dimmer
- ▬ Power In
- ▬ Power Out
- ▬ Ground (green)
- ▬ Data Positive (purple)
- ▬ Data Negative (gray)

MAX CONTINUOUS RUN

150W Driver   30ft

ACCESSORIES

SN-LDR-CBL-5FT 5' Leader Cable	SN-LDR-CBL-10FT 10' Leader Cable	SN-LDR-CBL-20FT 20' Leader Cable	SN-JMP-CBL-1FT 1' Jumper Cable
Connects SUPER NEON to Power Supply	Connects SUPER NEON to Power Supply	Connects SUPER NEON to Power Supply	Connects Two SUPER NEON Together

SN-LDR-CBL-5FT — 5' Leader Cable
Cable Dimmension 5' (3m)
Connector Dimmension
L: 1 3/8" (30mm)
W: 5/8" (17mm)
H: 1/2" (14mm)

SN-LDR-CBL-10FT — 10' Leader Cable
Cable Dimmension 10' (3m)
Connector Dimmension
L: 1 3/8" (30mm)
W: 5/8" (17mm)
H: 1/2" (14mm)

SN-LDR-CBL-20FT — 20' Leader Cable
Cable Dimmension 20' (3m)
Connector Dimmension
L: 1 3/8" (30mm)
W: 5/8" (17mm)
H: 1/2" (14mm)

SN-JMP-CBL-1FT — 1' Jumper Cable
Connector Dimmension
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-B-4FT
Side Feed	SNX-D-SF-B-4FT