modaLIGHT

SPECIFICATION

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.
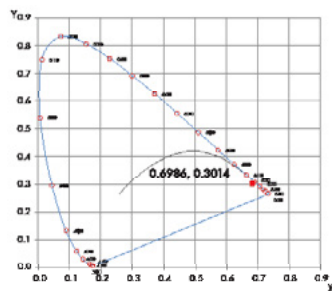
OUTPUT

Delivered Lumens	21.36
CCT & SDMC	N/A
Chromaticity Coordinates	x: 0.6986 y: 0.3014 u: 0.5353 v: 0.5197
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	4.56
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

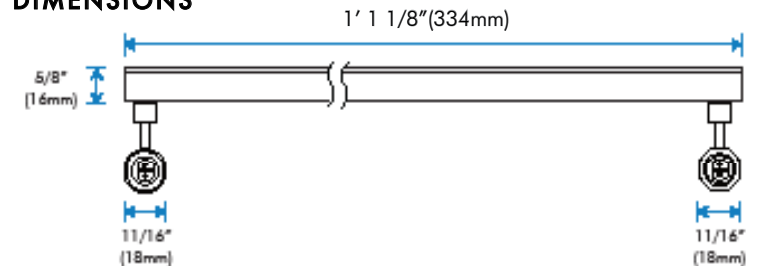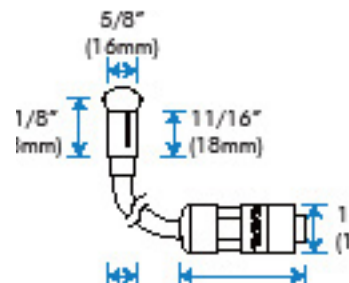|	
Input Voltage	24V DC
Power Consumption	4.68W (0.04A)
Power Factor	≤ 1
Dimming	100-277V 0-10V & Magnetic Low Voltage

PHYSICAL

Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 1' 1 1/8"(334mm) Width 11/16" (16mm) Height 1 1/8" (28mm)
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

CIE 1931 CHROMATICITY DIAGRAM

0.6986, 0.3014

LUMINANCE DATA
(cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1878	1866	1831
55	1794	1774	1736
65	1655	1688	1720
75	1431	1717	1897
85	787	2644	3462

Project Name:

Notes:
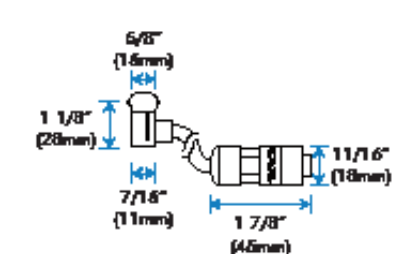
STANDARDS & CERTIFICATIONS

ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width	
2.0 ft	1.97 fc	6.0 ft	6.0 ft
4.0 ft	0.49 fc	12.0 ft	12.0 ft
6.0 ft	0.24 fc	18.1 ft	18.1 ft
8.0 ft	0.12 fc	24.1 ft	24.1 ft
10.0 ft	0.06 fc	30.1 ft	30.1 ft
12.0 ft	0.04 fc	36.1 ft	36.1 ft

Vert. Spread: 112.8°
Horiz. Spread: 112.8°
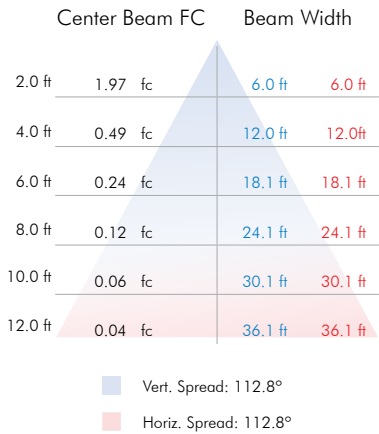
POLAR CANDELA DISTRIBUTION

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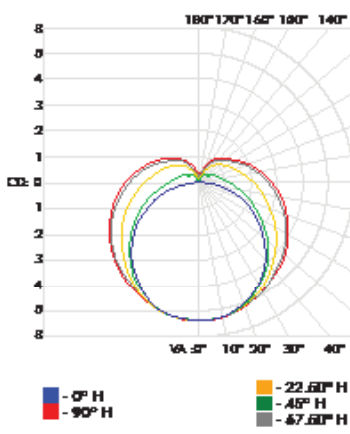
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	5.61	N.A.	26.30%
0-40	9.18	N.A.	43.00%
0-60	16.21	N.A.	75.90%
60-90	4.27	N.A.	20.00%
0-90	21.36	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	21.36	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	0.67	N.A.	3.18%
10-20	1.95	N.A.	9.17%
20-30	2.96	N.A.	13.90%
30-40	3.57	N.A.	16.76%
40-50	3.69	N.A.	17.32%
50-60	3.33	N.A.	15.59%
60-70	2.58	N.A.	12.12%
70-80	1.68	N.A.	7.91%
80-90	0.85	N.A.	4.02%
90-100	0.00	N.A.	0.00%

WIRING

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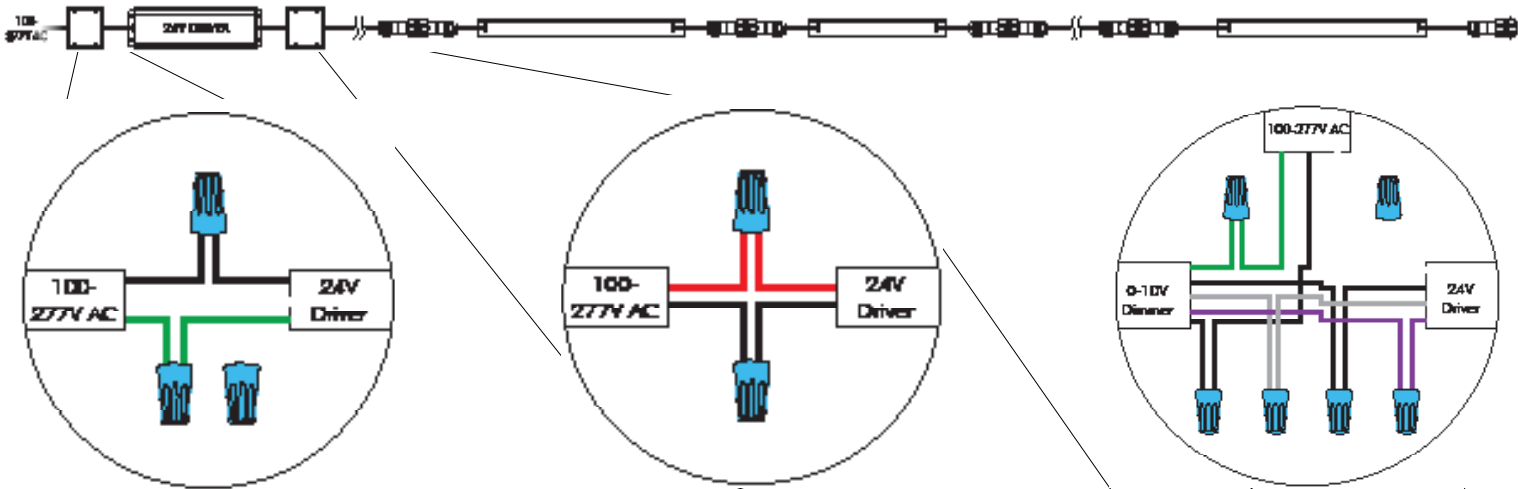
UL / cUL 0-10V Dimming

WIRING LEGEND

Power (100-277V AC)
- Power Positive
- Power Negative
- Ground

24V Driver
- Power Positive
- Power Negative

0-10V Dimmer
- Power In
- Power Out
- 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 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

Connects SUPER NEON to Power Supply

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

Connects SUPER NEON to Power Supply

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

Connects Two SUPER NEON Together

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-R-1FT**
Side Feed	**SNX-D-SF-R-1FT**