# modaLIGHT®
SPECIFICATION

Create Unlimited Runs of Continuous Solid Lines of Light.

Complete lighting solution that offers a low profile and easily bends along it's line of light (opposite bend to Super Neon X Dome & Flat). 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.
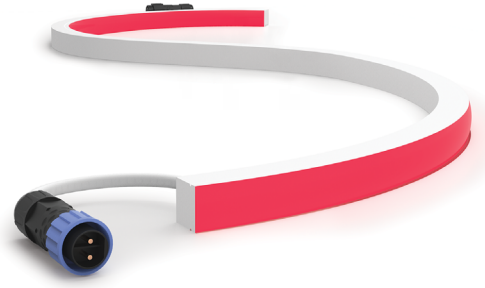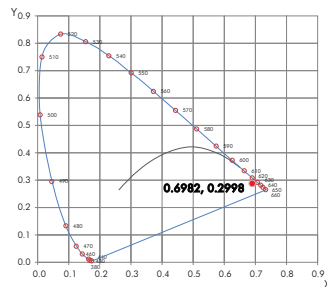
OUTPUT

Delivered Lumens	250.48
CCT & SDMC	N/A
Chromaticity Coordinates	x: 0.6982 y: 0.2998 u: 0.5370 v: 0.5188
Color Bin Tolerance	N/A
Efficacy (lm/w)	18.52
Wavelength	627nm
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

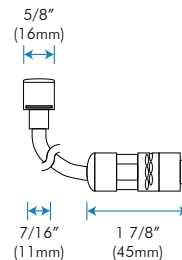|	
Input Voltage	24v DC
Power Consumption	13.52w (0.11A)
Power Factor	≤ 1
Dimming	100 - 277v 0-10v & Magnetic Low Voltage
Emergency	N/A

PHYSICAL

Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 4' 1/8" (1.22m)) Width 5/8" (16mm) Height 9/16" (15mm)
Weight	19.2 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

DIMENSIONS

4' 1/8" (1.22m)
5/8" (16mm)
11/16" (18mm)
11/16" (18mm)

CIE 1931 CHROMATICITY DIAGRAM

0.6982, 0.2998

LUMINANCE DATA
(cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1308	961	936
55	1242	908	901
65	1129	869	880
75	974	857	880
85	801	880	900
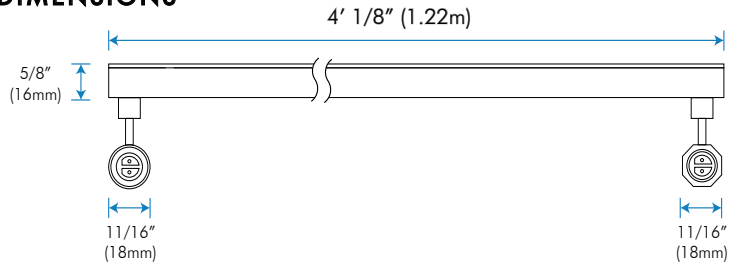
CONNECTOR DIMENSIONS

Bottom Feed

5/8" (16mm)
7/16" (11mm)
1 7/8" (45mm)

STANDARDS & CERTIFICATIONS

LM 79 LM 80 3 YEAR WARRANTY

Project Name:

Notes:

955 White Drive Las Vegas, NV 89119 | T: 702 407 7775
F: 702 407 7773 | www.modalight.com | © Copyright 2018

ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width	
2.0 ft	23.20 fc	6.2 ft	5.9 ft
4.0 ft	5.80 fc	12.4 ft	11.7 ft
6.0 ft	2.90 fc	18.7 ft	17.6 ft
8.0 ft	1.45 fc	24.9 ft	23.5 ft
10.0 ft	0.72 fc	31.1 ft	29.4 ft
12.0 ft	0.58 fc	37.3 ft	35.2 ft

Vert. Spread: 112.5°
Horiz. Spread: 110.3°
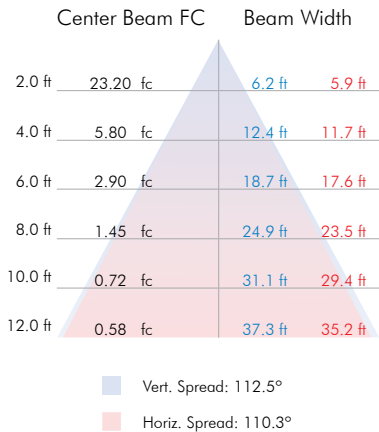
POLAR CANDELA DISTRIBUTION

- 22.50° H
- 45° H
- 67.50° H
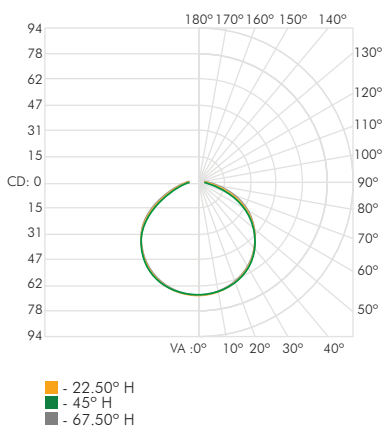
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	38.32	N.A.	15.30%
0-40	63.87	N.A.	25.50%
0-60	120.48	N.A.	48.10%
60-90	50.34	N.A.	20.10%
0-90	190.36	N.A.	76.00%
90-180	60.11	N.A.	24.00%
0-180	250.48	N.A.	100%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	4.60	N.A.	1.84%
10-20	13.27	N.A.	5.30%
20-30	20.43	N.A.	8.16%
30-40	25.40	N.A.	10.14%
40-50	28.13	N.A.	11.23%
50-60	28.50	N.A.	11.38%
60-70	26.77	N.A.	10.69%
70-80	23.54	N.A.	9.40%
80-90	19.76	N.A.	7.89%
90-100	16.35	N.A.	6.53%

WIRING

UL / cUL Non-dimming
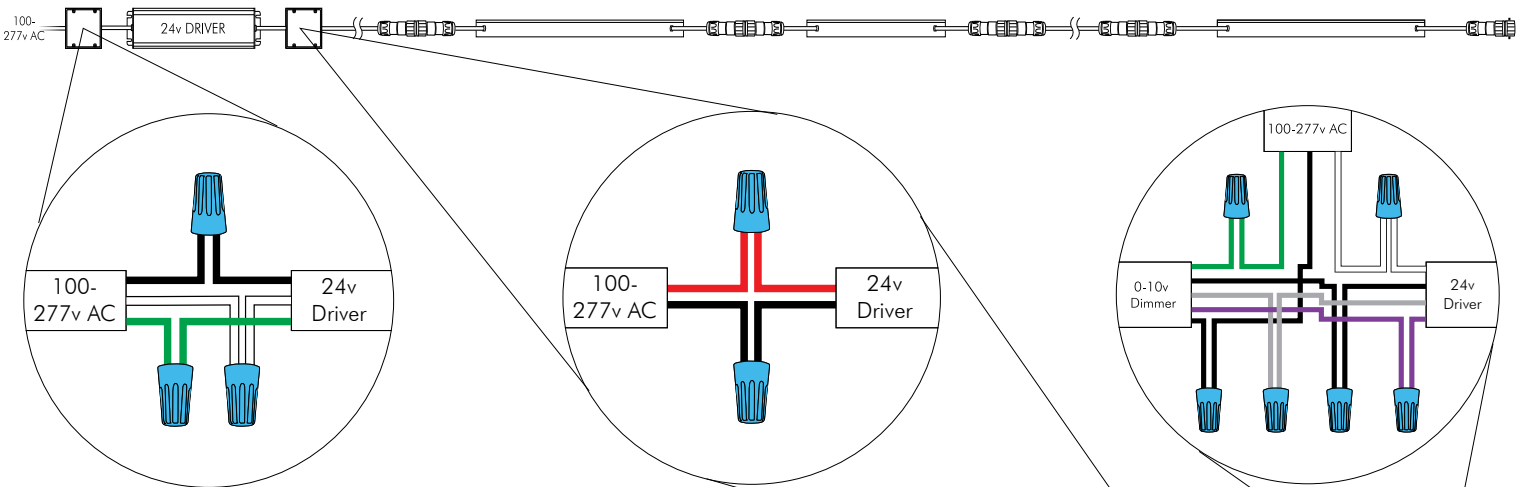
UL / cUL 0-10v Dimming
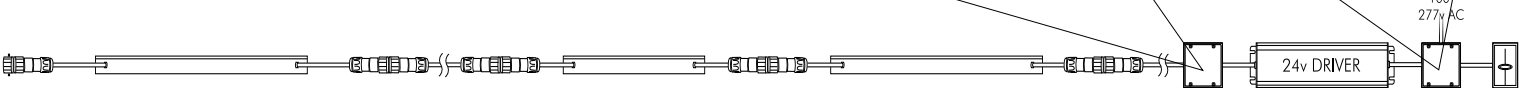
WIRING LEGEND

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	7 pcs

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
Cable Dimmension 5' (3m) / Connector Dimmension L: 1 3/8" (30mm) W: 5/8" (17mm) H: 1/2" (14mm)	Cable Dimmension 10' (3m) / Connector Dimmension L: 1 3/8" (30mm) W: 5/8" (17mm) H: 1/2" (14mm)	Cable Dimmension 20' (3m) / Connector Dimmension L: 1 3/8" (30mm) W: 5/8" (17mm) H: 1/2" (14mm)	Connector Dimmension L: 1 3/8" (30mm) W: 5/8" (17mm) H: 1/2" (14mm)

SN-T Terminator	**SNE-CLP-S2** Aluminum Mounting Clip	**SNE-XTR-1F** 1' Aluminum Xtrusion®	**SNE-XTR-4F** 4' Aluminum Xtrusion®
Terminates SUPER NEON Fixture	Aluminum Mounting Clip for SUPER NEON EDGE	1' Aluminum Xtrusion for SUPER NEON EDGE	4' Aluminum Xtrusion for SUPER NEON EDGE
L: 1" (25mm) W: 11/16" (18mm) H: 1/4" (7mm)	L: 1 3/8" (35mm) W: 5/8" (17mm) H: 15/16" (24mm)	L: 1' (305mm) W: 5/8" (17mm) H: 15/16" (24mm)	L: 4' (1.22m) W: 5/8" (17mm) H: 15/16" (24mm))

24v 0-10v Dimming Driver

24v Non Dimming Driver

MP89 100 - 277v	**MP17** 100-277v AC
150w - IP66	150w - IP67
L: 9 1/2" (241mm) W: 2 5/8" (67mm) H: 1 5/8" (40.5mm)	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	**SNE-BF-R-4FT**