moda**LIGHT**®
S P E C I F I C A T I O N

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.
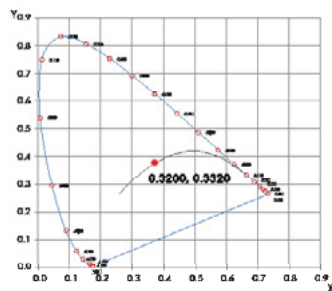
OUTPUT

Delivered Lumens	111.19
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)	23.75
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

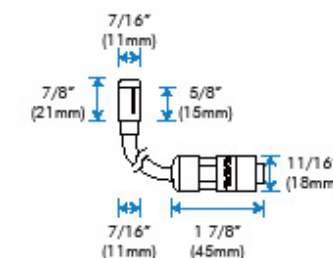|	
Input Voltage	24V DC
Power Consumption	4.68V (0.04A)
Power Factor	≤ 1
Control	100 - 277V 0-10V & Magnetic Low Voltage

PHYSICAL

Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 11 7/8"(300mm)
Width 7/16" (11mm)
Height 7/8" (21mm)
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

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
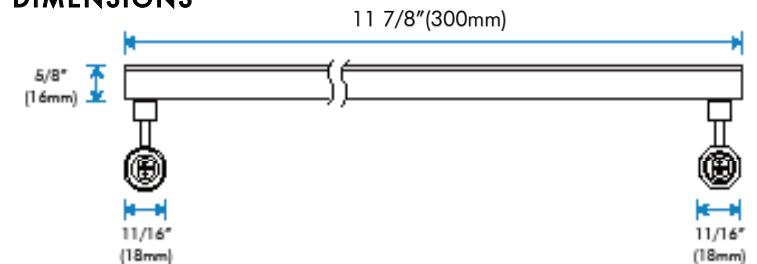
CONNECTOR DIMENSIONS

Bottom Feed

Side Feed
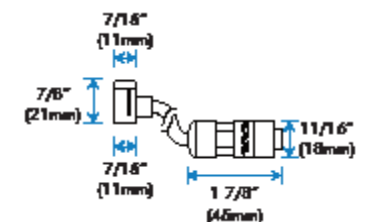
Project Name:

Notes:

STANDARDS & CERTIFICATIONS

LM 79 LM 80 3 YEAR WARRANTY

ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width	
2.0 ft	10.29 fc	6.0 ft	5.9 ft
4.0 ft	2.57 fc	12.1 ft	11.7 ft
6.0 ft	1.28 fc	18.1 ft	17.6 ft
8.0 ft	0.64 fc	24.1 ft	23.5 ft
10.0 ft	0.32 fc	30.1 ft	29.4 ft
12.0 ft	0.25 fc	36.2 ft	35.2 ft

Vert. Spread: 112.8°
Horiz. Spread: 111.5°
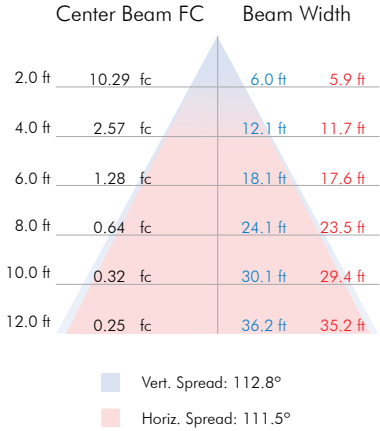
POLAR CANDELA DISTRIBUTION

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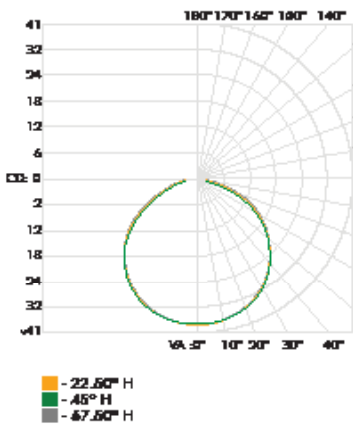
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	17.01	N.A.	15.30%
0-40	28.35	N.A.	25.50%
0-60	53.59	N.A.	48.20%
60-90	22.57	N.A.	20.30%
0-90	85.06	N.A.	76.50%
90-180	26.12	N.A.	23.50%
0-180	111.19	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	2.03	N.A.	1.83%
10-20	5.88	N.A.	5.29%
20-30	9.07	N.A.	8.16%
30-40	11.31	N.A.	10.18%
40-50	12.56	N.A.	11.30%
50-60	12.76	N.A.	11.48%
60-70	12.00	N.A.	10.79%
70-80	10.56	N.A.	9.50%
80-90	8.81	N.A.	7.93%
90-100	7.57	N.A.	6.50%

WIRING

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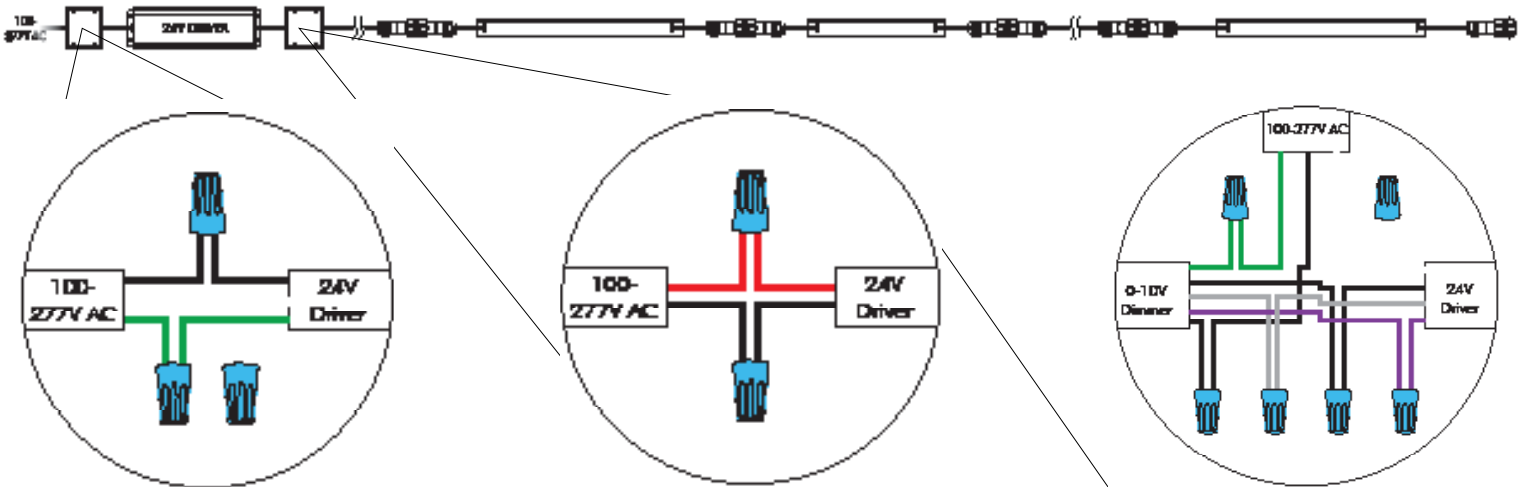
UL / cUL 0-10V Dimming

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	Connector Dimmension
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 Dimmension	Connector Dimmension
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 Dimmension	Connector Dimmension
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 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-F-BF-6000K-1FT
Side Feed	SNX-F-SF-6000K-1FT

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