moda LIGHT
SPECIFICATION

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.
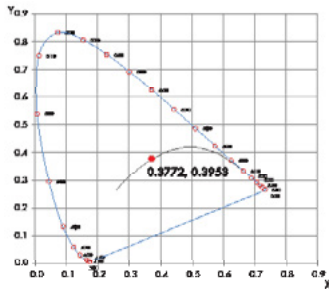
OUTPUT

Delivered Lumens	1019.68
CCT & SDMC	4000K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.3772 y: 0.3953 u: 0.2187 v: 0.5043
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	27.23
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

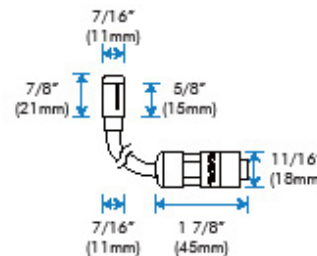|	
Input Voltage	24V DC
Power Consumption	37.44W (0.15A)
Power Factor	≤ 1
Control	100 - 277V 0-10V & Magnetic Low Voltage

PHYSICAL

Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 7' 10 1/2" (2.40m) Width 7/16" (11mm) Height 7/8" (21mm)
Weight	2.4 lbs (1.08 kg)
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

7' 10 1/2" (2.40m)
5/8" (16mm)
11/16" (18mm)
11/16" (18mm)

CIE 1931 CHROMATICITY DIAGRAM

0.3772, 0.3953

LUMINANCE DATA
(cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4854	3617	3598
55	4571	3477	3520
65	4156	3382	3475
75	3738	3375	3516
85	3308	3525	3634
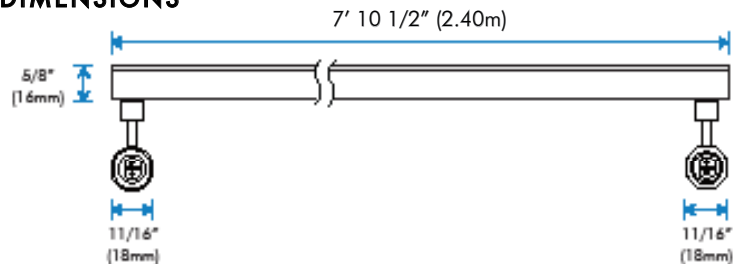
CONNECTOR DIMENSIONS

Bottom Feed

7/16" (11mm)
7/8" (21mm)
5/8" (15mm)
11/16" (18mm)
7/16" (11mm)
1 7/8" (45mm)

Side Feed

7/16" (11mm)
7/8" (21mm)
11/16" (18mm)
7/16" (11mm)
1 7/8" (45mm)
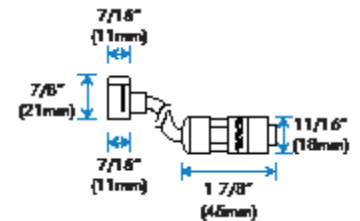
Project Name:

Notes:

STANDARDS & CERTIFICATIONS

LM 79   LM 80   3 YEAR WARRANTY

ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width	
2.0 ft	94.41 fc	5.9 ft	5.5 ft
4.0 ft	23.60 fc	11.7 ft	11.0 ft
6.0 ft	11.80 fc	17.6 ft	16.6 ft
8.0 ft	5.90 fc	23.4 ft	22.1 ft
10.0 ft	2.95 fc	29.3 ft	27.6 ft
12.0 ft	2.36 fc	35.1 ft	33.1 ft

Vert. Spread: 111.3°
Horiz. Spread: 108.1°
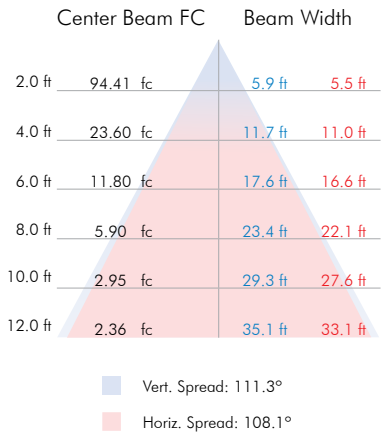
POLAR CANDELA DISTRIBUTION

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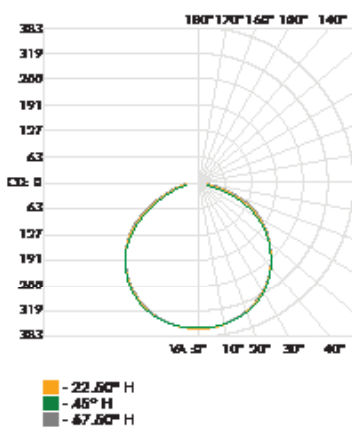
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	149.89	N.A.	14.70%
0-40	249.82	N.A.	24.50%
0-60	477.21	N.A.	46.80%
60-90	208.01	N.A.	20.40%
0-90	769.85	N.A.	75.50%
90-180	249.82	N.A.	24.50%
0-180	1019.68	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	18.04	N.A.	1.77%
10-20	51.90	N.A.	5.09%
20-30	79.94	N.A.	7.84%
30-40	100.13	N.A.	9.82%
40-50	112.16	N.A.	11.00%
50-60	115.22	N.A.	11.30%
60-70	109.92	N.A.	10.78%
70-80	98.39	N.A.	9.65%
80-90	83.71	N.A.	8.21%
90-100	69.44	N.A.	6.81%

WIRING

UL / cUL Non-Dimming

UL / cUL 0-10V Dimming
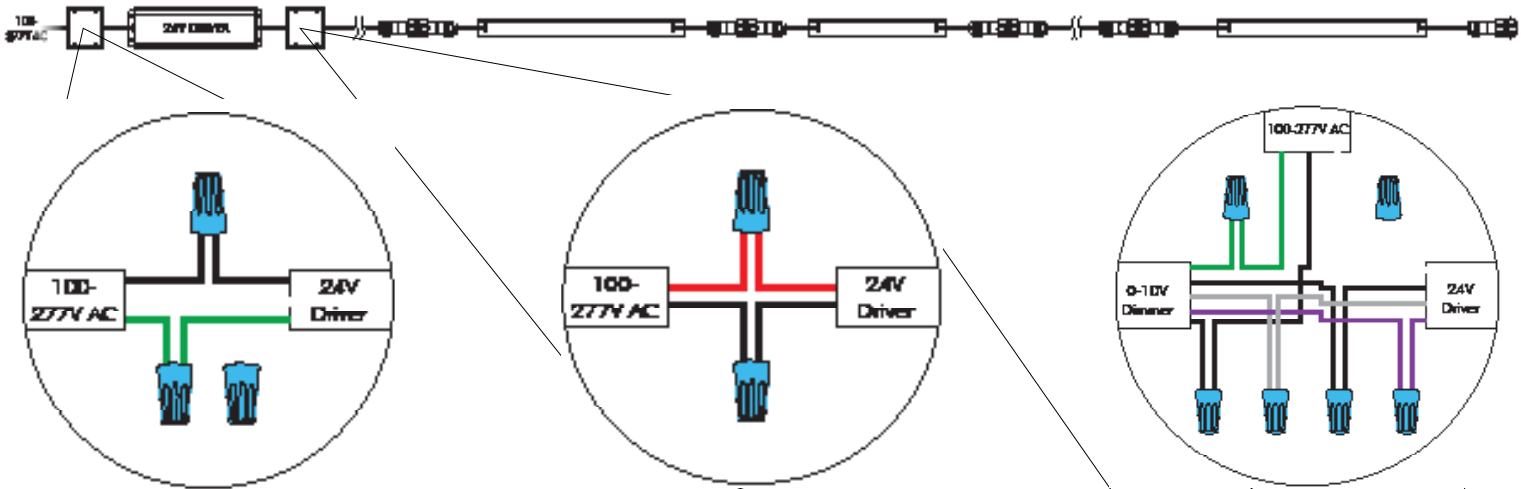
WIRING LEGEND

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	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
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-F-BF-4000K-8FT
Side Feed	SNX-F-SF-4000K-8FT