

**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.



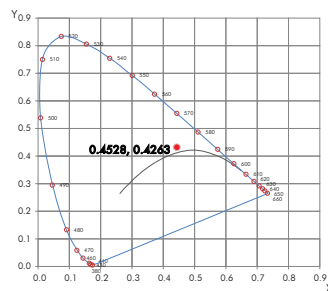
## OUTPUT

Delivered Lumens	2980.00
CCT & SDMC	3000K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.4528 y: 0.4263 u: 0.2512 v: 0.5321
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	21.23
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	140.40W (1.17A)
Power Factor	≤ 1
Control	0-10V, ELV (By others), & MLV (By others)

## CIE 1931 CHROMATICITY DIAGRAM



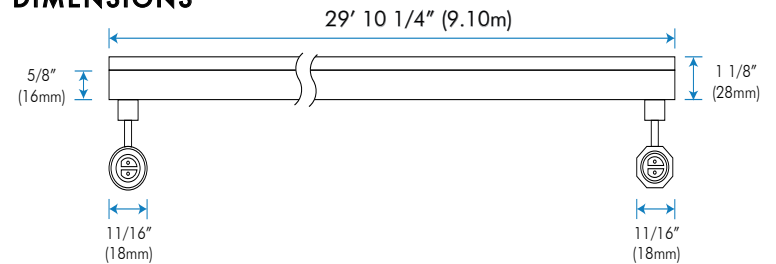
## LUMINANCE DATA (cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8671	8555	8244
55	8451	8317	7997
65	7991	8017	7919
75	7420	8533	8925
85	6704	14227	16619

## PHYSICAL

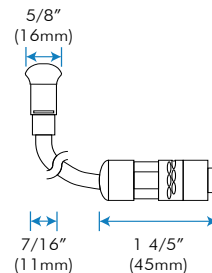
Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 29' 10 3/16" (9.10m) Width 5/8" (16mm) Height 1 1/8" (28mm)
Weight	144 oz (4,082g)
Construction	UV Resistant Tough White Flexible PVC
Thermal Management	Cool to Touch, Free Air Convection
Optics	N/A
Fixture Connections	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

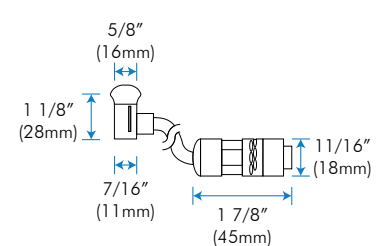


## CONNECTOR DIMENSIONS

### Bottom Feed



### Side Feed



Project Name:

Notes:

## STANDARDS & CERTIFICATIONS

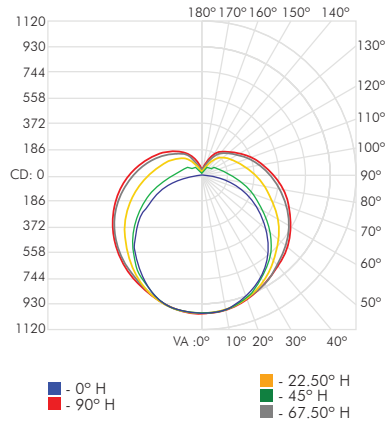


## ILLUMINANCE AT A DISTANCE

Center Beam FC		Beam Width	
2.0 ft	275.92 fc	6.3 ft	5.9 ft
4.0 ft	68.98 fc	12.6 ft	11.8 ft
6.0 ft	34.49 fc	18.9 ft	17.7 ft
8.0 ft	17.24 fc	31.6 ft	29.4 ft
10.0 ft	8.62 fc	31.6 ft	29.4 ft
12.0 ft	6.89 fc	37.9 ft	35.3 ft

Vert. Spread: 112.6°  
Horiz. Spread: 112.6°

## POLAR CANDELA DISTRIBUTION



## ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	762.88	N.A.	25.60%
0-40	1251.60	N.A.	42.00%
0-60	2223.08	N.A.	74.60%
60-90	616.86	N.A.	20.70%
0-90	2980.00	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	2980.00	N.A.	100.00%

## LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	92.67	N.A.	3.11%
10-20	266.11	N.A.	8.93%
20-30	404.08	N.A.	13.56%
30-40	487.52	N.A.	16.36%
40-50	507.49	N.A.	17.03%
50-60	463.09	N.A.	15.54%
60-70	368.62	N.A.	12.37%
70-80	249.42	N.A.	8.37%
80-90	140.06	N.A.	4.70%
90-100	0.00	N.A.	0.00%

## WIRING

### UL / cUL Non-dimming



### UL / cUL ELV Dimming



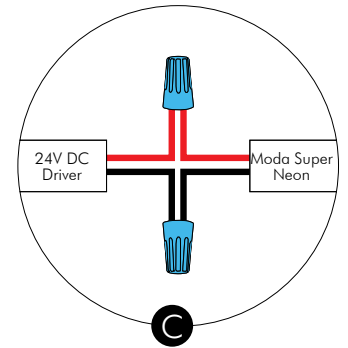
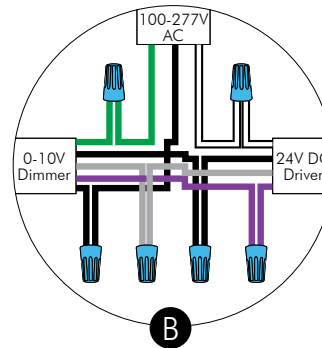
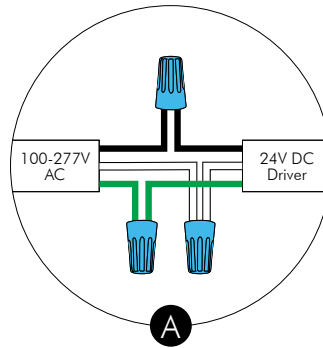
## WIRING LEGEND

### 24V Driver Primary Side

Black	Live 100-277V AC
White	Neutral AC
Green	Ground AC

### 24V Driver Secondary Side

Red	DC Power Positive
Black	DC Power Negative
Purple	0-10V Data Positive
Negative	0-10V Data Negative



## MAX CONTINUOUS RUN

150W Driver 30ft

FIXTURE	SKU
Super Neon X Dome Bottom Feed 30K 30ft	SNX-D-BF-3000K-30FT
Super Neon X Dome Side Feed 30K 30ft	SNX-D-SF-3000K-30FT
POWER	SKU
24V DC Driver - 100-277V AC Input - Non-Dimmable - 150W - IP67	MP17
24V DC Driver - 347V AC Input - 0-10V Dimmable - 60W - IP66	MP06
24V DC Driver - 100-277V AC Input - 0-10V Dimmable - 60W - IP66	MP19N
24V DC Driver - 100-277V AC Input - 0-10V Dimmable - 100W - IP66	MP87
24V DC Driver - 100-277V AC Input - 0-10V Dimmable - 150W - IP66	MP89
ACCESSORIES	SKU
Super Neon 5ft Leader Cable	SN-LDR-CBL-5FT
Super Neon 10ft Leader Cable	SN-LDR-CBL-10FT
Super Neon 20ft Leader Cable	SN-LDR-CBL-20FT
Super Neon Jumper Cable 1ft	SN-JMP-CBL-1FT
Super Neon Terminator (10 Pack)	SN-T
Super Neon X Clip 1 3/8in	SNX-CLP-S2
Super Neon X Xtrusion 1ft (0.3m)	SNX-XTR-1FT
Super Neon X Xtrusion 3ft 10 1/8in (1.17m)	SNX-XTR-4FT