

Create Unlimited Runs of Continuous Solid Lines of Light.
Complete lighting solution that offers 180 degree viewing angle that easily bends against it's line of light (opposite bend to RGB 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.



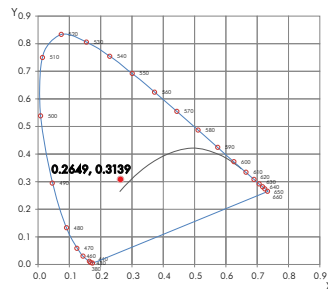
OUTPUT

Delivered Lumens	48.02
CCT & SDMC	10226K - Full RGB
Chromaticity Coordinates	x: 0.2649 y: 0.3139 u: 0.1699 v: 0.4529
Color Bin Tolerance	N/A
Efficacy (lm/W)	13.68
CRI	N/A
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	3.51W (0.02A)
Power Factor	≤ 1
Control	DMX 512 Controlled

CIE 1931 CHROMATICITY DIAGRAM



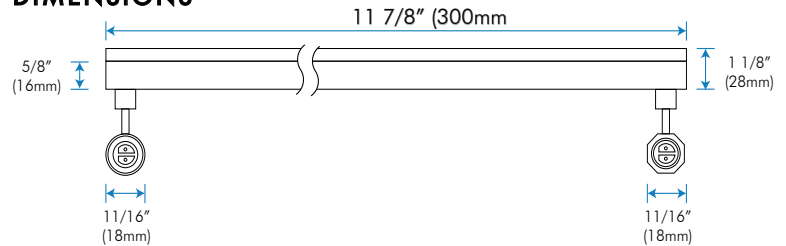
LUMINANCE DATA (cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1801	1347	1318
55	1722	1299	1293
65	1620	1267	1293
75	1506	1282	1292
85	1550	1338	1343

PHYSICAL

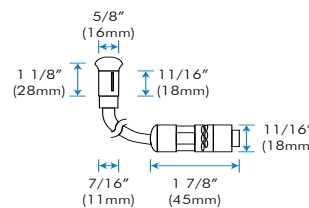
Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 11 7/8" (300mm) Width 7/16" (11mm) Height 7/8" (21mm)
Weight	4.8 oz (136g)
Construction	UV Resistant Tough White Flexible PVC
Thermal Management	Cool to Touch, Free Air Convection
Optics	N/A
Fixture Connections	Male 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

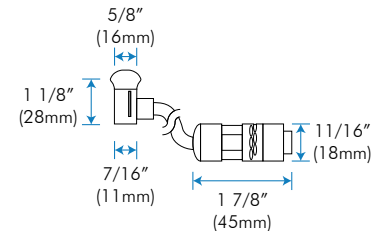


CONNECTOR DIMENSIONS

Bottom Feed



Side Feed



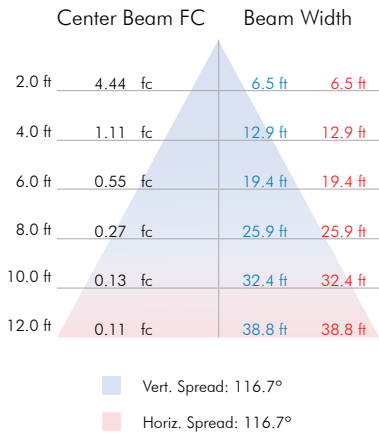
Project Name:

Notes:

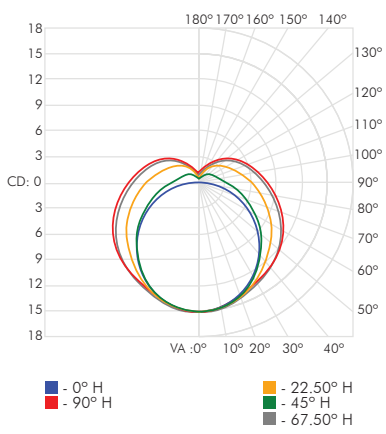
STANDARDS & CERTIFICATIONS



ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

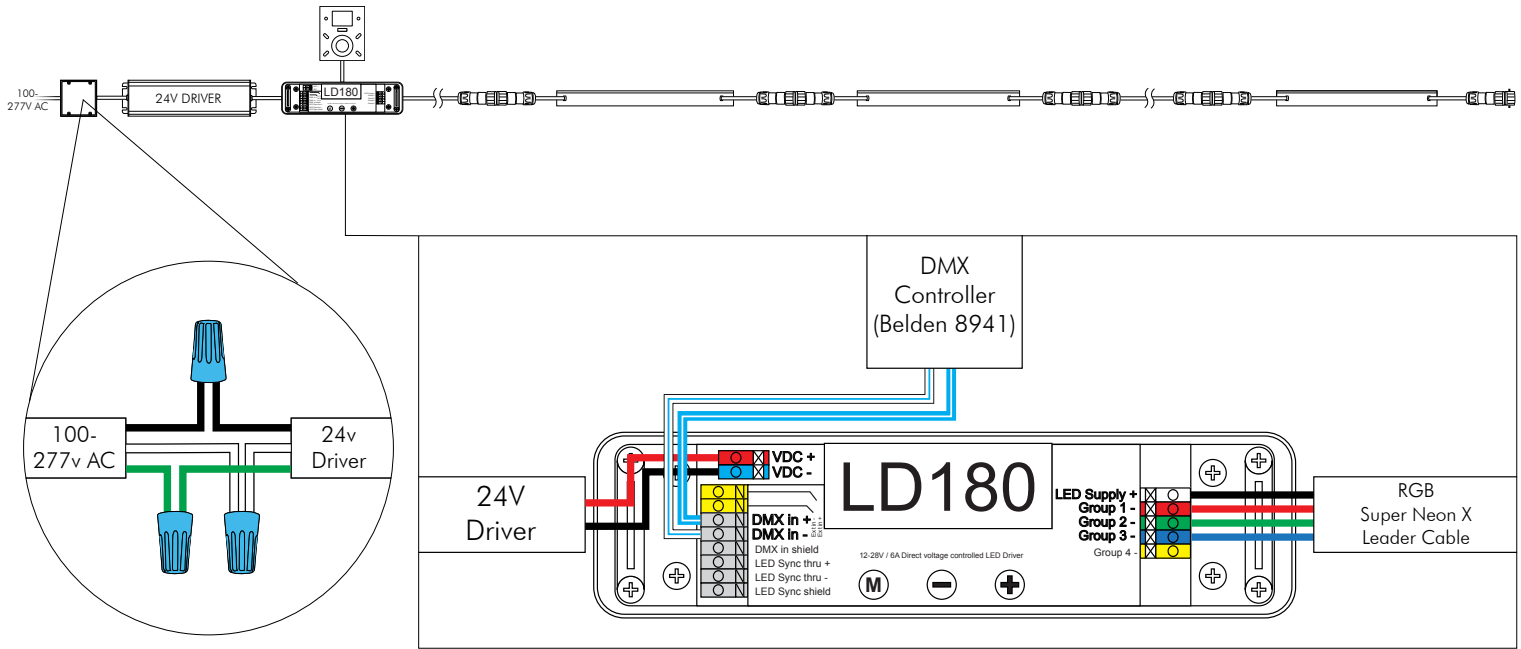
Zone	Lumens	% Lamp	% Fixt
0-30	6.86	N.A.	14.30%
0-40	11.52	N.A.	24.00%
0-60	22.13	N.A.	46.10%
60-90	9.79	N.A.	20.40%
0-90	35.91	N.A.	74.80%
90-180	12.10	N.A.	25.20%
0-180	48.02	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	0.82	N.A.	1.71%
10-20	2.38	N.A.	4.96%
20-30	3.68	N.A.	7.68%
30-40	4.63	N.A.	9.66%
40-50	5.21	N.A.	10.85%
50-60	5.37	N.A.	11.20%
60-70	5.16	N.A.	10.75%
70-80	4.64	N.A.	9.68%
80-90	3.98	N.A.	8.29%
90-100	3.29	N.A.	6.87%

WIRING

Single Run DMX Wiring



WIRING LEGEND

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

24V Driver
Power Positive
Power Negative

DMX CONTROLLER
Positive
Negative

RGB Leader Cable
24V Positive
Red
Green
Blue

MAX CONTINUOUS RUN

150W Driver	30ft
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ACCESSORIES



RGB-SN-LDR-CBL-5FT 5' Leader Cable

Connects SUPER NEON X to Power Supply

Cable Dimension
5' (3m)

Connector Dimension
L: 1 7/8" (45mm)
W: 1 1/16" (14mm)
H: 1 1/16" (14mm)



RGB-SN-JMP-CBL-1FT 1' Jumper Cable

Connects Two SUPER NEON X Together

Connector Dimension
L: 1 7/8" (45mm)
W: 1 1/16" (14mm)
H: 1 1/16" (14mm)



RGB-SN-T Terminator

Terminates SUPER NEON X Fixture

L: 1 7/8" (45mm)
W: 1 1/16" (14mm)
H: 1 1/16" (14mm)



SNX-CLP-S2 Aluminum Mounting Clip

Aluminum Mounting Clip for SUPER NEON X

L: 2" (50mm)
W: 1 1/16" (17mm)
H: 15/16" (24mm)



SNX-XTR-1F 1' Aluminum Xtrusion®

1' Aluminum Xtrusion for SUPER NEON X

L: 1' (305mm)
W: 1 1/16" (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)



MP17 100 - 277V AC

150W- IP67

L: 8 11/16" (222mm)
W: 2 11/16" (68mm)
H: 1 1/2" (39mm)



Kandi-Touch-Black / Kandi-Touch-White

DMX 512 Controller

L: 4 3/16" (106mm)
W: 5 11/16" (146mm)
H: 7/16" (11mm)



BDL-9841-500FT

RS-458 Cable for DMX
24 AWG stranded TC conductors
polyethylene insulation

L: 500' (152.4m)



BDL-9841-1000FT

RS-458 Cable for DMX
24 AWG stranded TC conductors
polyethylene insulation

L: 1000' (304.8m)



LD180 DMX Interface

Constant Voltage LED Driver

L: 6" (152mm)
W: 2" (50mm)
H: 15/16" (23mm)

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	RGB-SNX-D-BF-1FT
Side Feed	RGB-SNX-D-SF-1FT