

## 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 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.



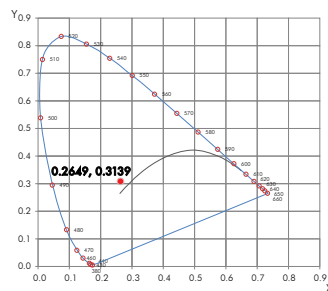
## OUTPUT

Delivered Lumens	719.30
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)	13.67
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	52.6W (0.43A)
Power Factor	≤ 1
Control	DMX 512 Controlled

## CIE 1931 CHROMATICITY DIAGRAM



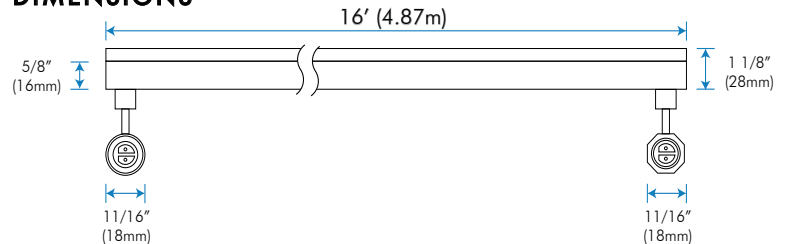
## LUMINANCE DATA (cd/sq.m)

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

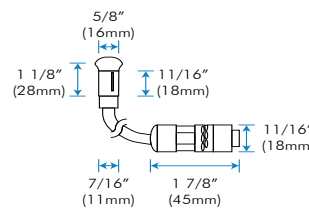
Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 16' (4.87m) Width 7/16" (11mm) Height 7/8" (21mm)
Weight	72 oz (2,041g)
Construction	UV Resistant Tough White Flexible PVC
Thermal Management	Cool to Touch, Free Air Convection
Optics	N/A
Fixture Connections	Male 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

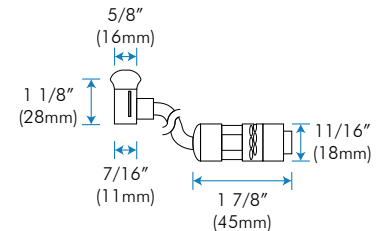


## CONNECTOR DIMENSIONS

### Bottom Feed



### Side Feed



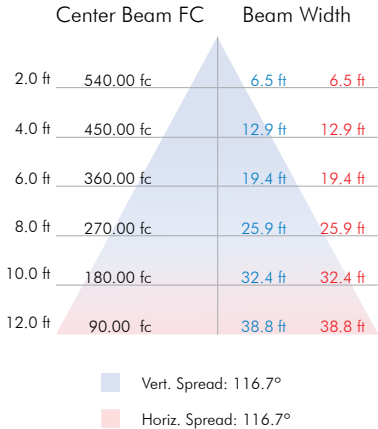
Project Name:

Notes:

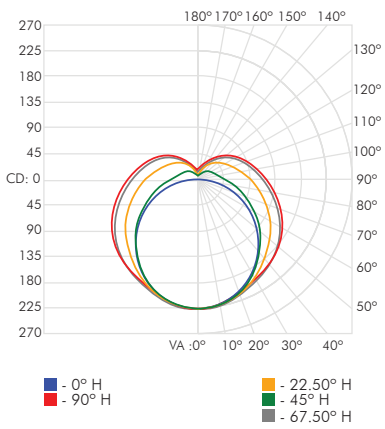
## STANDARDS & CERTIFICATIONS



ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

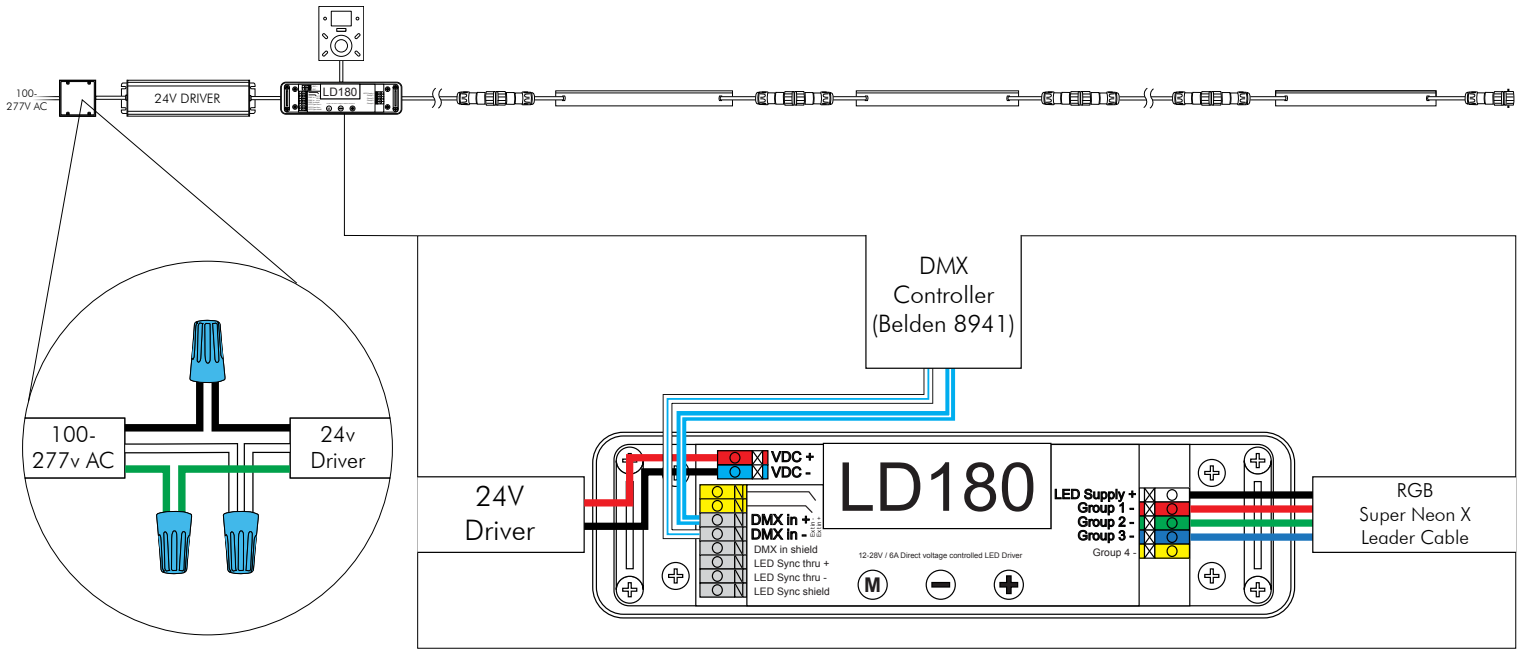
Zone	Lumens	% Lamp	% Fixt
0-30	205.72	N.A.	14.30%
0-40	345.26	N.A.	24.00%
0-60	663.19	N.A.	46.10%
60-90	293.47	N.A.	20.40%
0-90	1076.07	N.A.	74.80%
90-180	362.53	N.A.	25.20%
0-180	1438.60	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	24.60	N.A.	1.71%
10-20	71.35	N.A.	4.96%
20-30	110.48	N.A.	7.68%
30-40	138.96	N.A.	9.66%
40-50	156.08	N.A.	10.85%
50-60	161.12	N.A.	11.20%
60-70	154.64	N.A.	10.75%
70-80	139.25	N.A.	9.68%
80-90	119.25	N.A.	8.29%
90-100	98.83	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
-------------	------

## 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<sup>®</sup>

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<sup>®</sup>

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	<b>RGB-SNX-D-BF-16FT</b>
Side Feed	<b>RGB-SNX-D-SF-16FT</b>