

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.

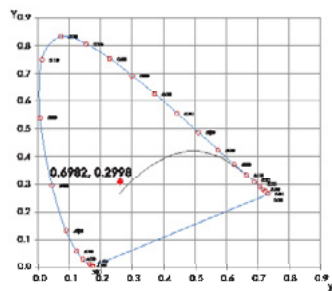
OUTPUT

Delivered Lumens	598.25
CCT & SDMC	8458K - Full RGB
Chromaticity Coordinates	x: 0.2649 y: 0.3139 u: 0.1699 v: 0.4529
Color Bin Tolerance	N/A
Efficacy (lm/w)	11.37
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

Project Name:

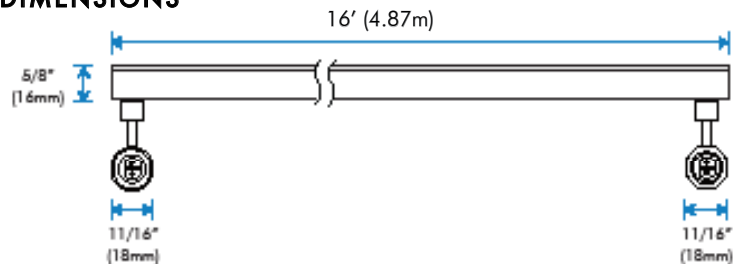
Notes:

PHYSICAL

Applications	Accent Linear / Curved Surfaces, Architectural Highlights
Dimensions	Length 16' (4.87m) Width 2/5" (11mm) Height 4/5" (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

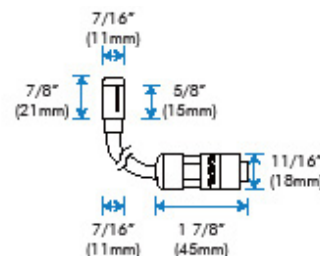


DIMENSIONS

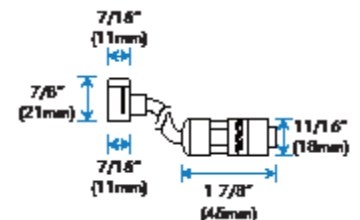


CONNECTOR DIMENSIONS

Bottom Feed



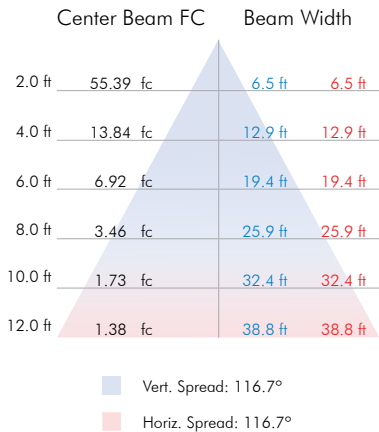
Side Feed



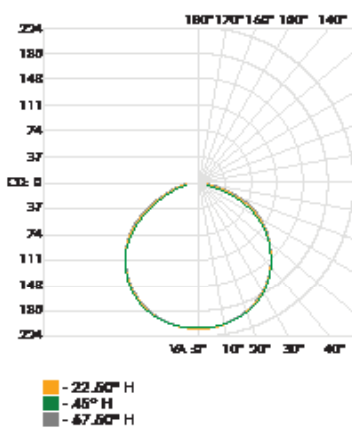
STANDARDS & CERTIFICATIONS



ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

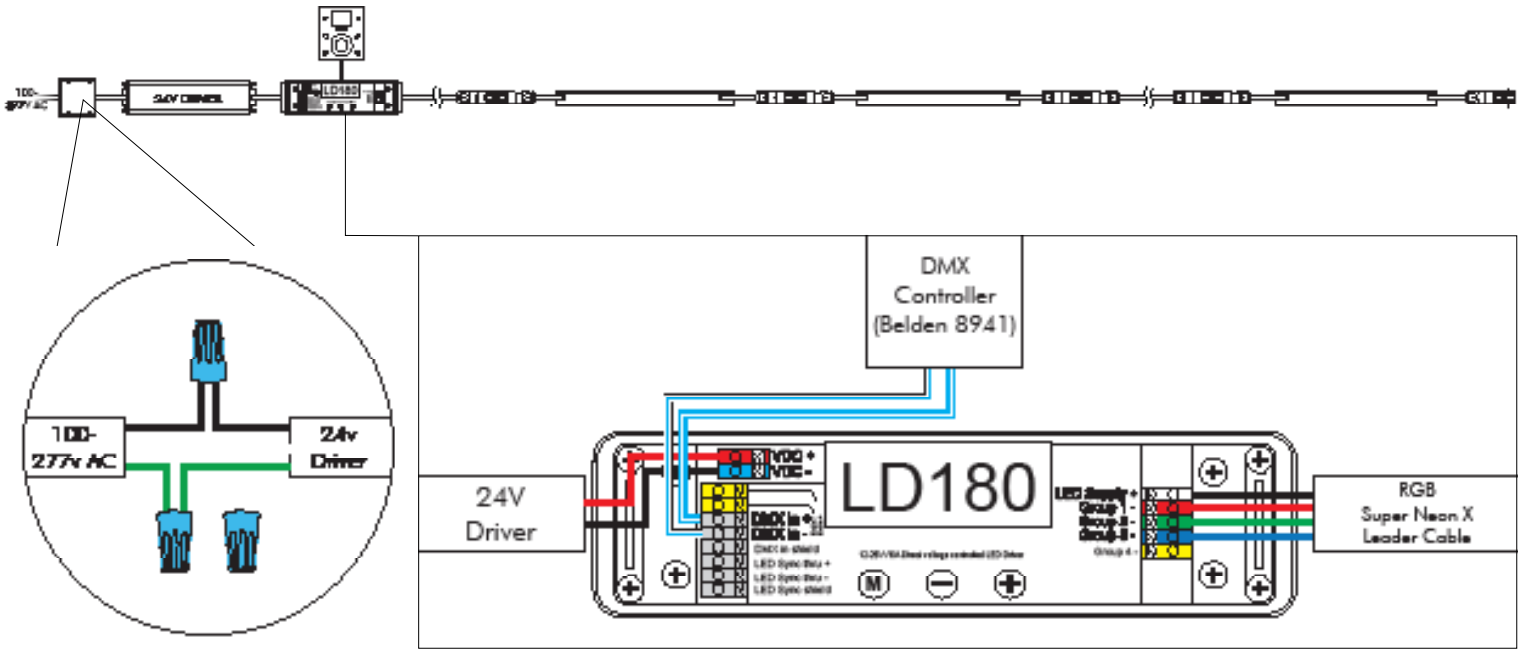
Zone	Lumens	% Lamp	% Fixt
0-30	85.55	N.A.	14.30%
0-40	143.58	N.A.	24.00%
0-60	275.79	N.A.	46.10%
60-90	122.04	N.A.	20.40%
0-90	447.50	N.A.	74.80%
90-180	150.75	N.A.	25.20%
0-180	598.25	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	10.23	N.A.	1.71%
10-20	29.67	N.A.	4.96%
20-30	45.94	N.A.	7.68%
30-40	57.79	N.A.	9.66%
40-50	64.91	N.A.	10.85%
50-60	67.00	N.A.	11.20%
60-70	64.31	N.A.	10.75%
70-80	57.91	N.A.	9.68%
80-90	49.59	N.A.	8.29%
90-100	41.09	N.A.	6.87%

WIRING

Single Run DMX Wiring



WIRING LEGEND

Power (100-277V AC)	24V Driver	DMX CONTROLLER	RGB Leader Cable
Power Positive	Power Positive	Positive	24V Positive
Power Negative	Power Negative	Negative	Red
Ground			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: 11/16" (14mm)
H: 11/16" (14mm)



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

Connects Two SUPER NEON X Together

Connector Dimension
L: 1 7/8" (45mm)
W: 11/16" (14mm)
H: 11/16" (14mm)



RGB-SN-T Terminator

Terminates SUPER NEON X Fixture

L: 1 7/8" (45mm)
W: 11/16" (14mm)
H: 11/16" (14mm)



SNX-CLP-S2 Aluminum Mounting Clip

Aluminum Mounting Clip for SUPER NEON X

L: 2" (50mm)
W: 11/16" (17mm)
H: 15/16" (24mm)



SNX-XTR-1F 1' Aluminum Xtrusion[®]

1' Aluminum Xtrusion for SUPER NEON X

L: 1' (305mm)
W: 11/16" (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-F-BF-16FT
Side Feed	RGB-SNX-F-SF-16FT

ACCESSORIES



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

Connects SUPER NEON X to Power Supply

Cable Dimension
5' (3m)

Connector Dimension
L: 1 4/5" (45mm)
W: 7/10" (14mm)
H: 7/10" (14mm)



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

Connects Two SUPER NEON X Together

Connector Dimension
L: 1 4/5" (45mm)
W: 7/10" (14mm)
H: 7/10" (14mm)



RGB-SN-T Terminator

Terminates SUPER NEON X Fixture

L: 1 4/5" (45mm)
W: 7/10" (14mm)
H: 7/10" (14mm)



SNX-CLP-2IN Aluminum Mounting Clip

Aluminum Mounting Clip for SUPER NEON X

L: 2" (50mm)
W: 3/5" (17mm)
H: 9/10" (24mm)



SNX-XTR-1F 1' Aluminum Xtrusion®

1' Aluminum Xtrusion for SUPER NEON X

L: 1' (305mm)
W: 3/5" (17mm)
H: 9/10" (24mm)



SNX-XTR-4F 4' Aluminum Xtrusion®

4' Aluminum Xtrusion for SUPER NEON X

L: 4' (1.22m)
W: 3/5" (17mm)
H: 9/10" (24mm)



MODA Protect

Protects product against
in-rush current and surging

L: 4" (102mm)
W: 4" (102mm)
H: 2 1/4" (58mm)



MP17 100 - 277v AC

150w - IP67

L: 8 7/10" (222mm)
W: 2 7/10" (68mm)
H: 1 1/2" (39mm)



Kandi-Touch-Black / Kandi-Touch-White

DMX 512 Controller

L: 4 1/5" (106mm)
W: 5 7/10" (146mm)
H: 2/5" (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: 9/10" (23mm)



DMX WIRING CENTER

Simplifies wiring and strengthens DMX signal

L: 4" (102mm)
W: 4" (102mm)
H: 2 1/4" (58mm)



DMX 512 SPLITTER

Multi run DMX wiring

L: 18 9/10" (482mm)
W: 5 4/5" (148mm)
H: 1 2/5" (37mm)

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.
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