

**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.



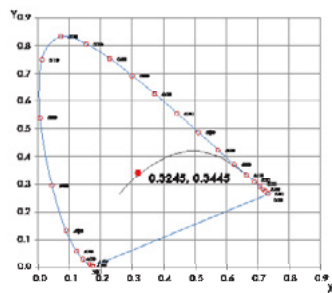
**OUTPUT**

|                          |  |
|--------------------------|--|
| Delivered Lumens         | 91.63  |
| CCT & SDMC               | 6000K - 2 Step MacAdam Ellipse   |
| Chromaticity Coordinates | x: 0.3245 y: 0.3445 u: 0.2002 v: 0.4781  |
| Color Bin Tolerance      | + 3% / -3%   |
| Efficacy (lm/w)          | 19.57  |
| CRI                      | 88   |
| Lumen Maintenance        | 70,000 Hours L70 @ 25°C<br>90,000 Hours L50 @ 25°C<br>50,000 Hours L70 @ 50°C<br>70,000 Hours L50 @ 50°C |
| Testing Data             | Light Data LM-79-08 & LM-80-08   |

**ELECTRICAL**

|                   |                                       |
|-------------------|---------------------------------------|
| Input Voltage     | 24V DC                                |
| Power Consumption | 4.68W (0.04A)                         |
| Power Factor      | ≤ 1                                   |
| Control           | 100-277V 0-10V & Magnetic Low Voltage |

**CIE 1931 CHROMATICITY DIAGRAM**



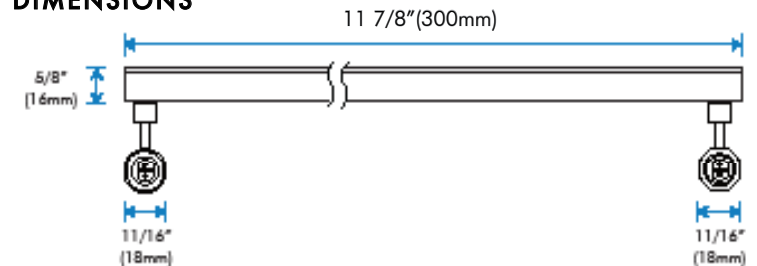
**LUMINANCE DATA**  
(cd/sq.m)

| Angle in Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45               | 8050          | 8019           | 7860           |
| 55               | 7739          | 7710           | 7571           |
| 65               | 7153          | 7290           | 7355           |
| 75               | 6126          | 7282           | 8003           |
| 85               | 3746          | 10922          | 14227          |

**PHYSICAL**

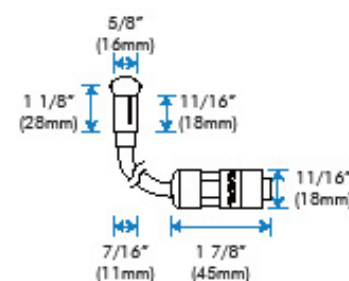
|                       |   |
|-----------------------|---|
| Applications          | Accent Linear / Curved Surfaces, Architectural Highlights           |
| Dimensions            | Length 11 7/8" (300mm)<br>Width 5/8" (16mm)<br>Height 1 1/8" (28mm) |
| Weight                | 4.8 oz (136g)   |
| Construction          | 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**

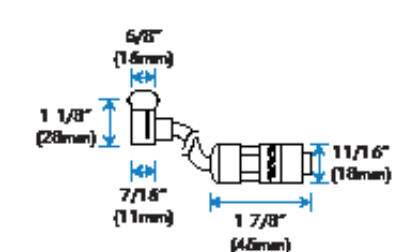


**CONNECTOR DIMENSIONS**

**Bottom Feed**



**Side Feed**



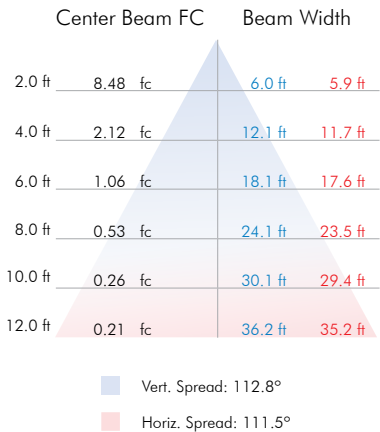
Project Name:

Notes:

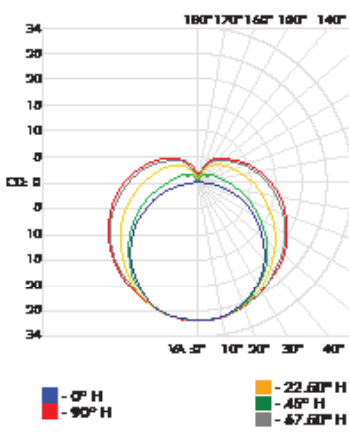
**STANDARDS & CERTIFICATIONS**



ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

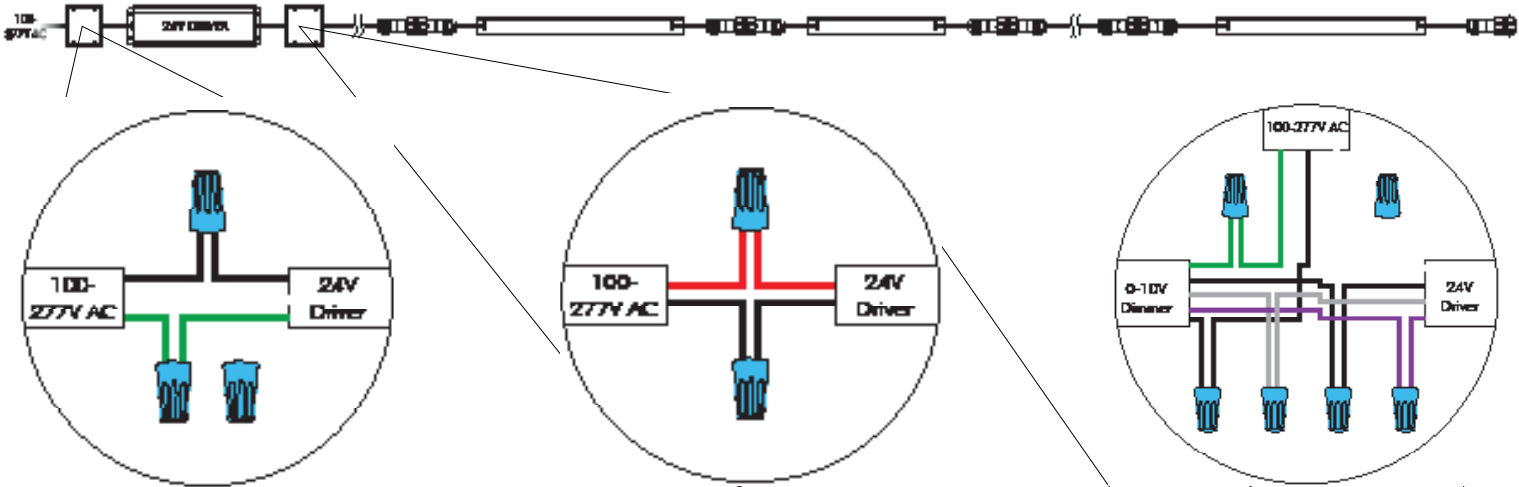
| Zone   | Lumens | % Lamp | % Fixt  |
|--------|--------|--------|---------|
| 0-30   | 24.03  | N.A.   | 26.20%  |
| 0-40   | 39.34  | N.A.   | 42.90%  |
| 0-60   | 69.61  | N.A.   | 76.00%  |
| 60-90  | 18.41  | N.A.   | 20.10%  |
| 0-90   | 91.63  | N.A.   | 100.00% |
| 90-180 | 0.00   | N.A.   | 0.00%   |
| 0-180  | 91.63  | N.A.   | 100.00% |

LUMENS PER ZONE

| Zone   | Lumens | % Lamp | % Fixt |
|--------|--------|--------|--------|
| 0-10   | 2.93   | N.A.   | 3.20%  |
| 10-20  | 8.39   | N.A.   | 9.15%  |
| 20-30  | 12.71  | N.A.   | 13.87% |
| 30-40  | 15.31  | N.A.   | 16.71% |
| 40-50  | 15.88  | N.A.   | 17.33% |
| 50-60  | 14.40  | N.A.   | 15.71% |
| 60-70  | 11.19  | N.A.   | 12.21% |
| 70-80  | 7.21   | N.A.   | 7.86%  |
| 80-90  | 3.61   | N.A.   | 3.93%  |
| 90-100 | 0.00   | N.A.   | 0.00%  |

WIRING

UL / cUL Non-Dimming



UL / cUL 0-10V Dimming



WIRING LEGEND

| Power (100-277V AC) | 24V Driver     | 0-10V Dimmer  |
|---------------------|----------------|---------------|
| Power Positive      | Power Positive | Power In      |
| Power Negative      | Power Negative | Power Out     |
| Ground              |                | Ground        |
|                     |                | Data Positive |
|                     |                | Data Negative |

MAX CONTINUOUS RUN

150W Driver      30ft

## ACCESSORIES



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

Connects SUPER NEON to Power Supply

|                 |                     |
|-----------------|---------------------|
| Cable Dimension | Connector Dimension |
| 5' (3m)         | 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 Dimension | Connector Dimension |
| 10' (3m)        | 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 Dimension | Connector Dimension |
| 20' (3m)        | 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 Dimension |
| 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-D-BF-6000K-1FT**

Side Feed **SNX-D-SF-6000K-1FT**