

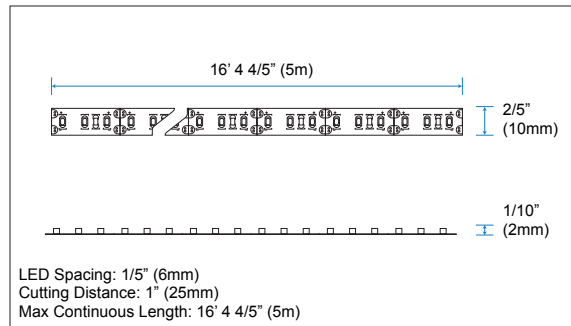
## SPECIFICATION

### Super High Output Dimmable LED Linear Flex System:

SUPERFLEX provides high quality and consistent light in a low profile package. Custom lengths are made simple with designated cutting points. A self-adhesive 3M backing and push to fit connectors are designed for a quick and simple installation. SUPERFLEX is the perfect solution for interior applications requiring high light output while maintaining a low profile. Applications include cove, display, architectural accents, cabinet, and back lighting. See MODA Metal® for extrusion options.



### Dimensions:

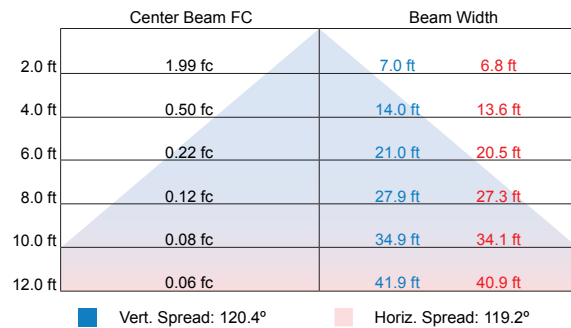


### Output:

Delivered Lumens	24.49 lm / ft
CCT	N/A
Chromaticity Ordinates	x: 0.6956 y: 0.3044 u: 0.5287 v: 0.5207
Color Bin Tolerance	N/A
Efficacy (lm/w)	5.16
Wavelength	627nm
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

### Illuminance at a Distance: Data Shown for 120°

(For lux multiply fc by 10.7)

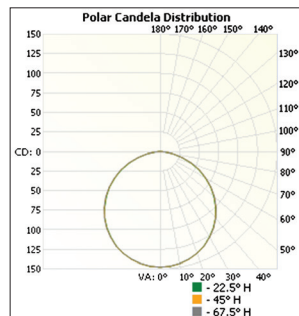


### Electrical:

Input Voltage	12v DC
Power Consumption	4.75w / ft (0.09A) - Varies based on length of run & driver
Power Factor	≤ 1
Dimming	100-277v 0-10v & Magnetic Low Voltage
Emergency	N/A

### Polar Candela Distribution:

Data Shown for 120°



### Lumens per Zone:

Zone	Lumens	% Total
0-10	0.75	3.06%
10-20	2.17	8.86%
20-30	3.34	13.64%
30-40	4.12	16.82%
40-50	4.40	17.97%
50-60	4.11	16.78%
60-70	3.23	13.19%
70-80	1.87	7.64%
80-90	0.50	2.04%
90-100	0.00	0.00%

### Physical:

Applications	Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 16' 4 4/5" (5m) Width 2/5" (10mm) Height 1/10" (2mm)
Weight	6.4 oz (181.4g)
Construction	Constant Voltage Design Protects LEDs And Prolongs Life. White FPCB
Thermal Management	N/A
Optics	N/A
Fixture Connections	Push To Fit Connectors
Operating Temperature	-22°F ~ 122°F (-30°C ~ 70°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Humidity	0-95% Non Condensing

<b>Project Name:</b>			
<b>Notes:</b>			

# SPECIFICATION

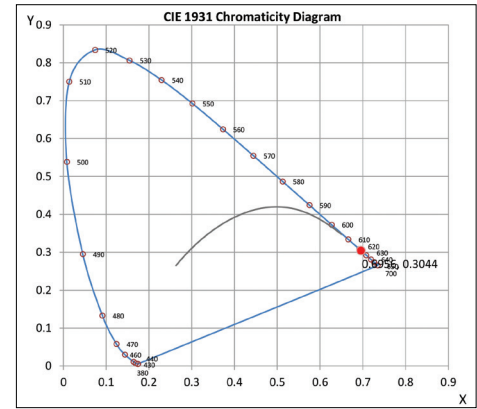
## Zonal Lumen Summary:

Zone	Lumens	% Lamp	% Fixt
0-30	6.27	N.A.	25.60%
0-40	10.38	N.A.	42.40%
0-60	18.88	N.A.	77.10%
60-90	5.10	N.A.	20.80%
0-90	24.49	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	24.49	N.A.	100%

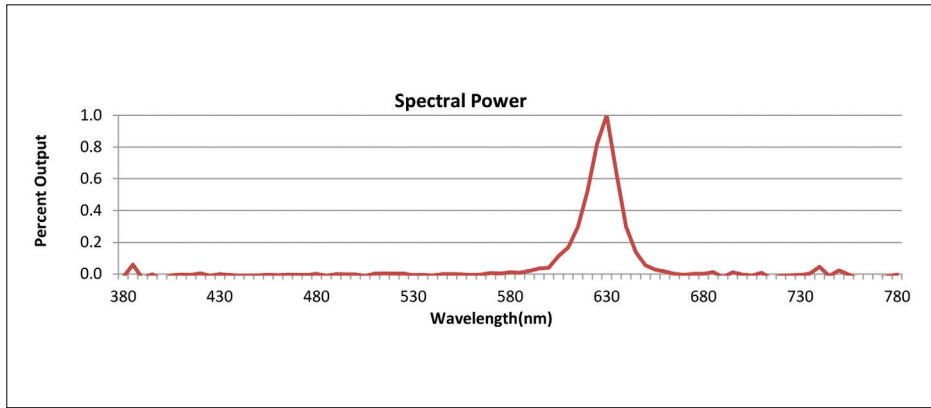
## Luminance Data (cd/sq.m):

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4578	4562	4530
55	4549	4539	4480
65	4353	4379	4299
75	3849	3980	3761
85	2468	2727	2403

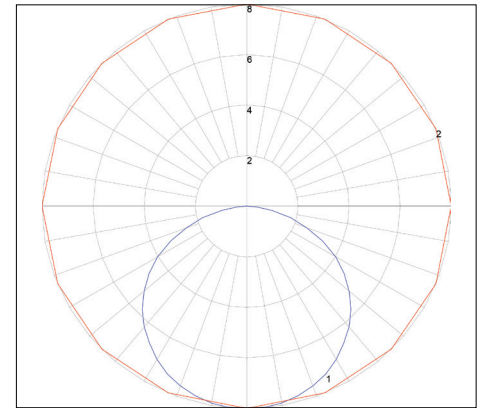
## CIE 1931 Chromaticity Diagram:






## Spectral Power:



## Polar Graph: Data Shown for 120°



## Accessories:

		
<b>MRTA35</b> 10' Leader Cable	<b>MRTA34</b> EZ - Connector	<b>MRTA38</b> 4' EZ - Connector for SUPERFLEX
Connects SUPERFLEX to Power Supply	Connects Two SUPERFLEX Together	Connects Two SUPERFLEX And Allows for Flexible Corner Bends
Connector Dim. L: 3/5" (15mm) W: 1/5" (5mm) H: 1/10" (2mm)	L: 3/5" (15mm) W: 2/5" (10mm) H: 1/10" (2mm)	Connector Dim. L: 1/2" (13mm) W: 1/5" (6mm) H: 1/10" (2mm)


## Standards and 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	Class 3
Environment	Dry Location - IP20
Warranty	5 Year Limited Warranty

## Ordering:

SKU:	SUPERFLEX-RED
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### SPECIFICATION

Non Dimming		Voltage Range	Wattage	IP Rating	Dimension
MP16		100-277v AC	132w	IP67	8 7/10" x 2 7/10" x 1 1/2" (222mm x 68mm x 39mm)

0-10v Dimming		Voltage Range	Wattage	IP Rating	Dimension
MP05		347v AC	60w	IP66	9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm)
MP18N		100-277v AC	60w	IP66	9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm)
MP86		100-277v AC	100w	IP66	9 1/2" x 2 3/10" x 1 1/2" (241mm x 58mm x 37mm)
MP88		100-277v AC	150w	IP66	9 1/2" x 2 3/5" x 1 3/5" (241mm x 67mm x 40.5mm)

#### Ordering:

Sample SKU: MP05