Standard Output Dimmable LED Linear Flex System.
SUPERFLEX HCRI 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 HCRI 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.

OUTPUT

Delivered Lumens	22.22 lm / ft
CCT & SDMC	N/A
Chromaticity Coordinates	x: 0.6472 y: 0.3528 u: 0.4360 v: 0.5346
Color Bin Tolerance	N/A
Efficacy (lm/W)	4.68
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	12V DC
Power Consumption	4.75W per ft (0.09A)*
Power Factor	≤ 1
Control	100-277V 0-10V & Magnetic Low Voltage

* Varies based on run and driver

CIE 1931 CHROMATICITY DIAGRAM

CIE 1931 Chromaticity Diagram
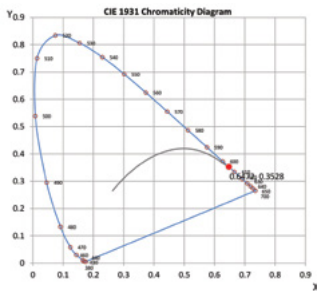
PHYSICAL

Applications	Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 16' 4 13/16" (5m) Width 7/16" (10mm) Height 1/8" (2mm)
LED Spacing	1/4" (6mm)
Cutting Distance	1" (25mm)
Weight	6.4oz (181.4g) Per Reel
Construction	Constant Voltage Design Protects LEDs And Prolongs Life. White FPCB Inside a Silicone Sleeve
Thermal Management	N/A
Optics	N/A
Fixture Connections	Solder joints
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

DIMENSIONS

16' 4 13/16" (5m)

7/16" (10mm)

1/8" (2mm)
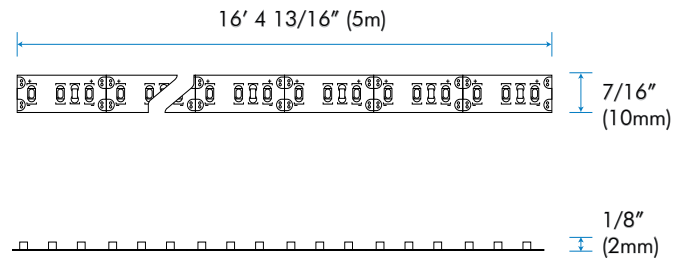
MODA TECHNOLOGY

moda**HIGH CRI**

moda**PHOSPHOR**™

STANDARDS & CERTIFICATIONS

ETL c us

CE

RoHS ✓

LM 79

LM 80

5 YEAR WARRANTY

Project Name:

Notes:

ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width	
2.0 ft	1.79 fc	7.1 ft	6.7 ft
4.0 ft	0.45 fc	14.1 ft	13.5 ft
6.0 ft	0.20 fc	21.2 ft	20.2 ft
8.0 ft	0.11 fc	28.2 ft	27.0 ft
10.0 ft	0.07 fc	35.3 ft	33.7 ft
12.0 ft	0.05 fc	42.3 ft	40.5 ft

- Vert. Spread: 126.2°
- Horiz. Spread: 125.6°
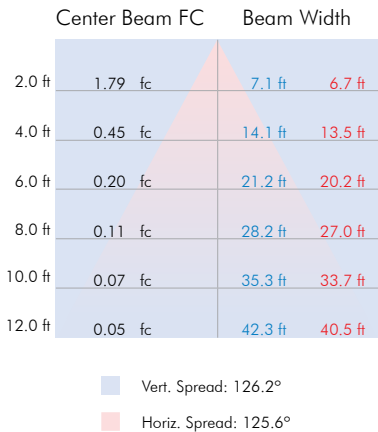
POLAR CANDELA DISTRIBUTION

- 0° H
- 90° H
- 22.50° H
- 45° H
- 67.50° H
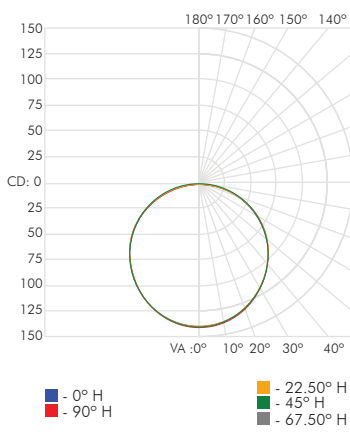
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	5.67	N.A.	25.50%
0-40	9.41	N.A.	42.30%
0-60	17.11	N.A.	77.00%
60-90	4.64	N.A.	20.90%
0-90	22.22	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	22.22	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	0.68	N.A.	3.06%
10-20	1.96	N.A.	8.82%
20-30	3.03	N.A.	13.64%
30-40	3.74	N.A.	16.83%
40-50	3.99	N.A.	17.96%
50-60	3.72	N.A.	16.74%
60-70	2.93	N.A.	13.19%
70-80	1.71	N.A.	7.70%
80-90	0.47	N.A.	2.12%
90-100	0.00	N.A.	0.00%

WIRING

UL / cUL Non-dimming
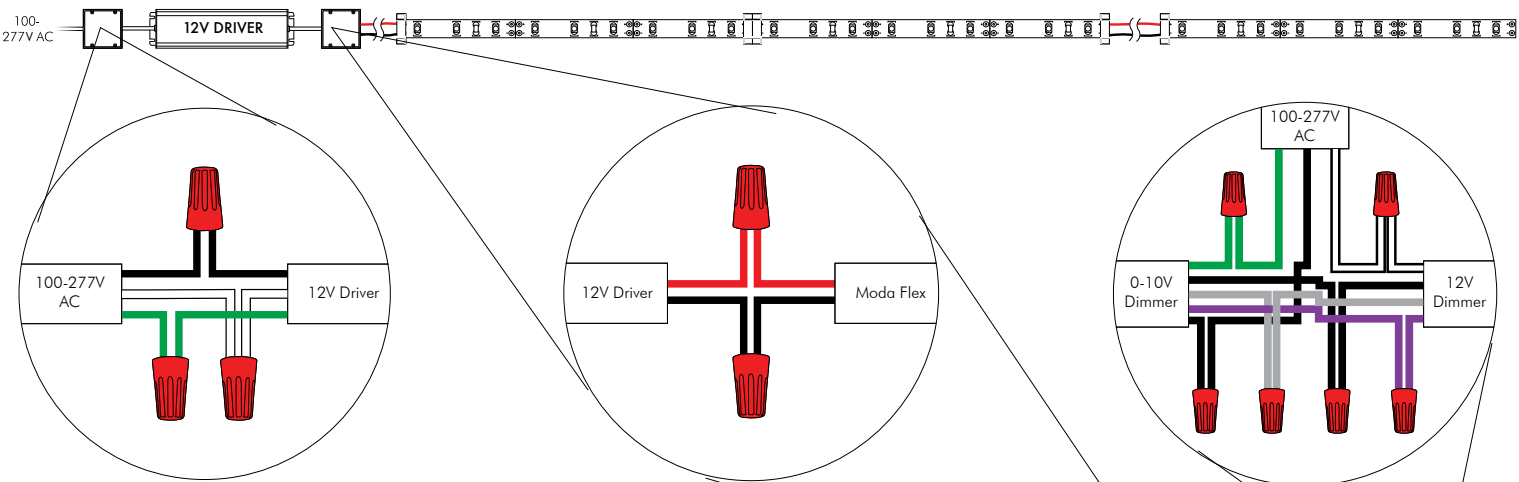
UL / cUL ELV Dimming
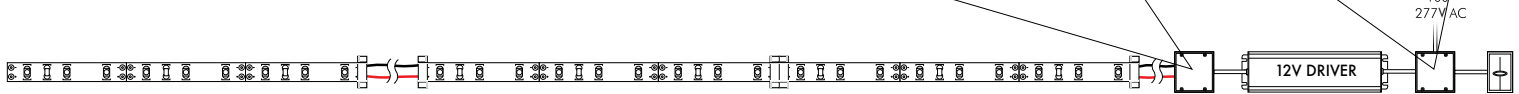
WIRING LEGEND

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

UL/cUL
- Power Positive
- Power Negative

12V Driver
- Power Positive
- Power Negative
- Ground
- Data Positive
- Data Negative

MAX CONTINUOUS RUN

60W Driver	9ft
100W Driver	16ft
132W Driver	20ft
150W Driver	24ft

ACCESSORIES

MRTA35 **10' LEADER CABLE**	**MRTA34** **EZ - CONNECTOR**	**MRTA38** **4" EZ - CONNECTOR**
Connects SUPERFLEX HCRI to Power Supply	Connects Two SUPERFLEX HCRI Together	Connects Two SUPERFLEX HCRI Together and Allows for Flexible Corner Bends
L: 3/5" (15mm) W: 1/5" (6mm) H: 1/10" (10mm)	L: 3/5" (15mm) W: 2/5" (10mm) H: 1/10" (2mm)	L: 1/2" (13mm) W: 1/5" (6mm) H: 1/10" (2mm)

12V 0-10V Dimming Drivers

MP05 **347V AC**	**MP18N** **100 - 277V AC**	**MP86** **100 - 277V AC**	**MP88** **100 - 277V**
60W - IP66	60W - IP66	100W - IP66	150W - IP66
L: 9 7/16" (240mm) W: 1 3/4" (43mm) H: 1 5/16" (32mm)	L: 9 7/16" (240mm) W: 1 3/4" (43mm) H: 1 5/16" (32mm)	L: 9 1/2" (241mm) W: 2 5/16" (58mm) H: 1 1/2" (37mm)	L: 9 1/2" (241mm) W: 2 5/8" (67mm) H: 1 5/8" (40.5mm)

12V Non Dimming Drivers

MP16 **100 - 277V AC**
132W - IP67
L: 8 3/4" (222mm) W: 2 3/4" (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	Dry Location - IP20
Warranty	5 Year Limited Warranty

ORDERING

SPF-A