

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

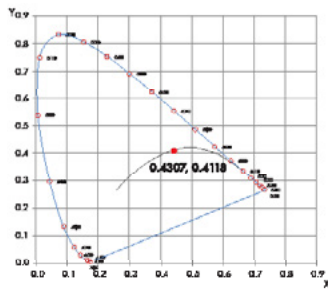
Delivered Lumens	386.37 lm / ft
CCT & SDMC	3500K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.4307 y: 0.4118 u: 0.2436 v: 0.5237
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	66.61
CRI	94
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

ELECTRICAL

Input Voltage	12V DC
Power Consumption	5.8W per ft (0.04A)*
Power Factor	≤ 1
Dimming	100-277V 0-10V & Magnetic Low Voltage
Emergency	N/A

*Varies based on run and driver

CIE 1931 CHROMATICITY DIAGRAM



R VALUES

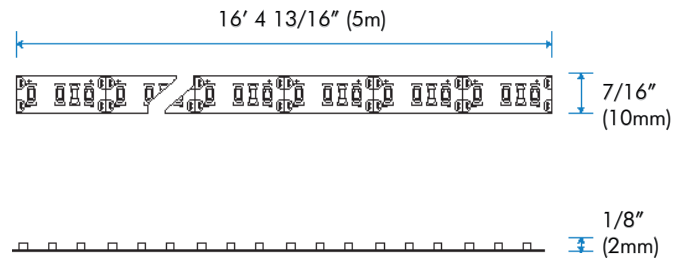
R1	R2	R3	R4	R5
94	94	90	94	93
R6	R7	R8	R9	R10
94	93	92	92	90
R11	R12	R13	R14	R15
94	83	94	93	93



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



MODA TECHNOLOGY

moda**HIGH CRI**

moda**PHOSPHOR**[™]

STANDARDS & CERTIFICATIONS



RoHS

LM
79

LM
80

5
YEAR
WARRANTY

Project Name:

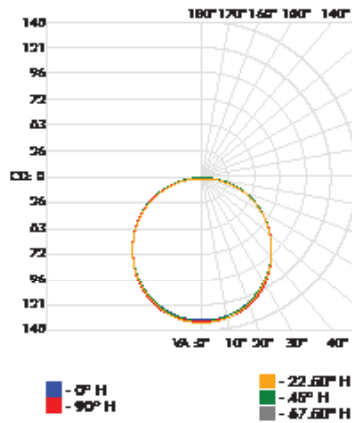
Notes:

ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	35.70 fc	5.7 ft 6.1 ft
4.0 ft	8.90 fc	11.4 ft 12.3 ft
6.0 ft	4.40 fc	17.2 ft 18.4 ft
8.0 ft	2.20 fc	22.9 ft 24.5 ft
10.0 ft	1.10 fc	28.6 ft 30.7 ft
12.0 ft	0.80 fc	34.3 ft 36.8 ft

■ Vert. Spread: 112.5°
■ Horiz. Spread: 112.8°

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

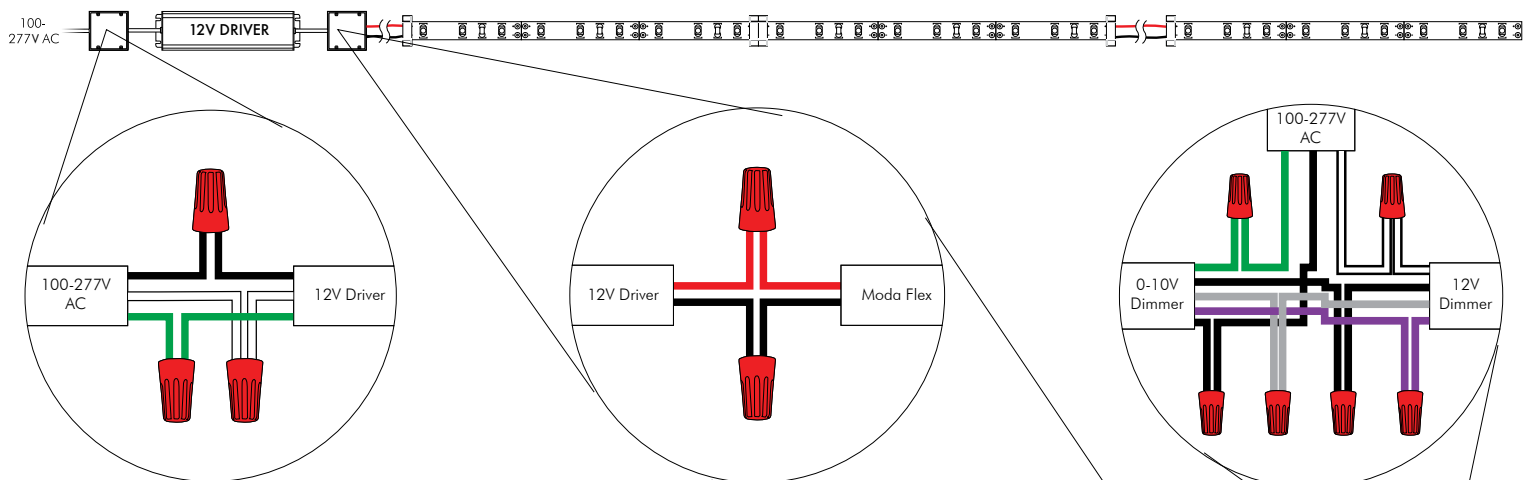
Zone	Lumens	% Lamp	% Fixt
0-30	143.72	N.A.	26.80%
0-40	235.97	N.A.	44.00%
0-60	418.85	N.A.	78.10%
60-90	105.11	N.A.	19.60%
0-90	536.30	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	536.30	N.A.	100.00%

LUMENS PER ZONE

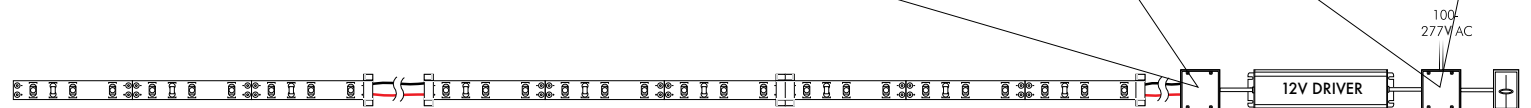
Zone	Lumens	% Lamp	% Fixt
0-10	17.42	N.A.	3.25%
10-20	50.03	N.A.	9.33%
20-30	76.15	N.A.	14.20%
30-40	92.35	N.A.	17.22%
40-50	96.21	N.A.	17.94%
50-60	86.71	N.A.	16.17%
60-70	66.66	N.A.	12.43%
70-80	38.66	N.A.	7.21%
80-90	12.12	N.A.	2.26%
90-100	0.00	N.A.	0.00%

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

Connects SUPERFLEX HCRI to Power Supply

L: 3/5" (15mm)
W: 1/5" (6mm)
H: 1/10" (10mm)



MRTA34
EZ - CONNECTOR

Connects Two SUPERFLEX HCRI Together

L: 3/5" (15mm)
W: 2/5" (10mm)
H: 1/10" (2mm)



MRTA38
4" EZ - CONNECTOR

Connects Two SUPERFLEX HCRI Together and
Allows for Flexible Corner Bends

L: 1/2" (13mm)
W: 1/5" (6mm)
H: 1/10" (2mm)

12v 0-10v Dimming Drivers



MP05
347V AC

60W - IP66

L: 9 7/16" (240mm)
W: 1 3/4" (43mm)
H: 1 5/16" (32mm)



MP18N
100 - 277V AC

60W - IP66

L: 9 7/16" (240mm)
W: 1 3/4" (43mm)
H: 1 5/16" (32mm)



MP86
100 - 277V AC

100W - IP66

L: 9 1/2" (241mm)
W: 2 5/16" (58mm)
H: 1 1/2" (37mm)



MP88
100 - 277V

150W - IP66

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-INT-S-S1-W-35-16