

### High output LED Linear Flex System.

SUPERFLEX HO has a massive output of light and is the most powerful linear flex product in the MODA LIGHT family. Equipped with a double row of High performance low powered SMD LED. Custom FPCB with high copper content to allow for stable thermal management. For applications that require a small profile with a large lumen output SUPERFLEX HO would be the perfect choice. This product must be used with an extrusion to achieve L70. See MODA Metal® for extrusion options.

### OUTPUT

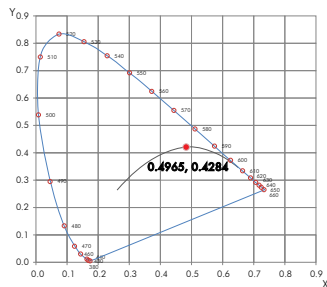
Delivered Lumens	649.37 lm / ft
CCT & SDMC	3500K
Chromaticity Coordinates	x: 0.4965 y: 0.4284 u: 0.2783 v: 0.5396
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	53.66
CRI	85
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

### ELECTRICAL

Input Voltage	24V DC
Power Consumption	12.10W per ft (0.10A)*
Power Factor	≤ 1
Control	100-277V 0-10V & Magnetic Low Voltage

\*Varies based on run and driver

### CIE 1931 CHROMATICITY DIAGRAM



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

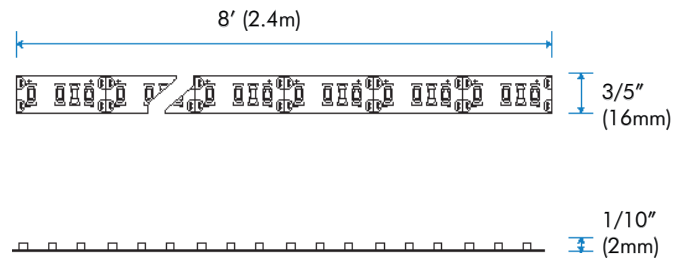
Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	82325	85182	86924
55	79487	82254	84480
65	75348	77495	79023
75	74414	73101	68542
85	113318	97938	67134



### PHYSICAL

Applications	Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 8' (2.4m) Width 3/5" (16mm) Height 1/10" (2mm)
LED Spacing	1/5" (6mm)
Cutting Distance	2" (51mm)
Weight	9.2oz (260.8g) Per Reel
Construction	Constant Voltage Design Protects LEDs And Prolongs Life. White FPCB
Thermal Management	MODA Metal Xtrusion
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**PHOSPHOR**™

### STANDARDS & CERTIFICATIONS



RoHS ✓

LM  
79

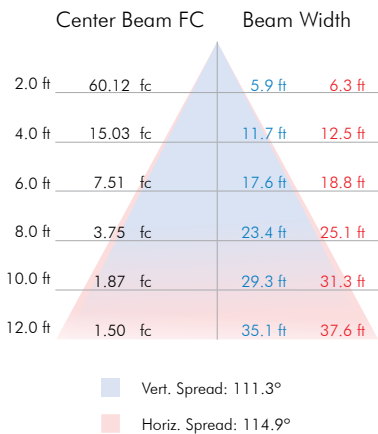
LM  
80

5  
YEAR  
WARRANTY

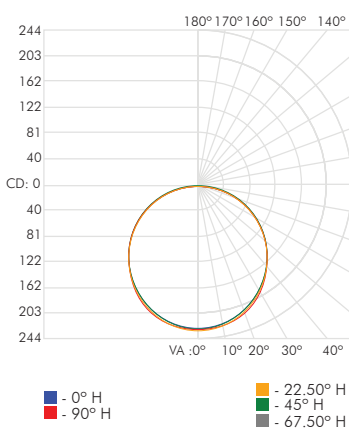
Project Name:

Notes:

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

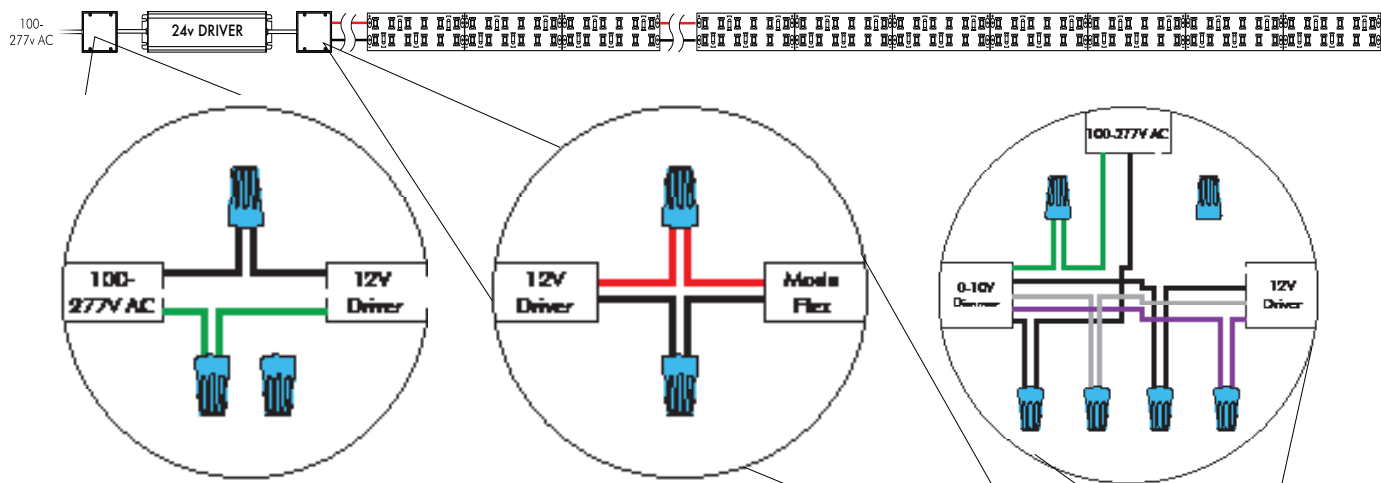
Zone	Lumens	% Lamp	% Fixt
0-30	171.43	N.A.	26.40%
0-40	281.17	N.A.	43.30%
0-60	500.10	N.A.	77.00%
60-90	130.52	N.A.	20.10%
0-90	649.37	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	649.37	N.A.	100.00%

LUMENS PER ZONE

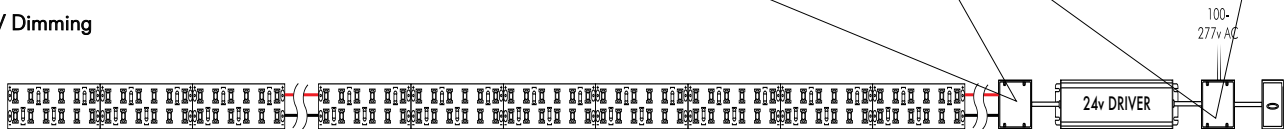
Zone	Lumens	% Lamp	% Fixt
0-10	20.77	N.A.	3.20%
10-20	59.68	N.A.	9.19%
20-30	90.78	N.A.	13.98%
30-40	109.81	N.A.	16.94%
40-50	114.61	N.A.	17.65%
50-60	104.03	N.A.	16.02%
60-70	78.77	N.A.	12.13%
70-80	50.20	N.A.	7.73%
80-90	19.15	N.A.	2.95%
90-100	0.00	N.A.	0.00%

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	6ft
100W Driver	9ft
150W Driver	14ft

## 24V 0-10V Dimming Drivers



**MP46**  
100 - 240V AC

60W - IP66

L: 2 3/5" (67mm)  
W: 1 1/2" (37mm)  
H: 1 1/10" (27mm)



**MP06**  
347V AC

60W - IP66

L: 9 2/5" (240mm)  
W: 1 7/10" (43mm)  
H: 1 3/10" (32mm)



**MP19N**  
100 - 277V AC

60W - IP66

L: 9 2/5" (240mm)  
W: 1 7/10" (43mm)  
H: 1 3/10" (32mm)



**MP87**  
100 - 277V AC

100W - IP66

L: 9 1/2" (241mm)  
W: 2 3/10" (58mm)  
H: 1 1/2" (37mm)



**MP89**  
100 - 277V AC

150W - IP66

L: 9 1/2" (241mm)  
W: 2 3/5" (67mm)  
H: 1 3/5" (45mm)

## 24V Non Dimming Drivers



**MP17**  
100 - 277V AC

150W - IP67

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

## STANDARDS & CERTIFICATIONS

<b>Certification</b>	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.
<b>Class</b>	3
<b>Environment</b>	Dry Location - IP20
<b>Warranty</b>	5 Year Limited Warranty

## ORDERING

**SPF-INT-H-S1-W-35-8**