

### 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.

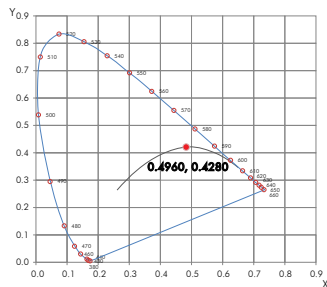
## OUTPUT

Delivered Lumens	675.00 lm / ft
CCT & SDMC	3000K
Chromaticity Coordinates	x: 0.4960 y: 0.4280 u: 0.2780 v: 0.5393
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	55.79
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)

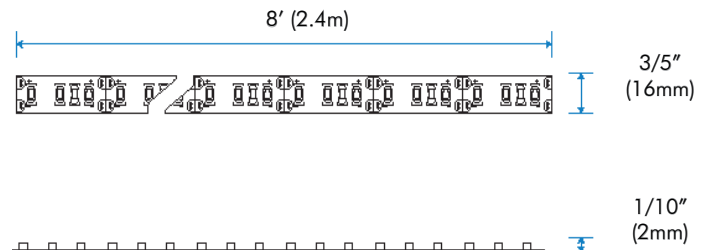
Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	82325	85182	86924
55	79487	82254	84480
65	75348	77495	79023
75	74414	73101	68542
85	113318	97938	67134



## 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

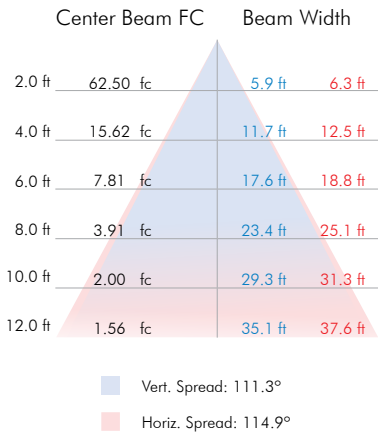
LM  
80

5  
YEAR  
WARRANTY

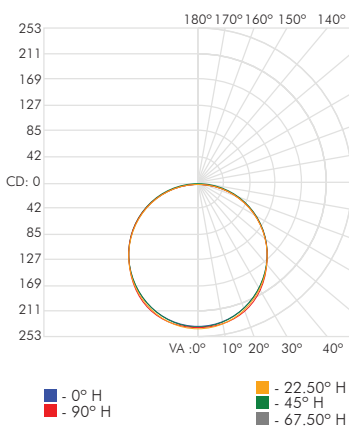
Project Name:

Notes:

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

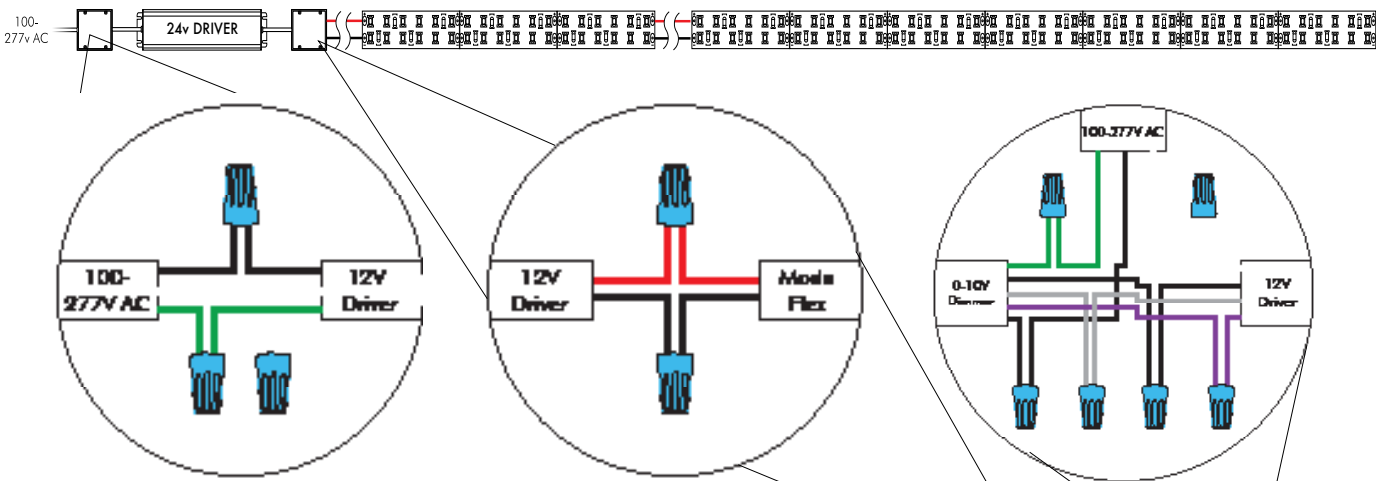
Zone	Lumens	% Lamp	% Fixt
0-30	178.20	N.A.	26.40%
0-40	292.28	N.A.	43.30%
0-60	519.75	N.A.	77.00%
60-90	135.68	N.A.	20.10%
0-90	675.00	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	675.00	N.A.	100.00%

LUMENS PER ZONE

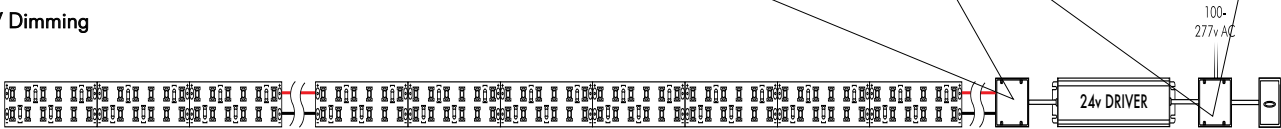
Zone	Lumens	% Lamp	% Fixt
0-10	21.60	N.A.	3.20%
10-20	62.03	N.A.	9.19%
20-30	94.36	N.A.	13.98%
30-40	114.14	N.A.	16.94%
40-50	119.13	N.A.	17.65%
50-60	108.13	N.A.	16.02%
60-70	12.13	N.A.	1.80%
70-80	52.17	N.A.	7.73%
80-90	19.91	N.A.	2.95%
90-100	0.00	N.A.	0.00%

WIRING

UL / cUL Non-dimming



UL / cUL ELV Dimming



WIRING LEGEND

Power (100-277V AC)	UL/cUL	12V Driver
Power Positive	Power Positive	Power Positive
Power Negative	Power Negative	Power Negative
Ground		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-3H-8**