

## FLATFLEX:

MODA's new ultra low profile flexible lighting solution is just 1/5" (6mm) thick and has all of its components cleverly hidden from view so the flex looks like a lighting fixture. Free from any form of shape memory, easily bends along its line of light giving the specifier a multitude of design options. Dimming is easy with MODA Dimmable Drivers - choice of MLV or 0-10v dimming. Full line of accessories available, MODA Xtrusion<sup>®</sup>, clips, simple leader and jumper cables. Clean lines with options of White or Clear finish options. Supplied in contractor ready 150ft (45.7m) reels. UL listed for use in USA & Canada.

## OUTPUT

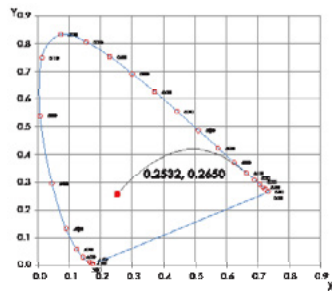
Delivered Lumens	315.61 lm / ft
CCT & SDMC	3000K
Chromaticity Coordinates	x: 0.4389 y: 0.4094 u: 0.2495 v: 0.5237
Color Bin Tolerance	+3% / -3%
Efficacy (lm/w)	92.55
CRI	82
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

## ELECTRICAL

Input Voltage	24V DC
Power Consumption	3.41W per ft (0.14A)*
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)

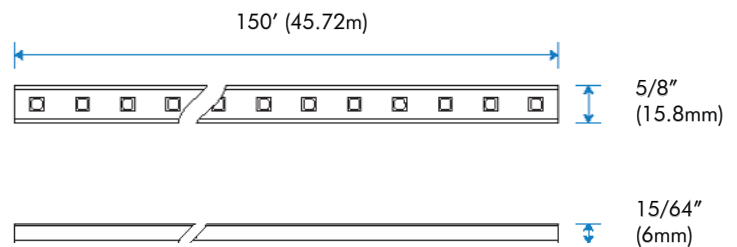
Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	124425	126934	128063
55	119547	122563	123626
65	110282	112433	113798
75	94450	96421	97149
85	91586	97692	99600



## PHYSICAL

Applications	Cove, Kitchen Cabinet, Furniture, Signage
Dimensions	Length 150' Drum (45.72m) Width 5/8" (15.8mm) Height 15/64" (6mm)
LED Spacing	7/10" (17mm)
Beam Distribution	110°
Cutting Distance	4" (100mm)
Weight	14.3oz (6.48kg) Per Reel
Construction	Tough Polyepoxide UV Protected Body
Thermal Management	N/A
Optics	N/A
Fixture Connections	Push To Fit Connectors
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Humidity	0-95% Non Condensing

## DIMENSIONS



## MODA TECHNOLOGY

modaBIN<sup>™</sup>

## STANDARDS & CERTIFICATIONS



LM  
79

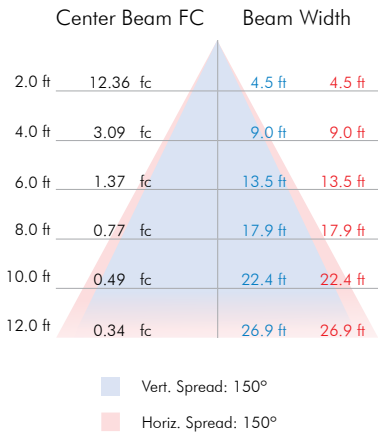
LM  
80

5  
YEAR  
WARRANTY

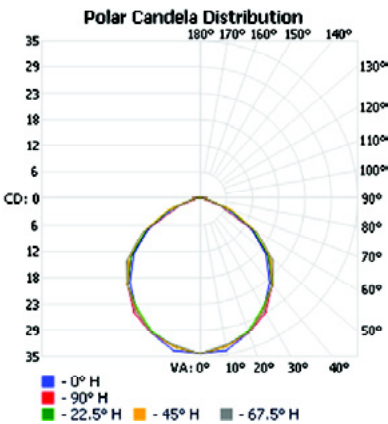
Project Name:

Notes:

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	89.95	N.A.	28.50%
0-40	147.07	N.A.	46.60%
0-60	260.06	N.A.	82.40%
60-90	53.65	N.A.	17.00%
0-90	313.72	N.A.	99.40%
90-180	1.89	N.A.	0.60%
0-180	315.61	N.A.	100.00%

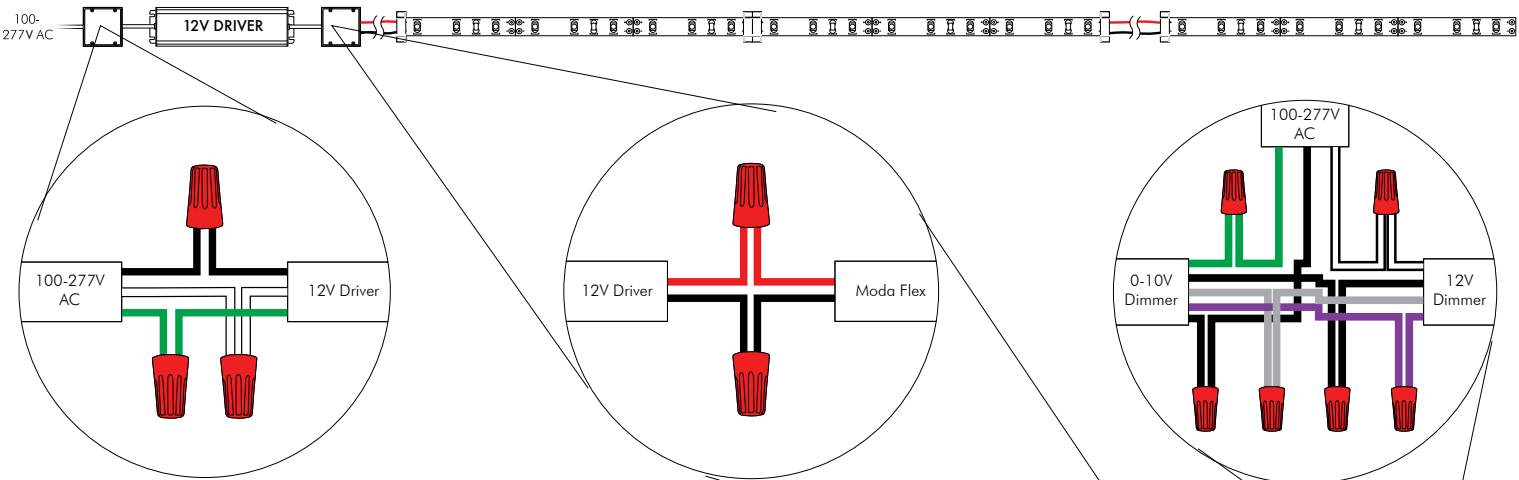
LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	11.05	N.A.	3.50%
10-20	31.56	N.A.	10.00%
20-30	47.34	N.A.	15.00%
30-40	57.44	N.A.	18.20%
40-50	59.97	N.A.	19.00%
50-60	52.71	N.A.	16.70%
60-70	34.40	N.A.	10.90%
70-80	14.20	N.A.	4.50%
80-90	4.73	N.A.	1.50%
90-100	1.89	N.A.	0.60%

WIRING

WIRING

UL / cUL Non-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 RUN

60W Driver	39ft
100W Driver	64ft
132W Driver	85ft
150W Driver	96ft

## ACCESSORIES



**MRTA25**  
**10' Leader Cable**

Connects STARFLEX to Power Supply

L: 1/2" (13mm)  
W: 1/4" (6mm)  
H: 1/8" (2mm)



**MRTA26**  
**In-Line Connector**

Connects Two STARFLEX Together

L: 1/2" (13mm)  
W: 7/16" (10mm)  
H: 1/8" (2mm)



**MRTA27**  
**4" EZ - Connector for STARFLEX**

Connects Two STARFLEX and  
Allows for Flexible Corner Bends

L: 1/2" (13mm)  
W: 1/4" (6mm)  
H: 1/8" (2mm)



**MODA SHIELD**

Comes in Either Clear (C) or White (W) Finish

4' Section  
Interior Channel: 5/16" (8mm)

## 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

<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

**FF-B-3000K-150FT**  
**FF-C-3000K-150FT**  
**FF-W-3000K-150FT**