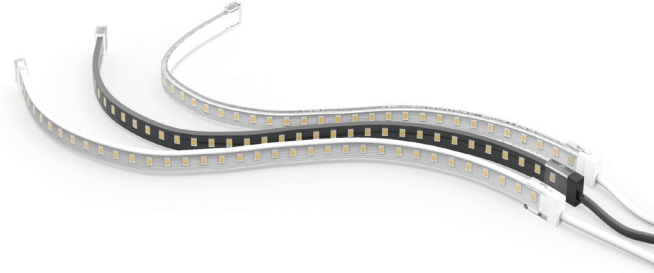


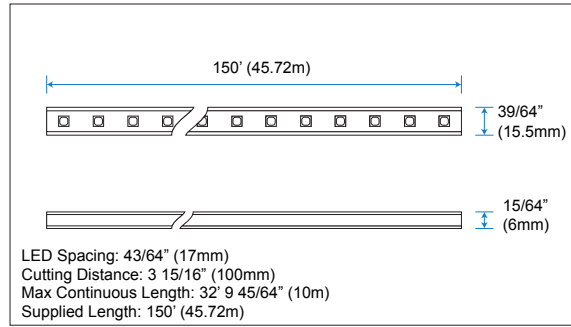
## SPECIFICATION

### FLATFLEX:

MODA's new low profile flexible lighting solution is just 1/5" (6mm) thick and has every component hidden to resemble a lighting fixture that bends like a flex. Free from shape memory, and flexes along it's line of light, delivering 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 Xtrusions, clips and simple leader and jumper cables. Clean lines with options of Black, White or Clear Finishes. Supplied in contractor ready 150ft (45.7m) reels. UL listed for use in USA & Canada.



### Dimensions:

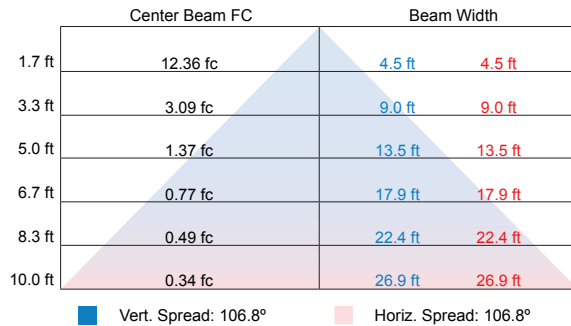


### Output:

Delivered Lumens	315.61 lm / ft
CCT	2700k
Chromaticity Ordinates	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

### Illuminance at a Distance: Data Shown for 150°

(For lux multiply fc by 10.7)

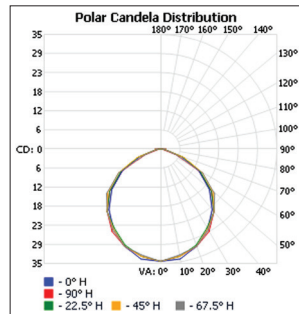


### Electrical:

Input Voltage	24v DC
Power Consumption	3.41w (0.14A) - Varies based on length of run & driver
Power Factor	≤ 1
Dimming	100-277v 0-10v Magnetic Low Voltage
Emergency	N/A

### Polar Candela Distribution:

Data Shown for 150°



### Lumens per Zone:

Zone	Lumens	% Total
0-10	10.27	3.50%
10-20	29.34	10.00%
20-30	44.00	15.00%
30-40	53.39	18.20%
40-50	55.74	19.00%
50-60	48.99	16.70%
60-70	31.98	10.90%
70-80	13.20	4.50%
80-90	4.40	1.50%
90-100	1.76	0.60%

### Physical:

Applications	Cove, Kitchen Cabinet, Furniture, Signage
Dimensions	Length 150' Drum (45.72m) Width 39/64" (15.5mm) Height 15/64" (6mm)
Weight	14.3 lbs (6.48 Kg) 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

<b>Project Name:</b>			
<b>Notes:</b>			

# SPECIFICATION

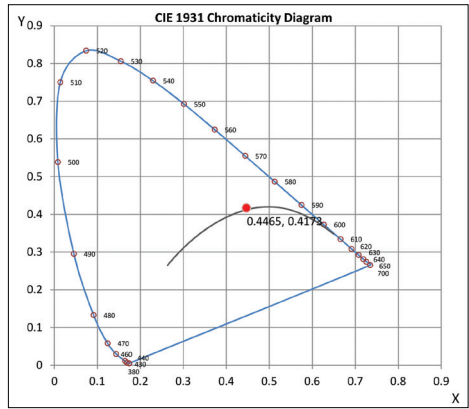
## Zonal Lumen Summary:

Zone	Lumens	% Lamp	% Fixt
0-30	83.61	N.A.	28.50%
0-40	136.71	N.A.	46.60%
0-60	241.73	N.A.	82.40%
60-90	49.87	N.A.	17.00%
0-90	291.60	N.A.	99.40%
90-180	1.76	N.A.	0.60%
0-180	293.36	N.A.	100%

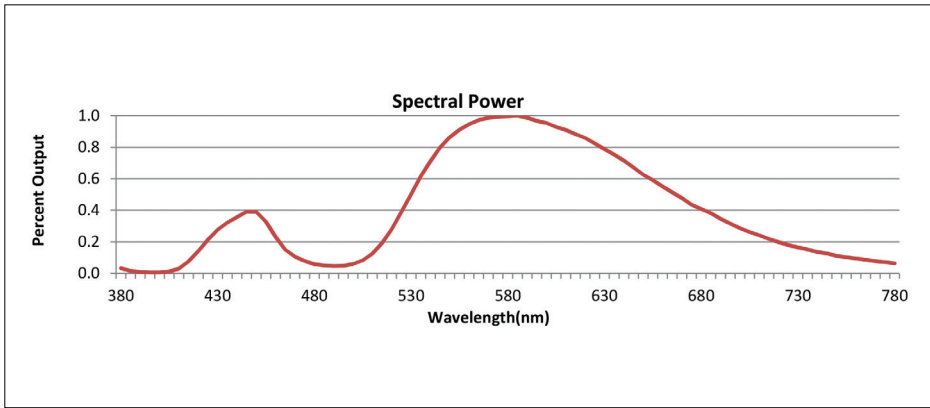
## Luminance Data (cd/sq.m):

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

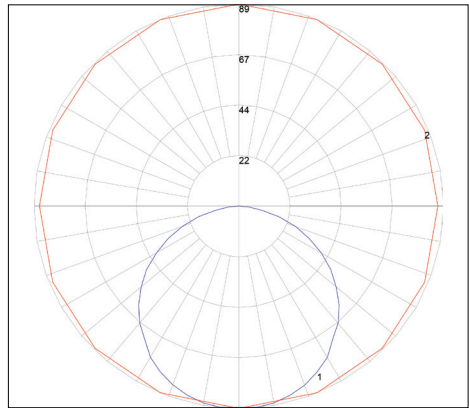
## CIE 1931 Chromaticity Diagram:



## Spectral Power:



## Polar Graph: Data Shown for 150°



## Accessories:

<b>LEADER CABLE</b> Power Lead for FLATFLEX	<b>INLINE CONNECTOR</b> Connector for FLATFLEX	<b>JUMPER CABLE</b> Connector for FLATFLEX	<b>TERMINATOR</b> Terminator for FLATFLEX (10pcs)	<b>MOUNTING CLIP</b>	<b>Flatflex Xrusion</b> 3ft Mounting Xtrusion for FLATFLEX
Connects FLATFLEX To Power Supply	Connects Two FLATFLEX Together	Connects Two FLATFLEX and allows for corner bends	Terminates FLATFLEX To Protect FPCB From Dust	Screws Into Surface To Hold FLATFLEX	Screws Into Surface To Hold FLATFLEX
Connector Dim: L: 1 1/2" (39mm) W: 3/5" (18mm) H: 2/5" (11mm) <b>Finish SKU:</b> Black - FF-LDR-CBL-B-5FT White - FF-LDR-CBL-S2-W-5FT	Connector Dim: L: 1 1/2" (39mm) W: 3/5" (18mm) H: 2/5" (11mm) <b>Finish SKU:</b> Black - FF-ILC-B White - FF-ILC-W	Connector Dim: L: 1 1/2" (39mm) W: 3/5" (18mm) H: 2/5" (11mm) <b>Finish SKU:</b> Black - FF-JMP-CBL-B-1FT White - FF-JMP-CBL-W-1FT	L: 3/5" (17mm) W: 3/5" (18mm) H: 2/5" (11mm) <b>Finish SKU:</b> Black: FF-T-B White: FF-T-W	L: 1 1/5" (30mm) W: 1/5" (6mm) H: 3/10" (8mm) 2 Screws 1/2" (13mm) <b>SKU:</b> FF-CLP	L: 3' (914mm) W: 5/8" (16mm) H: 2/5" (10mm) <b>SKU:</b> FF-XTR-3FT

## Options:

Product Name	Finish	Color Temp
FF	B - Black Jacket C - Clear Jacket W - White Jacket	2700k - Warm White


## Standards and 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	Class 3
Environment	Dry Location - IP40
Warranty	5 Year Limited Warranty

## Ordering:

BLACK SKU: FF-B-2700K-150FT CLEAR SKU: FF-C-2700K-150FT WHITE SKU: FF-W-2700K-150FT
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### SPECIFICATION

Non Dimming		Voltage Range	Wattage	IP Rating	Dimension
MP17		100-277v AC	150w	IP67	8 7/10" x 2 7/10" x 1 1/2" (222mm x 68mm x 39mm)

0-10v Dimming		Voltage Range	Wattage	IP Rating	Dimension
MP06		347v AC	60w	IP66	9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm)
MP19N		100-277v AC	60w	IP66	9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm)
MP87		100-277v AC	100w	IP66	9 1/2" x 2 3/10" x 1 1/2" (241mm x 58mm x 37mm)
MP89		100-277v AC	150w	IP66	9 1/2" x 2 3/5" x 1 3/5" (241mm x 67mm x 40.5mm)

#### Ordering:

Sample SKU: MP19N