moda **LIGHT**®
SPECIFICATION

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®, 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	61.05 lm / ft
CCT & SDMC	N/A
Chromaticity Coordinates	x: 0.5858 y: 0.4133 u: 0.3452 v: 0.5480
Color Bin Tolerance	N/A
Efficacy (lm/w)	38.64
CRI	N/A
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	1.58W 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

0.4115, 0.3934
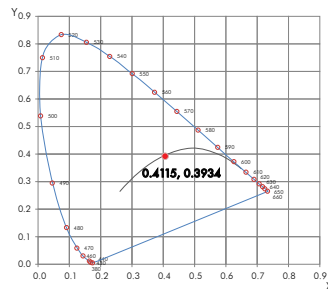
LUMINANCE DATA
(cd/sq.m)

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

150' (45.72m)

5/8" (15.8mm)

15/64" (6mm)
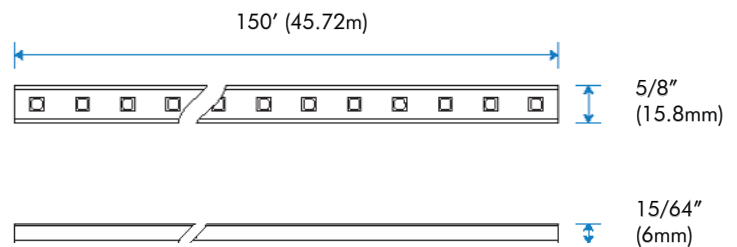
MODA TECHNOLOGY

moda**BIN**™

STANDARDS & CERTIFICATIONS

ETL us   CE   RoHS APPROVED

LM 79   LM 80   5 YEAR WARRANTY

Project Name:

Notes:

ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width	
2.0 ft	12.36 fc	4.5 ft	4.5 ft
4.0 ft	3.09 fc	9.0 ft	9.0 ft
6.0 ft	1.37 fc	13.5 ft	13.5 ft
8.0 ft	0.77 fc	17.9 ft	17.9 ft
10.0 ft	0.49 fc	22.4 ft	22.4 ft
12.0 ft	0.34 fc	26.9 ft	26.9 ft

Vert. Spread: 106.8°
Horiz. Spread: 106.8°
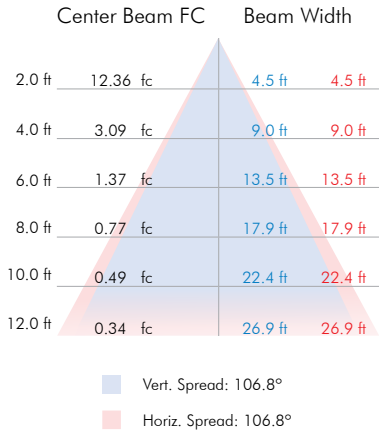
POLAR CANDELA DISTRIBUTION

- 0° H
- 90° H
- 22.50° H
- 45° H
- 67.50° H
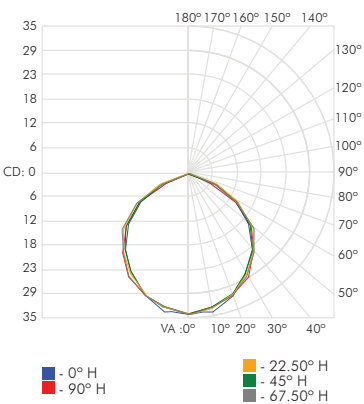
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	17.21	N.A.	28.50%
0-40	28.45	N.A.	46.60%
0-60	50.31	N.A.	82.40%
60-90	10.38	N.A.	17.00%
0-90	60.68	N.A.	99.40%
90-180	0.37	N.A.	0.60%
0-180	61.05	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	2.14	N.A.	3.50%
10-20	6.11	N.A.	10.00%
20-30	9.16	N.A.	15.00%
30-40	11.11	N.A.	18.20%
40-50	11.60	N.A.	19.00%
50-60	10.20	N.A.	16.70%
60-70	6.65	N.A.	10.90%
70-80	2.75	N.A.	4.50%
80-90	0.92	N.A.	1.50%
90-100	0.37	N.A.	0.60%

WIRING

WIRING
UL / cUL Non-dimming
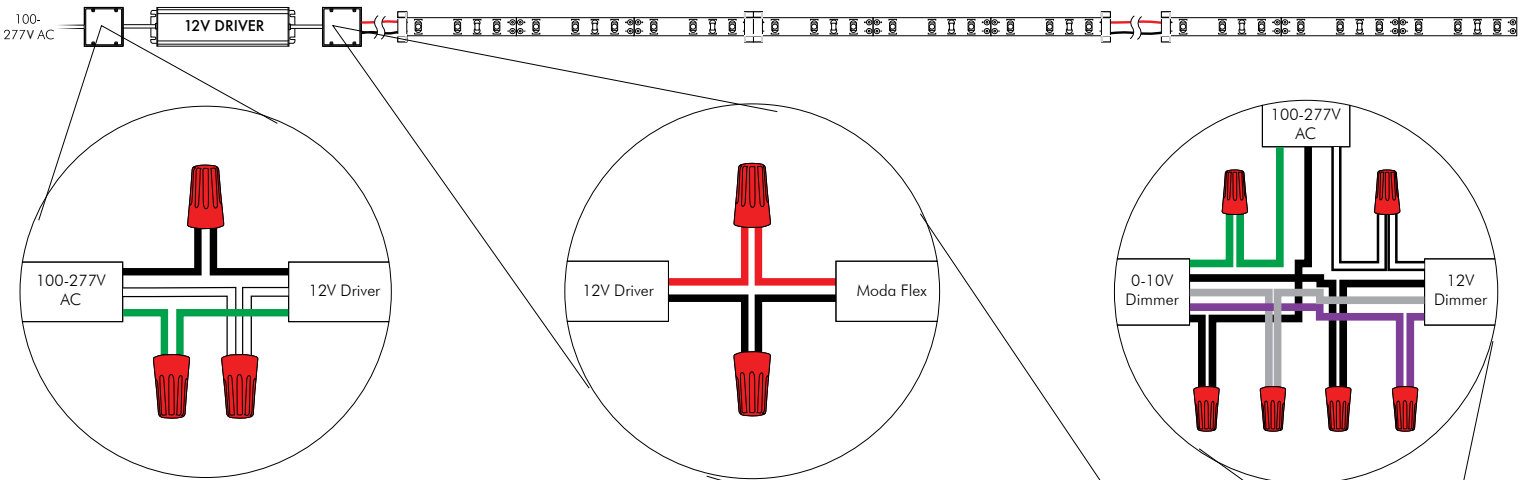
UL / cUL ELV Dimming
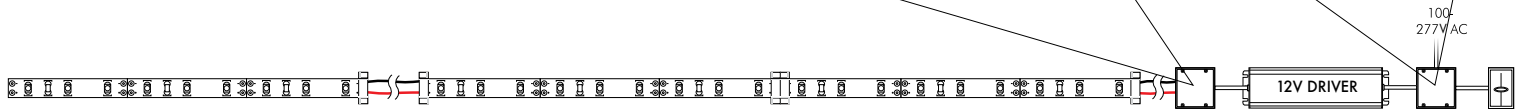
WIRING LEGEND

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 RUN

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

moda LIGHT®
SPECIFICATION

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

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

FF-B-A-150FT
FF-C-A-150FT
FF-W-A-150FT