

## Dimmable Low Profile LED Linear Flex System.

MINI STARFLEX is the thinnest flexible linear product. Designed to deliver a large amount of light in an incredibly small package while still maintaining the high performance and quality as the rest of the STARFLEX family. MINI STARFLEX is field cuttable every 1 inch and comes complete with 3M backing for easy installation. No UV or IR. Dimmable with choice of MODA drivers. SEE MODA Metal<sup>®</sup> for extrusion options.

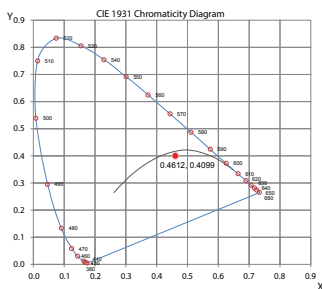
## OUTPUT

Delivered Lumens	178.23 lm / ft
CCT & SDMC	3500K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.4141 y: 0.4008 u: 0.2373 v: 0.3444
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	86.10
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	12V DC
Power Consumption	2.07W per ft (0.17A)*
Power Factor	≤ 1
Control	100-277V 0-10V & Magnetic Low Voltage * Varies based on length of run and driver

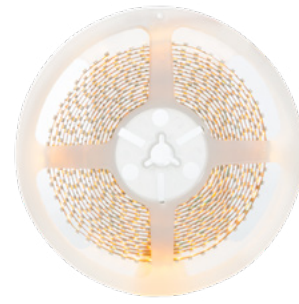
## CIE 1931 CHROMATICITY DIAGRAM



## R VALUES

R1	R2	R3	R4	R5
91	91	87	90	89
R6	R7	R8	R9	R10
88	89	89	88	87
R11	R12	R13	R14	R15
90	89	92	91	91

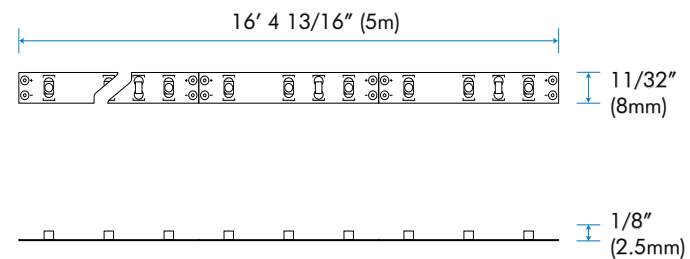
# STARFLEX<sup>®</sup> INTERIOR 3500K HCRI



## PHYSICAL

Applications	Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 16' 4 13/16" (5m) Width 1/4" (8mm) Height 1/8" (2.5mm)
LED Spacing	1/4" (5mm)
Cutting Distance	1" (25mm)
Weight	3.9oz (110g) Per Reel
Construction	Constant Voltage Design Protects LEDs and Prolongs Life. White FPCB.
Thermal Management	N/A
Optics	N/A
Fixture Connections	Solder Connectors
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**HIGH CRI**  
moda**PHOSPHOR**<sup>™</sup>

## STANDARDS & CERTIFICATIONS



LM  
79

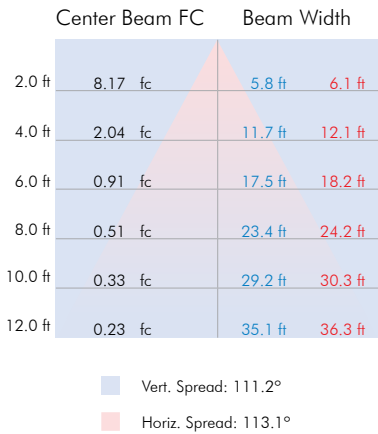
LM  
80

5  
YEAR  
WARRANTY

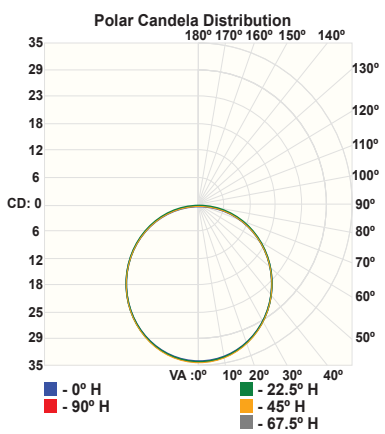
Project Name:

Notes:

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

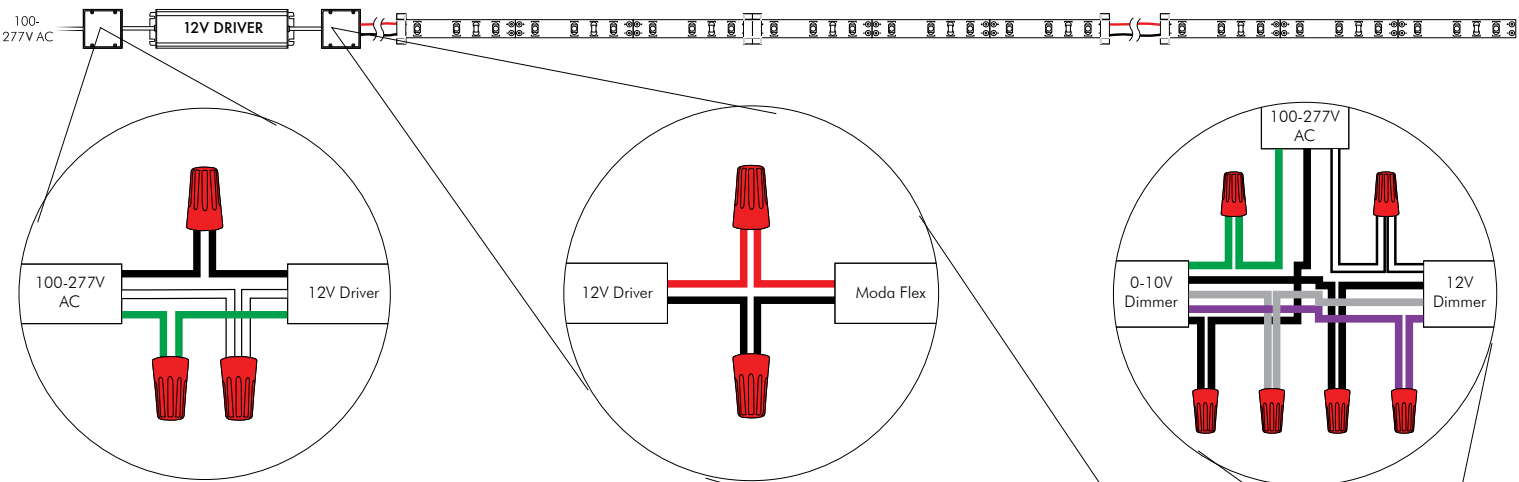
Zone	Lumens	% Lamp	% Fixt
0-30	48.30	N.A.	27.10%
0-40	79.13	N.A.	44.40%
0-60	140.27	N.A.	78.70%
60-90	34.03	N.A.	19.10%
0-90	178.23	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	178.23	N.A.	100.00%

LUMENS PER ZONE

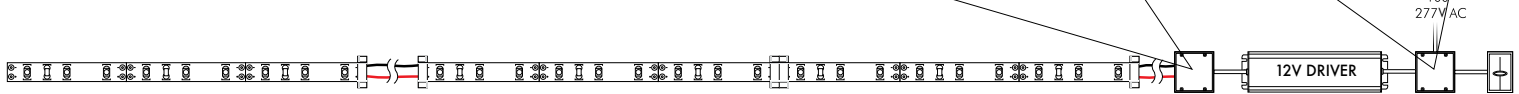
Zone	Lumens	% Lamp	% Fixt
0-10	5.86	N.A.	3.29%
10-20	16.82	N.A.	9.44%
20-30	25.56	N.A.	14.34%
30-40	30.89	N.A.	17.33%
40-50	32.12	N.A.	18.02%
50-60	29.03	N.A.	16.29%
60-70	21.90	N.A.	12.29%
70-80	12.12	N.A.	6.80%
80-90	3.89	N.A.	2.18%
90-100	0.00	N.A.	0.00%

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 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

**MN-STF-35K**