

**Dimmable Low Profile LED Linear Flex System.**  
STARFLEX HCRI has set the standard for ultra flexible SS illumination. Easy installation is achieved with simple hand tools and rapid push to fit connectors. Can be cut every inches. Easy peel 3M backing for fixing to most surfaces High lumen output. No UV or IR. Dimmable with choice of MODA drivers. A perfect low energy, low heat output solution for cove, niche, cabinet and display applications. See MODA Metal <sup>®</sup> for extrusion options.



## OUTPUT

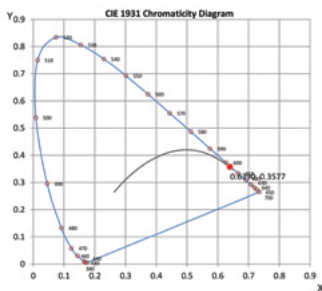
Delivered Lumens	10.69 lm / ft
CCT & SDMC	N/A
Chromaticity Coordinates	x: 0.6390 y: 0.3577 u: 0.4250 v: 0.5353
Color Bin Tolerance	N/A
Efficacy (lm/W)	8.10
CRI	N/A
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

## ELECTRICAL

Input Voltage	12V DC
Power Consumption	1.32W per ft (0.11A)*
Power Factor	≤ 1
Control	100-277V 0-10V & Magnetic Low Voltage

\* Varies based on length of run and driver

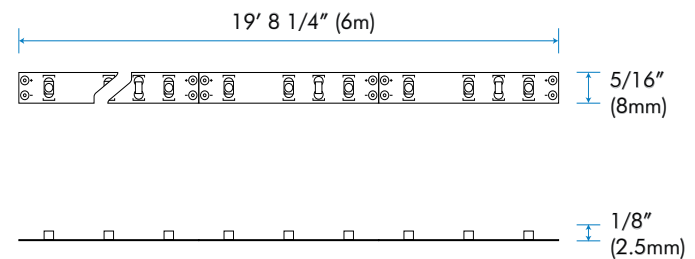
## CIE 1931 CHROMATICITY DIAGRAM



## PHYSICAL

Applications	Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 19' 8 1/4" (6m) Width 5/16" (8mm) Height 1/8" (2.5mm)
LED Spacing	5/8" (14mm)
Cutting Distance	2" (51mm)
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	Push to Fit 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



RoHS ☒

LM  
79

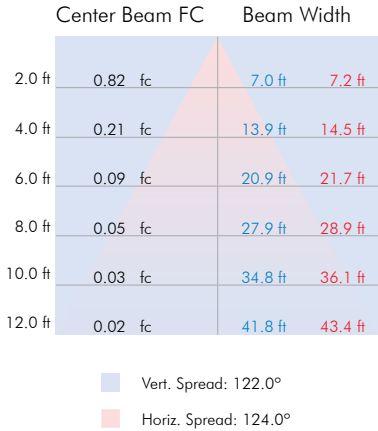
LM  
80

5  
YEAR  
WARRANTY

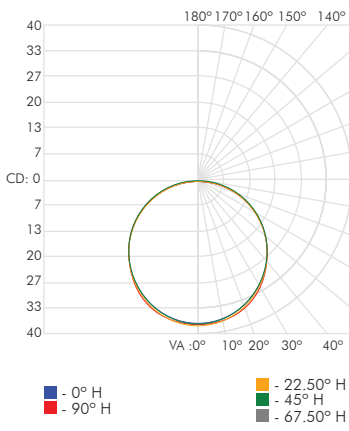
Project Name:

Notes:

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

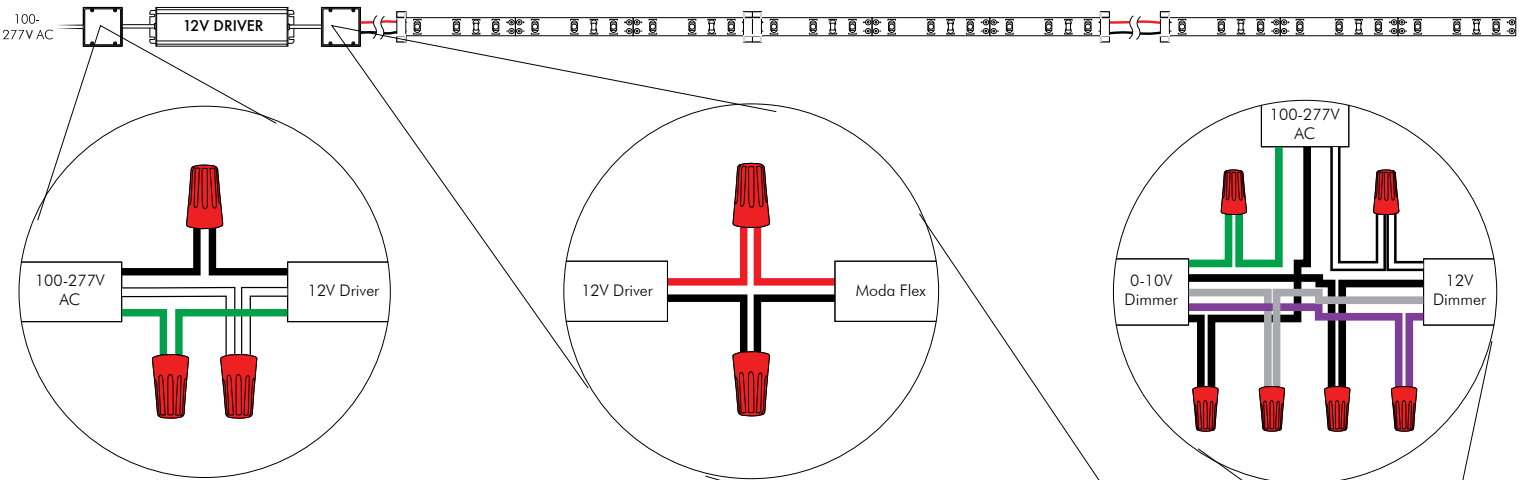
Zone	Lumens	% Lamp	% Fixt
0-30	2.62	N.A.	25.00%
0-40	4.38	N.A.	41.40%
0-60	8.09	N.A.	76.00%
60-90	2.31	N.A.	21.60%
0-90	10.69	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	10.69	N.A.	100.00%

LUMENS PER ZONE

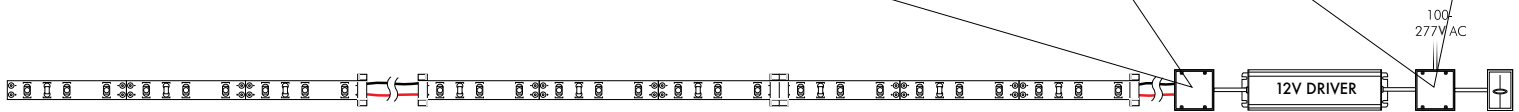
Zone	Lumens	% Lamp	% Fixt
0-10	0.31	N.A.	3.02%
10-20	0.91	N.A.	8.67%
20-30	1.41	N.A.	13.29%
30-40	1.75	N.A.	16.47%
40-50	1.91	N.A.	17.74%
50-60	1.80	N.A.	16.87%
60-70	1.44	N.A.	13.52%
70-80	0.87	N.A.	8.04%
80-90	0.29	N.A.	2.47%
90-100	0.00	N.A.	0.00%

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

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

STF-A