

Dimmable Side Emitting LED Linear Flex System.

EDGE displays both technology and creativity with a brand new side emitting LED. Now the tightest radius, or the most unique contouring line is possible to illuminate evenly and consistently. Field cuttable with a self adhesive backing. EDGE compliments the existing MODA linear flex family with its powerful output of side emitting illumination. See MODA metal® for extrusion options.



OUTPUT

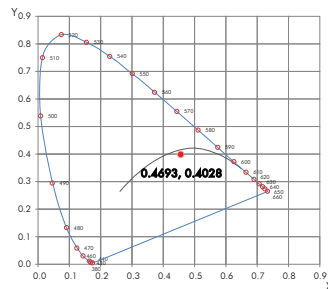
Delivered Lumens	341.34 lm / ft
CCT & SDMC	2700K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.4693 y: 0.4028 u: 0.2725 v: 0.3507
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	77.57
CRI	82
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

ELECTRICAL

Input Voltage	24V DC
Power Consumption	4.40W per ft (0.03A)*
Power Factor	≤ 1
Dimming	100-277V 0-10v & Magnetic Low Voltage
Emergency	N/A

*Varies based on run and driver

CIE 1931 CHROMATICITY DIAGRAM



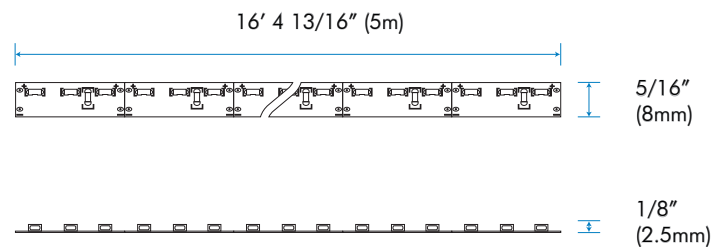
LUMINANCE DATA (cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	20307	10737	3895
55	31635	14739	3413
65	41637	16773	2735
75	50458	16015	1779
85	139711	22775	712

PHYSICAL

Applications	Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 16' 4 13/16" (5m) Width 5/16" (8mm) Height 1/8" (2.5mm)
LED Spacing	7/16" (10mm)
Cutting Distance	1 1/4" (31mm)
Weight	3.2oz (91g) Per Reel
Construction	Constant Voltage Design Protects LEDs And Prolongs Life. White FPCB Inside a Silicone Sleeve
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

modaBIN™

STANDARDS & CERTIFICATIONS



LM
79

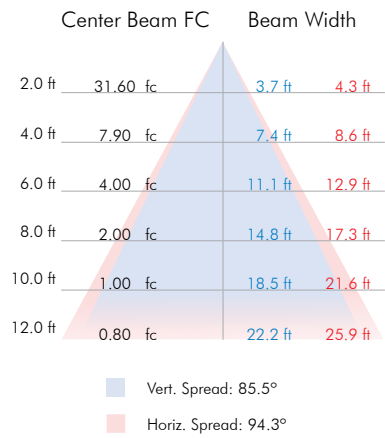
LM
80

5
YEAR
WARRANTY

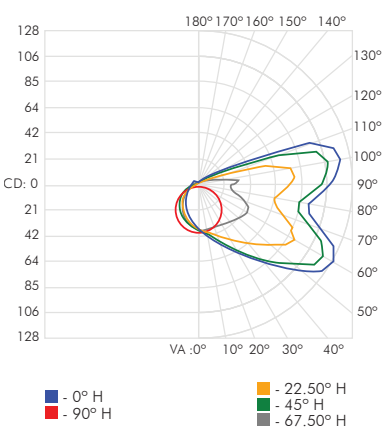
Project Name:

Notes:

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

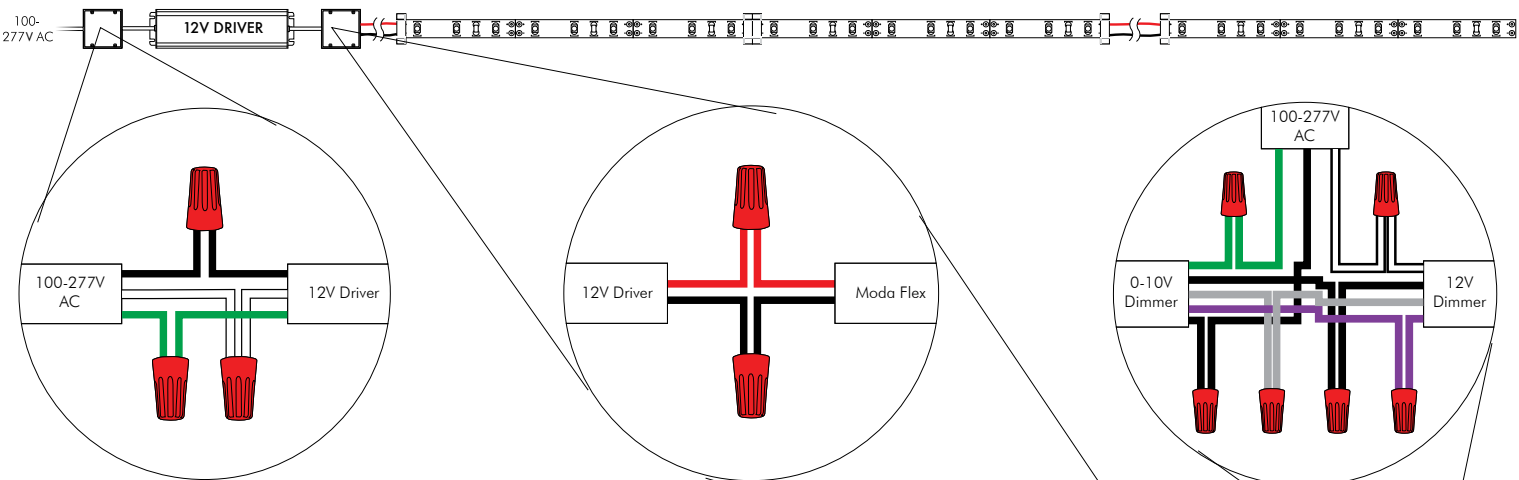
Zone	Lumens	% Lamp	% Fixt
0-30	32.77	N.A.	9.60%
0-40	58.71	N.A.	17.20%
0-60	137.56	N.A.	40.30%
60-90	82.60	N.A.	24.20%
0-90	256.68	N.A.	75.20%
90-180	84.65	N.A.	24.80%
0-180	341.34	N.A.	100.00%

LUMENS PER ZONE

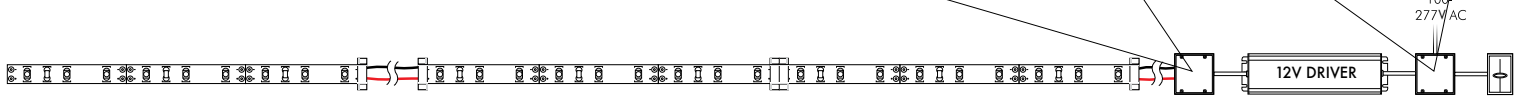
Zone	Lumens	% Lamp	% Fixt
0-10	3.72	N.A.	1.09%
10-20	10.95	N.A.	3.21%
20-30	18.22	N.A.	5.34%
30-40	25.94	N.A.	7.60%
40-50	34.54	N.A.	10.12%
50-60	44.00	N.A.	12.88%
60-70	45.19	N.A.	13.24%
70-80	37.27	N.A.	10.92%
80-90	36.72	N.A.	10.76%
90-100	39.86	N.A.	11.68%

WIRING

UL / cUL Non-dimming



UL / cUL ELV Dimming



WIRING LEGEND

Power (100-277V AC)	24V Driver	0-10V Dimming
Power Positive	Power Positive	Power Positive
Power Negative	Power Negative	Power Negative
Ground		Ground
		Data Positive
		Data Negative

MAX CONTINUOUS RUN

60W Driver	12ft
100W Driver	20ft
132W Driver	27ft
150W Driver	30ft

ACCESSORIES



MRTA25
10' Leader Cable

Used to connect EDGE to power supply

L: 1/2" (13mm)
W: 1/4" (5mm)
H: 1/8" (2mm)



MRTA51
In-Line Connector

Used to connect two EDGE together

L: 1/2" (13mm)
W: 7/16" (105mm)
H: 1/8" (2mm)

24v 0-10v Dimming Drivers



MP06
347v AC

60w - IP66

L: 9 7/16" (240mm)
W: 1 3/4" (43mm)
H: 1 5/16" (32mm)



MP19N
100 - 277v AC

60w - IP66

L: 9 7/16" (240mm)
W: 1 3/4" (43mm)
H: 1 5/16" (32mm)



MP87
100 - 277v AC

100w - IP66

L: 9 1/2" (241mm)
W: 2 5/16" (58mm)
H: 1 1/2" (37mm)



MP89
100 - 277v

150w - IP66

L: 9 1/2" (241mm)
W: 2 5/8" (67mm)
H: 1 5/8" (40.5mm)

24v Non Dimming Drivers



MP17
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

EDG-IN-S-S4-W-27K-16