

Dimmable Wet Location Side Emitting LED Linear Flex System.

AQUA EDGE displays both technology and creativity with brand new side emitting LEDs. Now the tightest radius, or the most unique contouring line is possible to illuminate evenly and consistently. Field cuttable and IP67 wet location rated. AQUA EDGE compliments the existing MODA linear flex family with powerful side emitting illumination. See MODA Metal[®] for extrusion options.

OUTPUT

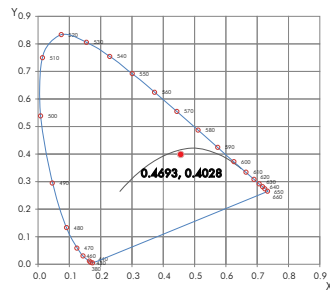
Delivered Lumens	313.34 lm / ft
CCT & SDMC	2700K - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.4693 y: 0.4028 u: 0.2725 v: 0.3507
Color Bin Tolerance	+ 3% / -3%
Efficacy (lm/w)	71.21
CRI	82
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

ELECTRICAL

Input Voltage	24V DC
Power Consumption	4.4W per ft (0.03A)*
Power Factor	≤ 1
Control	100-277V 0-10V & Magnetic Low Voltage

*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

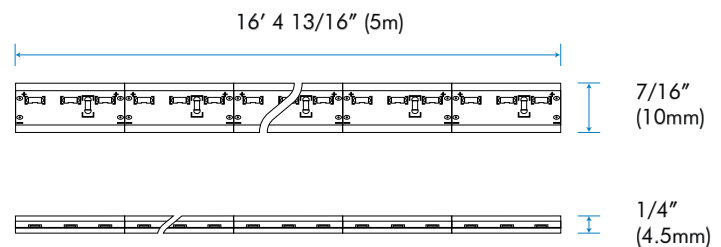
Project Name:

Notes:

PHYSICAL

Applications	Wet Locations, Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 16' 4 13/16" (5m) Width 7/16" (10mm) Height 1/4" (4.5mm)
LED Spacing	7/16" (10mm)
Beam Distribution	110°
Cutting Distance	1 11/4" (31mm)
Weight	11.2oz (317.5g) 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	Solder joints
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**PHOSPHOR**[™]

STANDARDS & CERTIFICATIONS

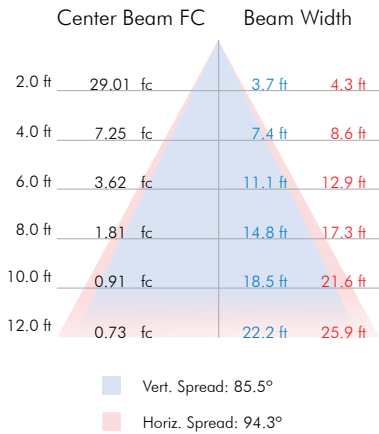


LM 79

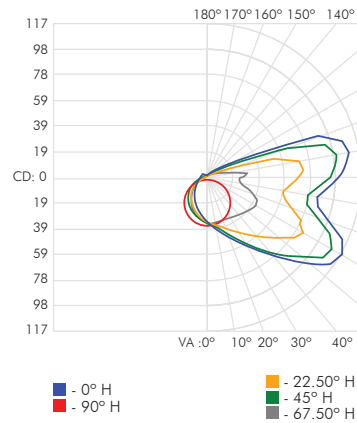
LM 80

5 YEAR WARRANTY

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

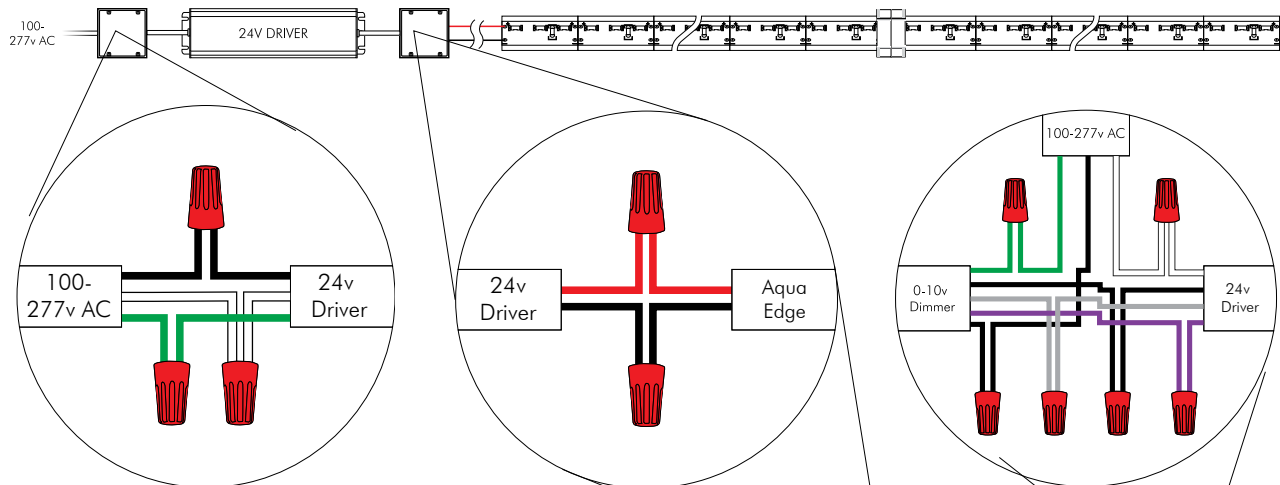
Zone	Lumens	% Lamp	% Fixt
0-30	30.10	N.A.	9.60%
0-40	53.90	N.A.	17.20%
0-60	126.28	N.A.	40.30%
60-90	75.83	N.A.	24.20%
0-90	235.63	N.A.	75.20%
90-180	77.71	N.A.	24.80%
0-180	313.34	N.A.	100.00%

LUMENS PER ZONE

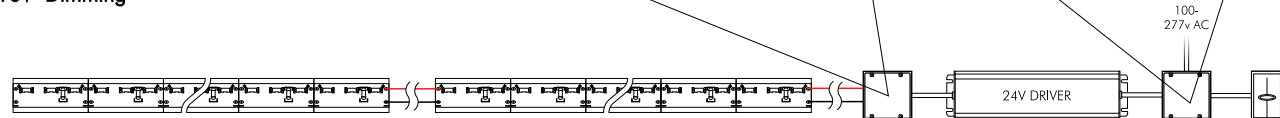
Zone	Lumens	% Lamp	% Fixt
0-10	3.42	N.A.	1.09%
10-20	10.06	N.A.	3.21%
20-30	16.73	N.A.	5.34%
30-40	23.81	N.A.	7.60%
40-50	31.71	N.A.	10.12%
50-60	40.35	N.A.	12.88%
60-70	41.50	N.A.	13.24%
70-80	34.21	N.A.	10.92%
80-90	33.71	N.A.	10.76%
90-100	36.60	N.A.	11.68%

WIRING

UL / cUL Non-dimming



UL / cUL 0-10V 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 RUN

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

ACCESSORIES



MRTA68 MOUNTING CLIPS

Screws into surface to hold AQUA-EDGE

L: 1 1/5" (30mm)
W: 1/5" (5mm)
H: 1/5" (5mm)



MRTA63 END CAP

Terminates AQUA-EDGE to protect FPCB from dust or water

L: 3/5" (15mm)
W: 1/5" (5mm)
H: 1/5" (5mm)



MRTA62 3oz SEALANT

Applied between AQUA-EDGE connectors or End Caps to seal from exposure to moisture



MRTA62-XL XL SEALANT

Applied between AQUA-EDGE connectors or End Caps to seal from exposure to moisture

24v 0-10V Dimming Drivers



MP06 347V AC

60W - IP66

L: 9 2/5" (240mm)
W: 1 7/10" (43mm)
H: 1 3/10" (32mm)



MP19N 100 - 277V AC

60W - IP66

L: 9 2/5" (240mm)
W: 1 7/10" (43mm)
H: 1 3/10" (32mm)



MP87 100 - 277V AC

100W - IP66

L: 9 1/2" (241mm)
W: 2 3/10" (58mm)
H: 1 1/2" (37mm)



MP89 100 - 277V

150W - IP66

L: 9 1/2" (241mm)
W: 2 3/5" (67mm)
H: 1 3/5" (40.5mm)

24V Non Dimming Drivers



MP17 100 - 277V AC

150W - IP67

L: 8 7/10" (222mm)
W: 2 7/10" (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	Wet Location - IP67
Warranty	5 Year Limited Warranty

ORDERING

AQE-EXT-S-S4-W-27K