

Project Name: _____ SKU: _____

MODA Contact: _____ E-Mail: _____

Type: _____ PO #: _____ Quantity: _____

Notes: _____

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.

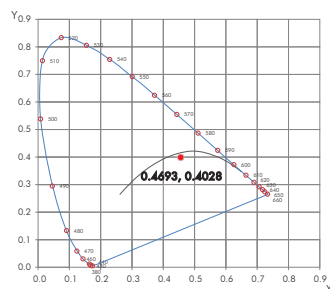
OUTPUT

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

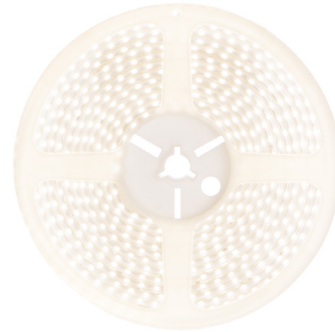
Input Voltage	24V DC
Power Consumption	4.4W per ft (0.03A)
Power Factor	≤ 1
Control	100-277V 0-10V

CIE 1931 CHROMATICITY DIAGRAM

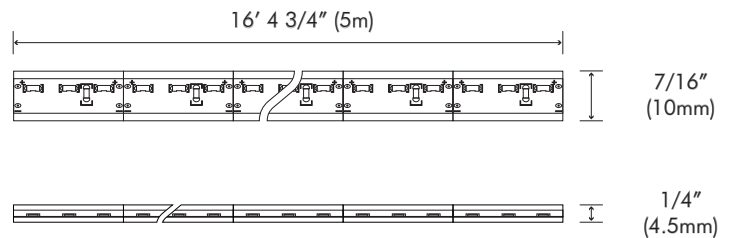


LUMINANCE DATA (cd/sq.m)

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



DIMENSIONS



PHYSICAL

Applications	Wet Locations, Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 16' 4 3/4" (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

MODA TECHNOLOGY

moda**PHOSPHOR**™

STANDARDS & CERTIFICATIONS



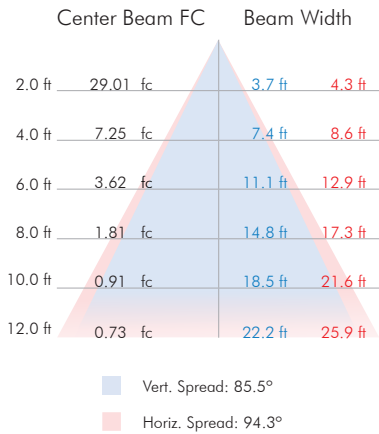
RoHS ✓

LM
79

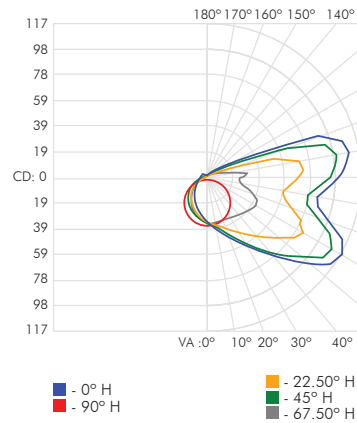
LM
80

5
YEAR
WARRANTY

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

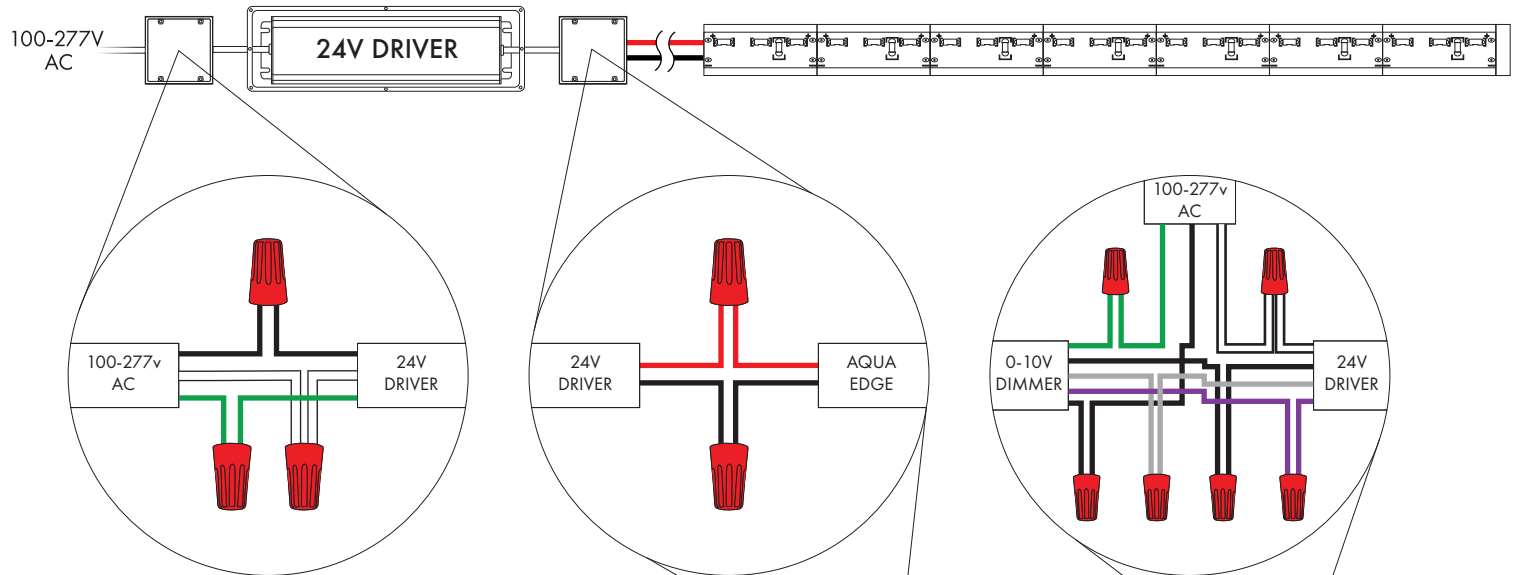
Zone	Lumens	% Lamp	% Fixt
0-30	30.10	N.A.	9.60%
0-40	53.90	N.A.	17.20%
0-60	126.28	N.A.	40.30%
60-90	75.83	N.A.	24.20%
0-90	235.63	N.A.	75.20%
90-180	77.71	N.A.	24.80%
0-180	313.34	N.A.	100.00%

LUMENS PER ZONE

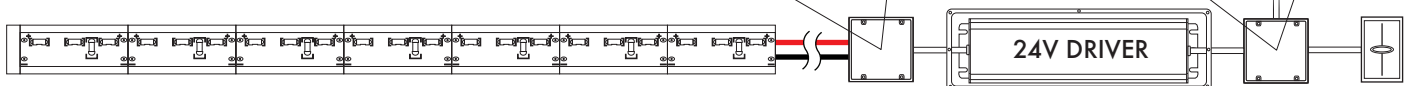
Zone	Lumens	% Lamp	% Fixt
0-10	3.42	N.A.	1.09%
10-20	10.06	N.A.	3.21%
20-30	16.73	N.A.	5.34%
30-40	23.81	N.A.	7.60%
40-50	31.71	N.A.	10.12%
50-60	40.35	N.A.	12.88%
60-70	41.50	N.A.	13.24%
70-80	34.21	N.A.	10.92%
80-90	33.71	N.A.	10.76%
90-100	36.60	N.A.	11.68%

WIRING

UL / cUL Non-dimming



UL / cUL 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
		— 0-10V Data Positive
		— 0-10V Data Negative

MAX RUN

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

FIXTURE

SKU

Aqua Edge - IP67 Wet Location EZ Connect Self Adhesive Linear Flex 24V DC 16ft Reel 2700K HCRI AQE-EXT-S-S4-W-27K

POWER



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)



MP17 *
100 - 277V AC
150W - IP67
L: 8 7/10" (222mm)
W: 2 7/10" (68mm)
H: 1 1/2" (39mm)

** 24V 0-10V Dimming Driver * 24V Non-Dimming Driver

ACCESSORIES



MRTA61
MOUNTING CLIPS
Screws into surface to hold
AQUA-EDGE
L: 1 1/5" (30mm)
W: 1/5" (5mm)
H: 1/5" (5mm)



MRTA68
FLAT-SIDE
MOUNTING CLIPS
Screws into surface to hold
AQUA-EDGE
L: 1 3/16" (20mm)
W: 1/5" (5mm)
H: 9/16" (14mm)



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