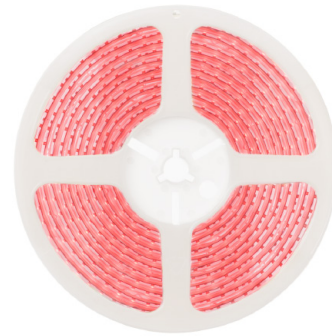


RGB Wet Location LED Linear Flex System:

RGB AQUAFLEX is a premium version of the AQUAFLEX family. This model provides the same stable consistent energy efficient qualities that characterise the AQUAFLEX family only now it uses a 3 in 1 RGB LED. Compatible with DMX 512 and capable of producing 16.7 million color variations. RGB AQUAFLEX is housed in a special grade silicone sleeve, field cuttable every 4" and has available mounting clips and end caps for simple installation. See MODA Metal[®] for extrusion options.



OUTPUT

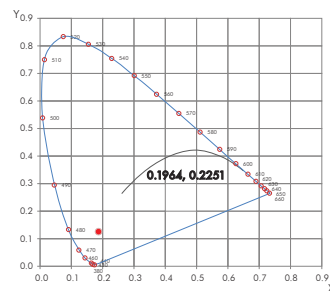
Delivered Lumens	185 lm / ft
CCT & SDMC	3000K - Full RGB
Chromaticity Coordinates	x: 0.1964 y: 0.2251 u: 0.1480 v: 0.3816
Color Bin Tolerance	N/A
Efficacy (lm/w)	54.41
CRI	N/A
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

ELECTRICAL

Input Voltage	24V DC
Power Consumption	3.40W per ft (0.02A)*
Power Factor	≤ 1
Dimming	DMX 512: 1990
Emergency	N/A

*Varies based on run and driver

CIE 1931 CHROMATICITY DIAGRAM



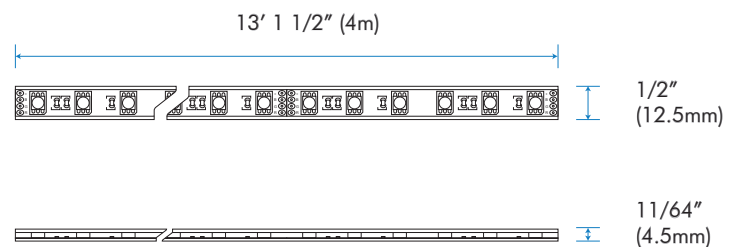
LUMINANCE DATA (cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9493	6655	5939
55	9206	5749	4930
65	8152	4276	3630
75	5432	2311	1921
85	3337	917	734

PHYSICAL

Applications	Wet Locations, Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 13' 1 1/2" (4m) Width 1/2" (12.5mm) Height 11/64" (4.5mm)
LED Spacing	9/16" (14mm)
Beam Distribution	110°
Cutting Distance	4" (101mm)
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

modaBIN[™]

STANDARDS & CERTIFICATIONS



LM 79

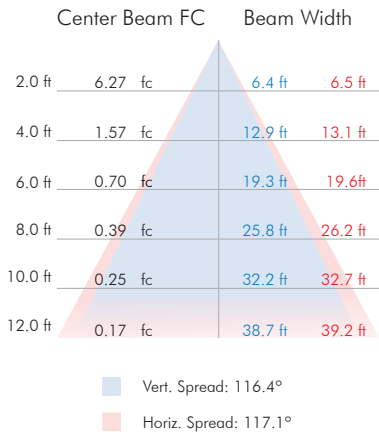
LM 80

5 YEAR WARRANTY

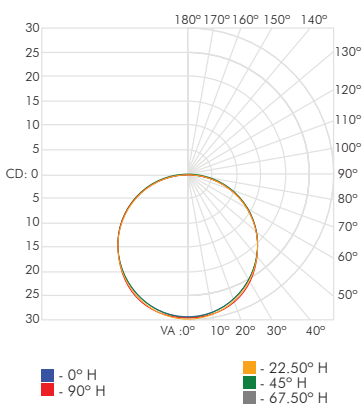
Project Name:

Notes:

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



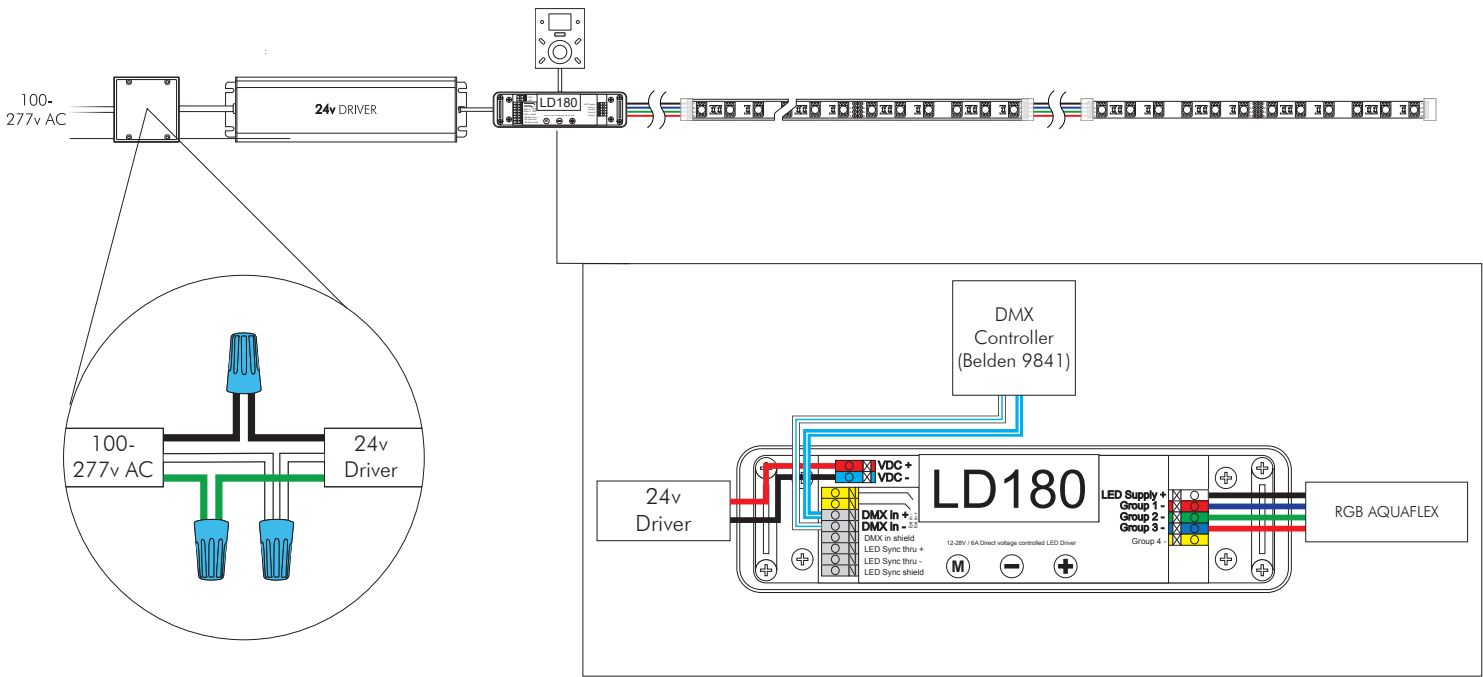
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	19.86	N.A.	25.50%
0-40	32.92	N.A.	42.30%
0-60	59.64	N.A.	76.60%
60-90	14.15	N.A.	18.20%
0-90	75.33	N.A.	96.70%
90-180	2.55	N.A.	3.30%
0-180	77.88	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	2.38	N.A.	3.06%
10-20	6.88	N.A.	8.83%
20-30	10.59	N.A.	13.60%
30-40	13.07	N.A.	16.78%
40-50	13.92	N.A.	17.87%
50-60	12.80	N.A.	16.44%
60-70	9.45	N.A.	12.13%
70-80	4.70	N.A.	6.03%
80-90	1.54	N.A.	1.98%
90-100	0.86	N.A.	1.10%

WIRING



WIRING LEGEND

Power (100-277V AC)	24V Driver	DMX CONTROLLER	Leader Cable
Power Positive	Power Positive	Positive	24V Positive
Power Negative	Power Negative	Negative	Red
Ground			Green
			Blue

MAX RUN

150W Driver 13' 1 1/2" (4mm)

ACCESSORIES



MRTA63
End Cap

Terminates RGB AQUAFLEX
to protect PCB from dust or water

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



MRTA61
Mounting Clip

Screws into surface to
hold RGB AQUAFLEX

L: 1 1/5" (30mm)
W: 1/5" (6mm)
H: 1/5" (5mm)



MRTA62
3oz Silicone Sealant

Applied between RGB AQUAFLEX, connectors
or end caps to seal from exposure to moisture



MRTA62-XL
1/10 Gal Silicone Sealant

Applied between RGB AQUAFLEX, connectors
or end caps to seal from exposure to moisture



MP17
100 - 277v AC

150w - IP67

L: 8 7/10" (222mm)
W: 2 7/10" (68mm)
H: 1 1/2" (39mm)



**Kandi-Touch-Black /
Kandi-Touch-White**

DMX 512 Controller

L: 4 1/5" (106mm)
W: 5 7/10" (146mm)
H: 2/5" (11mm)



LD180
DMX Interface

Constant Voltage LED Driver

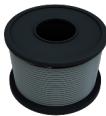
L: 6" (152mm)
W: 2" (50mm)
H: 9/10" (23mm)



BDL-9841-500FT

RS-458 Cable for DMX
24 AWG stranded TC conductors
polyethylene insulation

L: 500' (152.4m)



BDL-9841-1000FT

RS-458 Cable for DMX
24 AWG stranded TC conductors
polyethylene insulation

L: 1000' (304.8m)

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

RGB-AQF