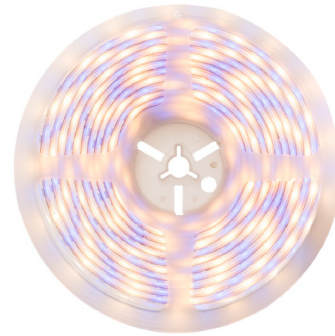


RGBW Wet Location LED Flexible Linear System:

RGBW AQUAFLEX is a premium member of the AQUAFLEX family. This model comes equipped with a warm white LED and a 3 in 1 RGB LED. Compatible with DMX 512 and capable of producing 16.7 million color variations and instantly transitioning to white light. RGBW AQUAFLEX is housed in a special grade silicone sleeve, field cuttable every 6 1/2" and has available mounting clips and end caps for simple installation. See MODA Metal[®] for extrusion options.



OUTPUT

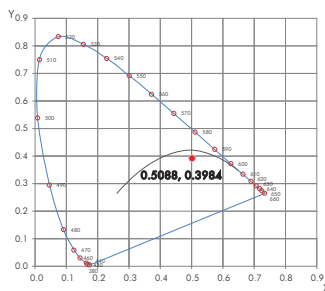
Delivered Lumens	206.68 lm / ft
CCT & SDMC	4942K - Full RGBW
Chromaticity Coordinates	x: 0.5088 y: 0.3984 u: 0.3009 v: 0.3535
Color Bin Tolerance	N/A
Efficacy (lm/w)	54.10
CRI	N/A
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

ELECTRICAL

Input Voltage	24v DC
Power Consumption	3.82w per ft (0.32A)*
Power Factor	≤ 1
Dimming	DMX 512: 1990
Emergency	N/A

*Varies based on run and driver

CIE 1931 CHROMATICITY DIAGRAM



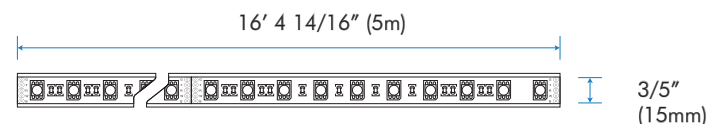
LUMINANCE DATA (cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4579	4708	4692
55	4587	4767	4767
65	4575	4656	4656
75	4155	4288	4243
85	3544	3675	3544

PHYSICAL

Applications	Wet Locations, Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 16' 4 14/16" (5m) Width 3/5" (15mm) Height 11/64" (4.5mm)
LED Spacing	7/16" (11mm)
Beam Distribution	110°
Cutting Distance	6 1/2" (166mm)
Weight	11.2 lbs (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

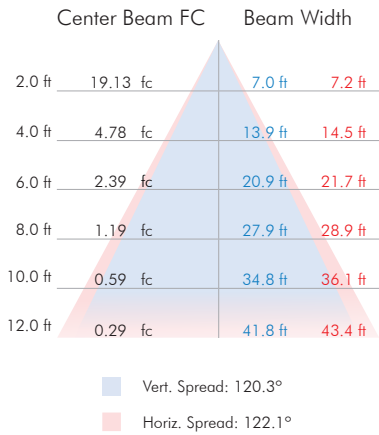
LM 80

5 YEAR WARRANTY

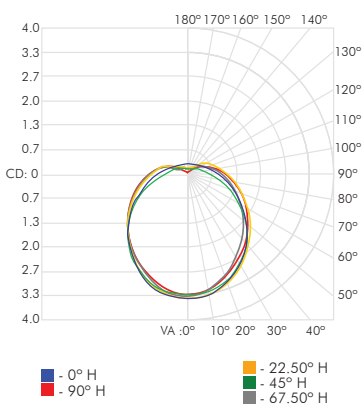
Project Name:

Notes:

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



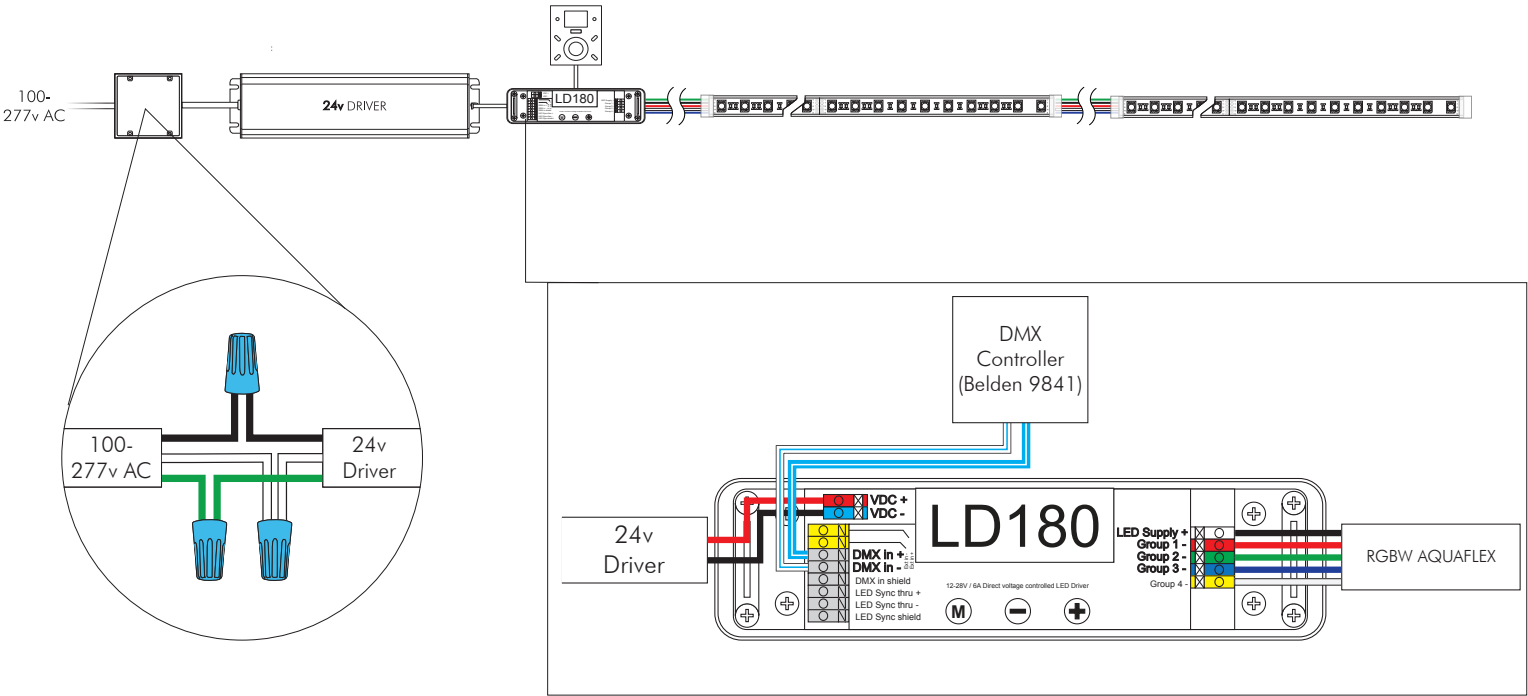
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	51.67	N.A.	25.00%
0-40	85.57	N.A.	41.40%
0-60	157.08	N.A.	76.00%
60-90	44.64	N.A.	21.60%
0-90	206.68	N.A.	100.00%
90-180	0.00	N.A.	0.00%
0-180	206.68	N.A.	100.00%

LUMENS PER ZONE

Zone	Lumens	% Lamp	% Fixt
0-10	6.24	N.A.	3.02%
10-20	17.92	N.A.	8.67%
20-30	27.47	N.A.	13.29%
30-40	34.04	N.A.	16.47%
40-50	36.66	N.A.	17.74%
50-60	34.87	N.A.	16.87%
60-70	27.94	N.A.	13.52%
70-80	16.62	N.A.	8.04%
80-90	51.05	N.A.	2.47%
90-100	0.00	N.A.	0.00%

WIRING



WIRING LEGEND

Power (100-277v AC)	24v Driver	DMX CONTROLLER	Leader Cable	MAX RUN
Power Positive	Power Positive	Positive	24v Positive	150w Driver
Power Negative	Power Negative	Negative	Red	16' 4 14/16" (5m)
Ground			Green	
			White	
			Blue	

ACCESSORIES



MRTA67
End Cap

Terminates RGBW AQUAFLEX
to protect FPCB from dust or water

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



MRTA66
Mounting Clip

Screws into surface to
hold RGBW AQUAFLEX

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



MRTA62
3oz Silicone Sealant

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



MRTA62-XL
1/10 Gal Silicone Sealant

Applied between RGBW 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

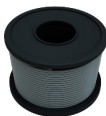
L: 6" (152mm)
W: 2" (50mm)
H: 9/10" (23mm)



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

RGBWW-AQF