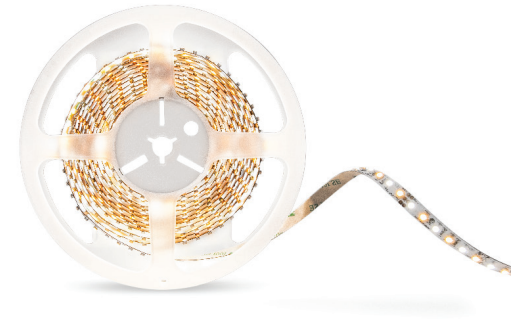


Dynamic White Flexible Linear Product:
AQUAFLEX DYNAMIC WHITE offers two circuit mixing ability with the choice of a warm white light and cool white light. Allowing for easy tuning of white light temperatures. This flexible linear solution is ideal for lighting applications that need to have complete control over their light output. AQUAFLEX DYNAMIC WHITE is housed in a high quality silicon sleeve and has available mounting clips and end caps for simple installation. See MODA Metal[®] for extrusion options.



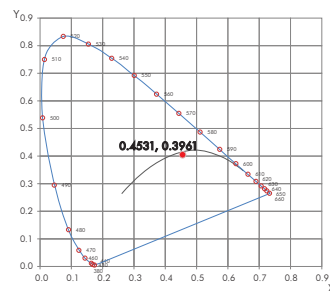
OUTPUT

| | |
|--------------------------|--|
| Delivered Lumens | 241.54 lm / ft |
| CCT & SDMC | 2300k - 4500k |
| Chromaticity Coordinates | x: 0.4531 y: 0.03961 u: 0.2547 v: 0.3471 |
| Color Bin Tolerance | N/A |
| Efficacy (lm/w) | 94.35 |
| 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 | 12v DC |
| Power Consumption | 2.56w / ft (0.14A) |
| Power Factor | ≤ 1 |
| Dimming | DMX 512: 1990 |
| Emergency | N/A |

CIE 1931 CHROMATICITY DIAGRAM



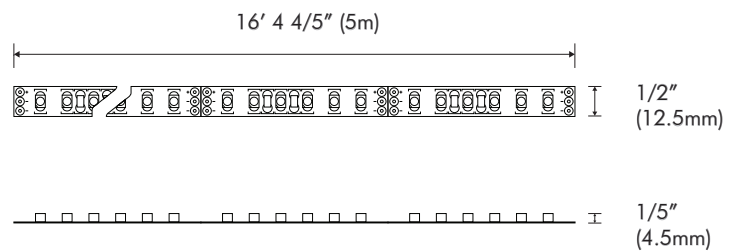
LUMINANCE DATA (cd/sq.m)

| 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 | Cabinet, Cove, Display, Niches, Perimeter Lighting |
| Dimensions | Length 16' 4 4/5" (5m) Width 1/2" (12.5mm) Height 1/5" (4.5mm) |
| LED Spacing | 1/5" (6mm) |
| Beam Distribution | 110° |
| Cutting Distance | 2" (50mm) |
| Weight | 16oz (454g) 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

moda**HIGH CRI**

moda**PHOSPHOR**[™]

STANDARDS & CERTIFICATIONS



LM
79

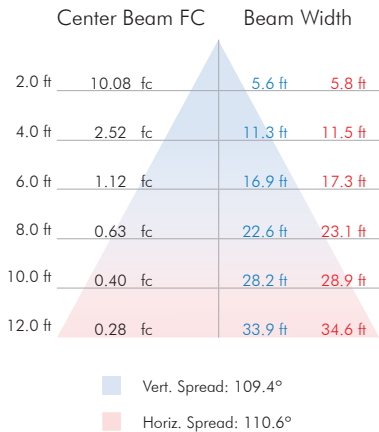
LM
80

5
YEAR
WARRANTY

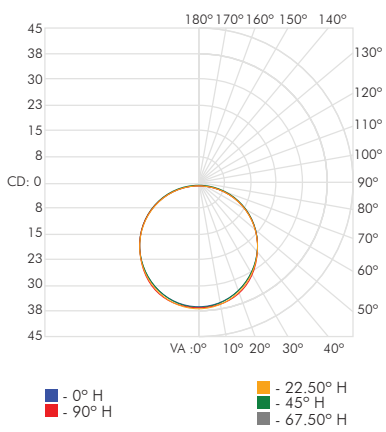
Project Name:

Notes:

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

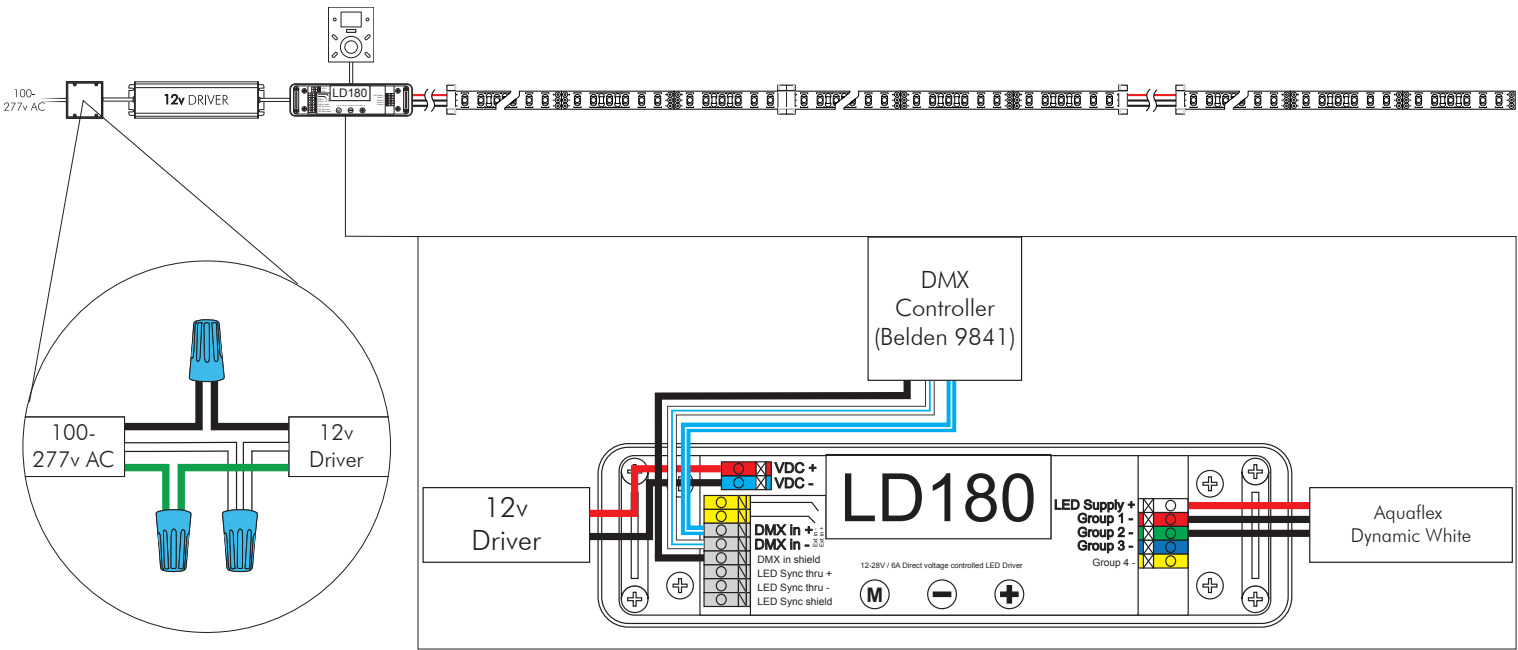
| Zone | Lumens | % Lamp | % Fixt |
|--------|--------|--------|--------|
| 0-30 | 61.60 | N.A. | 25.50% |
| 0-40 | 102.17 | N.A. | 42.30% |
| 0-60 | 185.02 | N.A. | 76.60% |
| 60-90 | 44.00 | N.A. | 18.20% |
| 0-90 | 233.57 | N.A. | 96.70% |
| 90-180 | 8.00 | N.A. | 3.30% |
| 0-180 | 241.54 | N.A. | 100% |

LUMENS PER ZONE

| Zone | Lumens | % Lamp | % Fixt |
|--------|--------|--------|--------|
| 0-10 | 7.40 | N.A. | 3.06% |
| 10-20 | 21.33 | N.A. | 8.83% |
| 20-30 | 32.85 | N.A. | 13.60% |
| 30-40 | 40.53 | N.A. | 16.78% |
| 40-50 | 43.16 | N.A. | 17.87% |
| 50-60 | 39.71 | N.A. | 16.44% |
| 60-70 | 29.30 | N.A. | 12.13% |
| 70-80 | 14.56 | N.A. | 6.03% |
| 80-90 | 4.78 | N.A. | 1.98% |
| 90-100 | 2.66 | N.A. | 1.10% |

WIRING

Single Run DMX Wiring



WIRING LEGEND

| Power (100-277v AC) |
|---------------------|
| Power Positive |
| Power Negative |
| Ground |

| 12v Driver |
|----------------|
| Power Positive |
| Power Negative |

| DMX CONTROLLER |
|----------------|
| Positive |
| Negative |

| Leader Cable |
|--------------|
| 12v Positive |
| Negative |
| Negative |

MAX RUN

| | |
|-------------|-------|
| 132w Driver | 46 ft |
|-------------|-------|

ACCESSORIES



MRTA63
End Cap

Terminates AQUAFLEX DYNAMIC WHITE
To Protect PCB From Dust or Water

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



MRTA61
Mounting Clips

Screws into Surface To Hold AQUAFLEX DYNAMIC
WHITE

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



MRTA62
3oz Silicone Sealant

Applied Between AQUAFLEX DYNAMIC WHITE
Connectors or End Caps to Seal From Exposure to
Moisture



MRTA62-XL
1/10 gal Silicone Sealant

Applied Between AQUAFLEX DYNAMIC WHITE
Connectors or End Caps to Seal From Exposure to
Moisture



MP16
100 - 277v AC

132w - 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

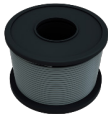
L: 6" (152mm)
W: 2" (50mm)
H: 9/10" (23mm)



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

AQF-DW-12V