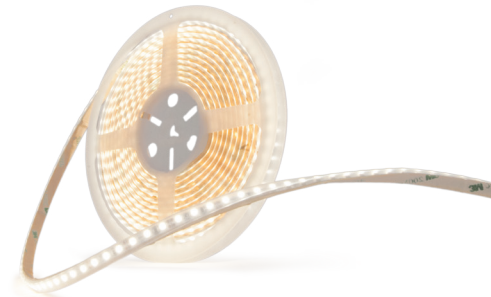


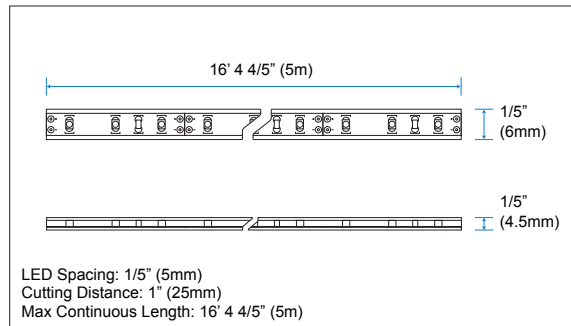
## SPECIFICATION

### Dimmable Wet Location LED Linear Flex System:

MINI AQUAFLEX provides stable, consistent, energy efficient, ultra flexible solid state lighting. With a super low-profile it is able to meet any custom length at the designated cutting points. MINI AQUAFLEX is housed in a high quality silicone sleeve and has available mounting clips and end caps for simple installation. See MODA Metal® for extrusion options.



### Dimensions:

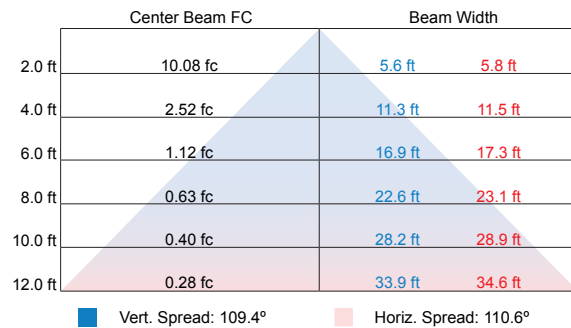


### Output:

Delivered Lumens	189.59 lm / ft
CCT	4000k
Chromaticity Ordinates	x: 0.3866 y: 0.3882 u: 0.2246 v: 0.3383
Color Bin Tolerance	+ 3% / - 3%
Efficacy (lm/w)	91.59
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

### Illuminance at a Distance: Data Shown for 120°

(For lux multiply fc by 10.7)

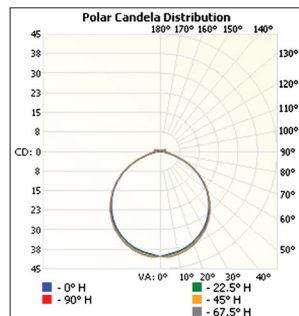


### Electrical:

Input Voltage	12v DC
Power Consumption	2.07w / ft (0.17A) - Varies based on length of run & driver
Power Factor	≤ 1
Dimming	100-277v 0-10v & Magnetic Low Voltage
Emergency	N/A

### Polar Candela Distribution:

Data Shown for 120°



### Lumens per Zone:

Zone	Lumens	% Total
0-10	6.24	3.29%
10-20	17.93	9.44%
20-30	27.23	14.34%
30-40	32.91	17.33%
40-50	34.22	18.02%
50-60	30.93	16.29%
60-70	23.34	12.29%
70-80	12.91	6.80%
80-90	4.14	2.18%
90-100	0.00	0.00%

### Physical:

Applications	Wet Locations, Cabinet, Cove, Display, Niches, Perimeter Lighting
Dimensions	Length 16' 4 4/5" (5m) Width 1/5" (6mm) Height 1/5" (4.5mm)
Weight	14.4 oz (408.2g) 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

Project Name:			
Notes:			

# SPECIFICATION

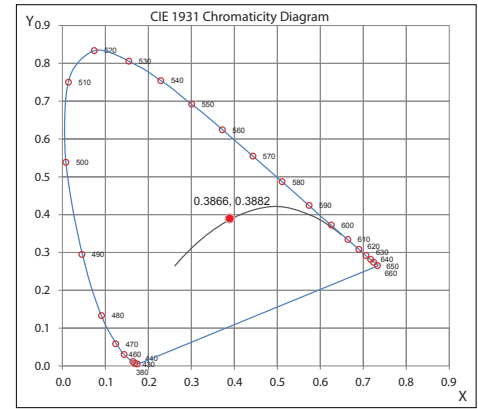
## Zonal Lumen Summary:

Zone	Lumens	% Lamp	% Fixt
0-30	51.46	N.A.	27.10%
0-40	84.31	N.A.	44.40%
0-60	149.44	N.A.	78.70%
60-90	36.27	N.A.	19.10%
0-90	189.59	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	189.59	N.A.	100%

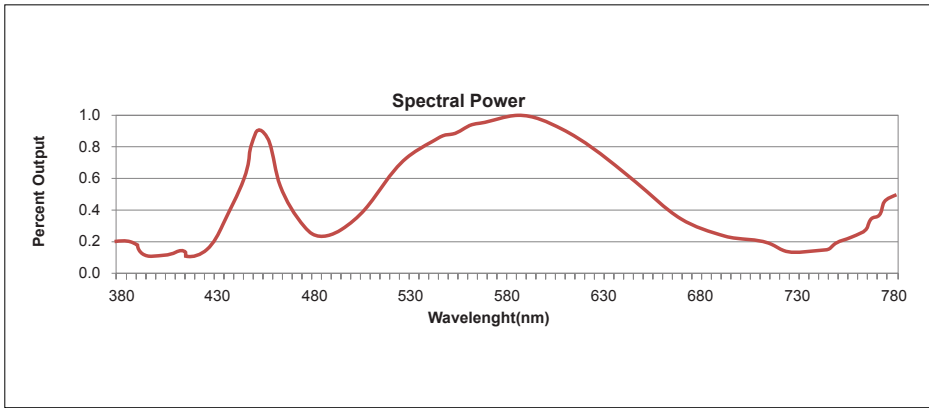
## Luminance Data (cd/sq.m):

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	34785	35626	35804
55	33508	34187	34486
65	31103	31915	32051
75	25195	26256	26477
85	24677	25202	25334

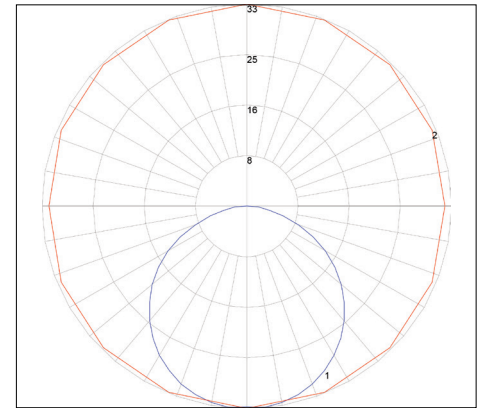
## CIE 1931 Chromaticity Diagram:







## Spectral Power:



## Polar Graph: Data Shown for 120°



## Accessories:

			
<b>MRTA64</b> Mounting Clips	<b>MRTA65</b> End Cap	<b>MRTA62</b> 3oz 3M Marine Grade Super Silicone Sealant	<b>MRTA62-XL</b> 1/10 gal 3M Marine Grade Super Silicone Sealant
Screws Into Surface To Hold MINI-AQUAFLEX	Terminates MINI-AQUAFLEX To Protect FPCB From Dust or Water	Applied Between MINI-AQUAFLEX, Connectors or End Caps to Seal From Exposure to Moisture	Applied Between MINI-AQUAFLEX, Connectors or End Caps to Seal From Exposure to Moisture
L: 1" (25mm) W: 1/5" (5mm) H: 1/5" (5mm) 2 Screws 1/2" (13mm)	L: 2/5" (10mm) W: 2/5" (10mm) H: 1/5" (5mm)		


## Standards and 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	Class 3
Environment	Wet Location - IP67
Warranty	5 Year Limited Warranty

## Ordering:

SKU:	MINI-AQUAFLEX-4000K
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### SPECIFICATION

Non Dimming		Voltage Range	Wattage	IP Rating	Dimension
MP16		100-277v AC	132w	IP67	8 7/10" x 2 7/10" x 1 1/2" (222mm x 68mm x 39mm)

0-10v Dimming		Voltage Range	Wattage	IP Rating	Dimension
MP05		347v AC	60w	IP66	9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm)
MP18N		100-277v AC	60w	IP66	9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm)
MP86		100-277v AC	100w	IP66	9 1/2" x 2 3/10" x 1 1/2" (241mm x 58mm x 37mm)
MP88		100-277v AC	150w	IP66	9 1/2" x 2 3/5" x 1 3/5" (241mm x 67mm x 40.5mm)

#### Ordering:

Sample SKU: MP05