

AKWAVFLEX-100

RGB/W SPECIFICATION SHEET

Project Name: _____

Specifier: _____

Location: _____

Product Code: _____



Material:
Silicone



Impact Rating:
IK08



Weatherproof Rating:
IP68
Wet Location



Operating Temp:
-40°F - 131°F



Bending Direction:
Vertical



UL Listed



Beam Angle:
120°



Dimmable:
DMX



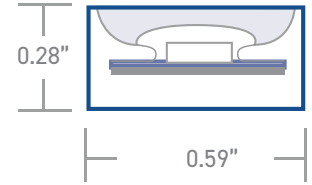
Bend Diameter:
>1.96"



CRI:
>80+



	AKWA Silicone Resin Encapsulation Vertical Bend
Input Voltage	24V
Power Consumption	5.2W/ft
Standard CRI	>80
LEDs per foot/m	18 60
Incremental length in/mm	3.93" 100mm



Color Temperature [K]	Lumen Output [lm/ft]
Red	25lm
Green	88lm
Blue	17lm
RGBW	231lm
3000K	116lm

Luminaire options	Mono & tunable white. Refer to specific datasheets for information
Control	DMX
Optics	clear symmetrical 120° diffuser
Finish	white
Mounting	surface · wall
Accessories	mounting channel / profile

Due to tolerances of the production process and the electrical components, values for light output, color temperature and electrical power can vary up to 10%.

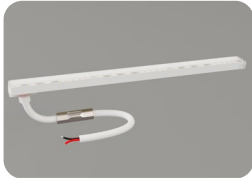
How to specify KLIK USA AKWA Flex 100. [Example of specification: AF100RGB3XX.XBBADMX4](#)

Fixture Type	Color Temp [K]	Nominal Length [feet] with one feed ^{1,2}	Power Entry Location	Nominal Power Entry Termination	Mounting Profiles & Brackets	Accessories	Control
AF100	RGB3 RGBW[3K] RGB4 RGBW[4K]	XX.X Specify run Length [ft]	B Back one end B2 Back each end E End Plate one end E2 End Plate each end	B Bare cable with anti-wick ferrule [Std] M Male IP68 Connector F Female IP68 Connector	A AF100P01S01 B AF100006	- Profile [Std] A AF100ADJ	DMX4 DMX RGBW

- Specify length of run
- Max run length per power entry feed is 16' [4.9m] and 32' [9.8m] for 2 x feeds [one at each end]
- B2 & E2 only required if exceeding the maximum single power entry as indicated above, thus requiring TWO power entries.

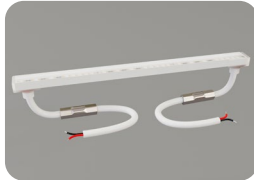
AKWAVFLEX-100

POWER ENTRY LOCATIONS



B

Power entry from the **BACK** of the fixture [one end]



B2

Power entry from the **BACK** of the fixture [both ends] [for fixture length >16']



E

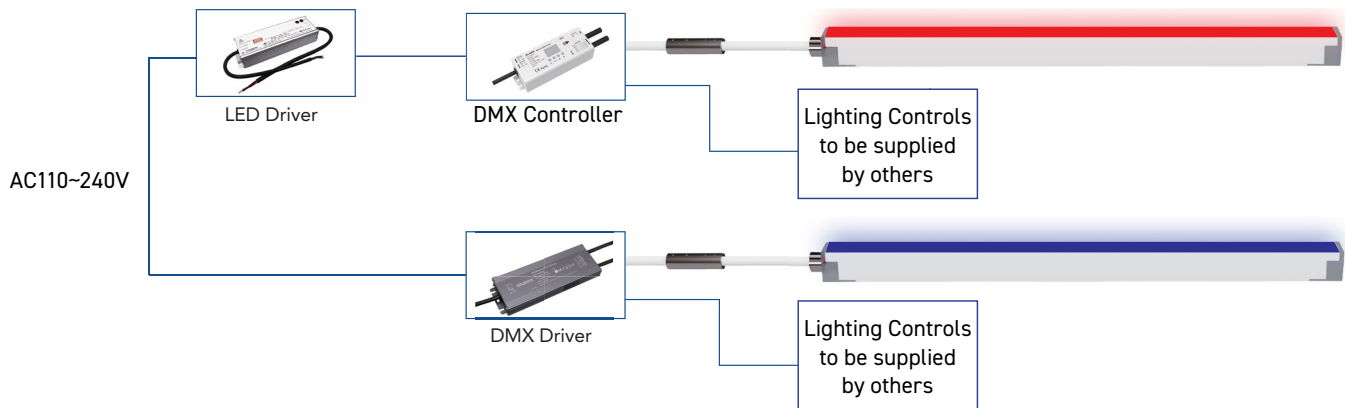
Power entry from the **END** of the fixture [one end]



E2

Power entry from the **END** of the fixture [both ends] [for fixture length >16']

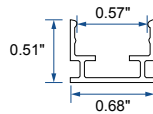
RGBW WIRING DIAGRAM



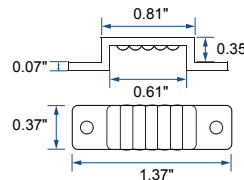
MOUNTING OPTIONS



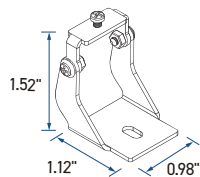
AF100P01S01



AF100006



ACCESSORIES



Adjustable Bracket - A - AF100ADJ