

AKWAVFLEX-80

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

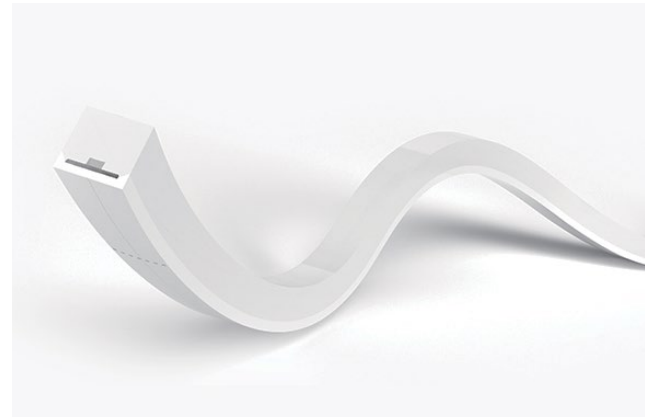
Bending Direction:
 Vertical

UL Listed

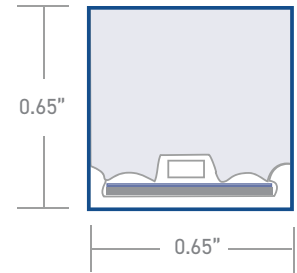
Beam Angle:
 210°

Dimmable:
 DMX

Bend Diameter:
 >4.72"

CRI:
 >80+


	AKWA Silicone Resin Encapsulation Vertical Bend
Input Voltage	24V
Power Consumption	5.2W/ft
Standard CRI	>80
LEDs per foot/m	22 72
Incremental length in/mm	3.28" 83.3mm



Color Temperature [K]	Lumen Output [lm/ft]
Red	20lm
Green	82lm
Blue	16lm
RGBW	101lm
3000K	137lm

Luminaire options	Mono, tunable white & dim to warm. Refer to specific datasheets for information
Control	DMX
Optics	opal symmetrical 210° [Emits from 3 sides]
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 80. Example of specification: AF80RGB3XX.XBBADMX4

Fixture Type	Color Temp [K]	Nominal Length [feet] with one feed ^{1,2}	Power Entry Location ³	Nominal Power Entry Termination	Mounting Profiles & Brackets	Accessories	Control
AF80	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 SL Side - Left SR Side- Right SLR Side - Left+Right	B Bare cable with anti-wick ferrule [Std] M Male IP68 Connector F Female IP68 Connector	A AFPC80S02-T B AF80008	- Profile [Std] A AF80ADJ	DMX4 DMX RGBW

1. Specify length of run

2. Max run length per power entry feed is 16' [4.9m] and 32' [9.8m] for two x feeds [one at each end].

3. B, B2, E2 & SLR only required if exceeding the maximum single power entry as indicated above, thus requiring TWO power entries.

AKWAVFLEX-80

POWER ENTRY LOCATIONS



B

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



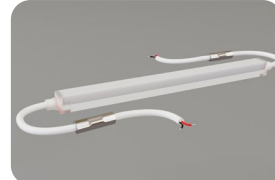
B2

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']



SL

Power entry from the **SIDE** of the fixture [LHS]



SR

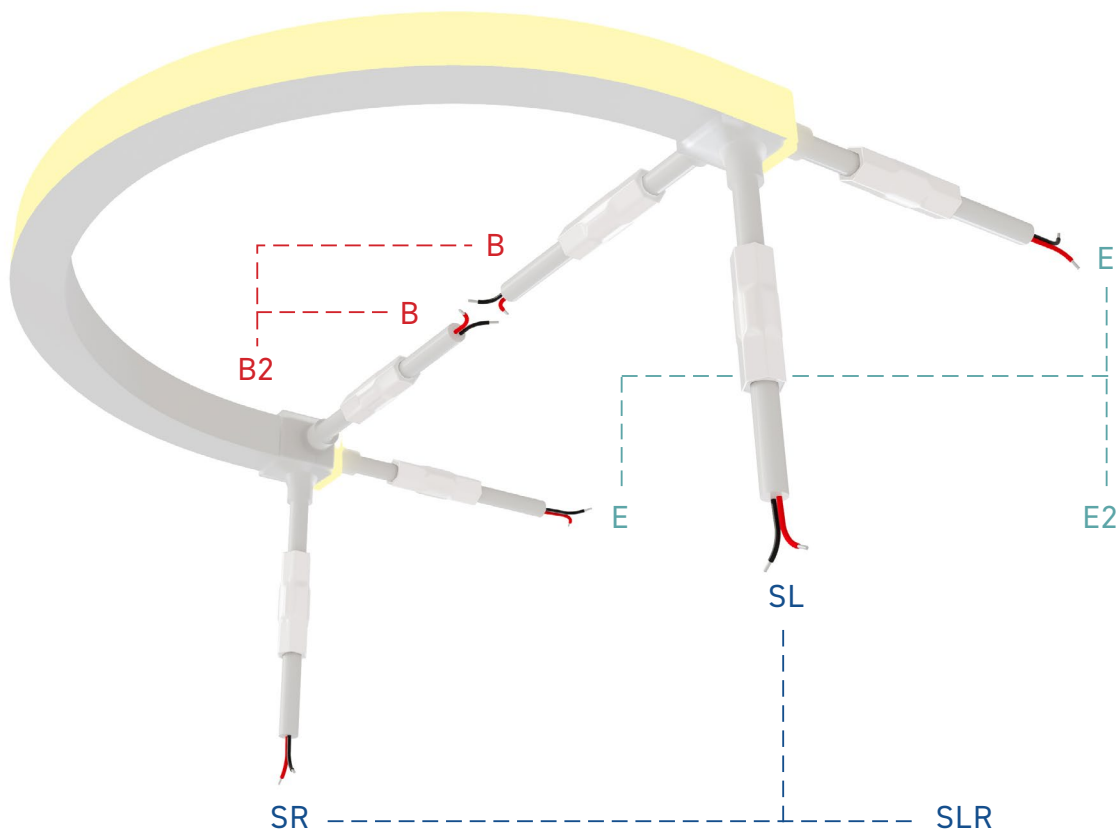
Power entry from the **SIDE** of the fixture [RHS]



SLR

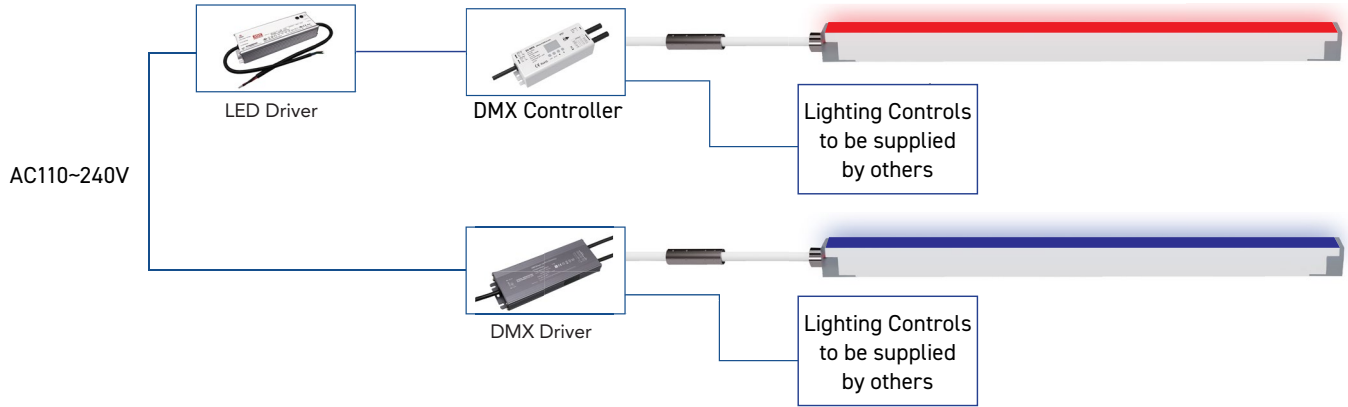
Power entry from the **SIDE** of the fixture [both L&R] [for fixture length >16']

POWER ENTRY ORIENTATION



AKWAVFLEX-80 WIRING DIAGRAMS

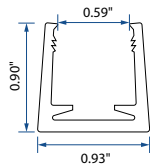
RGBW



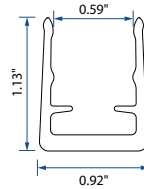
MOUNTING OPTIONS



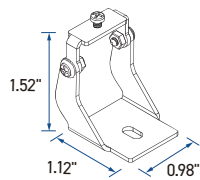
A - AFPC80S02-T



B - AF80008



ACCESSORIES



Adjustable Bracket - A - AF80ADJ