

AKWAVFLEX-80

MONO COLOR 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°



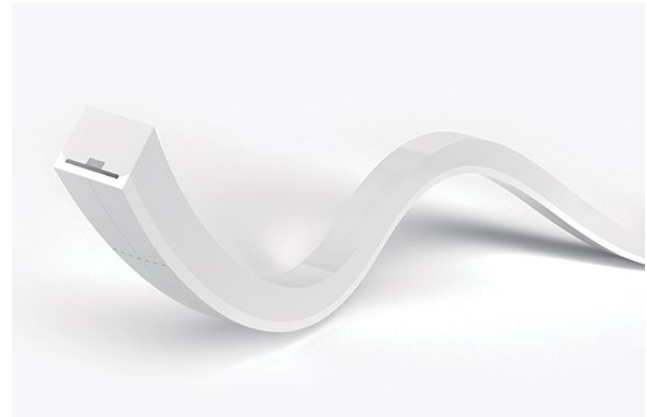
Dimmable:
0-10V, DMX



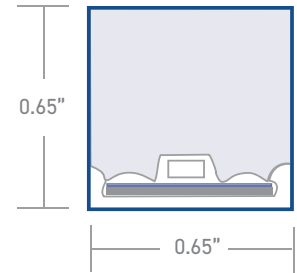
Bend Diameter:
>4.72"



CRI:
>80+, >90+



AKWA Silicone Resin Encapsulation Vertical Bend	
Input Voltage	24V
Power Consumption	4.0W/ft
Standard CRI	>80
LEDs per foot/m	22 72
Incremental length in/mm	1.09" 27.7mm



Color Temperature [K]	Lumen Output [lm/ft]
2700K	210lm
3000K	213lm
3500K	216lm
4000K	222lm

Luminaire options	RGB/W, tunable white, Refer to specific datasheets for information
Control	0-10V · 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:** AF8030K80XX.XBBADIM

Fixture Type	Color Temp [K]	CRI	Nominal Length [feet] with one feed ^{1,2}	Power Entry Location ³	Nominal Power Entry Termination	Mounting Profiles & Brackets	Accessories	Control
AF80	27K 2700K 30K 3000K 35K 3500K 40K 4000K A Amber [590nm] R Red G Green B Blue	80 CRI >80+ 90 CRI >90+	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	DIM 0-10V Dim [Std] DMX1 DMX 1 Ch

1. Specify length of run

2. Max run length per power entry feed is 21' [6.4m], 42' [12.8m] 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.

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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 >21']



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 >21']



SL

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



SR

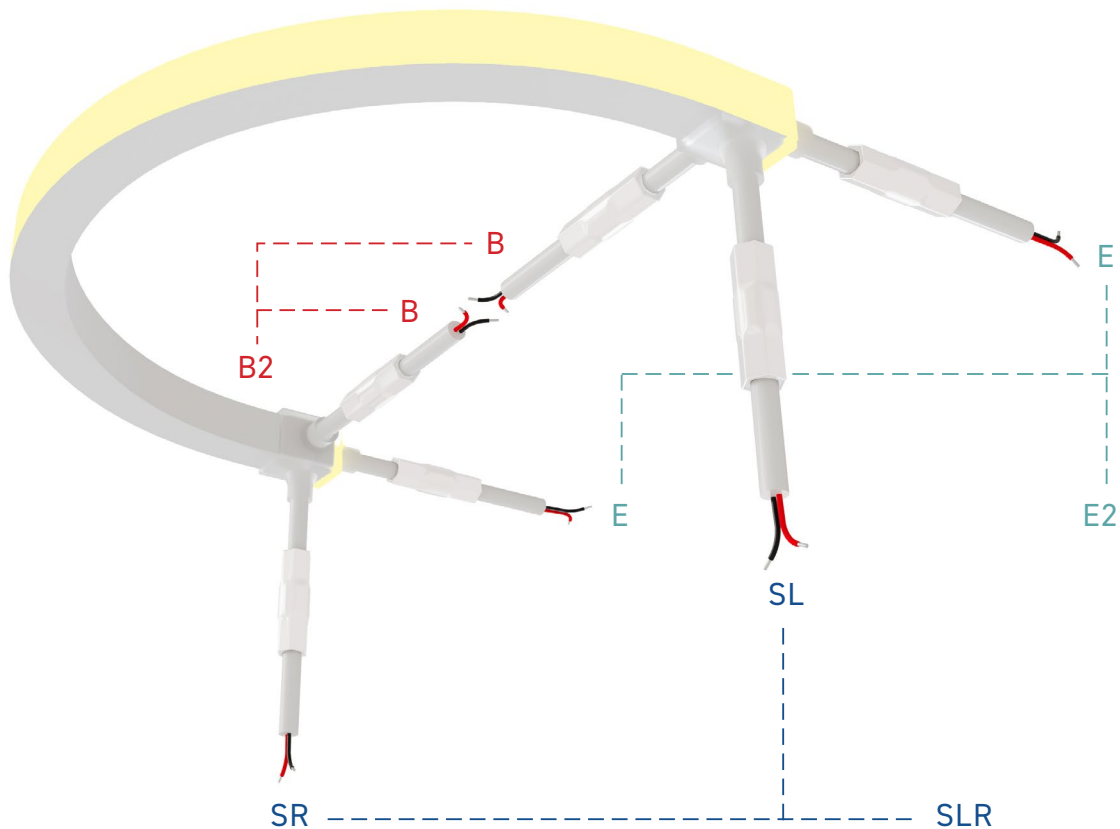
Power entry from the **SIDE** of the fixture [RHS]



SLR

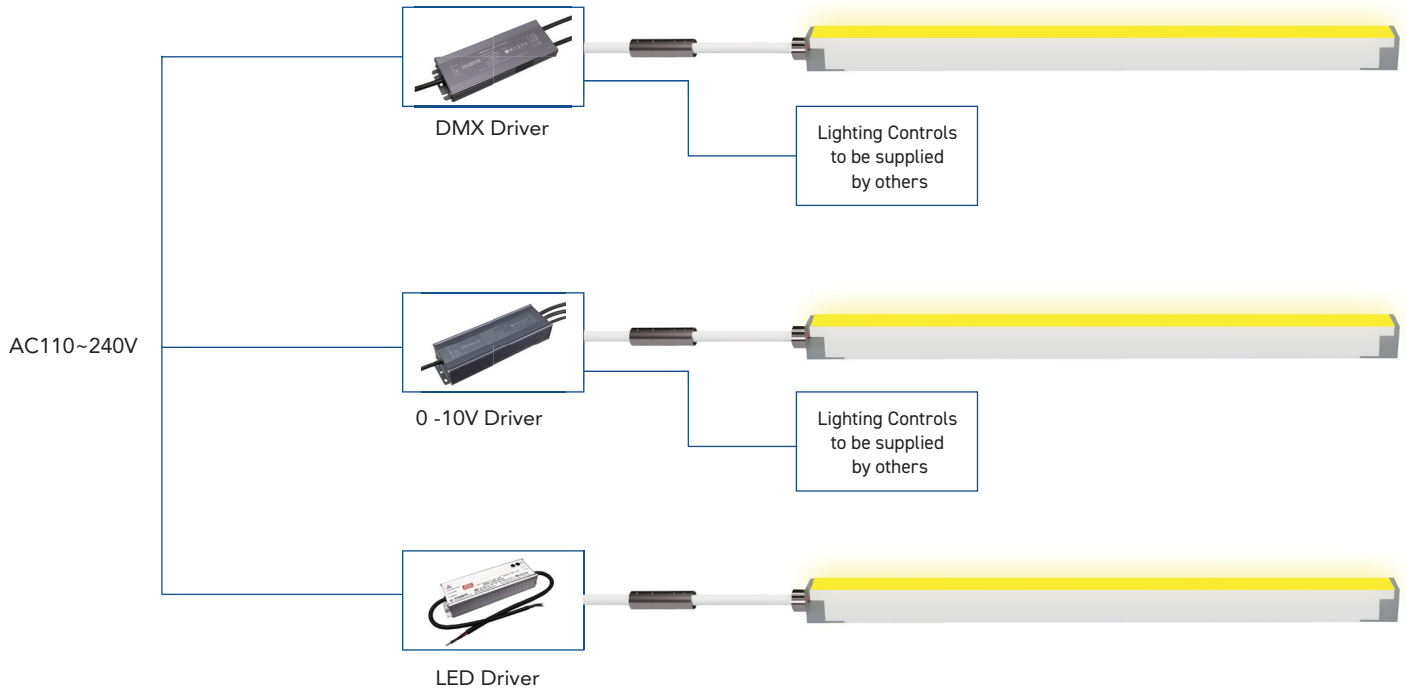
Power entry from the **SIDE** of the fixture [both L&R] [for fixture length >21']

POWER ENTRY ORIENTATION



AKWAVFLEX-80 WIRING DIAGRAM

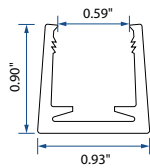
MONO COLOR



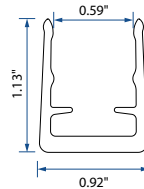
MOUNTING OPTIONS



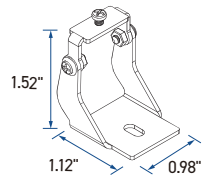
A - AFPC80S02-T



B - AF80008



ACCESSORIES



Adjustable Bracket - A - AF80ADJ