

AKWA+FLEX-90











MONO COLOR SPECIFICATION SHEET

Project Name:

Specifier:

Location:

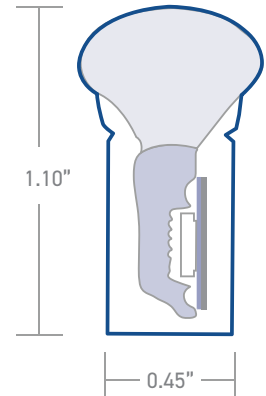
Product Code:

- | | |
|---|---|
|  Material:
Silicone |  Impact Rating:
IK08 |
|  Weatherproof Rating:
IP68
Wet Location |  Operating Temp:
-40°F - 131°F |
|  Bending Direction:
Horizontal |  UL Listed |
|  Beam Angle:
270° |  Dimmable:
0-10V, DMX |
|  Bend Diameter:
>3.15" |  CRI:
>80+, >90+ |



	AKWA Silicone Resin Encapsulation Horizontal Bend
Input Voltage	24V
Power Consumption	4.6W/ft
Standard CRI	>80
LEDs per foot/m	26 84
Incremental length in/mm	3.28" 83.3mm

Color Temperature [K]	Lumen Output [lm/ft]
2700K	95lm
3000K	95lm
3500K	100lm
4000K	100lm



Luminaire Options	RGB/W, tunable white & dim to warm available - refer to specific datasheets
Control	0-10V · DMX
Optics	opal symmetrical 270° 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 90. Example of specification: AF9030K80XX.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
AF90	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 AF90S01 B AF90S04 C AF90H05 D AF90V01 E AFPC90S01-T F AFSSC90FLX G AFSSC90S01-05 H AFSSC90S02-100 I AF90S01FLX J AF90S04FLX	- Profile [Std] A AF90ADJ	DIM 0-10V Dim [Std] DMX1 DMX 1 Ch

1. Specify length of run

2. Max run length per power entry feed is 18' [5.4m] and 36' [10.8m] for 2 x feeds [one at each end]

3. 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]



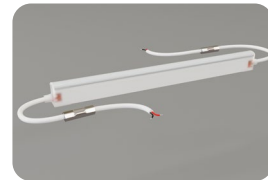
B2

Power entry from the BACK of the fixture [both ends] [for fixture length >18']



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 >18']



SL

Power entry from the SIDE of the fixture [LHS]



SR

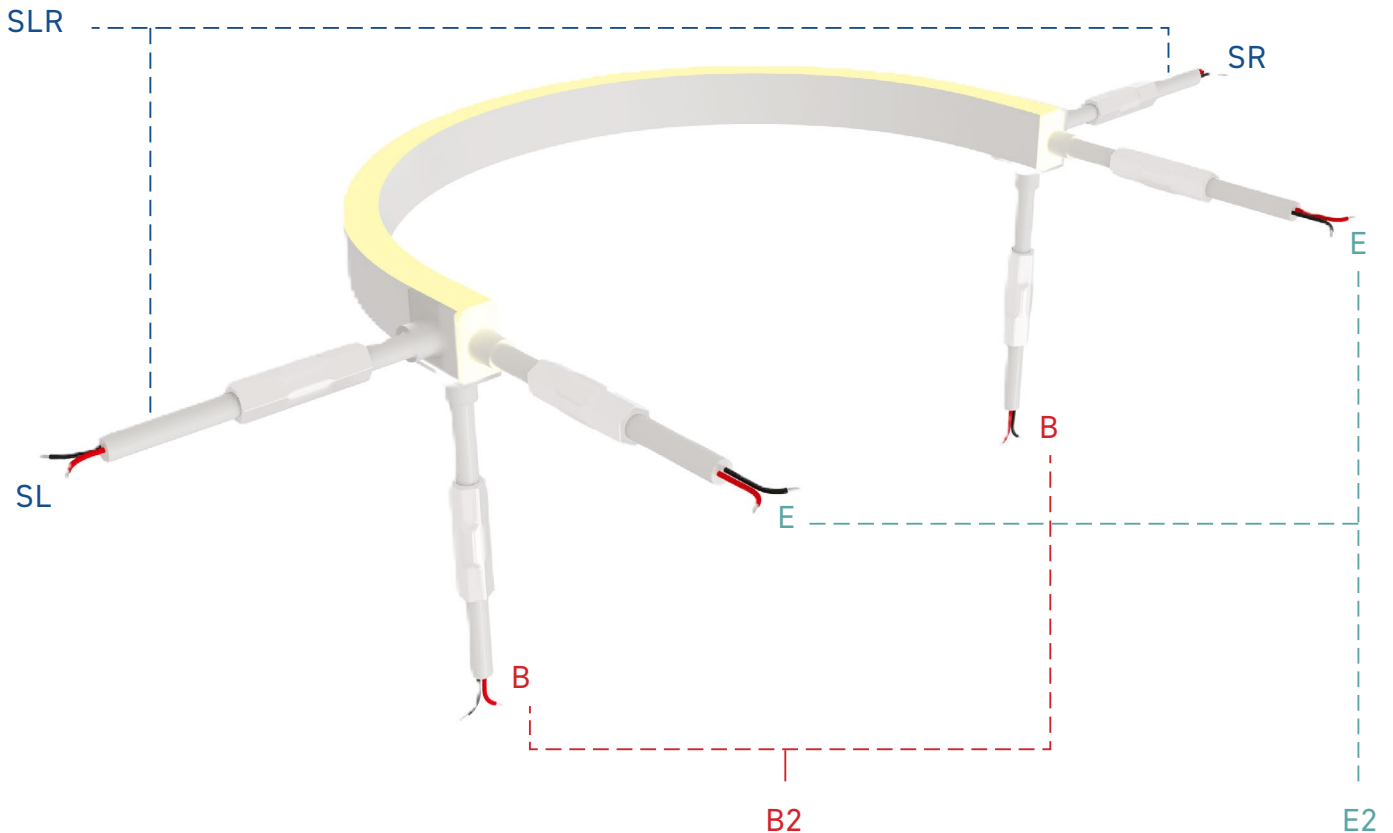
Power entry from the SIDE of the fixture [RHS]



SLR

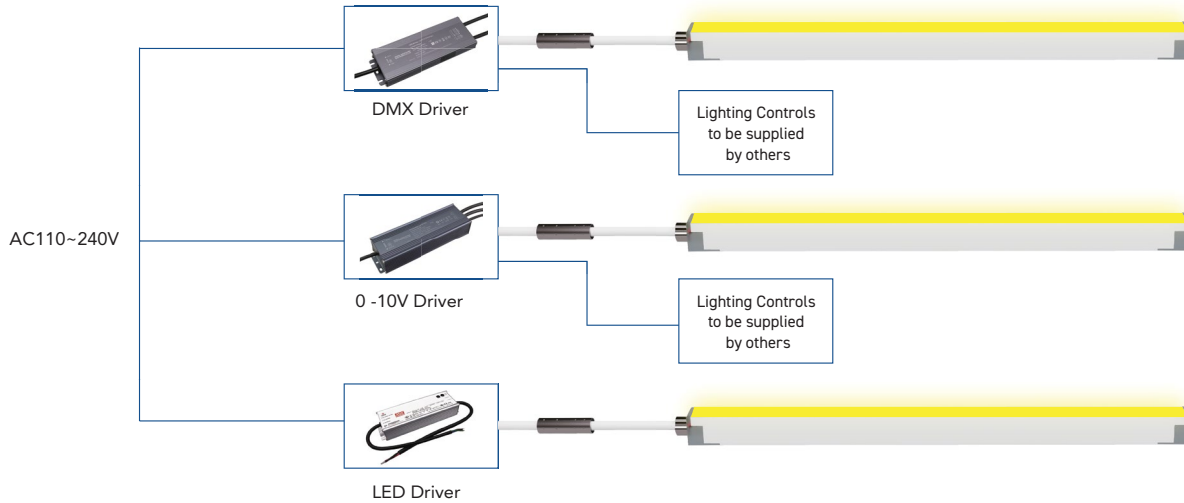
Power entry from the SIDE of the fixture [both L&R] [for fixture length >18']

POWER ENTRY ORIENTATION

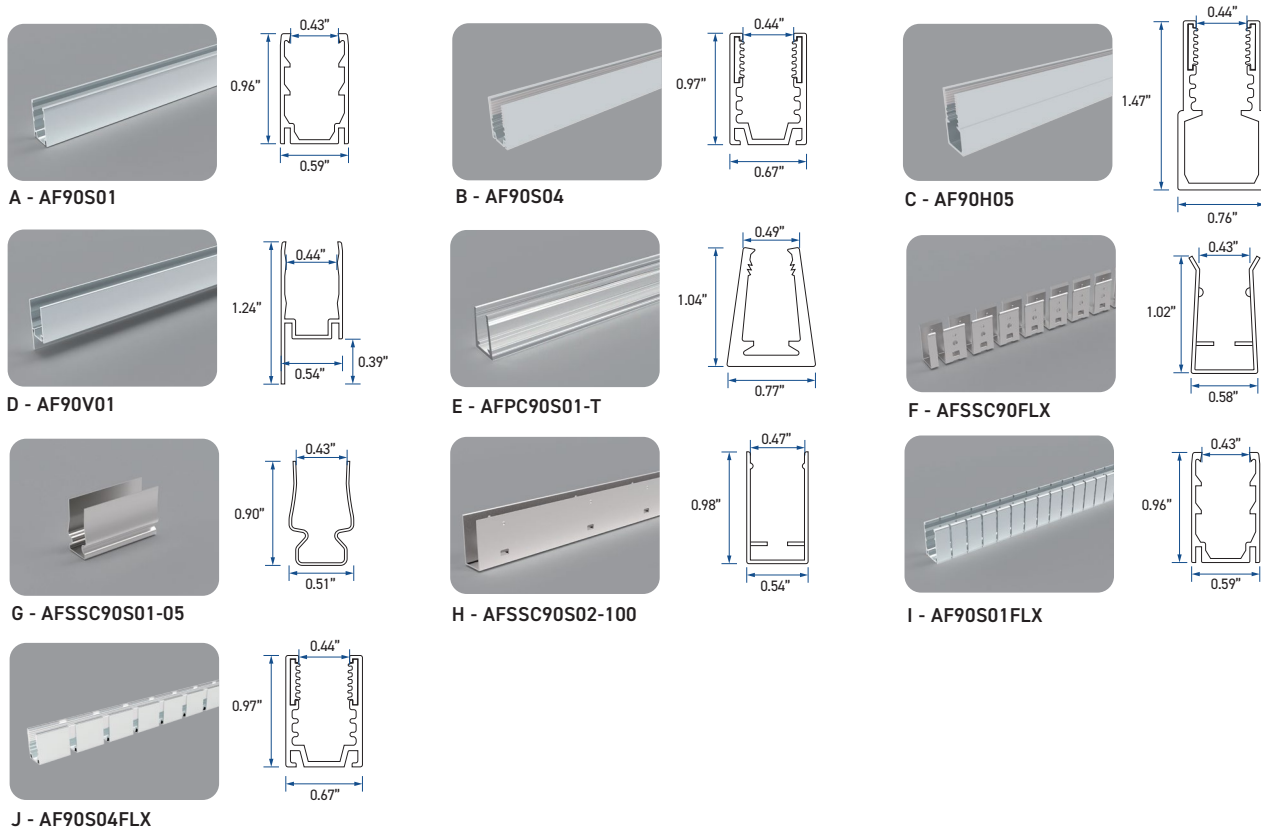


AKWA+FLEX-90 WIRING DIAGRAMS

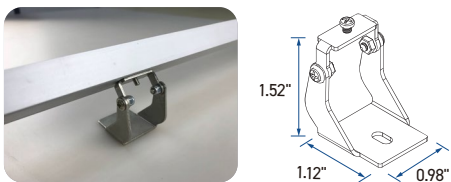
MONO COLOR



MOUNTING OPTIONS



ACCESSORIES



Adjustable Bracket - A - AF90ADJ