

# AKWA+FLEX-70

## MONO COLOR SPECIFICATION SHEET

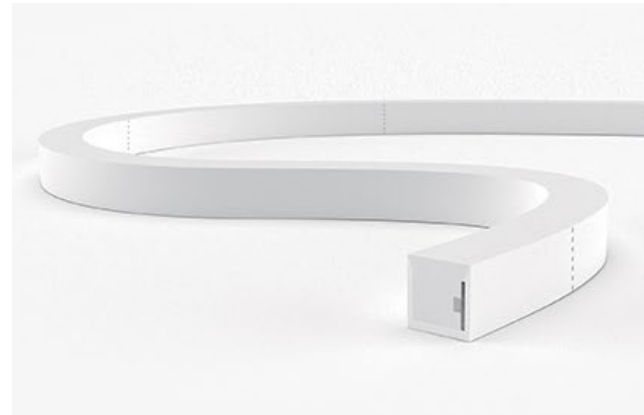
Project Name: .....

Specifier: .....

Location: .....

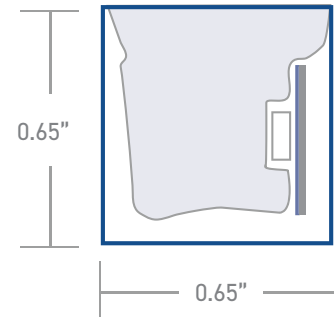
Product Code: .....

- Material:**  
Silicone
- Impact Rating:**  
IK08
- Weatherproof Rating:**  
IP68  
Wet Location
- Operating Temp:**  
-40°F - 131°F
- Bending Direction:**  
Horizontal
- UL Listed**
- Beam Angle:**  
120°
- Dimmable:**  
0-10V, DMX
- Bend Diameter:**  
>5.90"
- CRI:**  
>80+, >90+



	AKWA Silicone Resin Encapsulation   Horizontal Bend
Input Voltage	24V
Power Consumption	3.0W/ft
Standard CRI	>80
LEDs per foot/m	37   120
Incremental length in/mm	3.93"   100mm

<b>Color Temperature [K]</b>	<b>Lumen Output [lm/ft]</b>
2700K	100lm
3000K	103lm
3500K	106lm
4000K	110lm



<b>Luminaire Options</b>	RGB/W, tunable white & dim to warm available - refer to specific datasheets
Control	0-10V · DMX
Optics	opal 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 70. Example of specification: AF7030K80XX.XBBADIM

Fixture Type	Color Temp [K]	CRI	Nominal Length [feet] with one feed <sup>1,2</sup>	Power Entry Location <sup>3</sup>	Nominal Power Entry Termination	Mounting Profiles & Brackets	Accessories	Control
AF70	27K 2700K 30K 3000K 35K 3500K 40K 4000K 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 AF70S02 B AF70S07 C AF70S08 D AF70H02 E AFPC70S02-T F AFSSC70S01-05 G AFSSC70FLX H AFSSC70S02-100 I AF70S02FLX J AF70S8FLX	- Profile [Std] A AF70ADJ	<b>DIM</b> 0-10V Dim [Std] <b>DMX1</b> DMX 1 Ch

1. Specify length of run

2. Max run length per power entry feed is 27' [8.2m] and 54' [16.4m] 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.

# AKWA+FLEX-70

## POWER ENTRY LOCATIONS



**B**

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



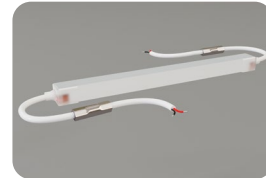
**B2**

Power entry from the BACK of the fixture [both ends] [for fixture length >27']



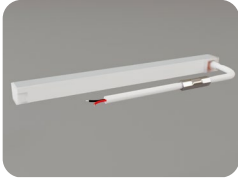
**E**

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



**E2**

Power entry from the END of the fixture [both ends] [for fixture length >27']



**SL**

Power entry from the SIDE of the fixture [LHS]



**SR**

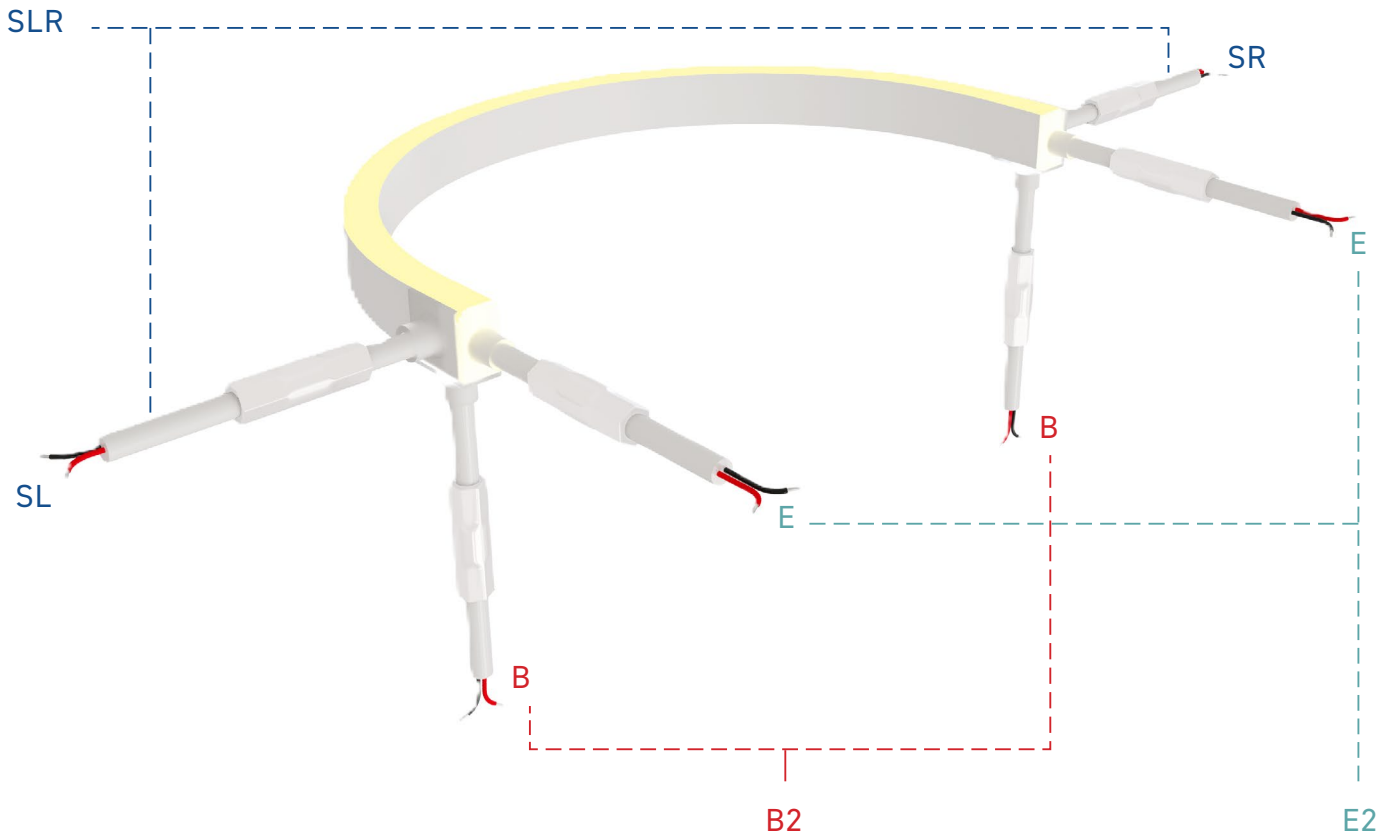
Power entry from the SIDE of the fixture [RHS]



**SLR**

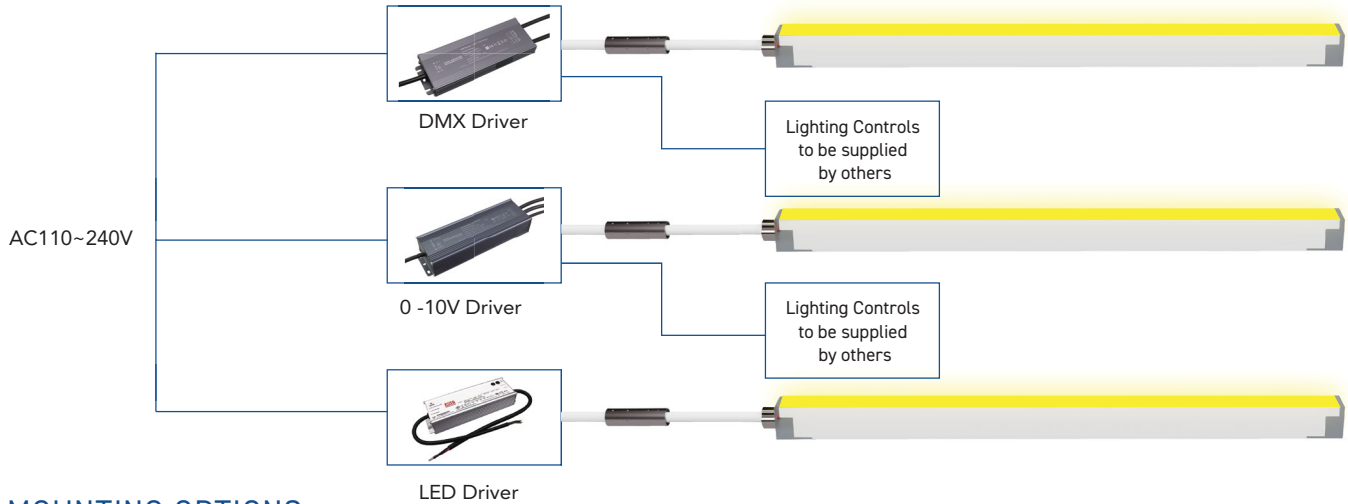
Power entry from the SIDE of the fixture [both L&R] [for fixture length >27']

## POWER ENTRY ORIENTATION


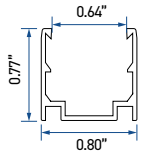

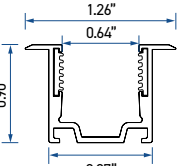
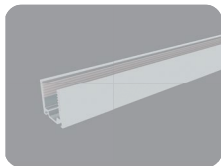
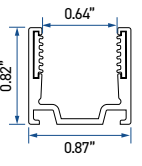
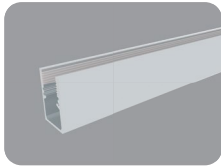
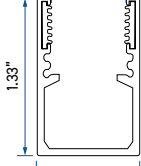

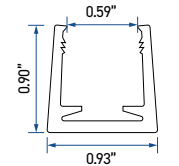
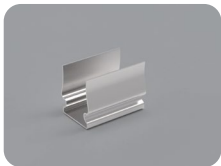
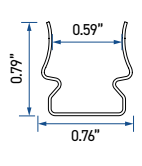
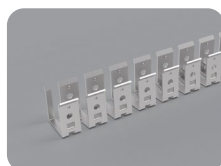
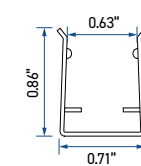

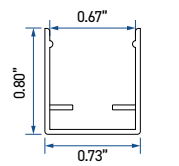
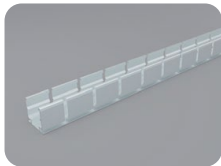
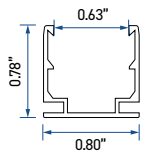
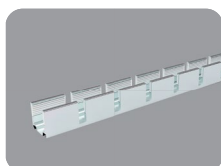
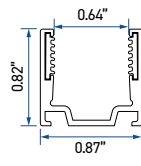


# AKWA+FLEX-70 WIRING DIAGRAMS

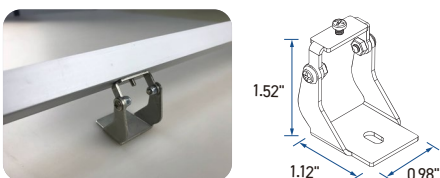
## MONO COLOR



## MOUNTING OPTIONS

 <b>A - AF70S02</b>	 0.77" 0.64" 0.80"	 <b>B - AF70S07</b>	 1.26" 0.90" 0.64" 0.87"	 <b>C - AF70S08</b>	 0.82" 0.64" 0.87"
 <b>D - AF70H02</b>	 1.33" 0.64" 0.87"	 <b>E - AFPC70S02-T</b>	 0.90" 0.59" 0.93"	 <b>F - AFPSS70S01-05</b>	 0.79" 0.59" 0.76"
 <b>G - AFSSC70FLX</b>	 0.86" 0.63" 0.71"	 <b>H - AFSSC70S02-100</b>	 0.80" 0.67" 0.73"	 <b>I - AF70S05FLX</b>	 0.78" 0.63" 0.80"
 <b>J - AF670S08FLX</b>	 0.82" 0.64" 0.87"				

## ACCESSORIES



Adjustable Bracket - A - AF70ADJ