

# AKWA+FLEX-50S

## DIM TO WARM - SAUNA SPECIFICATION SHEET

Project Name: \_\_\_\_\_

Specifier: \_\_\_\_\_

Location: \_\_\_\_\_

Product Code: \_\_\_\_\_


**Material:**  
Silicone

**Impact Rating:**  
IK08

**Weatherproof Rating:**  
IP68 Wet Location  
Can operate in 100% humid conditions.

**Operating Temp:**  
-40°F - 212°F  
Built in thermal IC to limit operation and eliminate thermal overload at temperatures above 212°F [100°C].

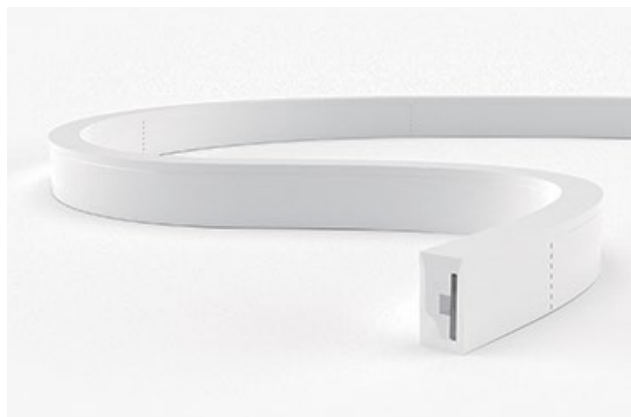
**Bending Direction:**  
Horizontal

**UL Listed**

**Beam Angle:**  
120°

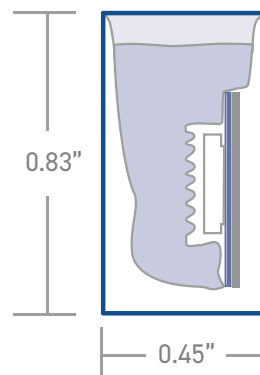
**Dimmable:**  
0-10V, DMX

**Bend Diameter:**  
>3.14"

**CRI:**  
>80+, >90+


	AKWA Silicone Resin Encapsulation   Horizontal Bend
Input Voltage	24V
Power Consumption	1.5W/ft
Standard CRI	>80
LEDs per foot/m	37   120
Incremental length in/mm	13.93"   100mm

Color Temperature [K]	Lumen Output [lm/ft]
2700K	54lm
3000K	55lm
3500K	50lm
4000k	47lm



Luminaire Options	Mono - 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 50S. [Example of specification](#): AF50S30K80XX.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
AF50S	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K <b>A</b> Amber [590nm] <b>R</b> Red <b>G</b> Green <b>B</b> Blue	<b>80</b> CRI >80+ <b>90</b> CRI >90+	<b>XX.X</b> Specify run Length [ft]	<b>B</b> Back one end <b>B2</b> Back each end <b>E</b> End Plate one end <b>E2</b> End Plate each end <b>SL</b> Side - Left <b>SR</b> Side- Right <b>SLR</b> Side - Left+Right	<b>B</b> Bare cable with anti-wick ferrule [Std] <b>M</b> Male IP68 Connector <b>F</b> Female IP68 Connector	<b>A</b> AF50S01 <b>B</b> AF50S04 <b>C</b> AF50H05 <b>D</b> AF50V01 <b>E</b> AFPC50S01-T <b>F</b> AFSSC50FLX <b>G</b> AFSSC50S01-05 <b>H</b> AFSSC50S02-100 <b>I</b> AF50S01FLX <b>J</b> AF50S04FLX	<b>-</b> Profile [Std] <b>A</b> AF50ADJ	<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 28' [8.5m], 56' [17m] 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.

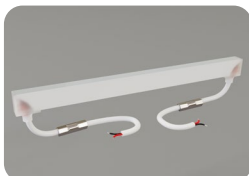
# AKWA+FLEX-50S

## POWER ENTRY LOCATIONS



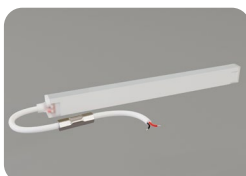
**B**

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



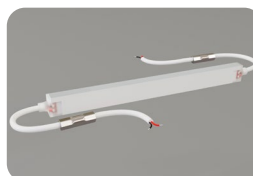
**B2**

Power entry from the BACK  
of the fixture [both ends]  
[for fixture length >28']



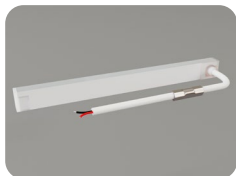
**E**

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



**E2**

Power entry from the END  
of the fixture [both ends]  
[for fixture length >28']



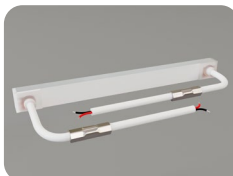
**SL**

Power entry from the SIDE  
of the fixture [LHS]



**SR**

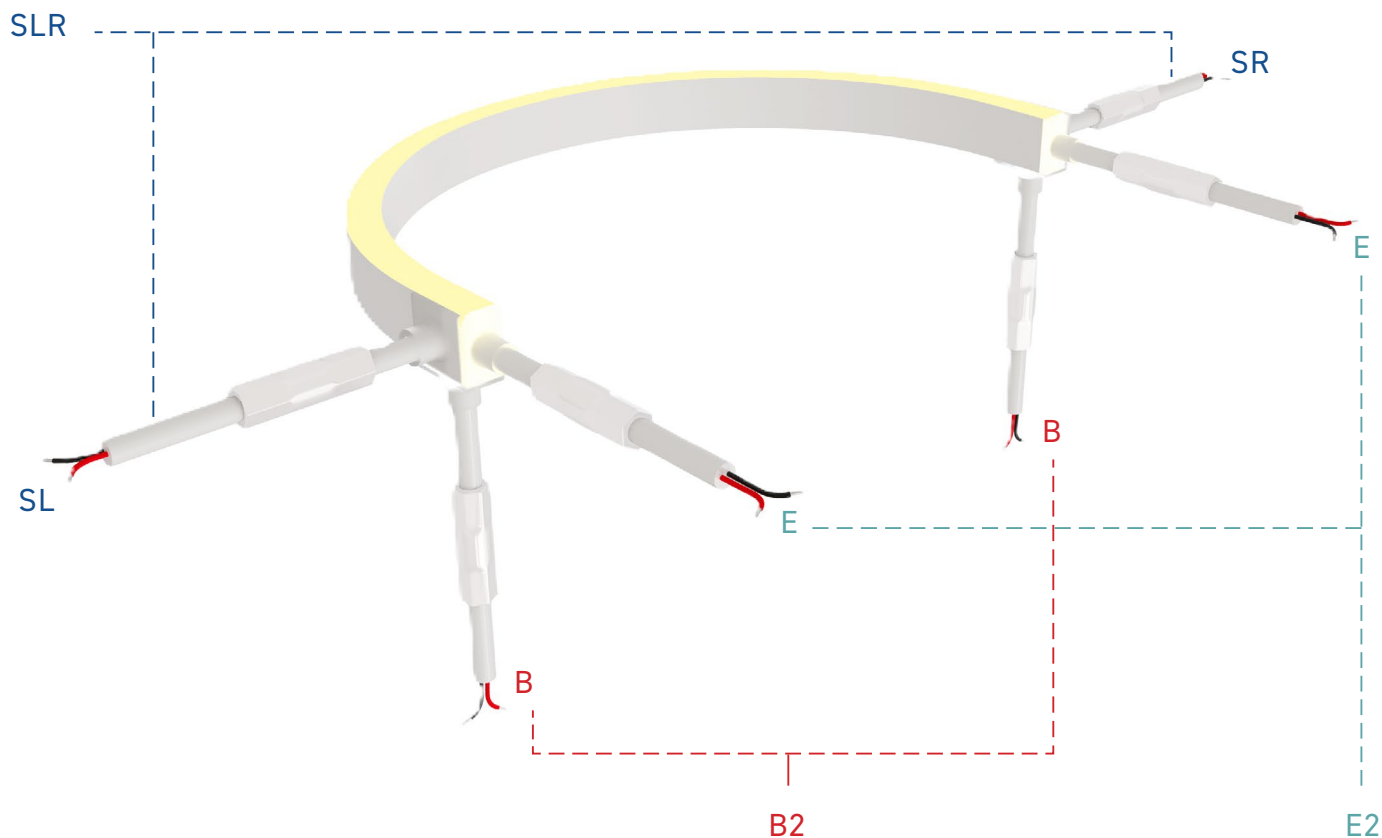
Power entry from the SIDE  
of the fixture [RHS]



**SLR**

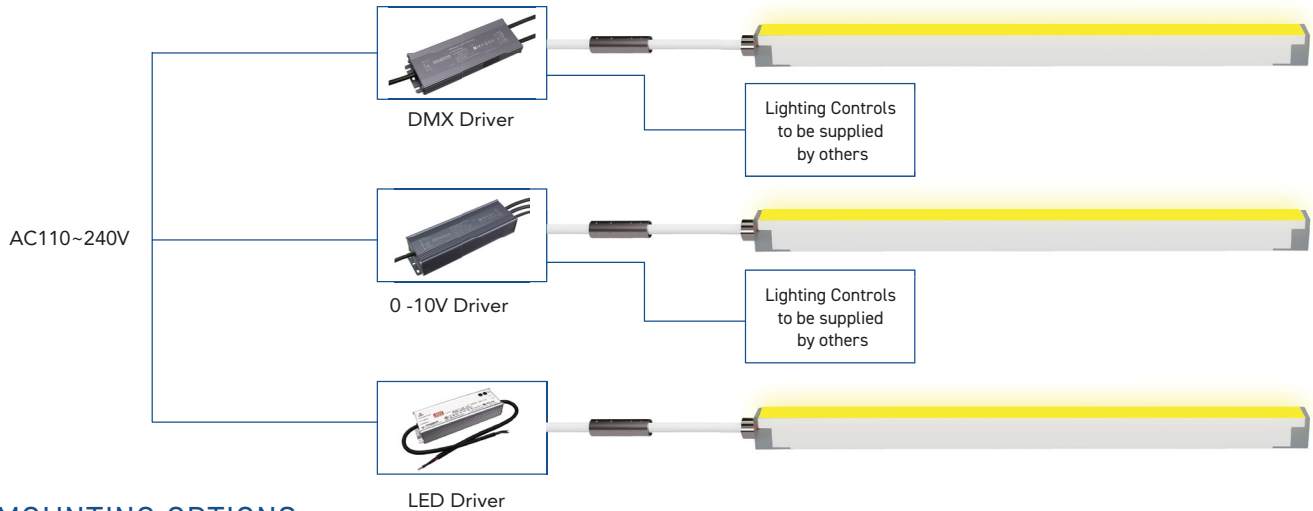
Power entry from the SIDE  
of the fixture [both L&R]  
[for fixture length >28']

## POWER ENTRY ORIENTATION

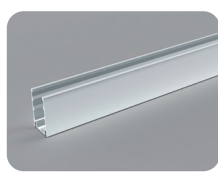


# AKWA+FLEX-50S WIRING DIAGRAMS

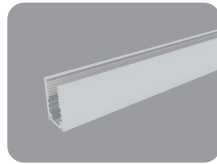
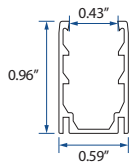
## MONO COLOR



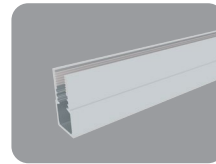
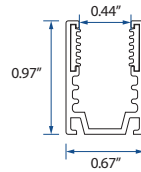
## MOUNTING OPTIONS



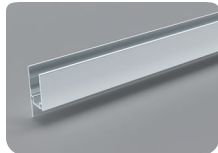
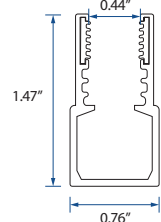
A - AF50S01



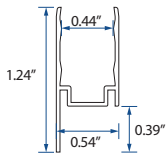
B - AF50S04



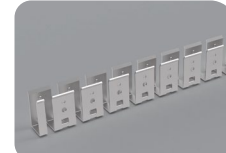
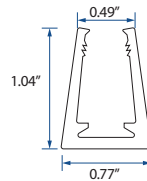
C - AF50H05



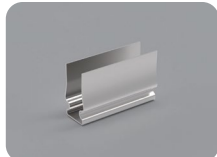
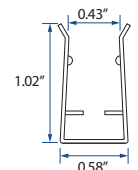
D - AF50V01



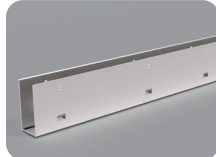
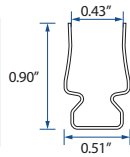
E - AFPC50S01-T



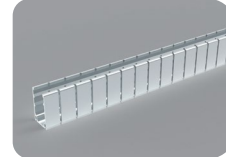
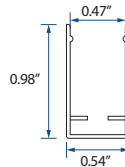
F - AFSSC50FLX



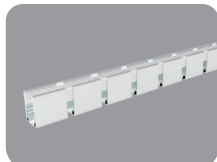
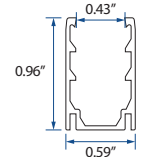
G - AFSSC50S01-05



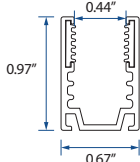
H - AFSSC50S02-100



I - AF50S01FLX



J - AF50S04FLX



## ACCESSORIES



Adjustable Bracket - A - AF50ADJ

