

# AKWAVFLEX-60

## 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:**  
 120°

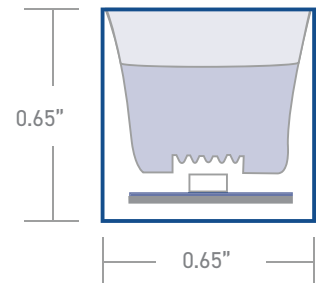
**Dimmable:**  
 DMX

**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	4.0lm
Green	46lm
Blue	10lm
RGBW	146lm
3000K	76lm



Luminaire options	Mono, tunable white & dim to warm. Refer to specific datasheets for information
Control	DMX
Optics	opal symmetrical 120° diffuser
Finish	white
Mounting	surface · wall · recessed
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 60. Example of specification: AF60RGB3XX.XBBADMX4

Fixture Type	Color Temp [K]	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
AF60	<b>RGB3</b> RGBW[3K] <b>RGB4</b> RGBW[4K]	<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>L</b> Back L Shape one end <b>L2</b> Back L Shape each end	<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> AF60S02 <b>B</b> AF60S07 <b>C</b> AF60S08 <b>D</b> AF60H02 <b>E</b> AFPC60S02-T <b>F</b> AFSS60S01-05 <b>G</b> AFSSC60FLX <b>H</b> AFSSC60S02-100 <b>I</b> AF60S05FLX <b>J</b> AF60S08FLX	- Profile [Std] <b>A</b> AF60ADJ	<b>DMX4</b> DMX RGBW

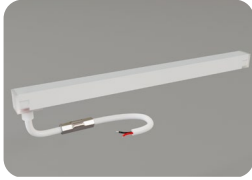
1. Specify length of run

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. B2, L2, E2 & SLR2 only required if exceeding the maximum single power entry as indicated above, thus requiring TWO power entries.

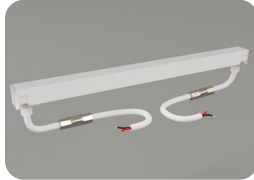
# AKWAVFLEX-60

## POWER ENTRY LOCATIONS



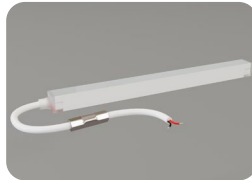
**B**

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



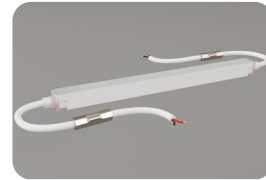
**B2**

Power entry from the **BACK** of the fixture [both ends] [for fixture length >16']



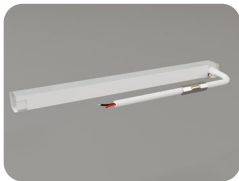
**E**

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']



**L**

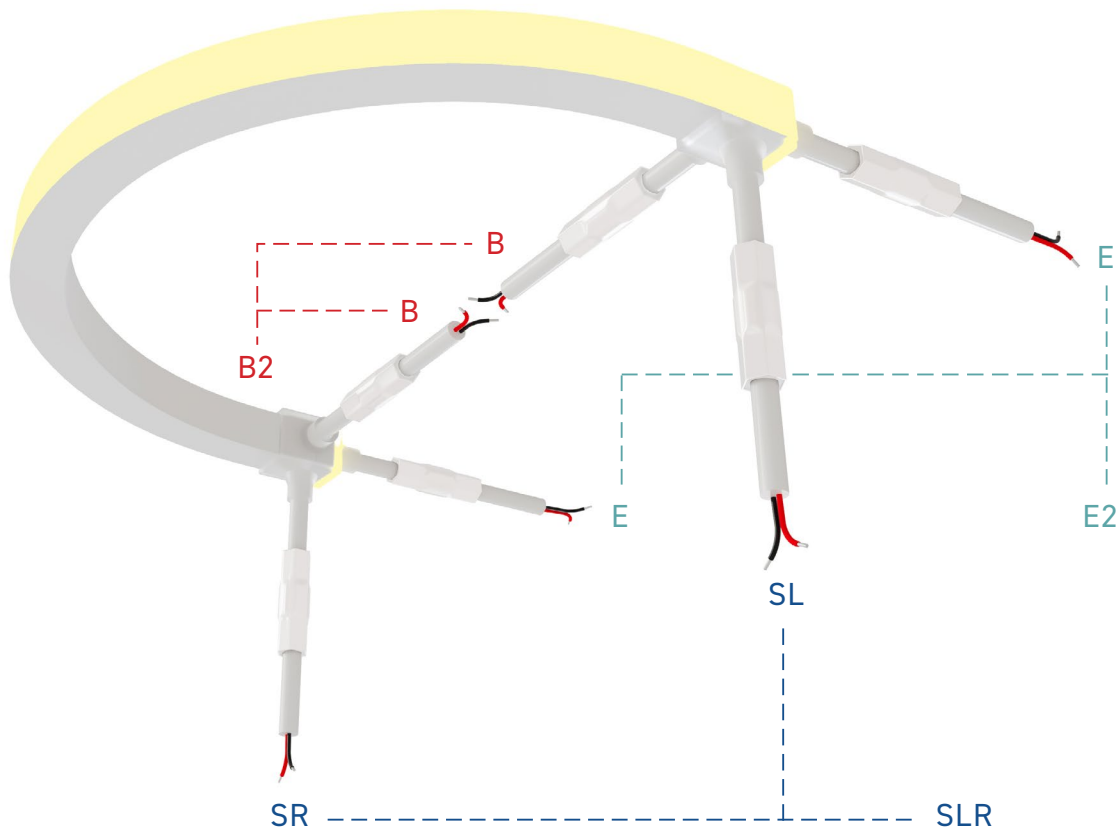
Power entry from the **back-L Shape** of the fitting [one end]



**L2**

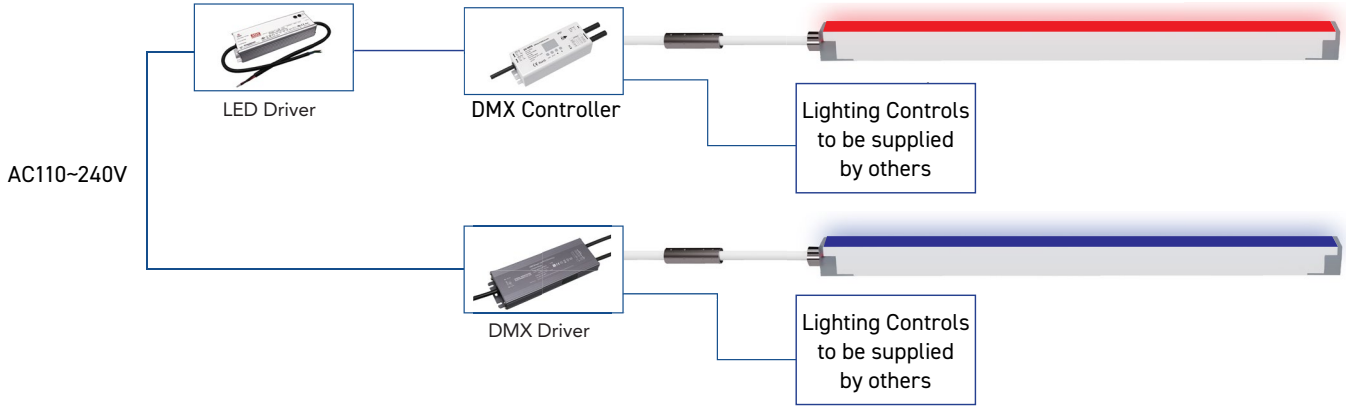
Power entry from the **back-L Shape** of the fitting [both ends]

## POWER ENTRY ORIENTATION

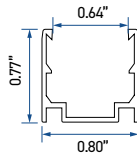


# AKWAVFLEX-60 WIRING DIAGRAMS

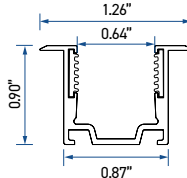
## RGBW



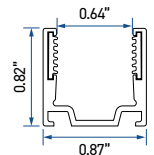
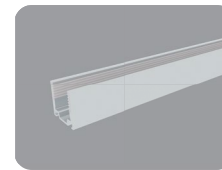
## MOUNTING OPTIONS



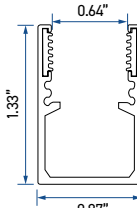
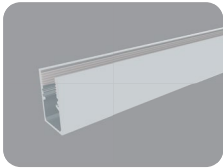
A - AF60S02



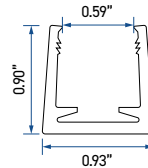
B - AF60S07



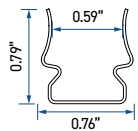
C - AF60S08



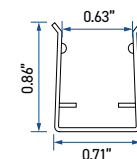
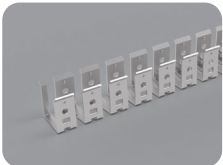
D - AF60H02



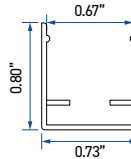
E - AFPC60S02-T



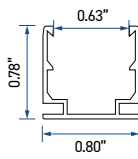
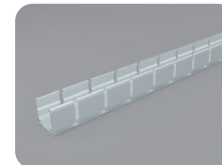
F - AFPSS60S01-05



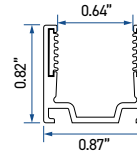
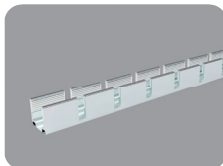
G - AFSSC60FLX



H - AFSSC60S02-100

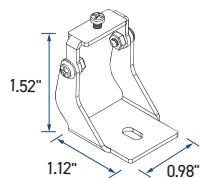


I - AF60S05FLX



J - AF60S08FLX

## ACCESSORIES



Adjustable Bracket - A - AF60ADJ