

# AKWAVFLEX-60

## SPECIFICATION SHEET

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

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

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

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


**Material:**  
 Silicon

**Impact Rating:**  
 IK08

**Weatherproof Rating:**  
 IP68  
 Wet Location

**Operating Temp:**  
 -40°F - 131°F

**Bending Direction:**  
 Vertical

**UL Listed**

**Beam Angle:**  
 120°

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

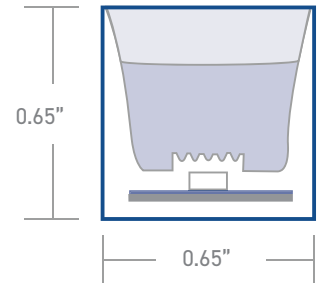
**Bend Radius:**  
 >4.72"

**CRI:**  
 >80+


DIRECT	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	158lm
3000K	165lm
3500K	168lm
4000K	170lm

Other LED Options	static colors, RGB/W, tunable white, dim to warm.
Control	0-10V · 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: AF6030KS XX.X BCA

Fixture Type	Color Temp [K]	Mounting	Nominal Length [feet] with one feed <sup>1,2</sup>	Power Entry Location <sup>3</sup>	Nominal Power Entry Termination	Mounting Profiles & Brackets	Control
AF60	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K <b>R</b> Red <b>G</b> Green <b>B</b> Blue <b>DTW</b> 1800-3000K <b>RGB3</b> RGB[3K] <b>RGB4</b> RGB[4K] <b>TUN</b> 2200-5700K <b>A</b> Amber [590nm]	<b>S</b> Surface <b>W</b> Wall-mount <b>R</b> Recessed	<b>XX.X</b> Specify run Length [ft]	<b>B</b> Back one end <b>B2</b> Back each end <b>EP</b> End Plate one end <b>EP2</b> End Plate each end <b>S</b> Side <b>S2</b> Side each end <b>L</b> L shape <b>L2</b> L shape each end	<b>-</b> Bare cable anti-wick device [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> AF60008-PC <b>G</b> AFSS60S01-05 <b>H</b> AFSSC60FLX <b>I</b> AFSSC60S02-100 <b>J</b> AF60S05FLX <b>K</b> AF60S08FLX	<b>-</b> 0-10V Dim [Std] <b>DTW</b> Dim to Warm <b>DMX1</b> DMX 1 Ch <b>DMX4</b> DMX RGBW <b>TUN</b> Tunable White

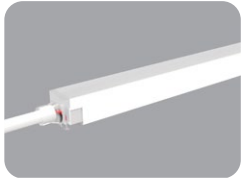
1. Specify length of run

2. Max run length per power entry feed is 32.8' [10m], 65.61' [20m] for 2 x feeds [one at each end]

3. B2, EP2, L2 & S2 only required if exceeding the maximum single power entry feed as indicated above

# AKWAVFLEX-60

## POWER ENTRY LOCATIONS



Power Entry - End



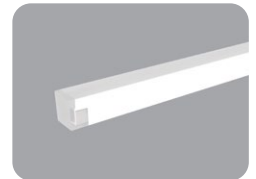
Power Entry - Side



Power Entry - Back

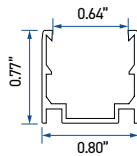


Power Entry - L Shape

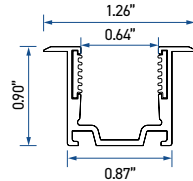


End Plate

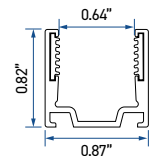
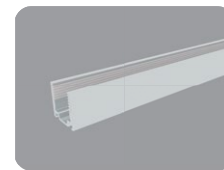
## MOUNTING OPTIONS



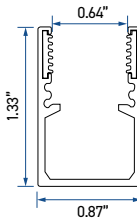
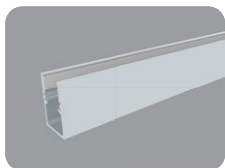
A - AF60S02



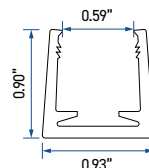
B - AF60S07



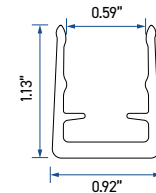
C - AF60S08



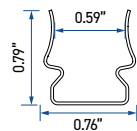
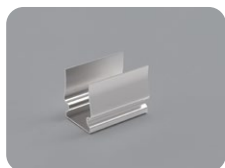
D - AF60H02



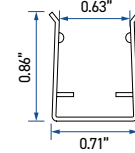
E - AF60S02-T



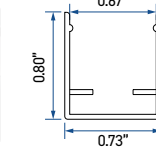
F - AF60008-PC



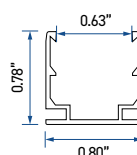
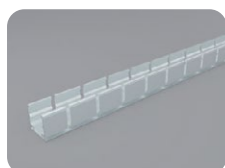
G - AFPSS60S01-05



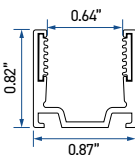
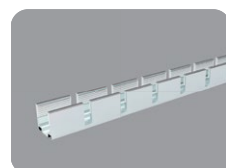
H - AFSSC60FLX



I - AFSSC60S02-100



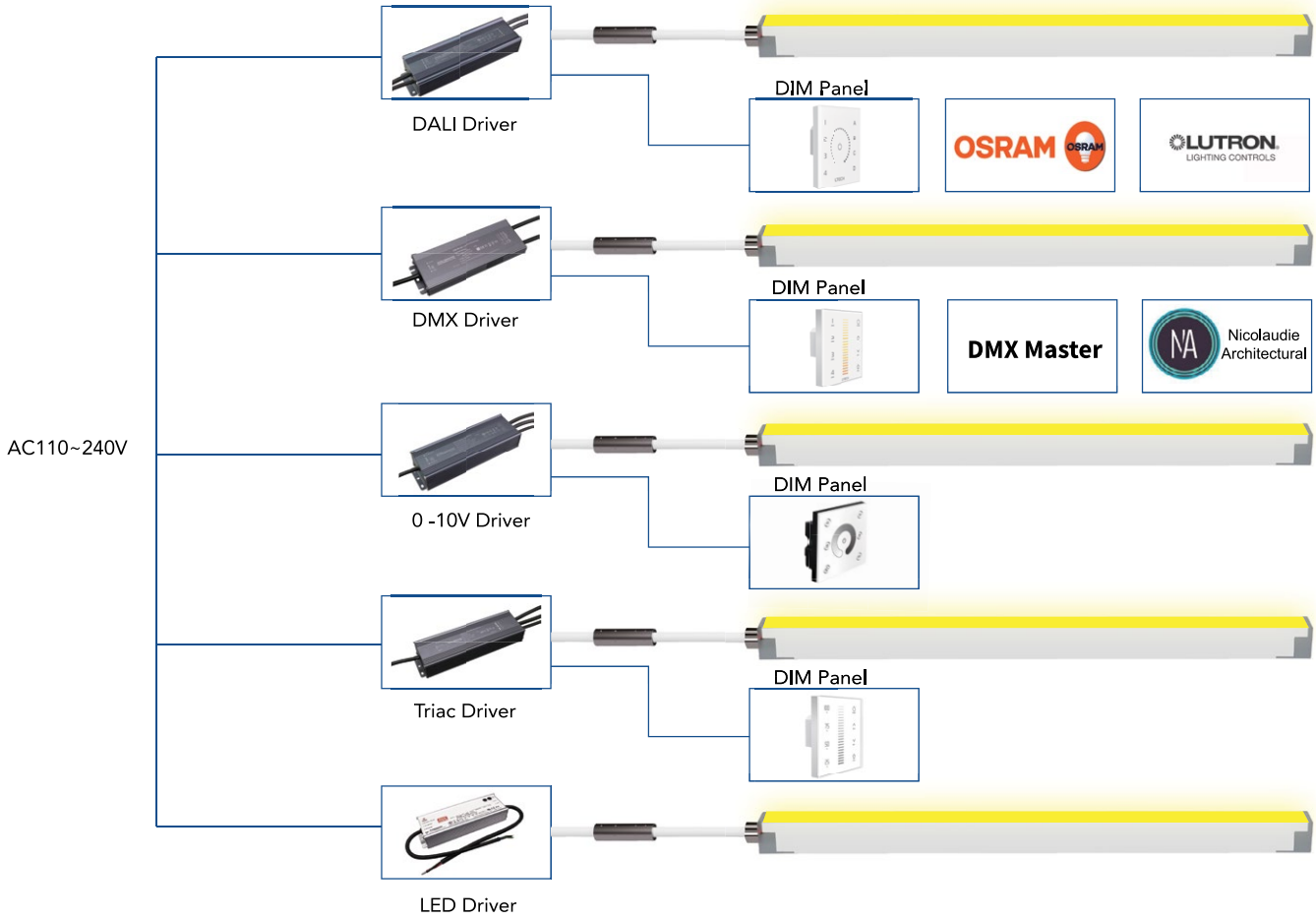
J - AF60S05FLX



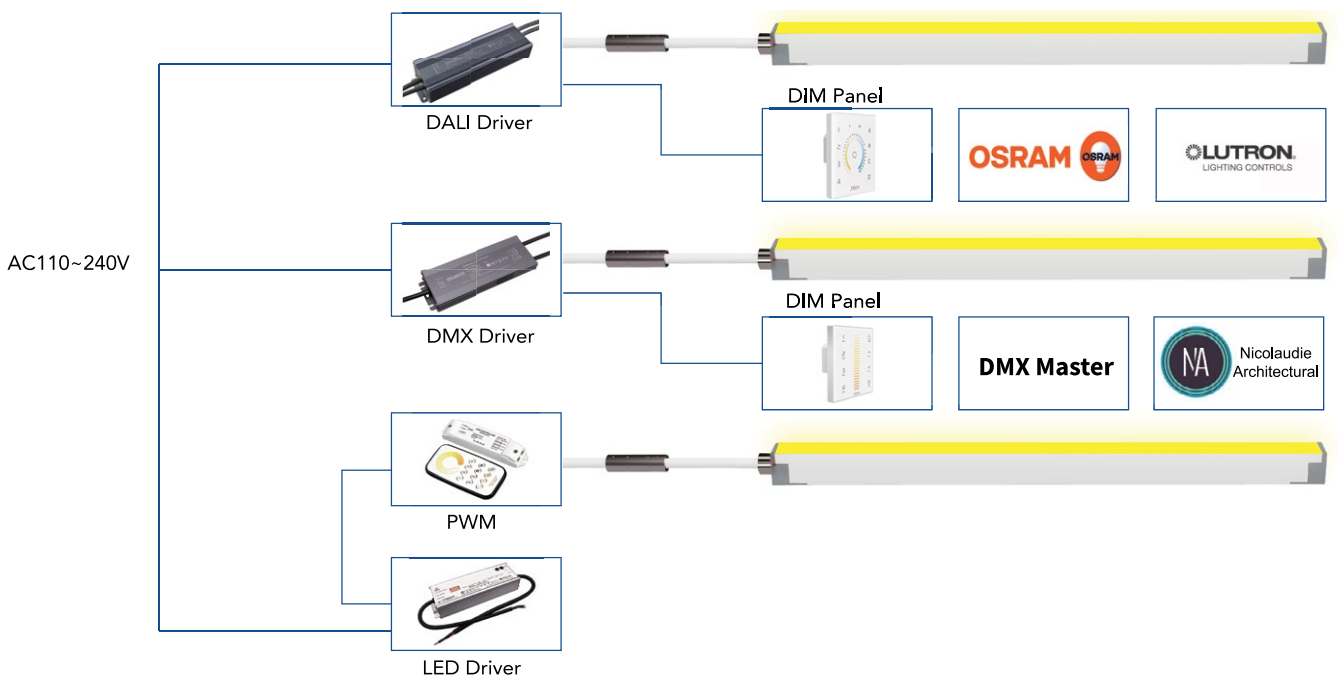
K - AF60S08FLX

# AKWAVFLEX-60 WIRING DIAGRAMS

## MONO COLOR

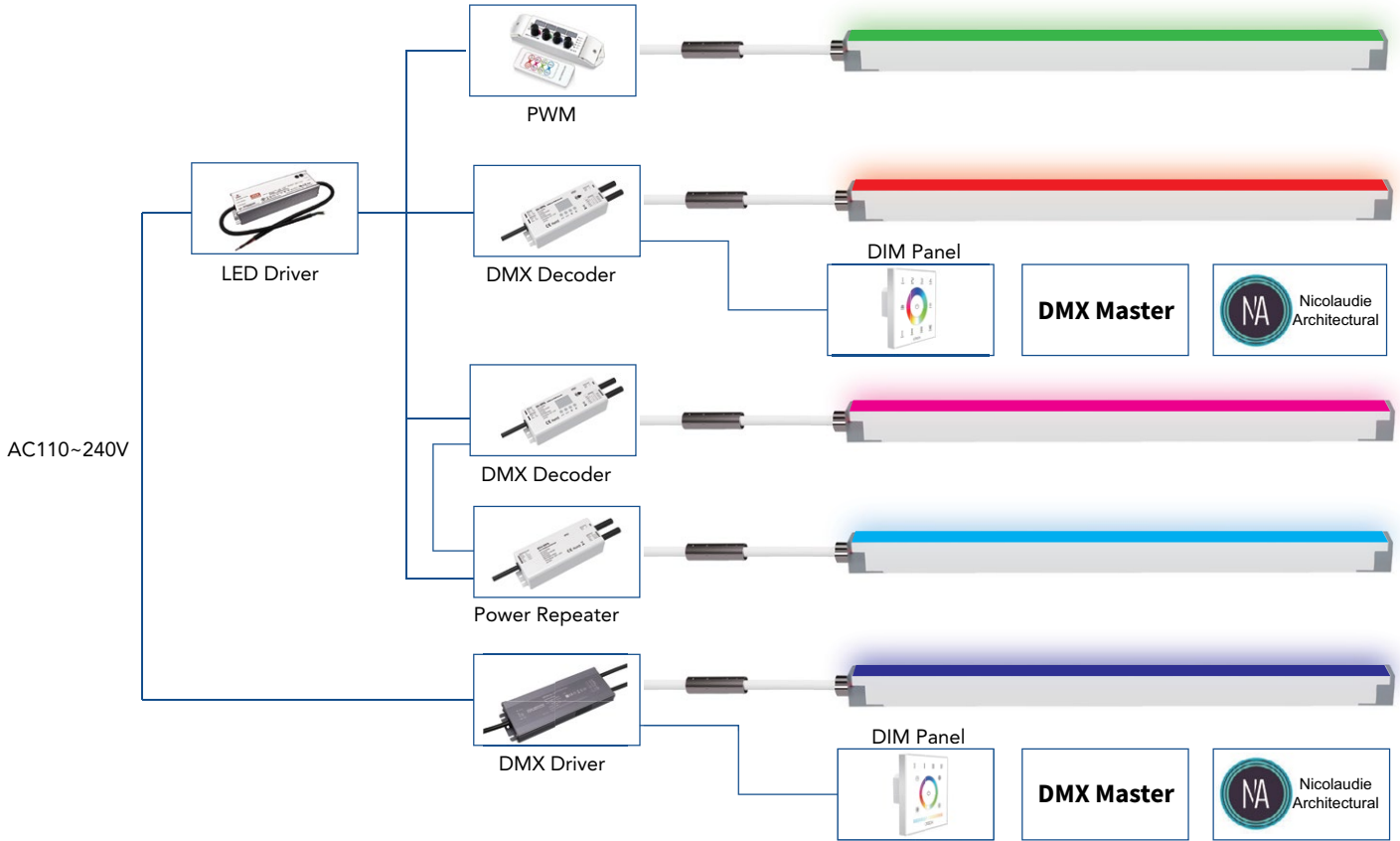


## TUNABLE WHITE



# AKWAVFLEX-60 WIRING DIAGRAMS

## RGBW [3K]



## DMX DYNAMIC

