

# AKWAVFLEX-10

## 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°

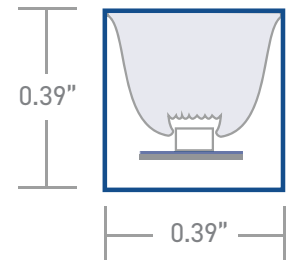
**Dimmable:**  
 0-10V, DMX, Triac

**Bend Radius:**  
 >5.90"

**CRI:**  
 >80+


<b>DIRECT</b>	AKWA Silicone Resin Encapsulation   Vertical Bend
Input Voltage	24V
Power Consumption	3.05W/ft
Standard CRI	>80
LEDs per foot/m	37   120
Incremental length in/mm	0.65"   16.6mm

<b>Color Temperature [K]</b>	<b>Lumen Output [lm/ft]</b>
2700K	140lm
3000K	140lm
3500K	146lm
4000K	146lm



<b>Other LED Options</b>	static colors
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 10. Example of specification: AF1030KS 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
AF10	<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>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	- Bare cable anti-wick device [Std] <b>M</b> Male IP68 Connector <b>F</b> Female IP68 Connector	<b>A</b> AF10S01 <b>B</b> AF10S01FLX <b>C</b> AF10S02 <b>D</b> AF10S03 <b>E</b> AF10S04 <b>F</b> AFSSC10S01-100 <b>G</b> AFPC10S01	- 0-10V Dim [Std] <b>DMX1</b> DMX 1 Ch

1. Specify length of run

2. Max run length per power entry feed is 16.4' [5m], 32.8' [10m] for 2 x feeds [one at each end]

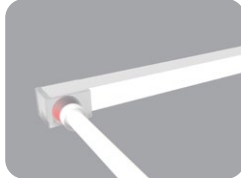
3. B2, EP2 & S2 only required if exceeding the maximum single power entry feed as indicated above

# AKWAVFLEX-10

## POWER ENTRY LOCATIONS



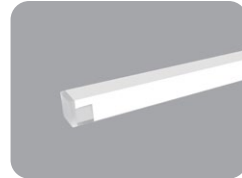
Power Entry - End



Power Entry - Side

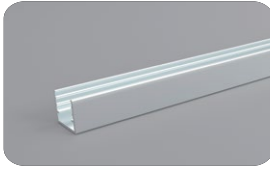


Power Entry - Back

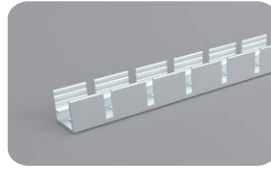
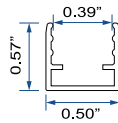


End Plate

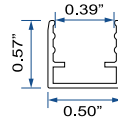
## MOUNTING OPTIONS



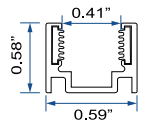
A - AF10S01



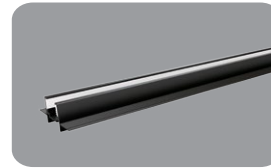
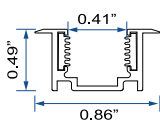
B - AF10S01FLX



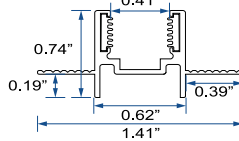
C - AF10S02



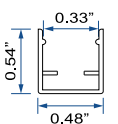
D - AF10S03



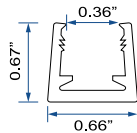
E - AF10S04



F - AFSSC10S01-100



G - AFPC10S01



# AKWAVFLEX-10 WIRING DIAGRAM

## MONO COLOR

