

## SPARKFLEX

Bring flexibility to your design



Audax Electronics proudly introduces its new flex material light engines, focused on high efficiency products and world class quality standards.

### Why use SparkFlex?

The main concept of the SparkFlex portfolio is to deliver design freedom to our customers. Unusual shapes can be created with a wide range of CCTs and colors. Also, due to the reel packaging, a much higher quantity of flex PCBs lengths can be stored when compared to the traditional rigid PCBs.

Unleash your creativity with the new SparkFlex products, by Audax Electronics!

Precision Dimming provides a simplified approach to address the issue of unacceptable LED light output and hue variations when using low-current dimming. Unlike competing solutions that just control forward voltage, Precision Dimming controls forward voltage as well as color rendering metrics, including CRI and TM-30 Rf.



### APPLICATIONS

- Decorative Lighting
- Indoor Lighting
- Specialty Lighting

### FEATURES

- Design Freedom for linear LED systems
- Wide range of CCTs and Colors
- Cuttable each 50.8 mm
- Precision Dimming
- Supplied with Cera THERMALTape®

# NEWS



SparkFlex  
Static White  
Precision  
Dimming CC

Part Number	LUM FLUX DENSITY (lm/m)	PER 50.8 mm SEGMENT (lm)	POWER DENSITY (W/m)	Eff. (lm/W)	V <sub>cc</sub> IN (V)	CCT	CRI	#LEDs	#LEDs PER 50.8 mm SEGMENT
80516800100	1345	137	9.2	145	32.4	2700K	90	120	12
80516900100	1414	144	9.2	152	32.4	3000K	90	120	12
80517000100	1483	151	9.2	160	32.4	3500K	90	120	12
80517100100	1529	155	9.2	165	32.4	4000K	90	120	12
80517200100	1529	155	9.2	165	32.4	5000K	90	120	12



SparkFlex  
Static White  
Precision  
Dimming  
24VDC

Part Number	LUM FLUX DENSITY (lm/m)	PER 101.6 mm SEGMENT (lm)	POWER DENSITY (W/m)	Eff. (lm/W)	V <sub>cc</sub> IN (V)	CCT	CRI	#LEDs	#LEDs PER 101.6 mm SEGMENT
80447000100	1345	86	14.1	95	24.0	2700K	90	120	6
80447100100	1414	72	14.1	100	24.0	3000K	90	120	6
80447200100	1483	75	14.1	105	24.0	3500K	90	120	6
80447300100	1529	78	14.1	108	24.0	4000K	90	120	6
80447400100	1529	78	14.1	108	24.0	5000K	90	120	6



SparkFlex  
Tunable White  
Precision  
Dimming CC

Part Number	LUM FLUX DENSITY (lm/m)	PER 101.6 mm SEGMENT (lm)	POWER DENSITY (W/m)	Eff. (lm/W)	V <sub>cc</sub> IN (V)	CCT	CRI	#LEDs	#LEDs PER 101.6mm SEGMENT
80517300100	1345	137	9.2	145	32.4	2700K	90	120	12
	1529	155	9.2	165	32.4	5000K	90	120	12



SparkFlex  
RGB 24VDC

Part Number	LUM INTENSITY (cd/m)	PER 50.8 mm SEGMENT (cd)	POWER DENSITY (W/m)	Eff. (lm/W)	V <sub>cc</sub> IN (V)	CCT	CRI	#LEDs	#LEDs PER 50.8 mm SEGMENT
80498400100	30	1.6	14.1	2	24.0	Red	-	120	6
	118	5.9	14.1	8	24.0	Green	-	120	6
	26	1.4	14.1	2	24.0	Blue	-	120	6



SparkFlex  
RGBW  
24VDC

Part Number	LUM INTENSITY (cd/m)	PER 50.8 mm SEGMENT (cd)	POWER DENSITY (W/m)	Eff. (lm/W)	V <sub>cc</sub> IN (V)	CCT	CRI	#LEDs	#LEDs PER 50.8 mm SEGMENT
80498500100	30	1.6	14.1	2	24.0	Red	-	120	6
	118	5.9	14.1	8	24.0	Green	-	120	6
	26	1.4	14.1	2	24.0	Blue	-	120	6
	129	21.5	14.1	30	24.0	3000K	90	120	6