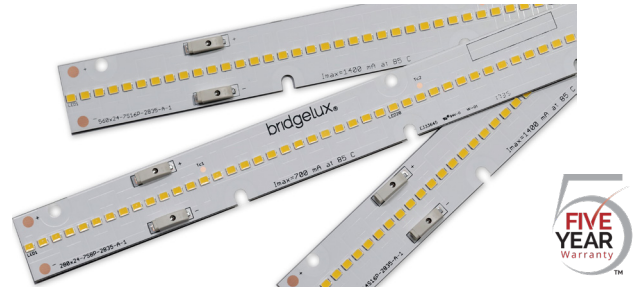


EB Series™ Gen 3

Bridgelux Differentiation

- It's in our DNA to solve customers' problems
- 15+ years of driving LED industry transformation
- Vertically integrated global supply chain
- Fully customizable platforms, including board shapes, LED layouts, color points and CRI options



Features & Benefits

- High efficacy of up to 200 lm/W (nominal)
- Available in 80 CRI, 90 CRI, and Thrive (97 CRI full spectrum)
- Available in a color temperatures from 2700K to 6500K
- High Output (HO) modules with 2x the nominal flux
- Wide lumen range with 2x overdrive capability
- 1120mm HO module delivers up to 20k lumens at 180 lm/W
- Achieve over 200 lm/W by under-driving
- Long lifetime (L80, B50 > 50,000 hours)
- Reliable use at elevated currents for greater design flexibility
- Easy installation using Zhaga mounting holes and connectors



Module Length	CCT Range	CRI	Flux (lm)	Drive Current (mA)	Voltage (V)	Power (W)	Efficacy (lm/W)	SDCM
280 mm	2700K-6500K	80	1340	350	19.1	6.7	200	3
		90	1100				164	
		Thrive (97)	950		19.6	6.9	138	
280 mm High Output	2700K-6500K	80	2610	700	19.2	13.4	194	
		90	2225				166	
		Thrive (97)	1900				138	
560 mm	2700K-6500K	80	2675	700	19.1	13.4	200	3
		90	2195				164	
		Thrive (97)	1900		19.6	13.8	138	
560 mm High Output	2700K-6500K	80	5220	1400	19.2	26.9	194	
		90	4450				166	
		Thrive (97)	3800				138	
1120 mm	2700K-6500K	80	5350	700	38.3	26.8	200	3
		90	4390				164	
		Thrive (97)	3800		39.2	27.7	138	
1120 mm High Output	2700K-6500K	80	10440	1400	38.4	53.8	194	
		90	8900				166	
		Thrive (97)	7500				138	

* All measurements are at 4000K, T_c=25°C

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Bridgelux EB Series Gen 3 Sell Sheet Rev. D (05/2020)

For more information:
bridgelux.com/products/eb-series

