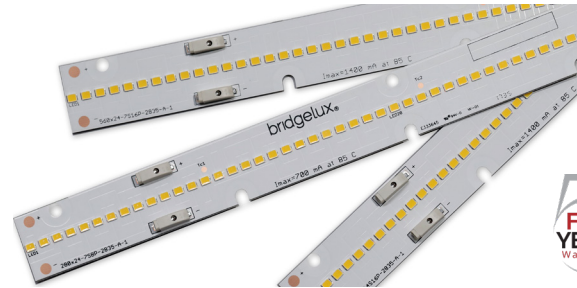


EB Series™ Gen 3

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 (98 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		19.9		164	
		Thrive (98)	1010		7.0	145		
280 mm High Output		80	2610	700	19.2	13.4	194	
		90	2225		166			
560 mm		2700K-6500K	80	2675	700	19.1	13.4	
	90		2195	19.9		164		
	Thrive (98)		2020	13.9		145		
560 mm High Output	80		5220	1400	19.2	26.9	194	
	90		4450		166			
1120 mm	2700K-6500K		80	5350	700	38.3	26.8	200
		90	4390	39.8		164		
		Thrive (98)	4040	27.8		145		
1120 mm High Output		80	10440	1400	38.4	53.8	194	
		90	8900		166			

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

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Bridgelux EB Series Gen 3 Sell Sheet Rev. F (06/2020)

For more information:
[bridgelux.com/products/eb-series](https://www.bridgelux.com/products/eb-series)

