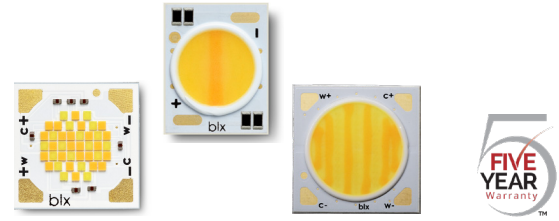


# Vesta® Series Arrays

## Bridgelux Differentiation

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

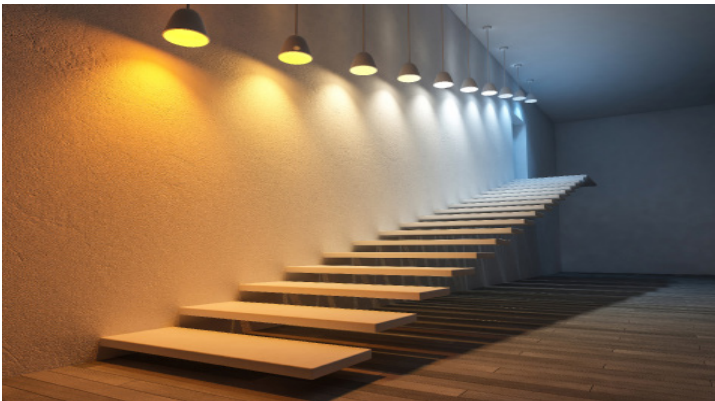


## Features

- Comprehensive line of Dim-To-Warm and Tunable White arrays
- Phosphor dispensed and CSP arrays for premium applications
- Proprietary packaging technology to enhance near field color uniformity
- Thrive tunable spectrum to closely match natural light

## Benefits

- Superior color dimming transition and color mixing
- Compact system design
- Phosphor dispensed products suitable precision optics down to 15 degrees
- Full consistent spectrum with fewer spectral spikes



## Applications

- Retail
- Hospitality
- Architectural & Museums
- Residential
- Healthcare
- Education
- Entertainment
- Food



Product	LES Dimensions	Tunable/Dimming CCT Range	CRI	SDCM	Flux <sup>1</sup> (lm)	Current (mA)	Voltage <sup>1</sup> (V)	Efficacy <sup>1</sup> (lm/W)	Technology
Dim-To-Warm Array	6mm (6W)	1800K - 2700/3000K <sup>1</sup>	92, 96	3	660	350	17.0	111	Dispensed Phosphor
	9mm (6 W)				684	350	17.0	115	
	9mm (12 W)				1360	350	33.8	115	
	13mm (21W)				2312	600	33.5	115	
	15mm (33 W)				3725	950	34.1	115	
	18mm (46W)				5350	1290	36.0	115	
29mm (113W)	13000	2350	48.0	115					
Tunable White Array	9mm (12W)	2700K - 5000K <sup>2</sup>	92	3	1385	700	18.0	109	CSP
	13mm (25W)				2750	700	36.0	109	
Tunable White Array	6mm (6W)	2700K - 5000/6500K <sup>2</sup>	92	3	600	150	36.0	111	Dispensed Phosphor
	9mm (9W)				1800 - 3000/4000K <sup>2</sup> 2700K - 5000/6500K <sup>2</sup>	92, 98, Thrive	3	1060 1190	
	13mm (18 W)	1800 - 3000/4000K <sup>2</sup> 2700K - 5000/6500K <sup>2</sup>	92, 98, Thrive	3	2200 2300	500	36.3	121 127	
	15mm (21W)	2700K - 5000/6500K <sup>2</sup>	92	3	2954	650	35.5	128	
	18mm (25W)				4026	900	35.5	128	
	22mm (44W)				6106	900	53.0	128	
29mm (54W)	7043				1050	53.0	128		

Notes:

1. All measurements are at T<sub>c</sub>=25°C, 90 CRI, and the highest rated CCT

2. All measurements are at T<sub>c</sub>=85°C, 90 CRI, and the highest rated CCT