

# 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	6 mm (6 W)	1800K - 2700/3000K <sup>1</sup>	90, 95	3	640	350	17.0	108	Dispensed Phosphor
	9 mm (6 W)				685	350	17.0	115	
	9 mm (12 W)				1360	350	33.8	115	
	13 mm (21 W)				2315	600	33.5	115	
	15 mm (33 W)				3725	950	34.1	115	
Tunable White Array	9 mm (12 W)	2700K - 5000K <sup>2</sup>	90	3	1385	700	18.0	106	CSP
	13 mm (25 W)				2750	700	36.0	106	
Tunable White Array	6 mm (6 W)	2700K - 5000/6500K <sup>2</sup>	90	3	600	150	36.0	111	Dispensed Phosphor
	9 mm (9 W)				1800 - 3000/4000K <sup>2</sup>	90, Thrive	3	1177	
	13 mm (18 W)	2312	500	36.0				128	
	15 mm (21 W)	2700K - 5000/6500K <sup>2</sup>	90	3	2954	650	35.5	128	
	18 mm (25 W)				4028	900	35.5	128	
	22 mm (44 W)				6106	900	53.0	128	
29 mm (54 W)	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