Vesta[®] SE Series

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

- Vesta Tunable White and Dim-To-Warm Arrays with integrated holder
- Poke-in connectivity, 20-24 AWG, 0.2 0.5 mm²
- Zhaga compatible mounting holes
- Alignment holes for precise secondary optics mounting
- Mechanically compatible with Vero SE





- Robust and reliable solder connection between array and holder .
- Simplified manufacturing and assembly process
- Easy integration into existing product designs using single color arrays
- Plug and Play compatibility with Vesta Flex Dual Channel Driver and controls

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Applications

- . Retail
 - Hospitality
- Healthcare

Education

Entertainment

- Architectural & Museums
- Residential
- Food



Product	Holder OD	LES Dimensions	Tunable/Dimming CCT Range	CRI	SDCM	Flux¹ (lm)	Current (mA)	Voltage¹ (V)	Efficacy¹ (lm/W)	Technology
Dim-To- Warm Array	30.8 mm 30.8 mm 30.8 mm 36.2 mm 36.2 mm	6 mm (6W) 9 mm (6 W) 9 mm (12 W) 13 mm (21W) 15 mm (33 W)	1800K - 2700/3000K ¹	90, 95	3	640 685 1360 2315 3725	350 350 350 600 950	17.0 17.0 33.8 33.5 34.1	108 115 115 115 115 115	Dispensed Phosphor
Tunable White Array	36.2 mm	6 mm (6 W)	2700K - 5000/6500K²	90	3	600	150	36	111	Dispensed Phosphor
	36.2 mm 36.2 mm	9 mm (9 W) 13 mm (18 W)	1800 - 3000/4000K² 2700K - 5000/6500K²	90, Thrive	3	1177 2312	500/250 500	18.0/36.0 36.0	128 128	
	45.0 mm 45.0 mm 45.0 mm 49.2 mm	15 mm (21 W) 18 mm (25 W) 22 mm (44 W) 29 mm (54 W)	2700K - 5000/6500K²	90	3	2954 4028 6106 7043	650 900 900 1050	35.5 35.5 53.0 53.0	128 128 128 128 128	

Notes

All measurements are at T_c =25'C, 90 CRI, and the highest rated CCT All measurements are at T_c =85'C, 90 CRI, and the highest rated CCT 1 2.

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Bridgelux Vesta Series Arrays Sell Sheet Rev. A (02/2020)