

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

Benefits

- 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



Applications

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



Product	Holder OD	LES Dimensions	Tunable/Dimming CCT Range	CRI	SDCM	Flux ¹ (lm)	Current (mA)	Voltage ¹ (V)	Efficacy ¹ (lm/W)	Technology
Dim-To-Warm Array	30.8 mm	6 mm (6W)	1800K - 2700/3000K ¹	90, 95	3	624	350	17.0	105	Dispensed Phosphor
	30.8 mm	9 mm (6 W)				667	350	17.0	112	
	30.8 mm	9 mm (12 W)				1326	350	33.8	112	
	36.2 mm	13 mm (21W)				2254	600	33.5	112	
	36.2 mm	15 mm (33 W)				3632	950	34.1	112	
Tunable White Array	36.2 mm	6 mm (5.5 W)	2700K - 5000/6500K ²	90	3	588	150	36.0	109	Dispensed Phosphor
	36.2 mm	9 mm (9 W)	1800 - 3000/4000K ² 2700K - 5000/6500K ²	90, Thrive	3	1166 2254	500/250 500	18.0/34.8 36.0	134	
		13 mm (18 W)							125	
	45.0 mm	15 mm (21 W)	2700K - 5000/6500K ²	90	3	2895 3945 5984 6902	650 900 900 1050	35.5 35.5 53.0 53.0	125	
		18 mm (25 W)							125	
		22 mm (44 W)							125	
		29 mm (54 W)							125	

Notes:

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