

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	640	350	17.0	108	Dispensed Phosphor				
	30.8 mm	9 mm (6 W)				685	350	17.0	115					
	30.8 mm	9 mm (12 W)				1360	350	33.8	115					
	36.2 mm	13 mm (21W)				2315	600	33.5	115					
	36.2 mm	15 mm (33 W)				3725	950	34.1	115					
Tunable White Array	36.2 mm	6 mm (6 W)	2700K - 5000/6500K ²	90	3	600	150	36	111	Dispensed Phosphor				
	36.2 mm	9 mm (9 W)	1800 - 3000/4000K ² 2700K - 5000/6500K ²	90, Thrive	3	1177	500/250	18.0/36.0	128					
		13 mm (18 W)									2312	500	36.0	128
	45.0 mm	15 mm (21 W)	2700K - 5000/6500K ²	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_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