

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 mounting of secondary optics
- 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 Control Modules

Vesta Product	Part Numbers	LES	Power	Integrated Array Diameter	Dimming / Tunable CCT Range DimToWarm Tc=25°C, Tunable White Tc=25°C	CRI	SDCM	Typ. Flux at coolest CCT, 90CRI, Tc=25°C (lm)	Drive Current (mA)	Voltage Tc=25°C (V)	Peak Efficacy Tc=25°C (lm/W)
Dim-To-Warm Integrated Arrays	BXRV-DR-18xxG-0600-A-13-S2	6mm	6W	30.8mm	1800K-2700K/3000K	90	3	581	350	17.0	98
	BXRV-DR-18xxx-1000-G-13-S2	9mm	4W	30.8mm		90.95		438	250	17.0	103
	BXRV-DR-18xxx-1000-A-13-S2	9mm	6W					613	350	17.0	103
	BXRV-DR-18xxx-1000-B-13-S2	9mm	12W					1218	350	33.8	103
	BXRV-DR-18xxx-2000-A-13-S2	13mm	20W	36.2mm		90.95		2238	600	33.5	111
	BXRV-DR-18xxx-3000-A-13-S2	15mm	32W					3306	950	34.1	111
	BXRV-DR-18xxG-4000-A-13-S2	18mm	44W	45.0mm		90		4887	1290	33.8	112
BXRV-DR-18xxG-1K00-A-13-S2	29mm	107W	49.2mm	90	12705	2350	45.6	119			
Tunable White Integrated Arrays	BXRV-TR-27xxG-06A0-A-23-S2	6mm	6W	36.2mm	2700K-5000K/6500K	90	3	566	150	37.0	102
	BXRV-TR-xxxxG-10A0-x-23-S2	9mm	9W	36.2mm	2700K-5000K/6500K 1800K-3000K/4000K	90, Thrive		1040	500 / 250	18.2 / 35.1	118
	BXRV-TR-xxxxG-20A0-A-23-S2	13mm	18W					2119	500	36.3	117
	BXRV-TR-2750G-30A0-A-23-S2	15mm	23W	45.0mm	2700K-5000K/6500K 1800K-4000K	90, Thrive		2812	650	36.2	120
	BXRV-TR-2750G-40A0-A-23-S2	18mm	32W					4026	900	35.8	125
	BXRV-TR-2750G-65A0-A-23-S2	22mm	48W					5966	900	53.6	124
	BXRV-TR-2750G-1KA0-A-23-S2	29mm	55W	49.2mm	2700K-5000K/6500K	90		7350	1050	52.7	133