

## VESTA® SERIE

### Features

Arrays: Comprehensive line of Dim-To-Warm and Tunable White options  
 Arrays: CSP and phosphor dispensed options for premium applications  
 Arrays: Highly efficient designs with typical efficacies up to 135 lm/W  
 Arrays: Wide flux package range available  
 Edge: Slim in-line tunable white module for use in edge lit systems  
 Edge: Excellent color mixing with a very short mixing distance  
 Edge: Metal core PCB for advanced thermal performance  
 Linear: SMD based linear boards for cost effective lighting applications

### Benefits

Superior color dimming transition and color mixing  
 Compact system design  
 Reliable operation through high conductivity substrates  
 High-quality, true color reproduction  
 Ideal for selectable CCT or human centric lighting applications  
 Drop in replacement for 2x2 panel lights and 2x4 troffers  
 Reliable use at elevated currents for greater design flexibility

### Product Specifications

Product (BXRV)	Technology	LES	Tunable CCT Range (85°C)	CRI	Typical Flux Cool CCT (25°C)	Drive Current	Voltage (25°C)	Peak Efficacy 5000K (25°C)
Vesta Series Tunable White Array	CSP	9mm	2700K-5000K	90	1300 lm	700 mA	18.1 V	103 lm/W
Vesta Series Tunable White Array	CSP	13mm	2700K-5000K	90	2600 lm	700 mA	36.0 V	103 lm/W
Vesta Series Tunable White Array Gen2	CSP	9mm	2700K-5000K	90	1385 lm	700 mA	18.1 V	105 lm/W
Vesta Series Tunable White Array Gen2	CSP	13mm	2700K-5000K	90	2750 lm	700 mA	36.0 V	106 lm/W
Vesta Series Tunable	Dispensed Phosphor	9mm	2700K-5000K	90	1177 lm	500 mA	18.0 V	128 lm/W

Product (BXRV)	Technology	LES	Tunable CCT Range (85°C)	CRI	Typical Flux Cool CCT (25°C)	Drive Current	Voltage (25°C)	Peak Efficacy 5000K (25°C)						
White Array Gen 2	Dispensed Phosphor	13mm	2700K-6500K	90	2312 lm	500 mA	35.9 V	128 lm/W						
Vesta Series Tunable White Array Gen 2			2700K-5000K 2700K-6500K											
Vesta Series Tunable White Array Gen 2			15mm						2700K-5000K 2700K-6500K	90	2954 lm	650 mA	35.5 V	128 lm/W
Vesta Series Tunable White Array Gen 2			18mm						2700K-5000K 2700K-6500K	90	4026 lm	900 mA	35.3 V	128 lm/W
Vesta Series Tunable White Array Gen 2			22mm						2700K-5000K 2700K-6500K	90	6106 lm	900 mA	53.0 V	128 lm/W
Vesta Series Tunable White Array Gen 2			29mm						2700K-5000K 2700K-6500K	90	7043 lm	1050 mA	52.4 V	128 lm/W

Product (BXRV)	LES	Dimming CCT Range (25°C)	CRI	SDCM	Typical Flux 3000K (25°C)	Drive Current	Voltage	Peak Efficacy 3000K (25°C)
Vesta® Series Dim-To-Warm Array	9mm	1800K-3000K	90	3	489 lm	250 mA	17.0 V	115 lm/W
Vesta® Series	9mm	1800K-3000K	90	3	684 lm	350 mA	17.0 V	115 lm/W

Product (BXRV)	LES	Dimming CCT Range (25°C)	CRI	SDCM	Typical Flux 3000K (25°C)	Drive Current	Voltage	Peak Efficacy 3000K (25°C)
Dim-To-Warm Array								
Vesta® Series Dim-To-Warm Array	9mm	1800K-3000K	90	3	1360 lm	350 mA	33.8 V	115 lm/W
Vesta® Series Dim-To-Warm Array	13mm	1800K-3000K	90	3	2312 lm	600 mA	33.5 V	115 lm/W
Vesta® Series Dim-To-Warm Array	15mm	1800K-3000K	90	3	3725 lm	950 mA	34.2 V	115 lm/W

Product (BXEB)	Dimensions	Tunable CCT Range (25°C)	CRI	SDCM	Typical Flux 5000K (25°C)	Drive Current	Voltage	Peak Efficacy 5000K (25°C)
Vesta® Series Tunable White Linear	280mm x 31mm	2700K-5000K	90	3	1676 lm	500 mA	24.8 V	135 lm/W
Vesta® Series Tunable White Linear	560mm x 31mm	2700K-5000K	90	3	3352 lm	1000 mA	24.8 V	135 lm/W
Vesta® Series Tunable White Edge	570mm x 6mm	2700K-5000K	90	3	2730 lm	600mA	34.6 V	143 lm/W