

V Series™ HD Gen 8

Bridgelux Differentiation

- 10+ years of driving LED industry transformation
- Global strategic partnerships
- Accredited ENERGY STAR® and application labs
- Broadest portfolio of color points



Features

- Ultra-high lumen density & center beam candle power
- Available in variety of color points including Décor Series™ Class A (CRI 93) and Décor Series™ Ultra (CRI 97)
- Significantly reduced thermal resistance
- Industry leading color over angle uniformity
- Energy Star/ ANSI compliant color binning structure with 2, and 3 SDCM options

Benefits

- Enhanced optical control
- Clean, consistent white light without pixelation
- High quality, true color reproduction
- Reliable use at elevated currents enables greater design flexibility
- Better performance maintenance over time and 2x the lifetime of ceramic metal halides
- Enables compact fixture design, lowers operating costs
- Reduced maintenance costs



Applications

- Retail & Hospitality
- Architectural & Museums
- Industrial & Warehouse
- Residential



Product	CCT Range	CRI	SDCM	Typ Flux (lm)* 3000K 80 CRI	Drive Current (mA)	Voltage (V)	Power (W)	Efficacy (lm/W)* 3000K, 80 CRI	True LES (mm)	Datasheets
V3 HD (FC)	2700K - 6500K	80, 90, 95	3	422	350	11.9	4.2	101	2.9	DS435
V3 HD - A	2200K - 5000K	80, 90, 97	2, 3, 4	396	80	35.2	2.8	141	3.8	DS403
V3 HD - B					160	17.6	2.8			
V4 HD - B	2200K - 5000K	80, 90, 97	2, 3, 4	868	175	36.6	6.4	136	4.8	DS404
V4 HD - C					350	18.3	6.4			
V6 HD - B	2200K - 5700K	80, 90, 97	2, 3, 4	1797	350	36.6	12.8	140	6.6	DS407
V6 HD - G					700	18.3	12.8			
V9 HD	2700K - 5000K	80, 90, 97	2, 3, 4	3630	700	36.6	25.6	142	8.8	DS408

* All measurements are at T_c=25°C

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Bridgelux V Series HD Gen8 Sell Sheet Rev. A (12/2025)

For more information: bridgelux.com
<https://bridgelux.com/products/v-series-hd>

