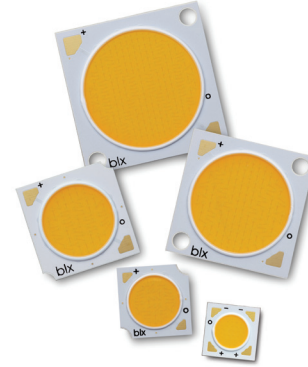


# V Series™ Gen 8

## Bridgelux Differentiation

- 15+ years of driving LED industry transformation
- Industry's broadest portfolio of CCT and CRI options
- IP protected LED innovation
- Vertically integrated global supply chain



## Features and Benefits

- Efficacy of up to 182 lm/W to support luminaire miniaturization trends and efficiency standards
- 3x Overdrive capability with up to 30% increase in lumens per LES size for precision optical control
- Source lumens aligned with traditional lighting requirements to deliver the right light for the right application
- Typical drive currents aligned with industry standards
- Optically and mechanically compatible with previous product generations to simplify upgradability

Product	CCT Range	CRI	SDCM	Typ. Flux* (lm) 3000K, 80CRI	Drive Current (mA)	Voltage* (V)	Efficacy* (lm/W) 3000K, 80CRI	LES (mm)
<b>V8D</b> <b>V8E</b>	2700K-5000K	70, 80, 90	1, 2, 3, 4	880 880	300 150	16.8 33.5	175	8
<b>V10B</b> <b>V10C</b>	2700K-6500K	70, 80, 90	1, 2, 3, 4	1183 1614	200 300	34.2 30.7	175	10
<b>V13B</b> <b>V13C</b>	2700K-6500K	70, 80, 90	1, 2, 3, 4	2080 2970	350 500	33.4 33.4	178	13
<b>V15D</b>	2700K-6500K	70, 80, 90	1, 2, 3, 4	3010	500	33.7	178	15
<b>V18B</b> <b>V18C</b>	2700K-6500K	70, 80, 90	1, 2, 3, 4	4219 6257	700 1050	33.9 33.9	178	18
<b>V22B</b> <b>V22C</b> <b>V22D</b>	2700K-6500K	70, 80, 90	1, 2, 3, 4	8682 11080 6407	950 1200 1050	50.2 50.7 33.5	182	22

\* All measurements are at T<sub>c</sub>=25°C

# Vero<sup>®</sup> & Vero<sup>®</sup> SE Series Gen 8

## Bridgelux Differentiation

- 15+ years of driving LED industry transformation
- Industry's broadest portfolio of CCT and CRI options
- IP protected LED innovation
- Vertically integrated global supply chain



## Features

- On-board connector port or poke-in connectivity
- Efficacy of up to 185 lm/W typical
- 3x Overdrive capability
- Source lumens aligned with traditional lighting requirements
- Typical drive currents aligned with industry standards
- Optically and mechanically compatible with previous product generations

## Benefits

- Solderless connectivity for plug & play installation
- 30% increase in lumens per LES size for precision optical control
- Delivers the right light for the right application
- Reduced system costs
- Simplified upgradability leveraging existing ecosystem components



## Applications

- Residential
- Building Exterior
- Landscape
- Healthcare
- Roadway
- Area & Parking Lot
- Retail & Hospitality
- Architectural & Museums
- Office & Education
- Industrial & Warehouse



Product	CCT Range	CRI	SDCM	Typ. Flux (lm)* 3000K, 80CRI	Drive Current (mA)	Voltage* (V)	Efficacy (lm/W)* 3000K, 80CRI	LES (mm)
<b>Vero/Vero SE 10B</b> <b>Vero/Vero SE 10C</b> <b>Vero/Vero SE 10D</b>	2700K-6500K	70, 80, 90	2, 3, 4	1183 1614 1096	200 300 250	34.2 30.7 24.9	175	10
<b>Vero/Vero SE 13B</b> <b>Vero/Vero SE 13C</b> <b>Vero/Vero SE 13D</b>	2700K-6500K	70, 80, 90	2, 3, 4	2080 2970 2195	350 500 400	33.4 33.4 30.9	178	13
<b>Vero/Vero SE 18B</b> <b>Vero/Vero SE 18C</b> <b>Vero/Vero SE 18D</b>	2700K-6500K	70, 80, 90	2, 3, 4	4219 6257 4255	700 1050 850	33.9 33.9 28.2	178	18
<b>Vero/Vero SE 29B</b> <b>Vero/Vero SE 29C</b> <b>Vero/Vero SE 29D</b>	2700K-6500K	70, 80, 90	2, 3, 4	13000 16040 11444	1400 1300 1700	50.2 66.7 36.4	185	29

\*All measurements are at T<sub>c</sub>=25°C. Flux and efficacy values are listed for Vero Series products. Flux and efficacy values for Vero SE products are up to 3% lower than Vero Series products.