

Product Catalog
2017



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We build light that transforms.

At Bridgelux, we help companies, industries and people experience the power and possibility of light. Since 2002, we've designed solid-state lighting solutions that are high performance, energy efficient, cost effective and easy to integrate.

The industry is changing. We keep you ahead.

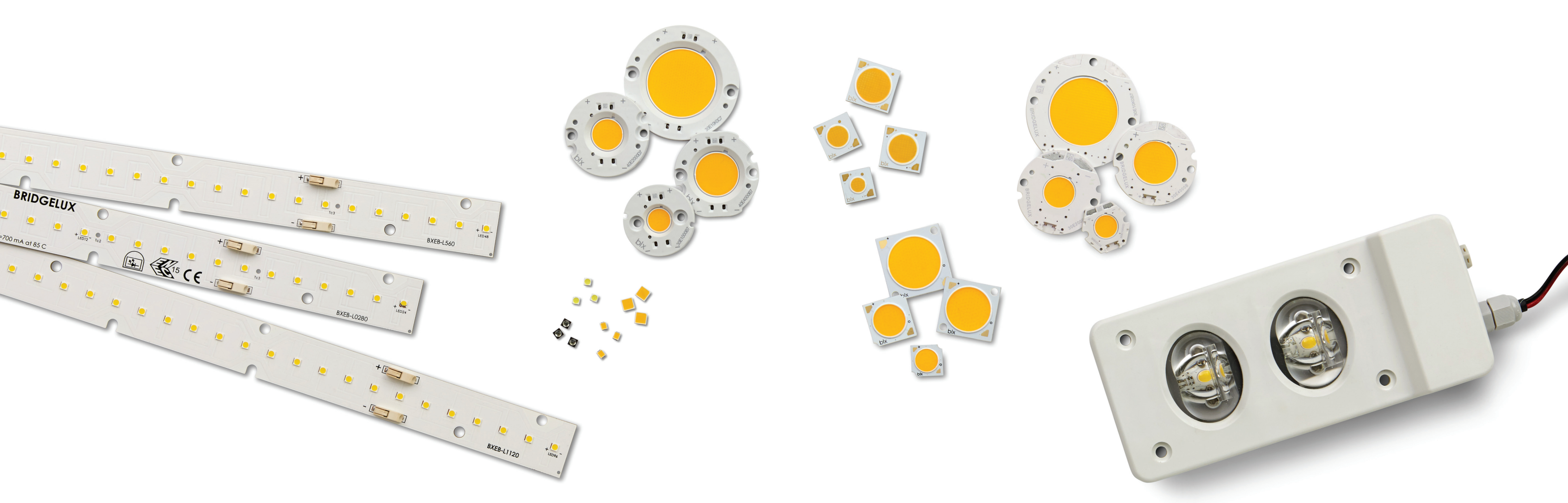
It's a rapidly growing market, and everything we do is focused on understanding the impact of light on human behavior, and delivering products that create better environments and experiences.

From our successful Vero® Series to our latest SMD products, Bridgelux is driving new platforms on a global basis. As a vertically integrated company, our process is agile so we can quickly scale to address our customers' needs whether they're a lighting specifier, fixture manufacturer or luminaire distributor.

We are dedicated to the quality of light.

- 15 years of driving industry transformation
- 1500+ global customers
- Technology leader with 1000+ patents licensed
- Customer centric, vertically integrated expertise
- Trusted partner for application services and testing
- Application specific white points
- Ultra-high CRI and Class A white points*
- Industry leading Rgs*
- First and only LED light source warranty for Vero® Series
- Zhaga and DLC Premium compatible*
- World-class application support services
- Worldwide industry association memberships
- Extensive ecosystem partner network

*Select products



Bridgelux Family of Products

		RETAIL & HOSPITALITY	OFFICE & EDUCATION	HEALTHCARE	RESIDENTIAL
ARRAYS	Vero® Series				
	Vero® SE Series				
	V Series™				
	H Series™				
MODULES & SUBSYSTEMS	OLM Series™				
	Vesta™ Series				
	EB Series™				
SURFACE MOUNT	SMD Products				
	IR Emitters				

SECURITY INDOOR	ARCHITECTURAL & MUSEUMS	INDUSTRIAL & WAREHOUSE	ENTERTAINMENT	FOOD	AREA & PARKING LOT	BUILDING EXTERIOR	SECURITY OUTDOOR	LANDSCAPE	ROADWAY

Vero® Series

COMING SOON
160+
lm/W



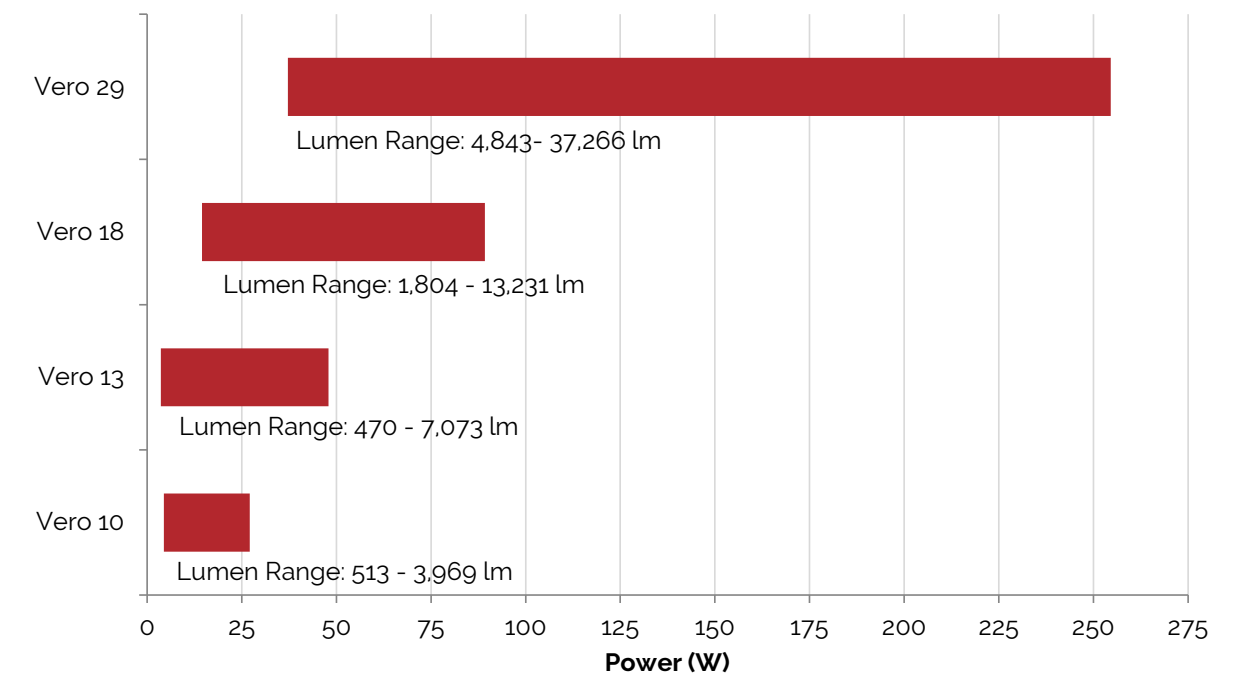
FEATURES


- On-board connector port
- Efficacy 155 lm/W typical
- 1,000 to 21,000 typical lumen packages
- 36V across a variety of form factors
- Expansive color portfolio: 65-97 CRI, Class A and application specific color points
- Thermally isolated solder pads

BENEFITS


- Solderless connectivity for plug & play installation
- True color reproduction
- Pure, bright and consistent white light
- Industry standard electrical compatibility
- Color options for general lighting to high-end retail and luxury applications
- Facilitates soldering

WATTAGE AND FLUX RANGES (NOMINAL TO MAXIMUM)



Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)
 Vero 10	BXRC-27E1000-B-7x	2700	80	270	1348	34.8	9.4	143	0.49	1213
	BXRC-27E1000-C-7x		80	360	1797	34.8	12.5	143	0.37	1617
	BXRC-27E1000-D-7x		80	350	1310	26.0	9.1	144	0.49	1179
	BXRC-27G1000-B-7x		90	270	1124	34.8	9.4	120	0.49	1012
	BXRC-27G1000-C-7x		90	360	1498	34.8	12.5	120	0.37	1348
	BXRC-27G1000-D-7x		90	350	1092	26.0	9.1	120	0.49	983
	BXRC-30E1000-B-7x	3000	80	270	1418	34.8	9.4	151	0.49	1276
	BXRC-30E1000-C-7x		80	360	1890	34.8	12.5	151	0.37	1701
	BXRC-30E1000-D-7x		80	350	1365	26.0	9.1	150	0.49	1229
	BXRC-30G1000-B-7x		90	270	1166	34.8	9.4	124	0.49	1049
	BXRC-30G1000-C-7x		90	360	1554	34.8	12.5	124	0.37	1399
	BXRC-30G1000-D-7x		90	350	1133	26.0	9.1	125	0.49	1020
	BXRC-35E1000-B-7x	3500	80	270	1447	34.8	9.4	154	0.49	1302
	BXRC-35E1000-C-7x		80	360	1928	34.8	12.5	154	0.37	1735
	BXRC-35E1000-D-7x		80	350	1406	26.0	9.1	155	0.49	1265
	BXRC-35G1000-B-7x		90	270	1208	34.8	9.4	129	0.49	1087
	BXRC-35G1000-C-7x		90	360	1610	34.8	12.5	129	0.37	1449
	BXRC-35G1000-D-7x		90	350	1174	26.0	9.1	129	0.49	1057
	BXRC-40E1000-B-7x	4000	80	270	1461	34.8	9.4	155	0.49	1315
	BXRC-40E1000-C-7x		80	360	1947	34.8	12.5	155	0.37	1752
	BXRC-40E1000-D-7x		80	350	1420	26.0	9.1	156	0.49	1278
	BXRC-40G1000-B-7x		90	270	1250	34.8	9.4	133	0.49	1125
	BXRC-40G1000-C-7x		90	360	1666	34.8	12.5	133	0.37	1499
	BXRC-40G1000-D-7x		90	350	1215	26.0	9.1	134	0.49	1094
	BXRC-50C1001-B-74	5000	70	270	1601	34.8	9.4	170	0.49	1441
	BXRC-50C1001-C-74		70	360	2134	34.8	12.5	170	0.37	1921
	BXRC-50C1001-D-74		70	350	1556	26.0	9.1	171	0.49	1400
	BXRC-50E1001-B-74		80	270	1505	34.8	9.4	160	0.49	1355
	BXRC-50E1001-C-74		80	360	2006	34.8	12.5	160	0.37	1805
	BXRC-50E1001-D-74		80	350	1463	26.0	9.1	161	0.49	1317
	BXRC-50G1001-B-74		90	270	1281	34.8	9.4	136	0.49	1153
	BXRC-50G1001-C-74		90	360	1707	34.8	12.5	136	0.37	1536
	BXRC-50G1001-D-74		90	350	1245	26.0	9.1	137	0.49	1121
	BXRC-57C1001-B-74		5700	70	270	1545	34.8	9.4	164	0.49
	BXRC-57C1001-C-74	70		360	2059	34.8	12.5	164	0.37	1853
	BXRC-57C1001-D-74	70		350	1502	26.0	9.1	165	0.49	1352
	BXRC-57E1001-B-74	80		270	1531	34.8	9.4	163	0.49	1378
	BXRC-57E1001-C-74	80		360	2040	34.8	12.5	163	0.37	1836
	BXRC-57E1001-D-74	80		350	1488	26.0	9.1	164	0.49	1339
	BXRC-65C1001-B-74	6500	70	270	1573	34.8	9.4	167	0.49	1416
BXRC-65C1001-C-74	70		360	2097	34.8	12.5	167	0.37	1887	
BXRC-65C1001-D-74	70		350	1529	26.0	9.1	168	0.49	1376	
BXRC-65E1001-B-74	80		270	1559	34.8	9.4	166	0.49	1403	
BXRC-65E1001-C-74	80		360	2078	34.8	12.5	166	0.37	1870	
BXRC-65E1001-D-74	80		350	1515	26.0	9.1	166	0.49	1364	

Note: Please refer to product data sheets online for additional performance data

Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)
 Vero 13	BXRC-27E2000-B-7x	2700	80	450	2323	34.8	15.7	148	0.28	2091
	BXRC-27E2000-C-7x		80	630	3251	34.8	21.9	148	0.20	2926
	BXRC-27E2000-D-7x		80	500	2365	31.8	15.9	149	0.34	2129
	BXRC-27G2000-B-7x		90	450	1936	34.8	15.7	124	0.28	1742
	BXRC-27G2000-C-7x		90	630	2709	34.8	21.9	124	0.20	2438
	BXRC-27G2000-D-7x		90	500	1971	31.8	15.9	124	0.34	1774
	BXRC-30E2000-B-7x	3000	80	450	2441	34.8	15.7	156	0.28	2197
	BXRC-30E2000-C-7x		80	630	3418	34.8	21.9	156	0.20	3076
	BXRC-30E2000-D-7x		80	500	2480	31.8	15.9	156	0.34	2232
	BXRC-30G2000-B-7x		90	450	2008	34.8	15.7	128	0.28	1807
	BXRC-30G2000-C-7x		90	630	2811	34.8	21.9	128	0.20	2530
	BXRC-30G2000-D-7x		90	500	2045	31.8	15.9	129	0.34	1841
	BXRC-35E2000-B-7x	3500	80	450	2492	34.8	15.7	159	0.28	2243
	BXRC-35E2000-C-7x		80	630	3488	34.8	21.9	159	0.20	3139
	BXRC-35E2000-D-7x		80	500	2538	31.8	15.9	160	0.34	2284
	BXRC-35G2000-B-7x		90	450	2081	34.8	15.7	133	0.28	1873
	BXRC-35G2000-C-7x		90	630	2913	34.8	21.9	133	0.20	2622
	BXRC-35G2000-D-7x		90	500	2119	31.8	15.9	133	0.34	1907
	BXRC-40E2000-B-7x	4000	80	450	2516	34.8	15.7	161	0.28	2264
	BXRC-40E2000-C-7x		80	630	3522	34.8	21.9	161	0.20	3170
	BXRC-40E2000-D-7x		80	500	2562	31.8	15.9	161	0.34	2306
	BXRC-40G2000-B-7x		90	450	2153	34.8	15.7	137	0.28	1938
	BXRC-40G2000-C-7x		90	630	3014	34.8	21.9	137	0.20	2713
	BXRC-40G2000-D-7x		90	500	2193	31.8	15.9	138	0.34	1974
	BXRC-50C2001-B-74	5000	70	450	2758	34.8	15.7	176	0.28	2482
	BXRC-50C2001-C-74		70	630	3861	34.8	21.9	176	0.20	3475
	BXRC-50C2001-D-74		70	500	2809	31.8	15.9	177	0.34	2528
	BXRC-50E2001-B-74		80	450	2593	34.8	15.7	166	0.28	2334
	BXRC-50E2001-C-74		80	630	3629	34.8	21.9	166	0.20	3266
	BXRC-50E2001-D-74		80	500	2640	31.8	15.9	166	0.34	2376
	BXRC-50G2001-B-74		90	450	2207	34.8	15.7	141	0.28	1986
	BXRC-50G2001-C-74		90	630	3089	34.8	21.9	141	0.2	2780
	BXRC-50G2001-D-74		90	500	2247	31.8	15.9	141	0.34	2022
	BXRC-57C2001-B-74		5700	70	450	2662	34.8	15.7	170	0.28
	BXRC-57C2001-C-74	70		630	3725	34.8	21.9	170	0.20	3353
	BXRC-57C2001-D-74	70		500	2710	31.8	15.9	170	0.34	2439
	BXRC-57E2001-B-74	80		450	2637	34.8	15.7	168	0.28	2373
	BXRC-57E2001-C-74	80		630	3692	34.8	21.9	168	0.2	3323
	BXRC-57E2001-D-74	80		500	2685	31.8	15.9	169	0.34	2417
	BXRC-65C2001-B-74	6500	70	450	2710	34.8	15.7	173	0.28	2439
BXRC-65C2001-C-74	70		630	3793	34.8	21.9	173	0.20	3414	
BXRC-65C2001-D-74	70		500	2759	31.8	15.9	174	0.34	2483	
BXRC-65E2001-B-74	80		450	2686	34.8	15.7	172	0.28	2417	
BXRC-65E2001-C-74	80		630	3759	34.8	21.9	171	0.20	3383	
BXRC-65E2001-D-74	80		500	2735	31.8	15.9	172	0.34	2462	

Note: Please refer to product data sheets online for additional performance data

Vero® SE Series

COMING SOON
160+
lm/W



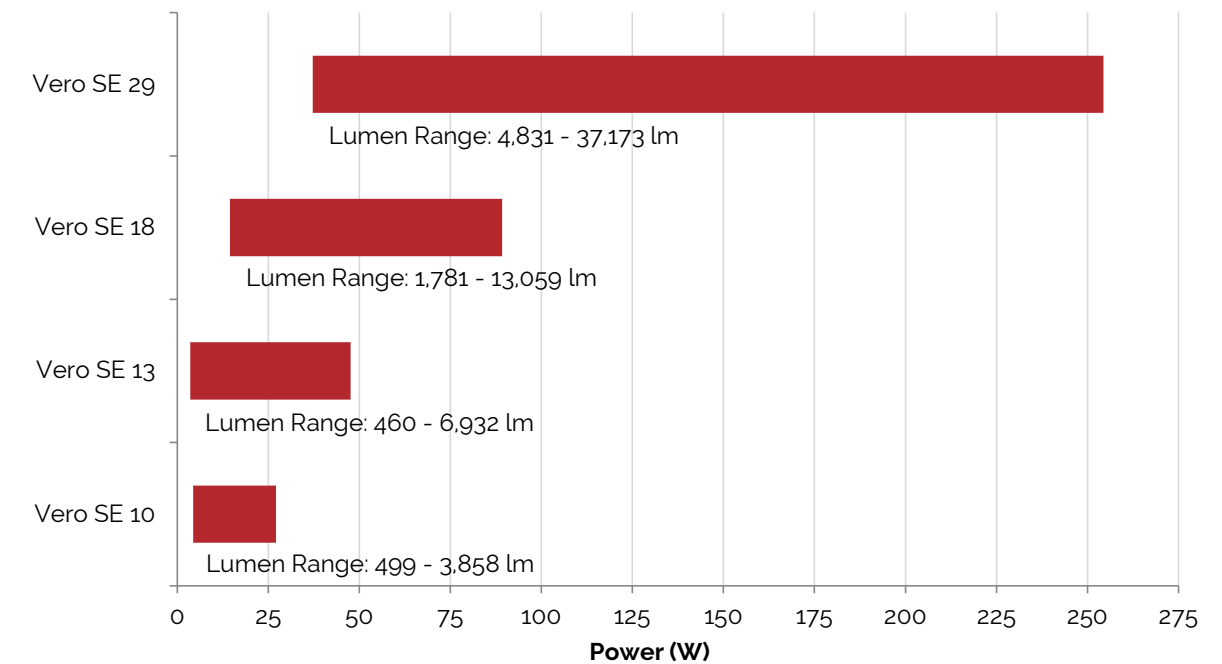
FEATURES


- Poke-in connectivity
- No exposed solder pads or electrical connections
- Efficacy of 153 lm/W typical
- 1,000 to 21,000 typical lumen packages
- Industry standard 36V across a variety of form factors
- Expansive color portfolio: 65-97 CRI, Class A and application specific color points

BENEFITS


- Poke-in connectivity enables solderless, connector free installation
- Ability to configure multiple arrays in series and parallel reduces customer driver cost
- High-quality, true color reproduction
- Flexibility in design optimization
- Industry standard electrical compatibility
- Color options for general lighting to high-end retail and luxury applications

WATTAGE AND FLUX RANGES (NOMINAL TO MAXIMUM)




Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)	
	BXRC-27E1000-B-7x-SE	2700	80	270	1311	34.8	9.4	139	0.49	1180	
	BXRC-27E1000-C-7x-SE		80	360	1747	34.8	12.5	139	0.37	1572	
	BXRC-27E1000-D-7x-SE		80	350	1274	26.0	9.1	140	0.49	1147	
	BXRC-27G1000-B-7x-SE		90	270	1092	34.8	9.4	116	0.49	983	
	BXRC-27G1000-C-7x-SE		90	360	1456	34.8	12.5	116	0.37	1310	
	BXRC-27G1000-D-7x-SE		90	350	1061	26.0	9.1	117	0.49	955	
	BXRC-30E1000-B-7x-SE	3000	80	270	1378	34.8	9.4	146	0.49	1240	
	BXRC-30E1000-C-7x-SE		80	360	1837	34.8	12.5	146	0.37	1653	
	BXRC-30E1000-D-7x-SE		80	350	1327	26.0	9.1	146	0.49	1194	
	BXRC-30G1000-B-7x-SE		90	270	1133	34.8	9.4	120	0.49	1020	
	BXRC-30G1000-C-7x-SE		90	360	1510	34.8	12.5	120	0.37	1359	
	BXRC-30G1000-D-7x-SE		90	350	1101	26.0	9.1	121	0.49	991	
	BXRC-35E1000-B-7x-SE	3500	80	270	1406	34.8	9.4	149	0.49	1265	
	BXRC-35E1000-C-7x-SE		80	360	1874	34.8	12.5	149	0.37	1687	
	BXRC-35E1000-D-7x-SE		80	350	1367	26.0	9.1	150	0.49	1230	
	BXRC-35G1000-B-7x-SE		90	270	1174	34.8	9.4	124	0.49	1057	
	BXRC-35G1000-C-7x-SE		90	360	1565	34.8	12.5	124	0.37	1409	
	BXRC-35G1000-D-7x-SE		90	350	1141	26.0	9.1	125	0.49	1027	
	BXRC-40E1000-B-7x-SE	4000	80	270	1420	34.8	9.4	150	0.49	1278	
	BXRC-40E1000-C-7x-SE		80	360	1892	34.8	12.5	150	0.37	1703	
	BXRC-40E1000-D-7x-SE		80	350	1380	26.0	9.1	152	0.49	1242	
	BXRC-40G1000-B-7x-SE		90	270	1215	34.8	9.4	129	0.49	1094	
	BXRC-40G1000-C-7x-SE		90	360	1619	34.8	12.5	128	0.37	1457	
	BXRC-40G1000-D-7x-SE		90	350	1181	26.0	9.1	130	0.49	1063	
	BXRC-50C1001-B-74-SE	5000	70	270	1556	34.8	9.4	165	0.49	1400	
	BXRC-50C1001-C-74-SE		70	360	2074	34.8	12.5	165	0.37	1867	
	BXRC-50C1001-D-74-SE		70	350	1513	26.0	9.1	166	0.49	1362	
	BXRC-50E1001-B-74-SE		80	270	1463	34.8	9.4	155	0.49	1317	
	BXRC-50E1001-C-74-SE		80	360	1950	34.8	12.5	155	0.37	1755	
	BXRC-50E1001-D-74-SE		80	350	1422	26.0	9.1	156	0.49	1280	
	BXRC-50G1001-B-74-SE		90	270	1245	34.8	9.4	132	0.49	1121	
	BXRC-50G1001-C-74-SE		90	360	1659	34.8	12.5	132	0.37	1493	
	BXRC-50G1001-D-74-SE		90	350	1210	26.0	9.1	133	0.49	1089	
	BXRC-57C1001-B-74-SE		5700	70	270	1502	34.8	9.4	159	0.49	1352
	BXRC-57C1001-C-74-SE			70	360	2002	34.8	12.5	159	0.37	1802
	BXRC-57C1001-D-74-SE			70	350	1459	26.0	9.1	160	0.49	1313
	BXRC-57E1001-B-74-SE	80		270	1488	34.8	9.4	157	0.49	1339	
	BXRC-57E1001-C-74-SE	80		360	1983	34.8	12.5	157	0.37	1785	
	BXRC-57E1001-D-74-SE	80		350	1446	26.0	9.1	159	0.49	1301	
	BXRC-65C1001-B-74-SE	6500	70	270	1529	34.8	9.4	162	0.49	1376	
	BXRC-65C1001-C-74-SE		70	360	2038	34.8	12.5	162	0.37	1834	
	BXRC-65C1001-D-74-SE		70	350	1486	26.0	9.1	163	0.49	1337	
	BXRC-65E1001-B-74-SE		80	270	1515	34.8	9.4	160	0.49	1364	
	BXRC-65E1001-C-74-SE		80	360	2020	34.8	12.5	160	0.37	1818	
	BXRC-65E1001-D-74-SE		80	350	1473	26.0	9.1	162	0.49	1326	


Note: Please refer to product data sheets online for additional performance data

Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)	
	BXRC-27E2000-B-7x-SE	2700	80	450	2276	34.8	15.7	145	0.28	2048	
	BXRC-27E2000-C-7x-SE		80	630	3186	34.8	21.9	144	0.20	2867	
	BXRC-27E2000-D-7x-SE		80	500	2318	31.8	15.9	146	0.34	2086	
	BXRC-27G2000-B-7x-SE		90	450	1897	34.8	15.7	120	0.28	1707	
	BXRC-27G2000-C-7x-SE		90	630	2655	34.8	21.9	120	0.20	2390	
	BXRC-27G2000-D-7x-SE		90	500	1932	31.8	15.9	122	0.34	1739	
	BXRC-30E2000-B-7x-SE	3000	80	450	2372	34.8	15.7	151	0.28	2135	
	BXRC-30E2000-C-7x-SE		80	630	3319	34.8	21.9	151	0.20	2987	
	BXRC-30E2000-D-7x-SE		80	500	2415	31.8	15.9	152	0.34	2174	
	BXRC-30G2000-B-7x-SE		90	270	1968	34.8	9.4	208	0.28	1771	
	BXRC-30G2000-C-7x-SE		90	270	2755	34.8	9.4	292	0.20	2480	
	BXRC-30G2000-D-7x-SE		90	500	2004	31.8	15.9	126	0.34	1804	
	BXRC-35E2000-B-7x-SE	3500	80	450	2442	34.8	15.7	155	0.28	2198	
	BXRC-35E2000-C-7x-SE		80	630	3419	34.8	21.9	155	0.20	3077	
	BXRC-35E2000-D-7x-SE		80	500	2487	31.8	15.9	156	0.34	2238	
	BXRC-35G2000-B-7x-SE		90	450	2039	34.8	15.7	129	0.28	1835	
	BXRC-35G2000-C-7x-SE		90	630	2854	34.8	21.9	129	0.20	2569	
	BXRC-35G2000-D-7x-SE		90	500	2076	31.8	15.9	131	0.34	1868	
	BXRC-40E2000-B-7x-SE	4000	80	450	2466	34.8	15.7	157	0.28	2219	
	BXRC-40E2000-C-7x-SE		80	630	3452	34.8	21.9	157	0.20	3107	
	BXRC-40E2000-D-7x-SE		80	500	2511	31.8	15.9	158	0.34	2260	
	BXRC-40G2000-B-7x-SE		90	450	2110	34.8	15.7	134	0.28	1899	
	BXRC-40G2000-C-7x-SE		90	630	2954	34.8	21.9	134	0.20	2659	
	BXRC-40G2000-D-7x-SE		90	500	2149	31.8	15.9	135	0.34	1934	
	BXRC-50C2001-B-74-SE	5000	70	450	2703	34.8	15.7	172	0.28	2433	
	BXRC-50C2001-C-74-SE		70	630	3784	34.8	21.9	172	0.20	3406	
	BXRC-50C2001-D-74-SE		70	500	2752	31.8	15.9	173	0.34	2477	
	BXRC-50E2001-B-74-SE		80	450	2541	34.8	15.7	161	0.28	2287	
	BXRC-50E2001-C-74-SE		80	630	3557	34.8	21.9	161	0.20	3201	
	BXRC-50E2001-D-74-SE		80	500	2587	31.8	15.9	163	0.34	2328	
	BXRC-50G2001-B-74-SE		90	450	2162	34.8	15.7	137	0.28	1946	
	BXRC-50G2001-C-74-SE		90	630	3027	34.8	21.9	137	0.20	2724	
	BXRC-50G2001-D-74-SE		90	500	2202	31.8	15.9	138	0.34	1982	
	BXRC-57C2001-B-74-SE		5700	70	450	2608	34.8	15.7	166	0.28	2347
	BXRC-57C2001-C-74-SE			70	630	3651	34.8	21.9	166	0.20	3286
	BXRC-57C2001-D-74-SE			70	500	2656	31.8	15.9	167	0.34	2390
	BXRC-57E2001-B-74-SE	80		450	2585	34.8	15.7	164	0.28	2327	
	BXRC-57E2001-C-74-SE	80		630	3618	34.8	21.9	164	0.20	3256	
	BXRC-57E2001-D-74-SE	80		500	2632	31.8	15.9	166	0.34	2369	
	BXRC-65C2001-B-74-SE	6500	70	450	2656	34.8	15.7	169	0.28	2390	
	BXRC-65C2001-C-74-SE		70	630	3717	34.8	21.9	169	0.20	3345	
	BXRC-65C2001-D-74-SE		70	500	2704	31.8	15.9	170	0.34	2434	
	BXRC-65E2001-B-74-SE		80	450	2632	34.8	15.7	167	0.28	2369	
	BXRC-65E2001-C-74-SE		80	630	3684	34.8	21.9	167	0.20	3316	
	BXRC-65E2001-D-74-SE		80	500	2680	31.8	15.9	169	0.34	2412	

Note: Please refer to product data sheets online for additional performance data

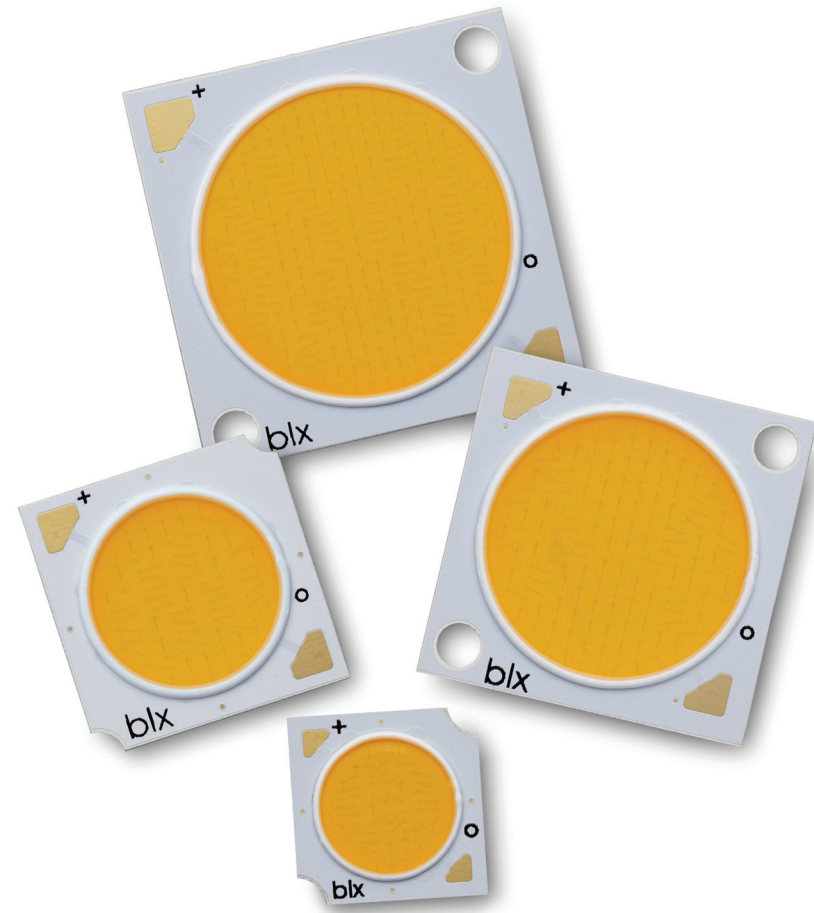
Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C/W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)	
 Vero SE 18	BXRC-27E4000-B-7x-SE	2700	80	900	4584	34.8	31.3	146	0.15	4126	
	BXRC-27E4000-C-7x-SE		80	1170	5960	34.8	40.7	146	0.11	5364	
	BXRC-27E4000-D-7x-SE		80	1050	4457	29.0	30.5	146	0.16	4011	
	BXRC-27G4000-B-7x-SE		90	900	3820	34.8	31.3	121	0.15	3438	
	BXRC-27G4000-C-7x-SE		90	1170	4967	34.8	40.7	121	0.11	4470	
	BXRC-27G4000-D-7x-SE		90	1050	3714	29.0	30.5	122	0.16	3343	
	BXRC-30E4000-B-7x-SE	3000	80	900	4819	34.8	31.3	153	0.15	4337	
	BXRC-30E4000-C-7x-SE		80	1170	6265	34.8	40.7	153	0.11	5639	
	BXRC-30E4000-D-7x-SE		80	1050	4658	29.0	30.5	153	0.16	4192	
	BXRC-30G4000-B-7x-SE		90	900	3963	34.8	31.3	126	0.15	3567	
	BXRC-30G4000-C-7x-SE		90	1170	5153	34.8	40.7	126	0.11	4638	
	BXRC-30G4000-D-7x-SE		90	1050	3853	29.0	30.5	127	0.16	3468	
	BXRC-35E4000-B-7x-SE	3500	80	900	4918	34.8	31.3	156	0.15	4426	
	BXRC-35E4000-C-7x-SE		80	1170	6394	34.8	40.7	156	0.11	5755	
	BXRC-35E4000-D-7x-SE		80	1050	4782	29.0	30.5	157	0.16	4304	
	BXRC-35G4000-B-7x-SE		90	900	4106	34.8	31.3	130	0.15	3695	
	BXRC-35G4000-C-7x-SE		90	1170	5339	34.8	40.7	130	0.11	4805	
	BXRC-35G4000-D-7x-SE		90	1050	3992	29.0	30.5	131	0.16	3593	
	BXRC-40E4000-B-7x-SE	4000	80	900	4966	34.8	31.3	158	0.15	4469	
	BXRC-40E4000-C-7x-SE		80	1170	6456	34.8	40.7	158	0.11	5810	
	BXRC-40E4000-D-7x-SE		80	1050	4828	29.0	30.5	159	0.16	4345	
	BXRC-40G4000-B-7x-SE		90	900	4249	34.8	31.3	135	0.15	3824	
	BXRC-40G4000-C-7x-SE		90	1170	5525	34.8	40.7	135	0.11	4973	
	BXRC-40G4000-D-7x-SE		90	1050	4132	29.0	30.5	136	0.16	3719	
	BXRC-50C4001-B-74-SE	5000	70	900	5443	34.8	31.3	173	0.15	4899	
	BXRC-50C4001-C-74-SE		70	1170	7077	34.8	40.7	173	0.11	6369	
	BXRC-50C4001-D-74-SE		70	1050	5292	29.0	30.5	174	0.16	4763	
	BXRC-50E4001-B-74-SE		80	900	5117	34.8	31.3	162	0.15	4605	
	BXRC-50E4001-C-74-SE		80	1170	6653	34.8	40.7	162	0.11	5988	
	BXRC-50E4001-D-74-SE		80	1050	4975	29.0	30.5	163	0.16	4478	
	BXRC-50G4001-B-74-SE		90	900	4354	34.8	31.3	138	0.15	3919	
	BXRC-50G4001-C-74-SE		90	1170	5662	34.8	40.7	138	0.11	5096	
	BXRC-50G4001-D-74-SE		90	1050	4234	29.0	30.5	139	0.16	3811	
	BXRC-57C4001-B-74-SE		5700	70	900	5252	34.8	31.3	167	0.15	4727
	BXRC-57C4001-C-74-SE			70	1170	6829	34.8	40.7	167	0.11	6146
	BXRC-57C4001-D-74-SE			70	1050	5107	29.0	30.5	168	0.16	4596
	BXRC-57E4001-B-74-SE	80		900	5204	34.8	31.3	165	0.15	4684	
	BXRC-57E4001-C-74-SE	80		1170	6767	34.8	40.7	165	0.11	6090	
	BXRC-57E4001-D-74-SE	80		1050	5060	29.0	30.5	166	0.16	4554	
	BXRC-65C4001-B-74-SE	6500	70	900	5348	34.8	31.3	170	0.15	4813	
	BXRC-65C4001-C-74-SE		70	1170	6953	34.8	40.7	170	0.11	6258	
	BXRC-65C4001-D-74-SE		70	1050	5199	29.0	30.5	171	0.16	4679	
	BXRC-65E4001-B-74-SE		80	900	5300	34.8	31.3	168	0.15	4770	
	BXRC-65E4001-C-74-SE		80	1170	6891	34.8	40.7	168	0.11	6202	
	BXRC-65E4001-D-74-SE		80	1050	5153	29.0	30.5	169	0.16	4638	

Note: Please refer to product data sheets online for additional performance data

Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C/W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)	
 Vero SE 29	BXRC-27E10K0-B-7x-SE	2700	80	1800	13899	52.0	93.6	148	0.06	12509	
	BXRC-27E10K0-C-7x-SE		80	1710	17605	69.4	118.7	148	0.04	15845	
	BXRC-27E10K0-D-7x-SE		80	2100	11711	37.6	79.0	148	0.06	10540	
	BXRC-27G10K0-B-7x-SE		90	1800	11582	52.0	93.6	124	0.06	10424	
	BXRC-27G10K0-C-7x-SE		90	1710	14671	69.4	118.7	124	0.04	13204	
	BXRC-27G10K0-D-7x-SE		90	2100	9875	52.0	109.2	125	0.06	8888	
	BXRC-30E10K0-B-7x-SE ^{DLC+*}	3000	80	1800	14478	52.0	93.6	155	0.06	13030	
	BXRC-30E10K0-C-7x-SE ^{DLC+*}		80	1710	18339	69.4	118.7	155	0.04	16505	
	BXRC-30E10K0-D-7x-SE ^{DLC+*}		80	2100	12565	37.6	79.0	159	0.06	11309	
	BXRC-30G10K0-B-7x-SE		90	1800	12017	52.0	93.6	128	0.06	10815	
	BXRC-30G10K0-C-7x-SE		90	1710	15221	69.4	118.7	128	0.04	13699	
	BXRC-30G10K0-D-7x-SE		90	2100	10125	37.6	79.0	128	0.06	9113	
	BXRC-35E10K0-B-7x-SE ^{DLC+*}	3500	80	1800	14912	52.0	93.6	159	0.06	13421	
	BXRC-35E10K0-C-7x-SE ^{DLC+*}		80	1710	18889	69.4	118.7	159	0.04	17000	
	BXRC-35E10K0-D-7x-SE ^{DLC+*}		80	2100	12565	37.6	79.0	159	0.06	11309	
	BXRC-35G10K0-B-7x-SE		90	1800	12451	52.0	93.6	133	0.06	11206	
	BXRC-35G10K0-C-7x-SE		90	1710	15771	69.4	118.7	133	0.04	14194	
	BXRC-35G10K0-D-7x-SE		90	2100	10491	37.6	79.0	133	0.06	9442	
	BXRC-40E10K0-B-7x-SE ^{DLC+*}	4000	80	1800	15057	52.0	93.6	161	0.06	13551	
	BXRC-40E10K0-C-7x-SE ^{DLC+*}		80	1710	19072	69.4	118.7	161	0.04	17165	
	BXRC-40E10K0-D-7x-SE ^{DLC+*}		80	2100	12687	37.6	79.0	161	0.06	11418	
	BXRC-40G10K0-B-7x-SE		90	1800	12885	52.0	93.6	138	0.06	11597	
	BXRC-40G10K0-C-7x-SE		90	1710	16321	69.4	118.7	138	0.04	14689	
	BXRC-40G10K0-D-7x-SE		90	2100	10857	37.6	79.0	138	0.06	9771	
	BXRC-50C10K1-B-74-SE ^{DLC+*}	5000	70	1800	16505	52.0	93.6	176	0.06	14855	
	BXRC-50C10K1-C-74-SE ^{DLC+*}		70	1710	20906	69.4	118.7	176	0.04	18815	
	BXRC-50C10K1-D-74-SE ^{DLC+*}		70	2100	13907	37.6	79.0	176	0.06	12516	
	BXRC-50E10K1-B-74-SE ^{DLC+*}		80	1800	15515	52.0	93.6	166	0.06	13964	
	BXRC-50E10K1-C-74-SE ^{DLC+*}		80	1710	19652	69.4	118.7	166	0.04	17687	
	BXRC-50E10K1-D-74-SE ^{DLC+*}		80	2100	13072	37.6	79.0	166	0.06	11765	
	BXRC-50G10K1-B-74-SE		90	1800	13204	52.0	93.6	141	0.06	11884	
	BXRC-50G10K1-C-74-SE		90	1710	16725	69.4	118.7	141	0.04	15053	
	BXRC-50G10K1-D-74-SE		90	2100	11125	37.6	79.0	141	0.06	10013	
	BXRC-57C10K1-B-74-SE ^{DLC+*}		5700	70	1800	15926	52.0	93.6	170	0.06	14333
	BXRC-57C10K1-C-74-SE ^{DLC+*}			70	1710	20172	69.4	118.7	170	0.04	18155
	BXRC-57C10K1-D-74-SE ^{DLC+*}			70	2100	13419	37.6	79.0	170	0.06	12077
	BXRC-57E10K1-B-74-SE ^{DLC+*}	80		1800	15781	52.0	93.6	169	0.06	14203	
	BXRC-57E10K1-C-74-SE ^{DLC+*}	80		1710	19989	69.4	118.7	168	0.04	17990	
	BXRC-57E10K1-D-74-SE ^{DLC+*}	80		2100	13297	37.6	79.0	168	0.06	11967	
	BXRC-65C10K1-B-74-SE ^{DLC+*}	6500	70	1800	16215	52.0	93.6	173	0.06	14594	
	BXRC-65C10K1-C-74-SE ^{DLC+*}		70	1710	20539	69.4	118.7	173	0.04	18485	
	BXRC-65C10K1-D-74-SE ^{DLC+*}		70	2100	13663	37.6	79.0	173	0.06	12297	
BXRC-65E10K1-B-74-SE ^{DLC+*}	80		1800	16070	52.0	93.6	172	0.06	14463		
BXRC-65E10K1-C-74-SE ^{DLC+*}	80		1710	20356	69.4	118.7	172	0.04	18320		
BXRC-65E10K1-D-74-SE ^{DLC+*}	80		2100	13541	37.6	79.0	171	0.06	12187		

* DLC+ indicates SKUs that can meet DLC Premium (Outdoor-Mid Output) requirements under certain system conditions. Note: Please refer to product data sheets online for additional performance data

V Series™



COMING SOON
160+
lm/W



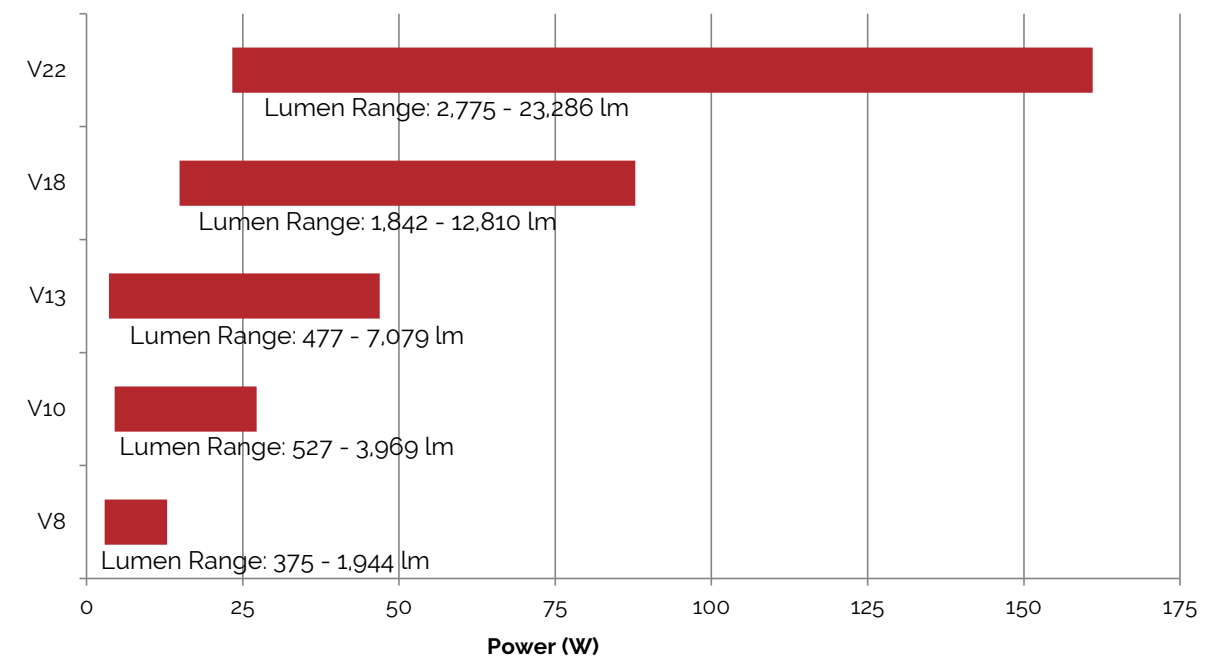
FEATURES


- Designed for cost sensitive applications
- Efficacy 155 lm/W typical
- 1,000 to 13,000 typical lumen packages
- 36V across a variety of form factors
- Expansive color portfolio: 65-97 CRI, Class A and specific color points

BENEFITS


- Superior lumen per dollar
- True color reproduction
- Pure, bright and consistent white light
- Industry standard electrical compatibility
- Color options for general lighting to high-end retail and luxury applications

WATTAGE AND FLUX RANGES (NOMINAL TO MAXIMUM)




Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)
 <p>V8</p>	BXRE-27E0800-D-73	2700	80	350	872	17.3	6.1	144	0.49	785
	BXRE-27E0800-E-73		80	175	874	34.7	6.1	144	0.49	787
	BXRE-27G0800-D-73		90	350	727	17.3	6.1	120	0.49	654
	BXRE-27G0800-E-73		90	175	729	34.7	6.1	120	0.49	656
	BXRE-30E0800-D-73	3000	80	350	908	17.3	6.1	150	0.49	817
	BXRE-30E0800-E-73		80	175	911	34.7	6.1	150	0.49	820
	BXRE-30G0800-D-73		90	350	757	17.3	6.1	125	0.49	681
	BXRE-30G0800-E-73	90	175	759	34.7	6.1	125	0.49	683	
	BXRE-40E0800-D-73	4000	80	350	945	17.3	6.1	156	0.49	850
	BXRE-40E0800-E-73		80	175	947	34.7	6.1	156	0.49	853
	BXRE-40G0800-D-73		90	350	811	17.3	6.1	134	0.49	730
	BXRE-40G0800-E-73		90	175	814	34.7	6.1	134	0.49	732
	BXRE-50C0801-D-74	5000	70	350	1035	17.3	6.1	171	0.49	932
	BXRE-50C0801-E-74		70	175	1038	34.7	6.1	171	0.49	935

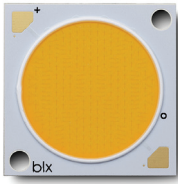
Note: Please refer to product data sheets online for additional performance data

Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)
 <p>V13</p>	BXRE-27E2000-B-7x	2700	80	450	2323	34.8	15.7	148	0.28	2091
	BXRE-27E2000-C-7x		80	630	3251	34.8	21.9	148	0.20	2926
	BXRE-27G2000-B-7x		90	450	1936	34.8	15.7	124	0.28	1742
	BXRE-27G2000-C-7x		90	630	2709	34.8	21.9	124	0.20	2438
	BXRE-30E2000-B-7x	3000	80	450	2420	34.8	15.7	155	0.28	2178
	BXRE-30E2000-C-7x		80	630	3387	34.8	21.9	154	0.20	3048
	BXRE-30G2000-B-7x		90	450	2008	34.8	15.7	128	0.28	1807
	BXRE-30G2000-C-7x	90	630	2811	34.8	21.9	128	0.20	2530	
	BXRE-35E2000-B-7x	3500	80	450	2492	34.8	15.7	159	0.28	2243
	BXRE-35E2000-C-7x		80	630	3488	34.8	21.9	159	0.20	3139
	BXRE-35G2000-B-7x		90	450	2081	34.8	15.7	133	0.28	1873
	BXRE-35G2000-C-7x		90	630	2913	34.8	21.9	133	0.20	2622
	BXRE-40E2000-B-7x	4000	80	450	2516	34.8	15.7	161	0.28	2264
	BXRE-40E2000-C-7x		80	630	3522	34.8	21.9	161	0.20	3170
	BXRE-40G2000-B-7x		90	450	2153	34.8	15.7	137	0.28	1938
	BXRE-40G2000-C-7x		90	630	3014	34.8	21.9	137	0.20	2713
	BXRE-50C2001-B-74	5000	70	450	2758	34.8	15.7	176	0.28	2482
	BXRE-50C2001-C-74		70	630	3861	34.8	21.9	176	0.20	3475
	BXRE-50E2001-B-74		80	450	2593	34.8	15.7	166	0.28	2334
	BXRE-50E2001-C-74		80	630	3629	34.8	21.9	166	0.20	3266
	BXRE-50G2001-B-74		90	450	2207	34.8	15.7	141	0.28	1986
	BXRE-50G2001-C-74		90	630	3089	34.8	21.9	141	0.20	2780
	BXRE-57C2001-B-74	5700	70	450	2662	34.8	15.7	170	0.28	2396
	BXRE-57C2001-C-74		70	630	3725	34.8	21.9	170	0.20	3353
	BXRE-57E2001-B-74		80	450	2637	34.8	15.7	168	0.28	2373
	BXRE-57E2001-C-74		80	630	3692	34.8	21.9	168	0.20	3323
	BXRE-65C2001-B-74	6500	70	450	2710	34.8	15.7	173	0.28	2439
	BXRE-65C2001-C-74		70	630	3793	34.8	21.9	173	0.20	3414
BXRE-65E2001-B-74	80		450	2686	34.8	15.7	172	0.28	2417	
BXRE-65E2001-C-74	80		630	3759	34.8	21.9	171	0.20	3383	

Note: Please refer to product data sheets online for additional performance data

Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)	
 V18	BXRE-27E4000-B-7x	2700	80	900	4644	34.8	31.3	148	0.15	4180	
	BXRE-27E4000-C-7x		80	1170	6038	34.8	40.7	148	0.11	5434	
	BXRE-27G4000-B-7x		90	900	3870	34.8	31.3	124	0.15	3483	
	BXRE-27G4000-C-7x		90	1170	5032	34.8	40.7	124	0.11	4529	
	BXRE-30E4000-B-7x	3000	80	900	4860	34.8	31.3	155	0.15	4374	
	BXRE-30E4000-C-7x		80	1170	6318	34.8	40.7	155	0.11	5686	
	BXRE-30G4000-B-7x		90	900	4015	34.8	31.3	128	0.15	3614	
	BXRE-30G4000-C-7x	90	1170	5221	34.8	40.7	128	0.11	4699		
	BXRE-35E4000-B-7x	3500	80	900	4983	34.8	31.3	159	0.15	4485	
	BXRE-35E4000-C-7x		80	1170	6479	34.8	40.7	159	0.11	5831	
	BXRE-35G4000-B-7x		90	900	4160	34.8	31.3	133	0.15	3744	
	BXRE-35G4001-C-73		90	1170	5409	34.8	40.7	133	0.11	4868	
	BXRE-40E4000-B-7x	4000	80	900	5031	34.8	31.3	161	0.11	4528	
	BXRE-40E4000-C-7x		80	1170	6541	34.8	40.7	161	0.15	5887	
	BXRE-40G4000-B-7x		90	900	4305	34.8	31.3	137	0.11	3875	
	BXRE-40G4000-C-7x		90	1170	5598	34.8	40.7	137	0.15	5038	
	BXRE-50C4001-B-74	5000	70	900	5515	34.8	31.3	176	0.11	4964	
	BXRE-50C4001-C-74		70	1170	7170	34.8	40.7	176	0.15	6453	
	BXRE-50E4001-B-74		80	900	5184	34.8	31.3	166	0.11	4666	
	BXRE-50E4001-C-74		80	1170	6740	34.8	40.7	166	0.15	6066	
	BXRE-50G4001-B-74		90	900	4412	34.8	31.3	141	0.11	3971	
	BXRE-50G4001-C-74		90	1170	5736	34.8	40.7	141	0.15	5162	
	BXRE-57C4001-B-74		5700	70	900	5321	34.8	31.3	170	0.11	4789
	BXRE-57C4001-C-74			70	1170	6919	34.8	40.7	170	0.15	6227
	BXRE-57E4001-B-74	80		900	5273	34.8	31.3	168	0.11	4746	
	BXRE-57E4001-C-74	80		1170	6856	34.8	40.7	168	0.15	6170	
	BXRE-65C4001-B-74	6500	70	900	5418	34.8	31.3	173	0.11	4876	
	BXRE-65C4001-C-74		70	1170	7045	34.8	40.7	173	0.15	6341	
	BXRE-65E4001-B-74		80	900	5370	34.8	31.3	171	0.11	4833	
	BXRE-65E4001-C-74		80	1170	6982	34.8	40.7	171	0.15	6284	
BXRE-65E4001-C-74		80	1170	6982	34.8	40.7	171	0.15	6284		

Note: Please refer to product data sheets online for additional performance data

Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)	
 V22	BXRE-27E6500-B-7x	2700	80	1170	9056	52.0	60.8	149	0.07	8150	
	BXRE-27E6500-C-7x		80	1440	11147	52.0	74.9	149	0.06	10032	
	BXRE-27E6500-D-7x		80	1400	7291	34.8	48.7	150	0.07	6562	
	BXRE-27G6500-B-7x		90	1170	7547	52.0	60.8	124	0.07	6792	
	BXRE-27G6500-C-7x		90	1440	9289	52.0	74.9	124	0.06	8360	
	BXRE-27G6500-D-7x		90	1400	6076	34.8	48.7	125	0.07	5468	
	BXRE-30E6500-B-7xDLC*	3000	80	1170	9433	52.0	60.8	155	0.07	8490	
	BXRE-30E6500-C-7xDLC*		80	1440	11611	52.0	74.9	155	0.06	10450	
	BXRE-30E6500-D-7xDLC*		80	1400	7595	34.8	48.7	156	0.07	6836	
	BXRE-30G6500-B-7x		90	1170	7830	52.0	60.8	129	0.07	7047	
	BXRE-30G6500-C-7x		90	1440	9637	52.0	74.9	129	0.06	8673	
	BXRE-30G6500-D-7x		90	1400	6304	34.8	48.7	129	0.07	5673	
	BXRE-35E6500-B-7xDLC*	3500	80	1170	9716	52.0	60.8	160	0.07	8745	
	BXRE-35E6500-C-7xDLC*		80	1440	11959	52.0	74.9	160	0.06	10763	
	BXRE-35E6500-D-7xDLC*		80	1400	7823	34.8	48.7	161	0.07	7041	
	BXRE-35G6500-B-7x		90	1170	8113	52.0	60.8	133	0.07	7301	
	BXRE-35G6500-C-7x		90	1440	9986	52.0	74.9	133	0.06	8987	
	BXRE-35G6500-D-7x		90	1400	6532	34.8	48.7	134	0.07	5879	
	BXRE-40E6500-B-7xDLC*	4000	80	1170	9811	52.0	60.8	161	0.07	8830	
	BXRE-40E6500-C-7xDLC*		80	1440	12075	52.0	74.9	161	0.06	10868	
	BXRE-40E6500-D-7xDLC*		80	1400	7816	34.8	48.7	160	0.07	7034	
	BXRE-40G6500-B-7x		90	1170	8396	52.0	60.8	138	0.07	7556	
	BXRE-40G6500-C-7x		90	1440	10334	52.0	74.9	138	0.06	9300	
	BXRE-40G6500-D-7x		90	1400	6760	34.8	48.7	139	0.07	6084	
	BXRE-50C6501-B-74DLC*		5000	70	1170	10754	52.0	60.8	177	0.07	9679
	BXRE-50C6501-C-74DLC*			70	1440	13237	52.0	74.9	177	0.06	11913
	BXRE-50C6501-D-74DLC*	70		1400	8658	34.8	48.7	178	0.07	7792	
	BXRE-50E6501-B-74DLC*	80		1170	10109	52.0	60.8	166	0.07	9098	
	BXRE-50E6501-C-74DLC*	80		1440	12442	52.0	74.9	166	0.06	11198	
	BXRE-50E6501-D-74DLC*	80		1400	8127	34.8	48.7	167	0.07	7314	
	BXRE-50G6501-B-74	90		1170	8603	52.0	60.8	141	0.07	7743	
	BXRE-50G6501-C-74	90		1440	10589	52.0	74.9	141	0.06	9530	
	BXRE-50G6501-D-74	90	1400	6911	34.8	48.7	142	0.07	6220		
	BXRE-57C6501-B-74DLC*	5700	70	1170	10377	52.0	60.8	171	0.07	9339	
	BXRE-57C6501-C-74DLC*		70	1440	12772	52.0	74.9	171	0.06	11495	
BXRE-57C6501-D-74DLC*	70		1400	8355	34.8	48.7	171	0.07	7519		
BXRE-57E6501-B-74DLC*	80		1170	10282	52.0	60.8	169	0.07	9254		
BXRE-57E6501-C-74DLC*	80		1440	12656	52.0	74.9	169	0.06	11390		
BXRE-57E6501-D-74DLC*	80		1400	8279	34.8	48.7	170	0.07	7451		
BXRE-65C6501-B-74DLC*	6500	70	1170	10565	52.0	60.8	174	0.07	9509		
BXRE-65C6501-C-74DLC*		70	1440	13004	52.0	74.9	174	0.06	11704		
BXRE-65C6501-D-74DLC*		70	1400	8506	34.8	48.7	175	0.07	7656		
BXRE-65E6501-B-74DLC*		80	1170	10471	52.0	60.8	172	0.07	9424		
BXRE-65E6501-C-74DLC*		80	1440	12888	52.0	74.9	172	0.06	11599		
BXRE-65E6501-D-74DLC*		80	1400	7941	34.8	48.7	163	0.07	7147		

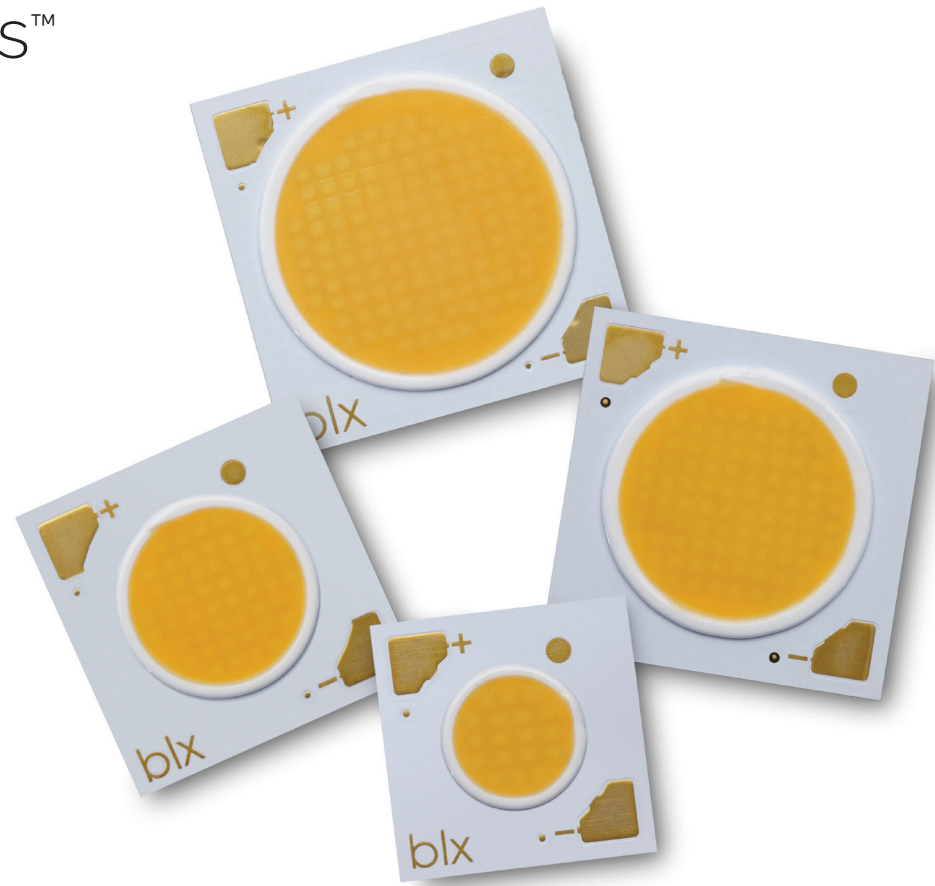
* DLC+ indicates SKUs that can meet DLC Premium (Outdoor-Mid Output) requirements under certain system conditions.

Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)
V10 with Décor Series Class A	BXRE-30A1001-B-73	3000	93 (typical)	270
	BXRE-30A1001-C-73		93 (typical)	360
	BXRE-35A1001-B-73	3500	93 (typical)	270
	BXRE-35A1001-C-73		93 (typical)	360
V13 with Décor Series Class A	BXRE-30A2001-B-73	3000	93 (typical)	450
	BXRE-30A2001-C-73		93 (typical)	630
	BXRE-35A2001-B-73	3500	93 (typical)	450
	BXRE-35A2001-C-73		93 (typical)	630
V18 with Décor Series Class A	BXRE-35A4001-B-73	3500	93 (typical)	900
V22 with Décor Series Class A	BXRE-35A6501-D-73	3500	93 (typical)	1400
V10 with Décor Series Ultra	BXRE-27H1000-B-7x	2700	97 (typical)	270
	BXRE-30H1000-B-7x	3000	97 (typical)	270
V13 with Décor Series Ultra	BXRE-27H2000-B-7x	2700	97 (typical)	450
	BXRE-30H2000-B-7x	3000	97 (typical)	450
V18 with Décor Series Ultra	BXRE-27H4000-B-7x	2700	97 (typical)	900
	BXRE-30H4000-B-7x	3000	97 (typical)	900
V22 with Décor Series Ultra	BXRE-27H6500-D-7x	2700	97 (typical)	1400
	BXRE-30H6500-D-7x	3000	97 (typical)	1400
V13 with Décor Series Food	BXRE-17E2000-C-7x	1750	80	630
	BXRE-25E2000-C-7x	2500	80	630
V18 with Décor Series Food	BXRE-17E4000-B-7x	1750	80	900
	BXRE-25E4000-B-7x	2500	80	900
V22 with Décor Series Food	BXRE-17E6500-D-7x	1750	80	1400
	BXRE-25E6500-D-7x	2500	80	1400
V22 with Décor Series Specialty	BXRE-56G6500-D-74	5600	90	1400
V10 with Décor Series Street and Landmark	BXRE-20B1001-B-73	2000	65	270
V13 with Décor Series Street and Landmark	BXRE-20B2001-B-73		65	450
	BXRE-20B2001-C-73		65	630
V18 with Décor Series Street and Landmark	BXRE-20B4001-C-73		65	1170
V22 with Décor Series Street and Landmark	BXRE-20B6501-C-73 ^{DLC+}		65	1440
	BXRE-20B6501-D-73 ^{DLC+}	65	1400	
V10 with Décor Series Showcase	BXRE-30G100C-B-73	3000	90	270
	BXRE-30G100C-C-73		90	360
V13 with Décor Series Showcase	BXRE-30G200C-B-73		90	450
	BXRE-30G200C-C-73		90	630
V18 with Décor Series Showcase	BXRE-30G400C-C-73		90	1170
V22 with Décor Series Showcase	BXRE-30G650C-D-73	90	1400	

* DLC+ indicates SKUs that can meet DLC Premium (Outdoor-Mid Output) requirements under certain system conditions. Note: Please refer to product data sheets online for additional performance data

Typical Pulsed Flux T _c =25°C (lm)	Typical V _i T _c =25°C (V)	Typical Power T _c =25°C (W)	Typical Efficacy T _c =25°C (lm/W)	Thermal Resistance Junction to Case (°C/W)	Typical DC Flux T _c =85°C (lm)
1081	34.8	9.4	115	0.49	973
1437	34.8	12.5	115	0.2	1293
1162	34.8	9.4	124	0.49	1046
1550	34.8	12.5	124	0.2	1395
1868	34.8	15.7	119	0.28	1681
2606	34.8	21.9	119	0.37	2345
1986	34.8	15.7	127	0.28	1787
2781	34.8	21.9	127	0.37	2503
4014	34.8	31.3	128	0.11	3613
6272	34.8	48.7	129	0.07	5645
983	34.8	9.4	105	0.49	885
1049	34.8	9.4	112	0.49	944
1673	34.8	15.7	107	0.28	1506
1798	34.8	15.7	115	0.28	1618
3386	34.8	31.3	108	0.15	3047
3606	34.8	31.3	115	0.15	3245
5292	34.8	48.7	109	0.07	4763
5684	34.8	48.7	117	0.07	5116
1862	34.8	21.9	85	0.20	1675
3022	34.8	21.9	138	0.20	2720
2669	34.8	31.3	85	0.15	2402
4333	34.8	31.3	138	0.15	3900
4214	34.8	48.7	86	0.07	3793
6811	34.8	48.7	140	0.07	6130
7227	34.8	48.7	148	0.07	6504
1332	34.8	9.4	142	0.49	1199
2264	34.8	15.7	145	0.28	2038
3170	34.8	21.9	145	0.20	2853
5904	34.8	40.7	145	0.15	5313
10899	52.2	75.2	145	0.06	9809
7105	34.8	48.7	146	0.07	6395
1096	34.8	9.4	117	0.49	987
1462	34.8	12.5	117	0.2	1316
1874	34.8	15.7	120	0.28	1686
2628	34.8	21.9	120	0.37	2365
3768	34.8	40.7	93	0.15	3391
5880	34.8	48.7	121	0.07	5292

H Series™



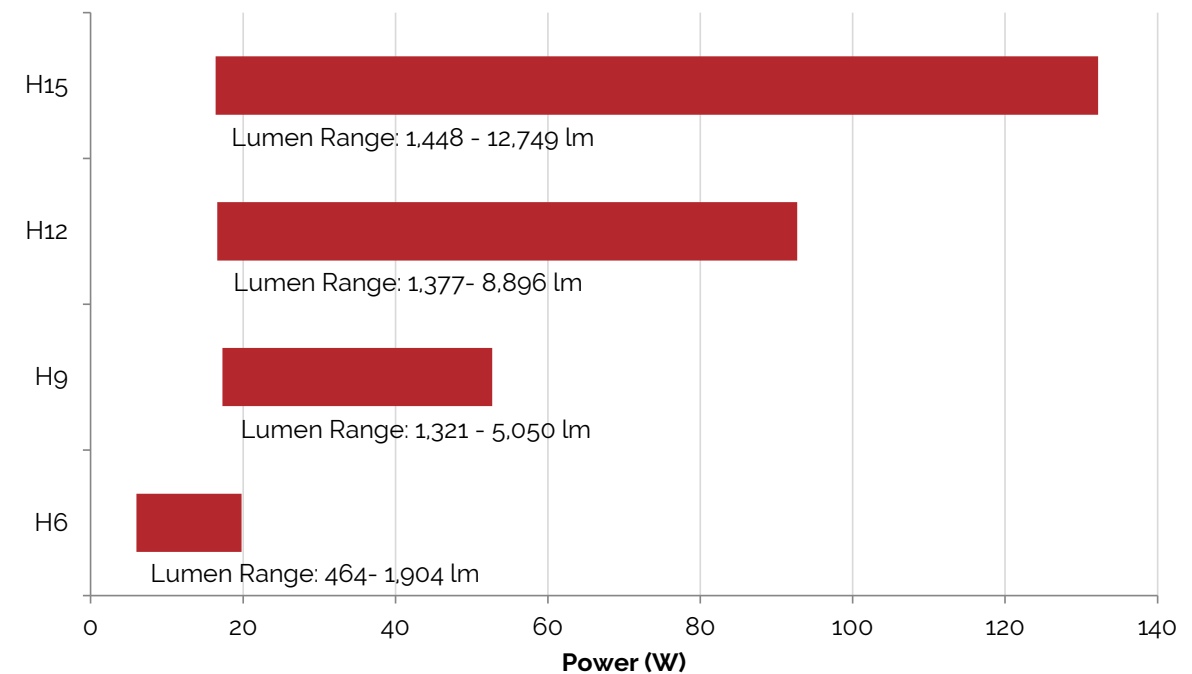
FEATURES



- 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

BENEFITS

- Enables compact fixture design, lowers operating costs
- Reliable use at elevated currents enables greater design flexibility
- High-quality, true color reproduction
- 2x the lifetime of ceramic metal halides

WATTAGE AND FLUX RANGES (NOMINAL TO MAXIMUM)

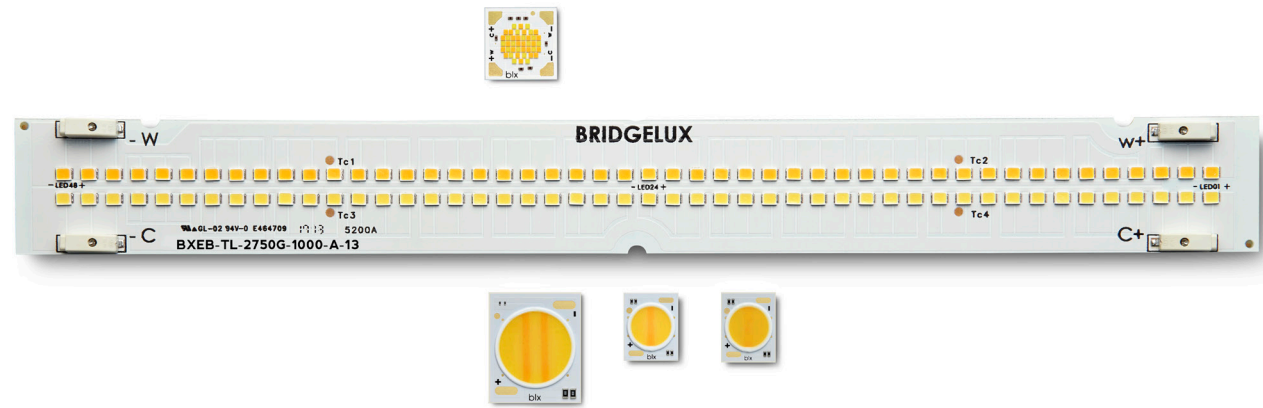


Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)
 <p>H6</p>	BXRH-27E1000-C-23	2700	80	750
	BXRH-27G1000-C-23		90	750
	BXRH-27H1000-C-23		97 (typical)	750
	BXRH-30E1000-C-23	3000	80	750
	BXRH-30G1000-C-23		90	750
	BXRH-30H1000-C-23		97 (typical)	750
	BXRH-35A1001-C-23	3500	93 (typical)	750
	BXRH-35G1000-C-23		90	750
	BXRH-40E1000-C-23	4000	80	750
	BXRH-40G1000-C-23		90	750
 <p>H9</p>	BXRH-27E3000-D-23	2700	80	1000
	BXRH-27G3000-D-23		90	1000
	BXRH-27H3000-D-23		97 (typical)	1000
	BXRH-30E3000-D-23	3000	80	1000
	BXRH-30G3000-D-23		90	1000
	BXRH-30H3000-D-23		97 (typical)	1000
	BXRH-35A3001-D-23	3500	93 (typical)	1000
	BXRH-35G3000-D-23		90	1000
	BXRH-40E3000-D-23	4000	80	1000
	BXRH-40G3000-D-23		90	1000

Note: Please refer to product data sheets online for additional performance data

Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)
1304	18.3	13.7	95	0.60	1134
1084	18.3	13.7	79	0.60	943
1043	18.3	13.7	76	0.60	907
1373	18.3	13.7	100	0.60	1194
1153	18.3	13.7	84	0.60	1003
1084	18.3	13.7	79	0.60	943
1153	18.3	13.7	84	0.60	1003
1180	18.3	13.7	86	0.60	1027
1455	18.3	13.7	106	0.60	1266
1208	18.3	13.7	88	0.60	1051
3477	36.6	36.6	95	0.22	3025
2891	36.6	36.6	79	0.22	2516
2782	36.6	36.6	76	0.22	2420
3660	36.6	36.6	100	0.22	3184
3074	36.6	36.6	84	0.22	2675
2891	36.6	36.6	79	0.22	2516
3074	36.6	36.6	84	0.22	2675
3148	36.6	36.6	86	0.22	2738
3880	36.6	36.6	106	0.22	3375
3221	36.6	36.6	88	0.22	2802

Vesta™ Series



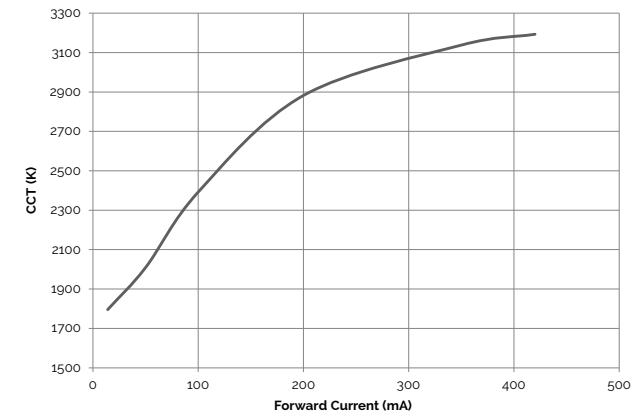
FEATURES

- Comprehensive line of tunable and dim-to-warm products
- CSP based tunable arrays for premium applications, SMD based linear and circular boards for cost effective, diffused lighting applications
- Efficacy of 100 lm/W for dim-to-warm, 105 lm/W for tunable arrays, and 125 lm/W for linear boards
- Flux packages from 700 to 3100 typical lumens

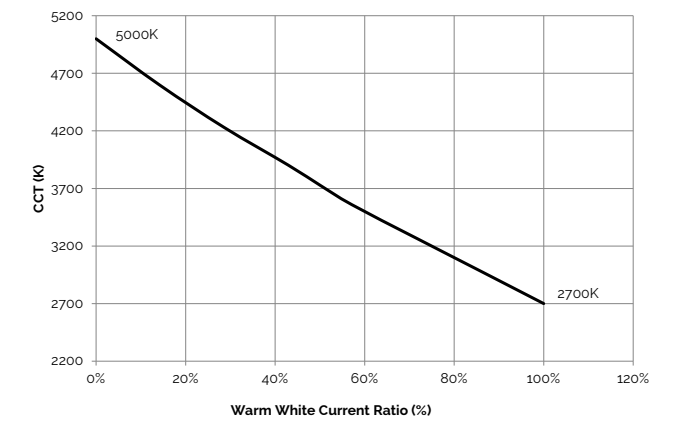
BENEFITS

- Superior color mixing enabled by CSPs
- Compact system design resulting from high lumen density of CSPs
- Reliable operation facilitated by high conductivity substrates
- High-quality, true color reproduction

DIM-TO-WARM CURRENT RATIO



TUNABLE WHITE CURRENT RATIO



Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f (V)	Typical Power (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)
 Dim-To-Warm Array 9mm, 6W	BXRV-DR-1830H-1000-A-1x	3000	95	350	570	17.0	6.0	96	518
		1800	95	14	13	11.2	0.2	83	12
 Dim-To-Warm Array 9mm, 12W	BXRV-DR-1830H-1000-B-1x	3000	95	350	1150	33.8	11.8	97	1045
		1800	95	14	31	26.9	0.4	82	28
 Dim-To-Warm Array 15mm, 33W	BXRV-DR-1830H-3000-A-1x	3000	95	950	3300	34.1	32.4	102	3000
		1800	95	20	47	26.4	0.5	89	43
 Tunable White Array 9mm	BXRV-TR-2750G-1000-A-1x	2700	90	700	1090	17.6	12.3	88	980
		5000	90	700	1300	18.1	12.7	103	1145
Image Coming Soon Tunable White Array 13mm	BXRV-TR-2750G-2000-A-1x	2700	90	70	2180	35.3	24.7	88	1960
		5000	90	70	2600	36.3	25.4	103	2290

Note: Please refer to product data sheets online for additional performance data

EB Series™



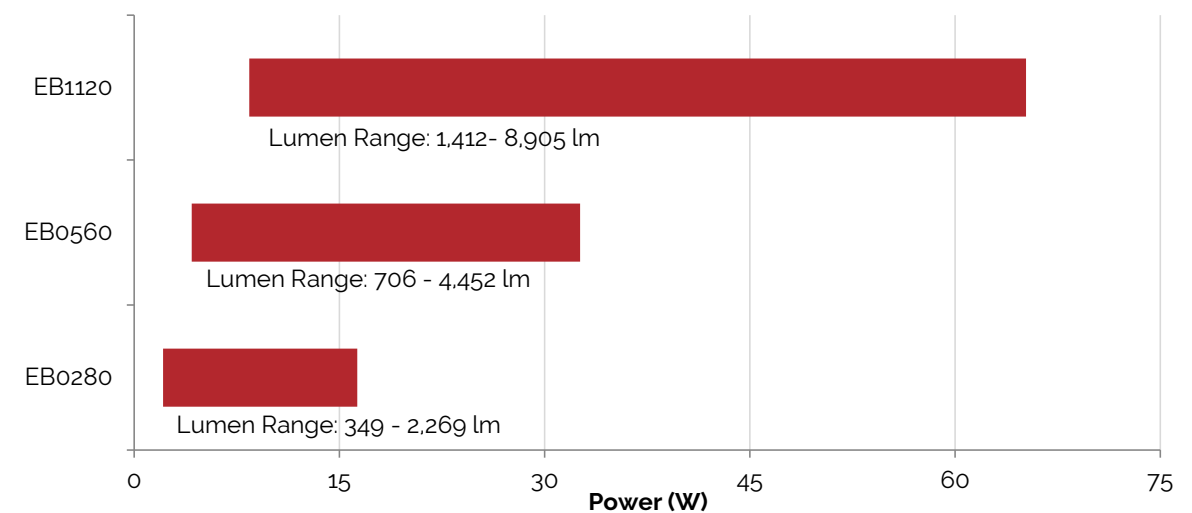
FEATURES




- High efficacy up to 159 lm/W
- Wide lumen range with 2x overdrive capability
- Available in a variety of color temperatures (3000K-5700K)
- Designed following Zhaga standards L28W2 and L56W2
- Lumen output of up-to 2270 lm, 4450 lm, and 8900 lm for 280 mm, 560 mm and 1120 mm modules

BENEFITS

- No separate heat-sinking required
- Easy installation using mounting holes and connectors
- Long lifetime (L80, B50 > 50,000 hours)
- High-quality, true color reproduction
- Reliable use at elevated currents for greater design flexibility

WATTAGE AND FLUX RANGES (NOMINAL TO MAXIMUM)



Form Factor	Part Number	Nominal CCT (K)
 <p>L0280</p>	BXEB-L0280Z-30E1000-C-A3	3000
	BXEB-L0280Z-35E1000-C-A3	3500
	BXEB-L0280Z-40E1000-C-A3	4000
	BXEB-L0280Z-50E1000-C-A3	5000
	BXEB-L0280Z-57E1000-C-A3	5700
 <p>L0560</p>	BXEB-L0560Z-30E2000-C-A3	3000
	BXEB-L0560Z-35E2000-C-A3	3500
	BXEB-L0560Z-40E2000-C-A3	4000
	BXEB-L0560Z-50E2000-C-A3	5000
	BXEB-L0560Z-57E2000-C-A3	5700
 <p>L1120</p>	BXEB-L1120Z-30E4000-C-A3	3000
	BXEB-L1120Z-35E4000-C-A3	3500
	BXEB-L1120Z-40E4000-C-A3	4000
	BXEB-L1120Z-50E4000-C-A3	5000
	BXEB-L1120Z-57E4000-C-A3	5700

Note: Please refer to product data sheets online for additional performance data

Minimum CRI	Nominal Drive Current (mA)	Typical Flux T _c =50°C (lm)	Typical V _f (V)	Typical Power (W)	Typical Efficacy T _c =50°C (lm/W)	Typical DC Flux T _c =85°C (lm)
80	350	1205	22.1	7.7	156	1127
80	350	1205	22.1	7.7	156	1127
80	350	1230	22.1	7.7	159	1150
80	350	1230	22.1	7.7	159	1150
80	350	1230	22.1	7.7	159	1150
80	700	2410	22.1	15.5	156	2253
80	700	2410	22.1	15.5	156	2253
80	700	2460	22.1	15.5	159	2300
80	700	2460	22.1	15.5	159	2300
80	700	2460	22.1	15.5	159	2300
80	700	4820	44.2	30.9	156	4507
80	700	4820	44.2	30.9	156	4507
80	700	4920	44.2	30.9	159	4600
80	700	4920	44.2	30.9	159	4600
80	700	4920	44.2	30.9	159	4600

OLM™ Series



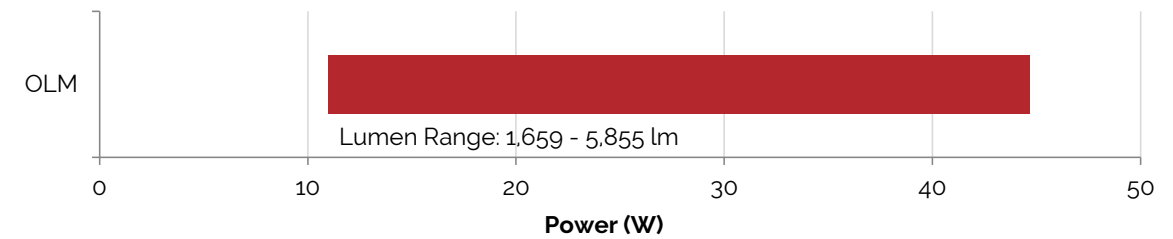
FEATURES

- IP66 rated for outdoor use
- Asymmetric and symmetric lighting patterns
- High-level component integration
- 1-year limited warranty on OLM module, 5-year limited warranty on Bridgelux LED light source

BENEFITS

- Designed to work with UL class 2 drivers in non-enclosed outdoor environments
- Optimized for color and efficacy
- Simplified robust luminaire design and assembly
- Replaces HPS bulbs in outdoor luminaires

WATTAGE AND FLUX RANGES (NOMINAL TO MAXIMUM)



Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_c=25^\circ\text{C}$ (lm)	Typical V_f $T_c=25^\circ\text{C}$ (V)	Typical Power $T_c=25^\circ\text{C}$ (W)	Typical Efficacy $T_c=25^\circ\text{C}$ (lm/W)	Thermal Resistance Junction to Case ($^\circ\text{C}/\text{W}$)	Typical DC Flux $T_c=85^\circ\text{C}$ (lm)
OLM	OLMB-40C000-xxxx-xx000	4000	70	900	3139	23.1	20.8	151	2918	1134
	OLMB-40E000-xxxx-xx000		80	900	2889	23.1	20.8	139	2686	943
	OLMB-50C000-xxxx-xx000	5000	70	900	3167	23.1	20.8	152	2944	907
	OLMB-57C000-xxxx-xx000	5700	70	900	3056	23.1	20.8	147	2841	1194

Note: Please refer to product data sheets online for additional performance data

SMD Products



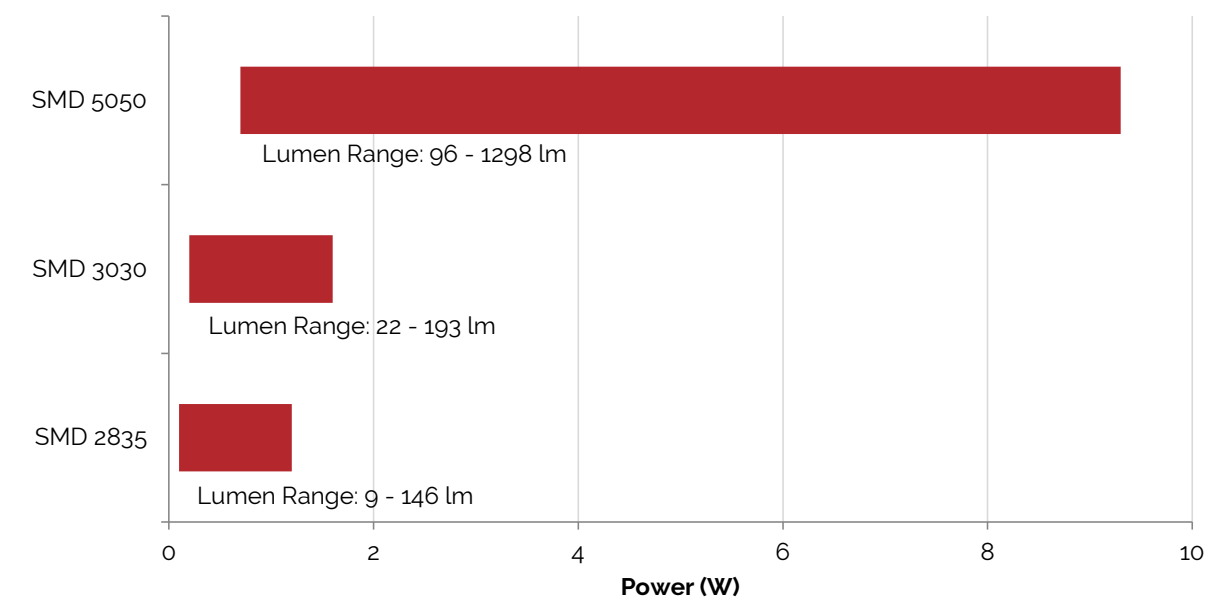
FEATURES


- High efficacy and lumens per dollar
- Industry standard form factors and footprint
- ANSI compliant color bins
- Excellent lumen maintenance
- Broad range of CCT and CRI configurations

BENEFITS

- Competitive system performance and cost
- Ease of design and rapid go-to-market
- Enables uniform and consistent white light
- High reliable fixture quality
- Design flexibility






WATTAGE AND FLUX RANGES (NOMINAL TO MAXIMUM)



Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_{SP}=25^{\circ}\text{C}$ (lm)
 3030 1W 6V	BXEM-27C0000-0-000	2700	70	150	123
	BXEM-27E0000-0-000	2700	80	150	117
	BXEM-27G0000-0-000	2700	90	150	98
	BXEM-30C0000-0-000	3000	70	150	126
	BXEM-30E0000-0-000	3000	80	150	123
	BXEM-30G0000-0-000	3000	90	150	103
	BXEM-35C0000-0-000	3500	70	150	129
	BXEM-35E0000-0-000	3500	80	150	125
	BXEM-35G0000-0-000	3500	90	150	105
	BXEM-40C0000-0-000	4000	70	150	133
	BXEM-40E0000-0-000	4000	80	150	127
	BXEM-40G0000-0-000	4000	90	150	108
	BXEM-50C0000-0-000	5000	70	150	133
	BXEM-50E0000-0-000	5000	80	150	127
	BXEM-50G0000-0-000	5000	90	150	108
	BXEM-57C0000-0-000	5700	70	150	133
	BXEM-57E0000-0-000	5700	80	150	127
	BXEM-57G0000-0-000	5700	90	150	108
	BXEM-65C0000-0-000	6500	70	150	133
	BXEM-65E0000-0-000	6500	80	150	126
BXEM-65G0000-0-000	6500	90	150	108	

Typical V_f $T_{SP}=25^{\circ}\text{C}$ (V)	Typical Pulsed Power $T_{SP}=25^{\circ}\text{C}$ (W)	Typical Efficacy $T_{SP}=25^{\circ}\text{C}$ (lm/W)	Typical Thermal Resistance Junction to Solder Point ($^{\circ}\text{C}/\text{W}$)	Typical DC Flux $T_{SP}=85^{\circ}\text{C}$ (lm)
6.25	0.9	131	12	102
6.25	0.9	125	12	99
6.25	0.9	105	12	83
6.25	0.9	134	12	105
6.25	0.9	131	12	105
6.25	0.9	110	12	88
6.25	0.9	138	12	108
6.25	0.9	133	12	105
6.25	0.9	112	12	90
6.25	0.9	142	12	112
6.25	0.9	135	12	107
6.25	0.9	115	12	93
6.25	0.9	142	12	113
6.25	0.9	135	12	107
6.25	0.9	115	12	92
6.25	0.9	142	12	113
6.25	0.9	135	12	107
6.25	0.9	115	12	92
6.25	0.9	142	12	113
6.25	0.9	134	12	105
6.25	0.9	115	12	92

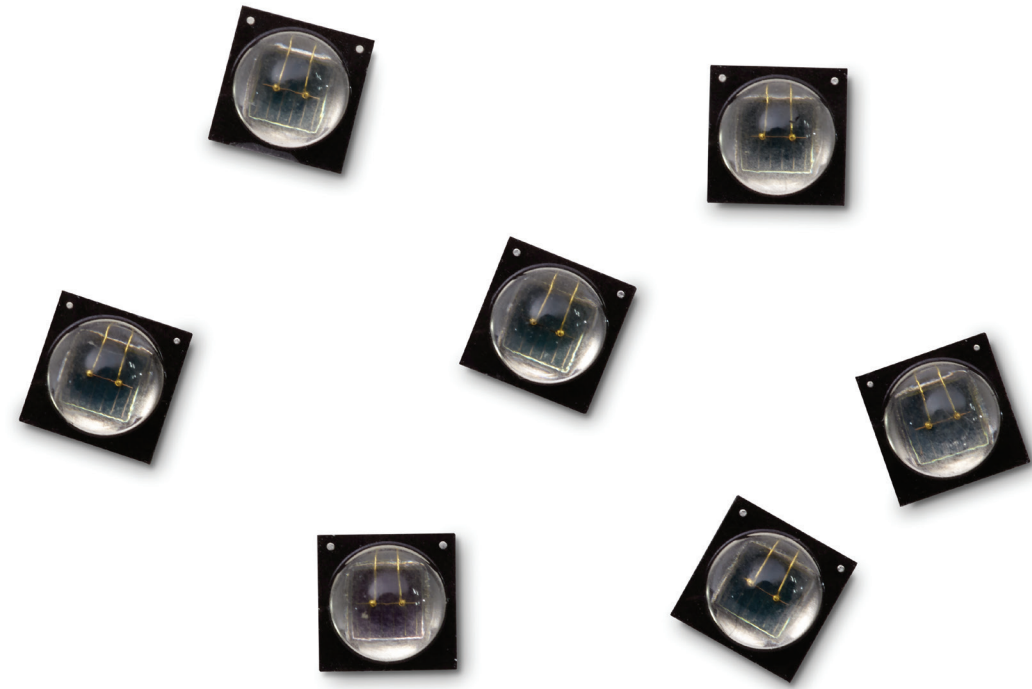
Note: Please refer to product data sheets online for additional performance data

Form Factor	Part Number	Nominal CCT (K)	Minimum CRI	Nominal Drive Current (mA)	Typical Pulsed Flux $T_{sp}=25^{\circ}\text{C}$ (lm)
 2835 0.2W 3V	BXEN-27E-11L-3B-00-0-0	2700	80	60	26
	BXEN-30E-11L-3B-00-0-0	3000	80	60	27
	BXEN-30G-11L-3B-00-0-0	3000	90	60	23
	BXEN-35E-11L-3B-00-0-0	3500	80	60	27
	BXEN-40E-11L-3B-00-0-0	4000	80	60	29
	BXEN-50E-11L-3B-00-0-0	5000	80	60	29
	BXEN-57E-11L-3B-00-0-0	5700	80	60	29
 2835 0.2W 3V Gen 2	BXEN-27E-11L-3C-00-0-0	2700	80	60	28
	BXEN-30E-11L-3C-00-0-0	3000	80	60	30
	BXEN-35E-11L-3C-00-0-0	3500	80	60	30
	BXEN-40E-11L-3C-00-0-0	4000	80	60	31
	BXEN-50E-11L-3C-00-0-0	5000	80	60	31
	BXEN-57E-11L-3C-00-0-0	5700	80	60	31
	BXEN-65E-11L-3C-00-0-0	6500	80	60	31
 2835 0.5W 3V	BXEN-27E-21M-3A-00-0-0	2700	80	150	
	BXEN-27G-21M-3A-00-0-0	2700	90	150	51
	BXEN-30E-21M-3A-00-0-0	3000	80	150	62
	BXEN-30G-21M-3A-00-0-0	3000	90	150	54
	BXEN-35E-21M-3A-00-0-0	3500	80	150	62
	BXEN-35G-21M-3A-00-0-0	3500	90	150	54
	BXEN-40E-21M-3A-00-0-0	4000	80	150	67
	BXEN-40G-21M-3A-00-0-0	4000	90	150	56
	BXEN-50E-21M-3A-00-0-0	5000	80	150	67
	BXEN-50G-21M-3A-00-0-0	5000	90	150	56
	BXEN-57E-21M-3A-00-0-0	5700	80	150	67
	BXEN-57G-21M-3A-00-0-0	5700	90	150	56
	BXEN-65E-21M-3A-00-0-0	6500	80	150	66
	BXEN-65E-11M-3A-00-0-0	6500	80	150	63
 2835 1W 9V Gen 2	BXEN-27E-13H-9B-00-0-0	2700	80	100	115
	BXEN-27G-13H-9B-00-0-0	2700	90	100	100
	BXEN-30E-13H-9B-00-0-0	3000	80	100	120
	BXEN-30G-13H-9B-00-0-0	3000	90	100	100
	BXEN-35E-13H-9B-00-0-0	3500	80	100	123
	BXEN-35G-13H-9B-00-0-0	3500	90	100	102
	BXEN-40E-13H-9B-00-0-0	4000	80	100	127
	BXEN-40G-13H-9B-00-0-0	4000	90	100	105
	BXEN-50E-13H-9B-00-0-0	5000	80	100	127
	BXEN-50G-13H-9B-00-0-0	5000	90	100	105
	BXEN-57E-13H-9B-00-0-0	5700	80	100	127
	BXEN-57G-13H-9B-00-0-0	5700	90	100	105
	BXEN-65E-13H-9B-00-0-0	6500	80	100	125
	 2835 1W 12V	BXEN-27E-14H-12A-00-0-0	2700	80	75
BXEN-30E-14H-12A-00-0-0		3000	80	75	120
BXEN-35E-14H-12A-00-0-0		3500	80	75	120
BXEN-40E-14H-12A-00-0-0		4000	80	75	125
BXEN-50E-14H-12A-00-0-0		5000	80	75	125
BXEN-57E-14H-12A-00-0-0		5700	80	75	125
BXEN-65E-14H-12A-00-0-0		6500	80	75	125

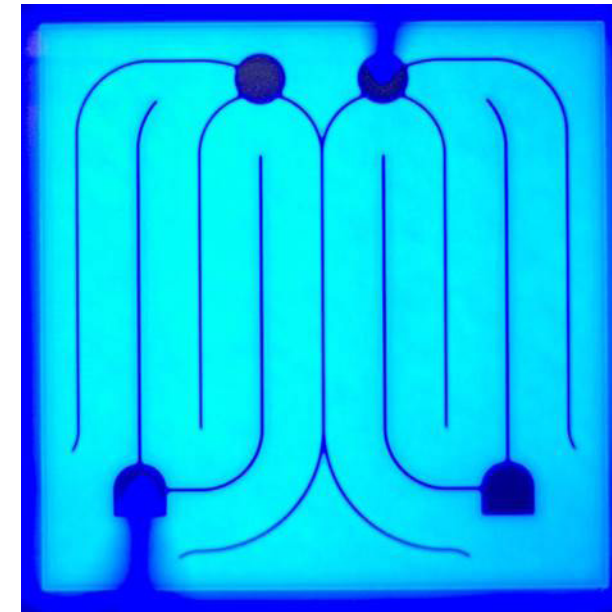
Note: Please refer to product data sheets online for additional performance data

Typical V_f $T_{sp}=25^{\circ}\text{C}$ (V)	Typical Power $T_{sp}=25^{\circ}\text{C}$ (W)	Typical Efficacy $T_{sp}=25^{\circ}\text{C}$ (lm/W)	Typical Thermal Resistance Junction to Solder Point ($^{\circ}\text{C}/\text{W}$)	Typical DC Flux $T_{sp}=85^{\circ}\text{C}$ (lm)
3.0	0.2	144	25	24
3.0	0.2	150	25	24
3.0	0.2	128	25	21
3.0	0.2	150	25	24
3.0	0.2	158	25	26
3.0	0.2	158	25	26
3.0	0.2	158	25	26
3.0	0.2	158	25	25
2.8	0.2	165	14	25
2.8	0.2	178	14	27
2.8	0.2	178	14	27
2.8	0.2	185	14	28
2.8	0.2	182	14	28
2.8	0.2	182	14	28
2.8	0.2	182	14	28
3.1	0.5		12	
3.1	0.5	110	12	46
3.1	0.5	133	12	56
3.1	0.5	116	12	48
3.1	0.5	133	12	56
3.1	0.5	116	12	49
3.1	0.5	144	12	60
3.1	0.5	120	12	50
3.1	0.5	144	12	60
3.1	0.5	120	12	50
3.1	0.5	144	12	60
3.1	0.5	120	12	50
3.1	0.5	142	12	59
3.1	0.5	135	20	54
9.5	1.0	121	10	101
9.5	1.0	105	10	88
9.5	1.0	126	10	106
9.5	1.0	105	10	88
9.5	1.0	129	10	108
9.5	1.0	107	10	90
9.5	1.0	134	10	112
9.5	1.0	111	10	92
9.5	1.0	134	10	112
9.5	1.0	111	10	92
9.5	1.0	134	10	112
9.5	1.0	111	10	92
9.5	1.0	132	10	110
12.2	0.9	126	10	101
12.2	0.9	131	10	106
12.2	0.9	131	10	106
12.2	0.9	137	10	110
12.2	0.9	137	10	110
12.2	0.9	137	10	110
12.2	0.9	137	10	110

IR Emitters



LED Chips



Bridgelux IR Emitter Products								
Part Number	Peak Wavelength (nm)	Viewing Angle (°)	Min Radiant Power (mW)	Max Radiant Power (mW)	Min Radiant Intensity (mW/sr)	Max Radiant Intensity (mW/sr)	Forward Voltage (V)	Nominal Current (mA)
BXIR-85120AA-0800	850	120	800	900	240	270	1.9	1000
BXIR-85120AA-0900	850	120	900	1000	270	310	1.9	1000
BXIR-85090AA-0800	850	90	800	900	310	345	1.9	1000
BXIR-85090AA-0900	850	90	900	1000	345	385	1.9	1000
BXIR-85090BA-1100	850	90	1100	1300	425	500	3.2	1000
BXIR-85090BA-1300	850	90	1300	1500	500	580	3.2	1000

Note: Please refer to product data sheets online for additional performance data

At Bridgelux, we manufacture leading-edge, IP protected, high performance light emitting diode (LED) chips with superior quality and reliability. Our blue LED chips are packaged into components

such as LED emitters and chip-on-board arrays (COBs). Bridgelux chips are the basis for LED luminaires including, general lighting, signage, automotive applications, and camera flash for mobile appliances.

Bridgelux LED Chip Products						
Form Factor	Part Number	Typ./Max Drive Current (mA)	Optical Power (mW)	Forward Voltage Range (V)	Wave Length Range (nm)	Efficacy Cool White (lm/W)
Lateral	BXCD4545	350/700	400-500	3.0-3.4	450-460	160-180
	BXCD2345	350/450	380-460	3.2-3.6	450-460	130-160
	BXCD2630	120/240	210-250	2.8-3.2	450-460	130-150
	BXCD1734	120/240	200-230	3.0-3.4	450-460	120-140
Flip	BXDA4040/BXDB4040	700/1000	850-1000	2.8-3.2	450-460	140-170
	BXDA2630	350/700	420-480	3.0-3.4	450-460	130-150

Note: Please refer to product data sheets online for additional performance data

Décor Series™



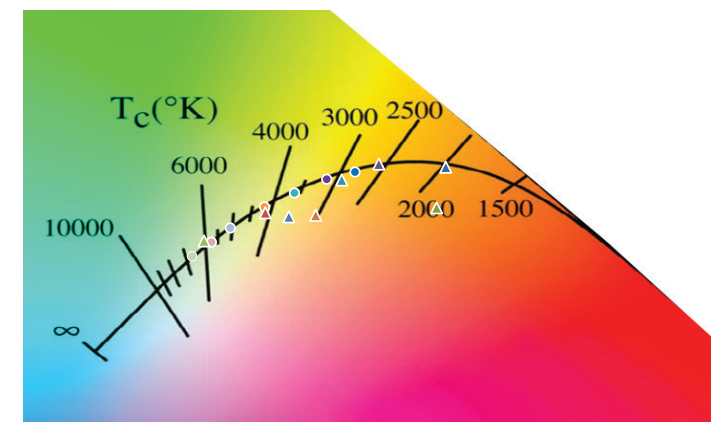
Bridgelux Décor Series includes our state-of-the-art color points designed for specific applications. The color points produce unmatched LED light quality with brilliant and natural color-rendering options. Light and color are

powerful mediums that influence and experience and well-being while offering functional and inspiring lighting palettes.

Bridgelux Décor Series Products						
Product	Food	Retail & Hospitality	Entertainment	Healthcare	Roadway	Architectural & Museum
Décor Ultra						
Décor Meat						
Décor Bakery						
Décor Showcase						
Décor Class A						
Décor Street & Landmark						
Décor Specialty						

CHROMATICITY

- ▲ Décor Series Meat (1750K)
- ▲ Décor Series Street and Landmark (2000K)
- ▲ Décor Series Bread (2500K)
- ▲ Décor Series Showcase (3000K)
- ▲ Décor Series Class A (3000K)
- ▲ Décor Series Class A (3500K)
- ▲ Décor Series Class A (4000K)
- ▲ Décor Series Specialty (5600K)
- Bridgelux 2700K
- Bridgelux 3000K
- Bridgelux 3500K
- Bridgelux 4000K
- Bridgelux 5000K
- Bridgelux 5700K
- Bridgelux 6500K



INDUSTRY LEADING R9s

- Décor Ultra 3000K 97 CRI: 98
- Bridgelux 3000K 90 CRI: 70

TLCI VALUE FOR ENTERTAINMENT

- Décor Specialty 5600K 90 CRI: 93



bridgelux



For more information about the company,
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