



Bridgelux® Gen. 7 V Series™ LED Array: Product Selection Guide PSG-100 Rev. C

Refer to relevant product data sheets for specific information on application and performance.

Product Data sheets available at Bridgelux.com or from Bridgelux Sales Representatives.

The tables below include the base BXRE part number which defines color (CCT), color rendering (CRI) and flux characteristics.

Product Nomenclature – BXRE V Series Part Numbers

Product Number: **B X R E – A B C D E F G - H - I J**

B X R E – designates product family

A B – designates nominal CCT color

27 - 2700 K

30 - 3000 K

35 - 3500 K

40 - 4000 K

50 - 5000 K

65 - 6500 K

C - Color Rendering (CRI)

C - CRI > 70

E - CRI > 80

G - CRI > 90

J – designates color binning

3 - 3SDCM (3-step) available on Warm and Neutral White

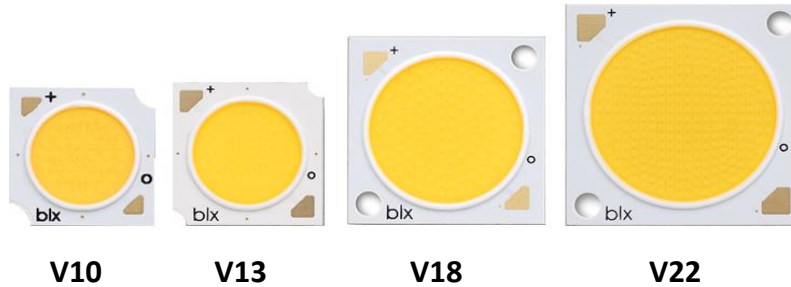
4 - 4SDCM (4-step) available on Cool White

D E F G – designates nominal flux. (Example: 0400 for 400 lumen product)

H - Array Configuration

I - Gen. 7

V Series (BXRE) Form Factors



Form Factor	MOQ	Tray Count	LES Diameter	Dimensions	Total Z-Height	Substrate Z-Height
V10	840	60 units	10 mm	13.50 mm x 13.50 mm	1.7 mm	1.000 mm
V13	500	25 units	13 mm	19.00 mm x 19.00 mm	1.7 mm	1.000 mm
V18	600	20 units	18 mm	24.00 mm x 24.00mm	1.7 mm	1.000 mm
V22	150	15 units	22 mm	28.00 mm x 28.00mm	1.7 mm	1.000 mm

Notes:

1.) Thermal Resistance based on 3000K 80 CRI component.



Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V10	BXRE-27E1000-B-7x	2700K	80	135	-	718	633	33.3	4.5	160	-	646	568	32.3	4.4	140	DS100
				180	-	942	829	33.8	6.1	155	-	845	744	32.8	5.9	128	
				270	1x	1348	1187	35.0	9.5	143	0.49	1213	1068	34.0	9.2	119	
				405	1.5x	1978	1741	36.4	14.7	134	-	1759	1549	35.4	14.4	110	
				540	2x	2534	2231	37.8	20.4	124	0.56	2242	1975	36.8	19.9	95	
V10	BXRE-27E1000-C-7x	2700K	80	180	-	955	841	33.3	6.0	159	-	853	750	32.3	5.8	112	DS100
				240	-	1252	1101	33.8	8.1	154	-	1112	978	32.8	7.9	102	
				360	1x	1797	1581	35.0	12.6	143	0.37	1617	1423	34.0	12.3	95	
				540	1.5x	2617	2302	36.4	19.7	133	-	2273	2000	35.4	19.1	88	
				720	2x	3343	2941	37.8	27.2	123	0.45	2861	2517	36.8	26.5	76	
V10	BXRE-27G1000-B-7x	2700K	90	135	-	599	527	33.3	4.5	133	-	538	474	32.3	4.4	144	DS100
				180	-	785	691	33.8	6.1	129	-	704	620	32.8	5.9	132	
				270	1x	1124	989	35.0	9.5	119	0.49	1012	890	34.0	9.2	123	
				405	1.5x	1649	1451	36.4	14.7	112	-	1467	1291	35.4	14.4	113	
				540	2x	2113	1859	37.8	20.4	103	0.56	1870	1645	36.8	19.9	97	
V10	BXRE-27G1000-C-7x	2700K	90	180	-	796	701	33.3	6.0	133	-	711	625	32.3	5.8	118	DS100
				240	-	1043	918	33.8	8.1	129	-	927	816	32.8	7.9	108	
				360	1x	1498	1318	35.0	12.6	119	0.37	1348	1186	34.0	12.3	100	
				540	1.5x	2181	1919	36.4	19.7	111	-	1895	1667	35.4	19.1	92	
				720	2x	2786	2452	37.8	27.2	102	0.45	2385	2099	36.8	26.5	80	
V10	BXRE-30E1000-B-7x	3000K	80	135	-	756	659	33.3	4.5	168	-	679	592	32.3	4.4	149	DS100
				180	-	991	864	33.8	6.1	163	-	889	775	32.8	5.9	136	
				270	1x	1418	1236	35.0	9.5	150	0.49	1276	1112	34.0	9.2	127	
				405	1.5x	2080	1813	36.4	14.7	141	-	1851	1613	35.4	14.4	116	
				540	2x	2665	2323	37.8	20.4	131	0.56	2359	2056	36.8	19.9	100	
V10	BXRE-30E1000-C-7x	3000K	80	180	-	1005	876	33.3	6.0	168	-	897	781	32.3	5.8	121	DS100
				240	-	1316	1147	33.8	8.1	162	-	1169	1019	32.8	7.9	111	
				360	1x	1890	1647	35.0	12.6	150	0.37	1701	1482	34.0	12.3	104	
				540	1.5x	2752	2398	36.4	19.7	140	-	2391	2083	35.4	19.1	95	
				720	2x	3516	3064	37.8	27.2	129	0.45	3009	2622	36.8	26.5	82	
V10	BXRE-30G1000-B-7x	3000K	90	135	-	621	547	33.3	4.5	138	-	558	491	32.3	4.4	153	DS100
				180	-	815	717	33.8	6.1	134	-	731	643	32.8	5.9	140	
				270	1x	1166	1026	35.0	9.5	123	0.49	1049	923	34.0	9.2	130	
				405	1.5x	1711	1505	36.4	14.7	116	-	1522	1339	35.4	14.4	120	
				540	2x	2191	1928	37.8	20.4	107	0.56	1940	1707	36.8	19.9	103	
V10	BXRE-30G1000-C-7x	3000K	90	180	-	826	727	33.3	6.0	138	-	737	649	32.3	5.8	127	DS100
				240	-	1082	952	33.8	8.1	133	-	962	846	32.8	7.9	116	
				360	1x	1554	1367	35.0	12.6	123	0.37	1399	1230	34.0	12.3	108	
				540	1.5x	2263	1991	36.4	19.7	115	-	1966	1729	35.4	19.1	100	
				720	2x	2891	2543	37.8	27.2	106	0.45	2474	2177	36.8	26.5	86	
V10	BXRE-35E1000-B-7x	3500K	80	135	-	771	678	33.3	4.5	172	-	693	610	32.3	4.4	158	DS100
				180	-	1011	889	33.8	6.1	166	-	907	798	32.8	5.9	144	
				270	1x	1447	1273	35.0	9.5	153	0.49	1302	1146	34.0	9.2	135	
				405	1.5x	2123	1868	36.4	14.7	144	-	1888	1661	35.4	14.4	124	
				540	2x	2720	2393	37.8	20.4	133	0.56	2407	2118	36.8	19.9	107	
V10	BXRE-35E1000-C-7x	3500K	80	180	-	1025	902	33.3	6.0	171	-	915	805	32.3	5.8	149	DS100
				240	-	1343	1182	33.8	8.1	166	-	1193	1050	32.8	7.9	136	
				360	1x	1928	1697	35.0	12.6	153	0.37	1735	1527	34.0	12.3	127	
				540	1.5x	2807	2471	36.4	19.7	143	-	2439	2147	35.4	19.1	116	
				720	2x	3586	3157	37.8	27.2	132	0.45	3070	2702	36.8	26.5	100	
V10	BXRE-35G1000-B-7x	3500K	90	135	-	644	566	33.3	4.5	143	-	578	509	32.3	4.4	133	DS100
				180	-	844	743	33.8	6.1	139	-	757	666	32.8	5.9	122	
				270	1x	1208	1063	35.0	9.5	128	0.49	1087	957	34.0	9.2	113	
				405	1.5x	1772	1560	36.4	14.7	120	-	1577	1387	35.4	14.4	104	
				540	2x	2270	1998	37.8	20.4	111	0.56	2010	1768	36.8	19.9	90	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V10	BXRE-35G1000-C-7x	3500K	90	180	-	856	753	33.3	6.0	143	-	764	672	32.3	5.8	131	DS100
				240	-	1121	987	33.8	8.1	138	-	996	877	32.8	7.9	126	
				360	1x	1610	1417	35.0	12.6	128	0.37	1449	1275	34.0	12.3	118	
				540	1.5x	2344	2063	36.4	19.7	119	-	2037	1792	35.4	19.1	106	
				720	2x	2995	2636	37.8	27.2	110	0.45	2563	2256	36.8	26.5	97	
V10	BXRE-40E1000-B-7x	4000K	80	135	-	779	685	33.3	4.5	173	-	700	615	32.3	4.4	160	DS100
				180	-	1021	898	33.8	6.1	168	-	916	805	32.8	5.9	155	
				270	1x	1461	1285	35.0	9.5	155	0.49	1315	1157	34.0	9.2	143	
				405	1.5x	2143	1885	36.4	14.7	145	-	1907	1677	35.4	14.4	133	
				540	2x	2746	2415	37.8	20.4	135	0.56	2430	2138	36.8	19.9	122	
V10	BXRE-40E1000-C-7x	4000K	80	180	-	1035	911	33.3	6.0	173	-	924	813	32.3	5.8	159	DS100
				240	-	1356	1193	33.8	8.1	167	-	1205	1060	32.8	7.9	153	
				360	1x	1947	1713	35.0	12.6	155	0.37	1752	1542	34.0	12.3	143	
				540	1.5x	2835	2494	36.4	19.7	144	-	2463	2167	35.4	19.1	129	
				720	2x	3622	3186	37.8	27.2	133	0.45	3100	2727	36.8	26.5	117	
V10	BXRE-40G1000-B-7x	4000K	90	135	-	666	586	33.3	4.5	148	-	599	527	32.3	4.4	137	DS100
				180	-	873	769	33.8	6.1	144	-	783	689	32.8	5.9	133	
				270	1x	1250	1100	35.0	9.5	132	0.49	1125	990	34.0	9.2	122	
				405	1.5x	1834	1614	36.4	14.7	124	-	1631	1436	35.4	14.4	114	
				540	2x	2349	2067	37.8	20.4	115	0.56	2079	1830	36.8	19.9	105	
V10	BXRE-40G1000-C-7x	4000K	90	180	-	886	779	33.3	6.0	148	-	790	695	32.3	5.8	136	DS100
				240	-	1160	1021	33.8	8.1	143	-	1031	907	32.8	7.9	131	
				360	1x	1666	1466	35.0	12.6	132	0.37	1499	1319	34.0	12.3	122	
				540	1.5x	2426	2135	36.4	19.7	123	-	2107	1854	35.4	19.1	110	
				720	2x	3099	2727	37.8	27.2	114	0.45	2653	2334	36.8	26.5	100	
V10	BXRE-50C1001-B-74	5000K	70	135	-	853	751	33.3	4.5	190	-	767	675	32.3	4.4	176	DS100
				180	-	1119	984	33.8	6.1	184	-	1003	883	32.8	5.9	170	
				270	1x	1601	1409	35.0	9.5	169	0.49	1441	1268	34.0	9.2	157	
				405	1.5x	2349	2067	36.4	14.7	159	-	2089	1839	35.4	14.4	146	
				540	2x	3009	2648	37.8	20.4	147	0.56	2663	2344	36.8	19.9	134	
V10	BXRE-50C1001-C-74	5000K	70	180	-	1135	998	33.3	6.0	189	-	1012	891	32.3	5.8	174	DS100
				240	-	1486	1308	33.8	8.1	183	-	1320	1162	32.8	7.9	168	
				360	1x	2134	1878	35.0	12.6	169	0.37	1921	1690	34.0	12.3	157	
				540	1.5x	3107	2735	36.4	19.7	158	-	2699	2376	35.4	19.1	141	
				720	2x	3969	3493	37.8	27.2	146	0.45	3398	2990	36.8	26.5	128	
V10	BXRE-50E1001-B-74	5000K	80	135	-	802	706	33.3	4.5	178	-	721	634	32.3	4.4	165	DS100
				180	-	1052	925	33.8	6.1	173	-	943	830	32.8	5.9	160	
				270	1x	1505	1324	35.0	9.5	159	0.49	1355	1192	34.0	9.2	147	
				405	1.5x	2208	1942	36.4	14.7	150	-	1964	1728	35.4	14.4	137	
				540	2x	2829	2488	37.8	20.4	139	0.56	2504	2202	36.8	19.9	126	
V10	BXRE-50E1001-C-74	5000K	80	180	-	1067	938	33.3	6.0	178	-	952	837	32.3	5.8	164	DS100
				240	-	1397	1229	33.8	8.1	172	-	1241	1092	32.8	7.9	158	
				360	1x	2006	1765	35.0	12.6	159	0.37	1805	1589	34.0	12.3	147	
				540	1.5x	2921	2570	36.4	19.7	149	-	2538	2233	35.4	19.1	133	
				720	2x	3731	3283	37.8	27.2	137	0.45	3194	2810	36.8	26.5	120	
V10	BXRE-50G1001-B-74	5000K	90	135	-	683	601	33.3	4.5	152	-	613	540	32.3	4.4	141	DS100
				180	-	895	787	33.8	6.1	147	-	803	706	32.8	5.9	136	
				270	1x	1281	1127	35.0	9.5	136	0.49	1153	1014	34.0	9.2	125	
				405	1.5x	1879	1653	36.4	14.7	127	-	1672	1471	35.4	14.4	116	
				540	2x	2408	2118	37.8	20.4	118	0.56	2131	1875	36.8	19.9	107	
V10	BXRE-50G1001-C-74	5000K	90	180	-	908	799	33.3	6.0	151	-	810	713	32.3	5.8	139	DS100
				240	-	1189	1046	33.8	8.1	147	-	1056	929	32.8	7.9	134	
				360	1x	1707	1502	35.0	12.6	135	0.37	1536	1352	34.0	12.3	125	
				540	1.5x	2486	2187	36.4	19.7	126	-	2159	1900	35.4	19.1	113	
				720	2x	3175	2794	37.8	27.2	117	0.45	2718	2392	36.8	26.5	102	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	Vf T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	Vf T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V10	BXRE-57C1001-B-74	5700K	70	135	-	823	725	33.3	4.5	183	-	740	651	32.3	4.4	169	DS100
				180	-	1079	950	33.8	6.1	177	-	968	852	32.8	5.9	164	
				270	1x	1545	1360	35.0	9.5	163	0.49	1391	1224	34.0	9.2	151	
				405	1.5x	2267	1995	36.4	14.7	154	-	2016	1775	35.4	14.4	141	
				540	2x	2904	2556	37.8	20.4	142	0.56	2570	2262	36.8	19.9	129	
V10	BXRE-57C1001-C-74	5700K	70	180	-	1095	963	33.3	6.0	183	-	977	860	32.3	5.8	168	DS100
				240	-	1434	1262	33.8	8.1	177	-	1274	1121	32.8	7.9	162	
				360	1x	2059	1812	35.0	12.6	163	0.37	1853	1631	34.0	12.3	151	
				540	1.5x	2998	2639	36.4	19.7	153	-	2605	2292	35.4	19.1	136	
V10	BXRE-57E1001-C-74	5700K	80	180	-	1070	941	33.8	6.1	176	-	959	844	32.8	5.9	162	DS100
				270	1x	1531	1347	35.0	9.5	162	0.49	1378	1212	34.0	9.2	150	
				405	1.5x	2246	1976	36.4	14.7	152	-	1998	1758	35.4	14.4	139	
				540	2x	2878	2532	37.8	20.4	141	0.56	2547	2241	36.8	19.9	128	
V10	BXRE-57E1001-B-74	5700K	80	135	-	816	718	33.3	4.5	181	-	733	645	32.3	4.4	168	DS100
				180	-	1070	941	33.8	6.1	176	-	959	844	32.8	5.9	162	
				270	1x	1531	1347	35.0	9.5	162	0.49	1378	1212	34.0	9.2	150	
				405	1.5x	2246	1976	36.4	14.7	152	-	1998	1758	35.4	14.4	139	
				540	2x	2878	2532	37.8	20.4	141	0.56	2547	2241	36.8	19.9	128	
V10	BXRE-57E1001-C-74	5700K	80	180	-	1085	955	33.3	6.0	181	-	968	852	32.3	5.8	166	DS100
				240	-	1421	1251	33.8	8.1	175	-	1262	1111	32.8	7.9	160	
				360	1x	2040	1796	35.0	12.6	162	0.37	1836	1616	34.0	12.3	150	
				540	1.5x	2971	2615	36.4	19.7	151	-	2581	2272	35.4	19.1	135	
				720	2x	3795	3341	37.8	27.2	139	0.45	3248	2860	36.8	26.5	122	
V10	BXRE-65C1001-B-74	6500K	70	135	-	838	737	33.3	4.5	186	-	753	663	32.3	4.4	173	DS100
				180	-	1099	967	33.8	6.1	181	-	986	867	32.8	5.9	167	
				270	1x	1573	1384	35.0	9.5	166	0.49	1416	1246	34.0	9.2	154	
				405	1.5x	2308	2030	36.4	14.7	157	-	2053	1806	35.4	14.4	143	
				540	2x	2956	2601	37.8	20.4	145	0.56	2617	2302	36.8	19.9	132	
V10	BXRE-65C1001-C-74	6500K	70	180	-	1115	981	33.3	6.0	186	-	995	875	32.3	5.8	171	DS100
				240	-	1461	1285	33.8	8.1	180	-	1298	1142	32.8	7.9	165	
				360	1x	2097	1845	35.0	12.6	166	0.37	1887	1661	34.0	12.3	154	
				540	1.5x	3054	2687	36.4	19.7	155	-	2653	2334	35.4	19.1	139	
				720	2x	3901	3432	37.8	27.2	143	0.45	3339	2938	36.8	26.5	126	
V10	BXRE-65E1001-B-74	6500K	80	135	-	831	731	33.3	4.5	185	-	747	657	32.3	4.4	171	DS100
				180	-	1089	959	33.8	6.1	179	-	977	860	32.8	5.9	165	
				270	1x	1559	1372	35.0	9.5	165	0.49	1403	1235	34.0	9.2	153	
				405	1.5x	2287	2013	36.4	14.7	155	-	2035	1791	35.4	14.4	142	
				540	2x	2930	2579	37.8	20.4	144	0.56	2593	2282	36.8	19.9	130	
V10	BXRE-65E1001-C-74	6500K	80	180	-	1105	972	33.3	6.0	184	-	986	868	32.3	5.8	169	DS100
				240	-	1447	1274	33.8	8.1	178	-	1286	1132	32.8	7.9	163	
				360	1x	2078	1829	35.0	12.6	165	0.37	1870	1646	34.0	12.3	153	
				540	1.5x	3026	2663	36.4	19.7	154	-	2629	2314	35.4	19.1	137	
				720	2x	3865	3402	37.8	27.2	142	0.45	3309	2912	36.8	26.5	125	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V13	BXRE-27E2000-B-7x	2700K	80	113	-	637	573	32.3	3.6	174	-	588	529	31.4	3.6	165	DS101
				225	-	1229	1105	33.2	7.5	164	-	1127	1014	32.3	7.3	155	
				450	1x	2323	2090	34.8	15.7	148	0.28	2091	1881	33.9	15.3	137	
				675	1.5x	3361	3024	36.0	24.3	138	-	3051	2745	35.1	23.7	129	
				900	2x	4286	3856	37.2	33.5	128	0.34	3871	3483	36.3	32.7	118	
V13	BXRE-27E2000-C-7x	2700K	80	158	-	884	796	32.3	5.1	173	-	837	754	31.4	5.0	169	DS101
				315	-	1706	1535	33.2	10.5	163	-	1608	1447	32.3	10.2	158	
				630	1x	3251	2926	34.8	21.9	148	0.20	2926	2633	33.9	21.4	137	
				945	1.5x	4672	4205	36.0	34.0	137	-	4369	3932	35.1	33.2	132	
				1260	2x	5961	5365	37.2	46.9	127	0.24	5556	5000	36.3	45.8	121	
V13	BXRE-27G2000-B-7x	2700K	90	113	-	531	477	32.3	3.6	145	-	490	441	31.4	3.6	138	DS101
				225	-	1024	921	33.2	7.5	137	-	939	845	32.3	7.3	129	
				450	1x	1936	1742	34.8	15.7	124	0.28	1742	1568	33.9	15.3	114	
				675	1.5x	2801	2520	36.0	24.3	115	-	2542	2288	35.1	23.7	107	
				900	2x	3572	3214	37.2	33.5	107	0.34	3226	2903	36.3	32.7	99	
V13	BXRE-27G2000-C-7x	2700K	90	158	-	737	663	32.3	5.1	144	-	698	628	31.4	5.0	140	DS101
				315	-	1422	1279	33.2	10.5	136	-	1340	1206	32.3	10.2	132	
				630	1x	2709	2438	34.8	21.9	124	0.20	2438	2194	33.9	21.4	114	
				945	1.5x	3893	3503	36.0	34.0	114	-	3641	3276	35.1	33.2	110	
				1260	2x	4967	4470	37.2	46.9	106	0.24	4630	4166	36.3	45.8	101	
V13	BXRE-30E2000-B-7x	3000K	80	113	-	663	597	32.3	3.6	182	-	612	551	31.4	3.6	172	DS101
				225	-	1280	1152	33.2	7.5	171	-	1174	1057	32.3	7.3	161	
				450	1x	2420	2178	34.8	15.7	155	0.28	2178	1960	33.9	15.3	143	
				675	1.5x	3501	3151	36.0	24.3	144	-	3178	2860	35.1	23.7	134	
				900	2x	4465	4019	37.2	33.5	133	0.34	4033	3630	36.3	32.7	123	
V13	BXRE-30E2000-C-7x	3000K	80	158	-	921	829	32.3	5.1	180	-	872	785	31.4	5.0	176	DS101
				315	-	1777	1599	33.2	10.5	170	-	1675	1508	32.3	10.2	164	
				630	1x	3387	3048	34.8	21.9	154	0.20	3048	2743	33.9	21.4	143	
				945	1.5x	4867	4380	36.0	34.0	143	-	4552	4096	35.1	33.2	137	
				1260	2x	6210	5589	37.2	46.9	132	0.24	5788	5209	36.3	45.8	126	
V13	BXRE-30G2000-B-7x	3000K	90	113	-	550	495	32.3	3.6	151	-	508	457	31.4	3.6	143	DS101
				225	-	1062	956	33.2	7.5	142	-	974	877	32.3	7.3	134	
				450	1x	2008	1807	34.8	15.7	128	0.28	1807	1626	33.9	15.3	118	
				675	1.5x	2905	2614	36.0	24.3	120	-	2637	2373	35.1	23.7	111	
				900	2x	3705	3334	37.2	33.5	111	0.34	3346	3011	36.3	32.7	102	
V13	BXRE-30G2000-C-7x	3000K	90	158	-	764	688	32.3	5.1	150	-	724	652	31.4	5.0	146	DS101
				315	-	1475	1328	33.2	10.5	141	-	1390	1251	32.3	10.2	136	
				630	1x	2811	2530	34.8	21.9	128	0.20	2530	2277	33.9	21.4	118	
				945	1.5x	4039	3636	36.0	34.0	119	-	3778	3400	35.1	33.2	114	
				1260	2x	5154	4639	37.2	46.9	110	0.24	4804	4324	36.3	45.8	105	
V13	BXRE-35E2000-B-7x	3500K	80	113	-	683	615	32.3	3.6	187	-	630	567	31.4	3.6	177	DS101
				225	-	1318	1186	33.2	7.5	176	-	1209	1088	32.3	7.3	166	
				450	1x	2492	2243	34.8	15.7	159	0.28	2243	2019	33.9	15.3	147	
				675	1.5x	3606	3245	36.0	24.3	148	-	3273	2946	35.1	23.7	138	
				900	2x	4598	4139	37.2	33.5	137	0.34	4153	3738	36.3	32.7	127	
V13	BXRE-35E2000-C-7x	3500K	80	158	-	948	854	32.3	5.1	186	-	898	809	31.4	5.0	181	DS101
				315	-	1830	1648	33.2	10.5	175	-	1725	1553	32.3	10.2	169	
				630	1x	3488	3140	34.8	21.9	159	0.20	3139	2826	33.9	21.4	147	
				945	1.5x	5012	4512	36.0	34.0	147	-	4688	4220	35.1	33.2	141	
				1260	2x	6396	5757	37.2	46.9	136	0.24	5961	5366	36.3	45.8	130	
V13	BXRE-35G2000-B-7x	3500K	90	113	-	570	513	32.3	3.6	156	-	526	474	31.4	3.6	148	DS101
				225	-	1101	991	33.2	7.5	147	-	1010	909	32.3	7.3	139	
				450	1x	2081	1873	34.8	15.7	133	0.28	1873	1686	33.9	15.3	123	
				675	1.5x	3011	2710	36.0	24.3	124	-	2733	2460	35.1	23.7	115	
				900	2x	3840	3456	37.2	33.5	115	0.34	3468	3121	36.3	32.7	106	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	Vf T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	Vf T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V13	BXRE-35G2000-C-7x	3500K	90	158	-	792	713	32.3	5.1	155	-	750	675	31.4	5.0	151	DS101
				315	-	1529	1375	33.2	10.5	146	-	1441	1296	32.3	10.2	141	
				630	1x	2913	2621	34.8	21.9	133	0.20	2622	2359	33.9	21.4	123	
				945	1.5x	4186	3766	36.0	34.0	123	-	3915	3522	35.1	33.2	118	
				1260	2x	5341	4806	37.2	46.9	114	0.24	4978	4479	36.3	45.8	109	
V13	BXRE-40E2000-B-7x	4000K	80	113	-	689	621	32.3	3.6	189	-	636	573	31.4	3.6	179	DS101
				225	-	1331	1198	33.2	7.5	178	-	1221	1099	32.3	7.3	168	
				450	1x	2516	2265	34.8	15.7	161	0.28	2264	2039	33.9	15.3	148	
				675	1.5x	3640	3277	36.0	24.3	150	-	3304	2975	35.1	23.7	139	
				900	2x	4642	4179	37.2	33.5	139	0.34	4193	3775	36.3	32.7	128	
V13	BXRE-40E2000-C-7x	4000K	80	158	-	958	862	32.3	5.1	188	-	907	816	31.4	5.0	183	DS101
				315	-	1848	1663	33.2	10.5	177	-	1742	1568	32.3	10.2	171	
				630	1x	3522	3170	34.8	21.9	161	0.20	3170	2853	33.9	21.4	148	
				945	1.5x	5061	4555	36.0	34.0	149	-	4733	4260	35.1	33.2	143	
				1260	2x	6458	5812	37.2	46.9	138	0.24	6019	5417	36.3	45.8	131	
V13	BXRE-40G2000-B-7x	4000K	90	113	-	590	531	32.3	3.6	162	-	545	490	31.4	3.6	153	DS101
				225	-	1139	1025	33.2	7.5	152	-	1045	940	32.3	7.3	144	
				450	1x	2153	1938	34.8	15.7	137	0.28	1938	1744	33.9	15.3	127	
				675	1.5x	3115	2804	36.0	24.3	128	-	2827	2545	35.1	23.7	119	
				900	2x	3973	3576	37.2	33.5	119	0.34	3588	3230	36.3	32.7	110	
V13	BXRE-40G2000-C-7x	4000K	90	158	-	819	738	32.3	5.1	161	-	776	699	31.4	5.0	156	DS101
				315	-	1582	1424	33.2	10.5	151	-	1491	1342	32.3	10.2	146	
				630	1x	3014	2713	34.8	21.9	137	0.20	2713	2442	33.9	21.4	127	
				945	1.5x	4331	3899	36.0	34.0	127	-	4050	3646	35.1	33.2	122	
				1260	2x	5526	4975	37.2	46.9	118	0.24	5151	4636	36.3	45.8	112	
V13	BXRE-50C2001-B-74	5000K	70	113	-	756	680	32.3	3.6	207	-	698	628	31.4	3.6	196	DS101
				225	-	1459	1313	33.2	7.5	195	-	1338	1204	32.3	7.3	184	
				450	1x	2758	2482	34.8	15.7	176	0.28	2482	2234	33.9	15.3	162	
				675	1.5x	3990	3591	36.0	24.3	164	-	3622	3259	35.1	23.7	153	
				900	2x	5089	4580	37.2	33.5	152	0.34	4596	4136	36.3	32.7	141	
V13	BXRE-50C2001-C-74	5000K	70	158	-	1050	945	32.3	5.1	206	-	994	895	31.4	5.0	200	DS101
				315	-	2026	1824	33.2	10.5	194	-	1910	1719	32.3	10.2	187	
				630	1x	3861	3475	34.8	21.9	176	0.20	3475	3128	33.9	21.4	162	
				945	1.5x	5548	4994	36.0	34.0	163	-	5189	4670	35.1	33.2	156	
				1260	2x	7079	6372	37.2	46.9	151	0.24	6598	5939	36.3	45.8	144	
V13	BXRE-50E2001-B-74	5000K	80	113	-	711	640	32.3	3.6	195	-	656	590	31.4	3.6	185	DS101
				225	-	1371	1234	33.2	7.5	184	-	1258	1133	32.3	7.3	173	
				450	1x	2593	2334	34.8	15.7	166	0.28	2334	2101	33.9	15.3	153	
				675	1.5x	3752	3377	36.0	24.3	154	-	3405	3065	35.1	23.7	144	
				900	2x	4784	4306	37.2	33.5	143	0.34	4321	3890	36.3	32.7	132	
V13	BXRE-50E2001-C-74	5000K	80	158	-	987	888	32.3	5.1	193	-	935	841	31.4	5.0	188	DS101
				315	-	1904	1714	33.2	10.5	182	-	1795	1616	32.3	10.2	176	
				630	1x	3629	3266	34.8	21.9	166	0.20	3266	2939	33.9	21.4	153	
				945	1.5x	5215	4693	36.0	34.0	153	-	4877	4389	35.1	33.2	147	
				1260	2x	6654	5988	37.2	46.9	142	0.24	6202	5582	36.3	45.8	135	
V13	BXRE-50G2001-B-74	5000K	90	113	-	605	544	32.3	3.6	166	-	558	502	31.4	3.6	157	DS101
				225	-	1167	1050	33.2	7.5	156	-	1071	964	32.3	7.3	147	
				450	1x	2207	1986	34.8	15.7	141	0.28	1986	1787	33.9	15.3	130	
				675	1.5x	3193	2873	36.0	24.3	131	-	2898	2608	35.1	23.7	122	
				900	2x	4072	3664	37.2	33.5	122	0.34	3678	3310	36.3	32.7	112	
V13	BXRE-50G2001-C-74	5000K	90	158	-	840	756	32.3	5.1	165	-	796	716	31.4	5.0	160	DS101
				315	-	1621	1459	33.2	10.5	155	-	1528	1375	32.3	10.2	150	
				630	1x	3089	2780	34.8	21.9	141	0.20	2780	2502	33.9	21.4	130	
				945	1.5x	4439	3995	36.0	34.0	130	-	4151	3736	35.1	33.2	125	
				1260	2x	5664	5097	37.2	46.9	121	0.24	5279	4751	36.3	45.8	115	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V13	BXRE-57C2001-B-74	5700K	70	113	-	729	656	32.3	3.6	200	-	673	606	31.4	3.6	189	DS101
				225	-	1408	1267	33.2	7.5	188	-	1292	1162	32.3	7.3	177	
				450	1x	2662	2395	34.8	15.7	170	0.28	2396	2156	33.9	15.3	157	
				675	1.5x	3852	3465	36.0	24.3	158	-	3496	3145	35.1	23.7	147	
				900	2x	4912	4419	37.2	33.5	147	0.34	4436	3991	36.3	32.7	136	
V13	BXRE-57C2001-C-74	5700K	70	158	-	1013	912	32.3	5.1	198	-	959	864	31.4	5.0	193	DS101
				315	-	1955	1760	33.2	10.5	187	-	1843	1659	32.3	10.2	181	
				630	1x	3725	3353	34.8	21.9	170	0.20	3353	3018	33.9	21.4	157	
				945	1.5x	5353	4818	36.0	34.0	157	-	5006	4506	35.1	33.2	151	
				1260	2x	6830	6148	37.2	46.9	146	0.24	6366	5730	36.3	45.8	139	
V13	BXRE-57E2001-B-74	5700K	80	113	-	723	651	32.3	3.6	198	-	667	600	31.4	3.6	188	DS101
				225	-	1395	1255	33.2	7.5	187	-	1280	1152	32.3	7.3	176	
				450	1x	2637	2374	34.8	15.7	168	0.28	2373	2137	33.9	15.3	155	
				675	1.5x	3815	3435	36.0	24.3	157	-	3463	3118	35.1	23.7	146	
				900	2x	4866	4380	37.2	33.5	145	0.34	4395	3956	36.3	32.7	134	
V13	BXRE-57E2001-C-74	5700K	80	158	-	1004	903	32.3	5.1	197	-	951	856	31.4	5.0	191	DS101
				315	-	1937	1743	33.2	10.5	185	-	1826	1643	32.3	10.2	179	
				630	1x	3692	3322	34.8	21.9	168	0.20	3323	2990	33.9	21.4	155	
				945	1.5x	5305	4774	36.0	34.0	156	-	4962	4464	35.1	33.2	149	
				1260	2x	6770	6091	37.2	46.9	144	0.24	6310	5677	36.3	45.8	138	
V13	BXRE-65C2001-B-74	6500K	70	113	-	743	668	32.3	3.6	203	-	685	617	31.4	3.6	193	DS101
				225	-	1433	1290	33.2	7.5	192	-	1315	1184	32.3	7.3	181	
				450	1x	2710	2439	34.8	15.7	173	0.28	2439	2195	33.9	15.3	160	
				675	1.5x	3921	3529	36.0	24.3	161	-	3559	3203	35.1	23.7	150	
				900	2x	5000	4500	37.2	33.5	149	0.34	4516	4065	36.3	32.7	138	
V13	BXRE-65C2001-C-74	6500K	70	158	-	1031	928	32.3	5.1	202	-	977	879	31.4	5.0	197	DS101
				315	-	1990	1792	33.2	10.5	190	-	1876	1689	32.3	10.2	184	
				630	1x	3793	3414	34.8	21.9	173	0.20	3414	3073	33.9	21.4	160	
				945	1.5x	5451	4906	36.0	34.0	160	-	5097	4588	35.1	33.2	153	
				1260	2x	6955	6260	37.2	46.9	148	0.24	6482	5834	36.3	45.8	142	
V13	BXRE-65E2001-B-74	6500K	80	113	-	736	662	32.3	3.6	202	-	679	611	31.4	3.6	191	DS101
				225	-	1420	1278	33.2	7.5	190	-	1303	1173	32.3	7.3	179	
				450	1x	2686	2417	34.8	15.7	172	0.28	2417	2175	33.9	15.3	158	
				675	1.5x	3886	3497	36.0	24.3	160	-	3527	3174	35.1	23.7	149	
				900	2x	4956	4460	37.2	33.5	148	0.34	4476	4028	36.3	32.7	137	
V13	BXRE-65E2001-C-74	6500K	80	158	-	1022	920	32.3	5.1	200	-	968	871	31.4	5.0	195	DS101
				315	-	1973	1775	33.2	10.5	189	-	1859	1673	32.3	10.2	182	
				630	1x	3759	3383	34.8	21.9	171	0.20	3383	3045	33.9	21.4	158	
				945	1.5x	5402	4861	36.0	34.0	159	-	5052	4546	35.1	33.2	152	
				1260	2x	6892	6203	37.2	46.9	147	0.24	6424	5781	36.3	45.8	140	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V18	BXRE-27E4000-B-7x	2700K	80	450	-	2456	2211	33.2	14.9	164	-	2250	2025	32.3	14.6	155	DS102
				600	-	3219	2897	33.8	20.3	159	-	2943	2649	32.9	19.8	149	
				900	1x	4644	4180	34.8	31.3	148	0.15	4180	3762	33.9	30.6	137	
				1350	1.5x	6719	6048	36.3	49.0	137	-	6095	5486	35.4	47.9	127	
				1800	2x	8569	7713	37.5	67.5	127	0.18	7736	6963	36.6	66.0	117	
V18	BXRE-27E4000-C-7x	2700K	80	585	-	3110	2799	33.2	19.4	160	-	2740	2466	32.3	18.9	145	DS102
				780	-	4073	3666	33.8	26.4	154	-	3569	3212	32.9	25.7	139	
				1170	1x	6038	5434	34.8	40.7	148	0.11	5434	4891	33.9	39.7	137	
				1755	1.5x	8476	7628	36.2	63.5	133	-	7234	6510	35.3	62.0	117	
				2340	2x	10787	9708	37.5	87.8	123	0.13	9047	8142	36.6	85.8	106	
V18	BXRE-27G4000-B-7x	2700K	90	450	-	2047	1842	33.2	14.9	137	-	1875	1687	32.3	14.6	129	DS102
				600	-	2682	2414	33.8	20.3	132	-	2452	2207	32.9	19.8	124	
				900	1x	3870	3483	34.8	31.3	124	0.15	3483	3135	33.9	30.6	114	
				1350	1.5x	5599	5039	36.3	49.0	114	-	5079	4571	35.4	47.9	106	
				1800	2x	7141	6426	37.5	67.5	106	0.18	6446	5802	36.6	66.0	98	
V18	BXRE-27G4000-C-7x	2700K	90	585	-	2592	2333	33.2	19.4	133	-	2283	2055	32.3	18.9	121	DS102
				780	-	3395	3055	33.8	26.4	129	-	2974	2677	32.9	25.7	116	
				1170	1x	5032	4529	34.8	40.7	124	0.11	4529	4076	33.9	39.7	114	
				1755	1.5x	7064	6358	36.2	63.5	111	-	6029	5426	35.3	62.0	97	
				2340	2x	8990	8091	37.5	87.8	102	0.13	7540	6786	36.6	85.8	88	
V18	BXRE-30E4000-B-7x	3000K	80	450	-	2570	2303	33.2	14.9	172	-	2354	2109	32.3	14.6	162	DS102
				600	-	3368	3018	33.8	20.3	166	-	3080	2759	32.9	19.8	156	
				900	1x	4860	4354	34.8	31.3	155	0.15	4374	3919	33.9	30.6	143	
				1350	1.5x	7032	6300	36.3	49.0	143	-	6379	5714	35.4	47.9	133	
				1800	2x	8967	8034	37.5	67.5	133	0.18	8095	7252	36.6	66.0	123	
V18	BXRE-30E4000-C-7x	3000K	80	585	-	3254	2916	33.2	19.4	168	-	2867	2569	32.3	18.9	151	DS102
				780	-	4262	3819	33.8	26.4	162	-	3735	3346	32.9	25.7	145	
				1170	1x	6318	5661	34.8	40.7	155	0.11	5686	5095	33.9	39.7	143	
				1755	1.5x	8869	7947	36.2	63.5	140	-	7570	6782	35.3	62.0	122	
				2340	2x	11288	10114	37.5	87.8	129	0.13	9467	8482	36.6	85.8	110	
V18	BXRE-30G4000-B-7x	3000K	90	450	-	2123	1911	33.2	14.9	142	-	1945	1751	32.3	14.6	134	DS102
				600	-	2783	2505	33.8	20.3	137	-	2544	2290	32.9	19.8	129	
				900	1x	4015	3614	34.8	31.3	128	0.15	3614	3253	33.9	30.6	118	
				1350	1.5x	5809	5229	36.3	49.0	119	-	5269	4743	35.4	47.9	110	
				1800	2x	7408	6668	37.5	67.5	110	0.18	6688	6020	36.6	66.0	101	
V18	BXRE-30G4000-C-7x	3000K	90	585	-	2689	2420	33.2	19.4	138	-	2369	2132	32.3	18.9	125	DS102
				780	-	3522	3170	33.8	26.4	134	-	3086	2778	32.9	25.7	120	
				1170	1x	5221	4699	34.8	40.7	128	0.11	4699	4229	33.9	39.7	118	
				1755	1.5x	7329	6596	36.2	63.5	115	-	6255	5630	35.3	62.0	101	
				2340	2x	9328	8395	37.5	87.8	106	0.13	7823	7041	36.6	85.8	91	
V18	BXRE-35E4000-B-7x	3500K	80	450	-	2635	2371	33.2	14.9	176	-	2414	2172	32.3	14.6	166	DS102
				600	-	3454	3108	33.8	20.3	170	-	3158	2842	32.9	19.8	160	
				900	1x	4983	4484	34.8	31.3	159	0.15	4485	4036	33.9	30.6	147	
				1350	1.5x	7210	6488	36.3	49.0	147	-	6540	5885	35.4	47.9	137	
				1800	2x	9194	8273	37.5	67.5	136	0.18	8300	7469	36.6	66.0	126	
V18	BXRE-35E4000-C-7x	3500K	80	585	-	3337	3003	33.2	19.4	172	-	2940	2646	32.3	18.9	155	DS102
				780	-	4371	3934	33.8	26.4	166	-	3830	3447	32.9	25.7	149	
				1170	1x	6479	5831	34.8	40.7	159	0.11	5831	5248	33.9	39.7	147	
				1755	1.5x	9095	8186	36.2	63.5	143	-	7762	6986	35.3	62.0	125	
				2340	2x	11575	10417	37.5	87.8	132	0.13	9708	8737	36.6	85.8	113	
V18	BXRE-35G4000-B-7x	3500K	90	450	-	2200	1980	33.2	14.9	147	-	2015	1814	32.3	14.6	138	DS102
				600	-	2883	2595	33.8	20.3	142	-	2636	2373	32.9	19.8	133	
				900	1x	4160	3744	34.8	31.3	133	0.15	3744	3370	33.9	30.6	123	
				1350	1.5x	6019	5417	36.3	49.0	123	-	5460	4914	35.4	47.9	114	
				1800	2x	7676	6908	37.5	67.5	114	0.18	6929	6236	36.6	66.0	105	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V18	BXRE-35G4000-C-7x	3500K	90	585	-	2786	2507	33.2	19.4	143	-	2454	2209	32.3	18.9	130	DS102
				780	-	3649	3284	33.8	26.4	138	-	3197	2878	32.9	25.7	124	
				1170	1x	5409	4868	34.8	40.7	133	0.11	4868	4381	33.9	39.7	123	
				1755	1.5x	7593	6834	36.2	63.5	120	-	6481	5832	35.3	62.0	104	
				2340	2x	9664	8697	37.5	87.8	110	0.13	8105	7294	36.6	85.8	95	
V18	BXRE-40E4000-B-7x	4000K	80	450	-	2661	2395	33.2	14.9	178	-	2437	2194	32.3	14.6	167	DS102
				600	-	3487	3138	33.8	20.3	172	-	3188	2869	32.9	19.8	161	
				900	1x	5031	4528	34.8	31.3	161	0.11	4528	4075	33.9	30.6	148	
				1350	1.5x	7279	6551	36.3	49.0	149	-	6603	5943	35.4	47.9	138	
				1800	2x	9283	8355	37.5	67.5	138	0.13	8380	7542	36.6	66.0	127	
V18	BXRE-40E4000-C-7x	4000K	80	585	-	3369	3032	33.2	19.4	173	-	2968	2671	32.3	18.9	157	DS102
				780	-	4413	3971	33.8	26.4	167	-	3866	3480	32.9	25.7	150	
				1170	1x	6541	5887	34.8	40.7	161	0.15	5887	5298	33.9	39.7	148	
				1755	1.5x	9182	8264	36.2	63.5	145	-	7837	7053	35.3	62.0	126	
				2340	2x	11686	10518	37.5	87.8	133	0.18	9801	8821	36.6	85.8	114	
V18	BXRE-40G4000-B-7x	4000K	90	450	-	2277	2049	33.2	14.9	152	-	2086	1877	32.3	14.6	143	DS102
				600	-	2984	2686	33.8	20.3	147	-	2728	2456	32.9	19.8	138	
				900	1x	4305	3875	34.8	31.3	137	0.11	3875	3488	33.9	30.6	127	
				1350	1.5x	6229	5607	36.3	49.0	127	-	5650	5086	35.4	47.9	118	
				1800	2x	7943	7150	37.5	67.5	118	0.13	7171	6455	36.6	66.0	109	
V18	BXRE-40G4000-C-7x	4000K	90	585	-	2883	2595	33.2	19.4	148	-	2540	2286	32.3	18.9	134	DS102
				780	-	3776	3399	33.8	26.4	143	-	3309	2978	32.9	25.7	129	
				1170	1x	5598	5038	34.8	40.7	137	0.15	5038	4534	33.9	39.7	127	
				1755	1.5x	7858	7072	36.2	63.5	124	-	6707	6036	35.3	62.0	108	
				2340	2x	10001	9001	37.5	87.8	114	0.18	8388	7549	36.6	85.8	98	
V18	BXRE-50C4001-B-74	5000K	70	450	-	2917	2625	33.2	14.9	195	-	2672	2404	32.3	14.6	184	DS102
				600	-	3822	3440	33.8	20.3	188	-	3495	3145	32.9	19.8	177	
				900	1x	5515	4963	34.8	31.3	176	0.11	4964	4467	33.9	30.6	162	
				1350	1.5x	7979	7181	36.3	49.0	163	-	7238	6514	35.4	47.9	151	
				1800	2x	10176	9157	37.5	67.5	151	0.13	9186	8267	36.6	66.0	139	
V18	BXRE-50C4001-C-74	5000K	70	585	-	3693	3324	33.2	19.4	190	-	3253	2928	32.3	18.9	172	DS102
				780	-	4837	4353	33.8	26.4	183	-	4238	3814	32.9	25.7	165	
				1170	1x	7170	6453	34.8	40.7	176	0.15	6453	5808	33.9	39.7	162	
				1755	1.5x	10065	9059	36.2	63.5	158	-	8590	7731	35.3	62.0	138	
				2340	2x	12810	11529	37.5	87.8	146	0.18	10744	9669	36.6	85.8	125	
V18	BXRE-50E4001-B-74	5000K	80	450	-	2742	2468	33.2	14.9	184	-	2511	2260	32.3	14.6	173	DS102
				600	-	3593	3234	33.8	20.3	177	-	3285	2957	32.9	19.8	166	
				900	1x	5184	4666	34.8	31.3	166	0.11	4666	4199	33.9	30.6	153	
				1350	1.5x	7500	6751	36.3	49.0	153	-	6804	6124	35.4	47.9	142	
				1800	2x	9565	8609	37.5	67.5	142	0.13	8635	7772	36.6	66.0	131	
V18	BXRE-50E4001-C-74	5000K	80	585	-	3472	3124	33.2	19.4	179	-	3058	2752	32.3	18.9	162	DS102
				780	-	4547	4092	33.8	26.4	172	-	3984	3586	32.9	25.7	155	
				1170	1x	6740	6066	34.8	40.7	166	0.15	6066	5459	33.9	39.7	153	
				1755	1.5x	9462	8515	36.2	63.5	149	-	8075	7268	35.3	62.0	130	
				2340	2x	12041	10837	37.5	87.8	137	0.18	10099	9089	36.6	85.8	118	
V18	BXRE-50G4001-B-74	5000K	90	450	-	2333	2100	33.2	14.9	156	-	2137	1924	32.3	14.6	147	DS102
				600	-	3058	2752	33.8	20.3	151	-	2796	2516	32.9	19.8	141	
				900	1x	4412	3971	34.8	31.3	141	0.11	3971	3574	33.9	30.6	130	
				1350	1.5x	6384	5745	36.3	49.0	130	-	5791	5212	35.4	47.9	121	
				1800	2x	8141	7327	37.5	67.5	121	0.13	7349	6614	36.6	66.0	111	
V18	BXRE-50G4001-C-74	5000K	90	585	-	2954	2659	33.2	19.4	152	-	2603	2343	32.3	18.9	138	DS102
				780	-	3869	3483	33.8	26.4	147	-	3391	3052	32.9	25.7	132	
				1170	1x	5736	5163	34.8	40.7	141	0.15	5162	4647	33.9	39.7	130	
				1755	1.5x	8052	7248	36.2	63.5	127	-	6872	6186	35.3	62.0	111	
				2340	2x	10248	9224	37.5	87.8	117	0.18	8595	7736	36.6	85.8	100	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	Vf T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	Vf T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V18	BXRE-57C4001-B-74	5700K	70	450	-	2814	2533	33.2	14.9	188	-	2578	2320	32.3	14.6	177	DS102
				600	-	3688	3319	33.8	20.3	182	-	3372	3035	32.9	19.8	171	
				900	1x	5321	4789	34.8	31.3	170	0.11	4789	4310	33.9	30.6	157	
				1350	1.5x	7699	6929	36.3	49.0	157	-	6984	6285	35.4	47.9	146	
				1800	2x	9818	8836	37.5	67.5	145	0.13	8863	7977	36.6	66.0	134	
V18	BXRE-57C4001-C-74	5700K	70	585	-	3564	3207	33.2	19.4	183	-	3139	2825	32.3	18.9	166	DS102
				780	-	4668	4201	33.8	26.4	177	-	4090	3681	32.9	25.7	159	
				1170	1x	6919	6227	34.8	40.7	170	0.15	6227	5604	33.9	39.7	157	
				1755	1.5x	9713	8741	36.2	63.5	153	-	8290	7461	35.3	62.0	134	
				2340	2x	12361	11125	37.5	87.8	141	0.18	10367	9331	36.6	85.8	121	
V18	BXRE-57E4001-B-74	5700K	80	450	-	2789	2510	33.2	14.9	187	-	2555	2299	32.3	14.6	175	DS102
				600	-	3655	3289	33.8	20.3	180	-	3342	3008	32.9	19.8	169	
				900	1x	5273	4746	34.8	31.3	168	0.11	4746	4271	33.9	30.6	155	
				1350	1.5x	7629	6867	36.3	49.0	156	-	6921	6229	35.4	47.9	145	
				1800	2x	9729	8757	37.5	67.5	144	0.13	8783	7905	36.6	66.0	133	
V18	BXRE-57E4001-C-74	5700K	80	585	-	3531	3178	33.2	19.4	182	-	3111	2800	32.3	18.9	164	DS102
				780	-	4625	4162	33.8	26.4	175	-	4053	3647	32.9	25.7	158	
				1170	1x	6856	6170	34.8	40.7	168	0.15	6170	5553	33.9	39.7	155	
				1755	1.5x	9624	8661	36.2	63.5	151	-	8214	7392	35.3	62.0	132	
				2340	2x	12249	11023	37.5	87.8	140	0.18	10273	9245	36.6	85.8	120	
V18	BXRE-65C4001-B-74	6500K	70	450	-	2865	2579	33.2	14.9	192	-	2625	2362	32.3	14.6	180	DS102
				600	-	3755	3380	33.8	20.3	185	-	3433	3090	32.9	19.8	174	
				900	1x	5418	4876	34.8	31.3	173	0.11	4876	4388	33.9	30.6	160	
				1350	1.5x	7839	7055	36.3	49.0	160	-	7111	6400	35.4	47.9	149	
				1800	2x	9997	8997	37.5	67.5	148	0.13	9025	8122	36.6	66.0	137	
V18	BXRE-65C4001-C-74	6500K	70	585	-	3629	3266	33.2	19.4	187	-	3197	2877	32.3	18.9	169	DS102
				780	-	4753	4277	33.8	26.4	180	-	4164	3748	32.9	25.7	162	
				1170	1x	7045	6340	34.8	40.7	173	0.15	6341	5706	33.9	39.7	160	
				1755	1.5x	9890	8900	36.2	63.5	156	-	8441	7596	35.3	62.0	136	
				2340	2x	12586	11327	37.5	87.8	143	0.18	10556	9500	36.6	85.8	123	
V18	BXRE-65E4001-B-74	6500K	80	450	-	2840	2556	33.2	14.9	190	-	2601	2341	32.3	14.6	179	DS102
				600	-	3722	3350	33.8	20.3	184	-	3403	3063	32.9	19.8	172	
				900	1x	5370	4833	34.8	31.3	171	0.11	4833	4350	33.9	30.6	158	
				1350	1.5x	7770	6993	36.3	49.0	159	-	7048	6343	35.4	47.9	147	
				1800	2x	9908	8917	37.5	67.5	147	0.13	8945	8050	36.6	66.0	136	
V18	BXRE-65E4001-C-74	6500K	80	585	-	3596	3237	33.2	19.4	185	-	3168	2851	32.3	18.9	167	DS102
				780	-	4710	4239	33.8	26.4	179	-	4127	3715	32.9	25.7	161	
				1170	1x	6982	6284	34.8	40.7	171	0.15	6284	5656	33.9	39.7	158	
				1755	1.5x	9801	8821	36.2	63.5	154	-	8365	7529	35.3	62.0	135	
				2340	2x	12474	11227	37.5	87.8	142	0.18	10462	9416	36.6	85.8	122	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V22	BXRE-27E6500-B-7x	2700K	80	585	-	4846	4361	49.6	29.0	167	-	4483	4034	48.3	28.2	159	DS103
				780	-	6291	5661	50.5	39.4	160	-	5751	5176	49.2	38.4	150	
				1170	1x	9056	8150	52.0	60.8	149	0.07	8163	7347	50.7	59.3	138	
				1755	1.5x	12894	11604	54.3	95.3	135	-	11472	10324	53.0	93.0	123	
V22	BXRE-27E6500-C-7x	2700K	80	2340	2x	16361	14724	56.2	131.5	124	0.09	14408	12967	54.9	128.4	112	DS103
				720	-	6222	5600	49.6	35.7	174	-	5284	4756	48.3	34.8	152	
				960	-	7915	7123	50.5	48.5	163	-	6923	6231	49.2	47.2	147	
				1440	1x	11147	10032	52.0	74.9	149	0.06	10048	9043	50.7	73.0	138	
V22	BXRE-27E6500-D-7x	2700K	80	2160	1.5x	15609	14048	54.2	117.1	133	-	14350	12915	52.9	114.2	126	DS103
				2880	2x	19609	17648	55.9	161.0	122	0.08	18190	16370	54.6	157.2	116	
				700	-	3700	3330	33.2	23.3	159	-	3410	3069	32.0	22.4	152	
				1050	-	5452	4906	34.2	35.9	152	-	5000	4500	32.8	34.5	145	
V22	BXRE-27E6500-D-7x	2700K	80	1400	1x	7167	6451	35	49.0	146	0.07	6522	5870	33	46.9	139	DS103
				2100	1.5x	10363	9327	36.4	76.5	135	-	9309	8378	34.8	73.1	127	
				2800	2x	13345	12011	37.7	105.6	126	0.08	11864	10678	36.0	100.7	118	
				700	-	3700	3330	33.2	23.3	159	-	3410	3069	32.0	22.4	152	
V22	BXRE-27G6500-B-7x	2700K	90	585	-	4038	3634	49.6	29.0	139	-	3736	3362	48.3	28.2	132	DS103
				780	-	5242	4718	50.5	39.4	133	-	4793	4313	49.2	38.4	125	
				1170	1x	7547	6792	52.0	60.8	124	0.07	6803	6122	50.7	59.3	115	
				1755	1.5x	10746	9671	54.3	95.3	113	-	9560	8604	53.0	93.0	103	
V22	BXRE-27G6500-C-7x	2700K	90	2340	2x	13634	12270	56.2	131.5	104	0.09	12007	10806	54.9	128.4	94	DS103
				720	-	5185	4667	49.6	35.7	145	-	4403	3963	48.3	34.8	127	
				960	-	6596	5936	50.5	48.5	136	-	5769	5192	49.2	47.2	122	
				1440	1x	9289	8360	52.0	74.9	124	0.06	8373	7536	50.7	73.0	115	
V22	BXRE-27G6500-D-7x	2700K	90	2160	1.5x	13008	11707	54.2	117.1	111	-	11958	10762	52.9	114.2	105	DS103
				2880	2x	16341	14707	55.9	161.0	102	0.08	15158	13642	54.6	157.2	96	
				700	-	3083	2775	33.2	23.3	133	-	2841	2557	32.0	22.4	127	
				1050	-	4543	4089	34.2	35.9	126	-	4166	3750	32.8	34.5	121	
V22	BXRE-27G6500-D-7x	2700K	90	1400	1x	5973	5376	35	49.0	122	0.07	5435	4892	33	46.9	116	DS103
				2100	1.5x	8636	7772	36.4	76.5	113	-	7758	6982	34.8	73.1	106	
				2800	2x	11121	10009	37.7	105.6	105	0.08	9887	8898	36.0	100.7	98	
				700	-	3083	2775	33.2	23.3	133	-	2841	2557	32.0	22.4	127	
V22	BXRE-30E6500-B-7x	3000K	80	585	-	5048	4543	49.6	29.0	174	-	4670	4203	48.3	28.2	165	DS103
				780	-	6552	5897	50.5	39.4	166	-	5990	5392	49.2	38.4	156	
				1170	1x	9433	8490	52.0	60.8	155	0.07	8503	7653	50.7	59.3	143	
				1755	1.5x	13431	12088	54.3	95.3	141	-	11949	10755	53.0	93.0	129	
V22	BXRE-30E6500-C-7x	3000K	80	2340	2x	17042	15338	56.2	131.5	130	0.09	15008	13508	54.9	128.4	117	DS103
				720	-	6481	5833	49.6	35.7	181	-	5504	4954	48.3	34.8	158	
				960	-	8245	7420	50.5	48.5	170	-	7212	6491	49.2	47.2	153	
				1440	1x	11611	10450	52.0	74.9	155	0.06	10466	9420	50.7	73.0	143	
V22	BXRE-30E6500-D-7x	3000K	80	2160	1.5x	16259	14633	54.2	117.1	139	-	14947	13453	52.9	114.2	131	DS103
				2880	2x	20426	18383	55.9	161.0	127	0.08	18947	17052	54.6	157.2	121	
				700	-	3854	3469	33.2	23.3	166	-	3552	3197	32.0	22.4	158	
				1050	-	5679	5111	34.2	35.9	158	-	5208	4687	32.8	34.5	151	
V22	BXRE-30E6500-D-7x	3000K	80	1400	1x	7466	6719	35	49.0	152	0.07	6794	6115	33	46.9	145	DS103
				2100	1.5x	10795	9715	36.4	76.5	141	-	9697	8727	34.8	73.1	133	
				2800	2x	13902	12511	37.7	105.6	132	0.08	12358	11123	36.0	100.7	123	
				700	-	4190	3771	49.6	29.0	144	-	3876	3488	48.3	28.2	137	
V22	BXRE-30G6500-B-7x	3000K	90	585	-	5439	4895	50.5	39.4	138	-	4972	4475	49.2	38.4	130	DS103
				780	-	6843	6158	50.5	48.5	141	-	5986	5387	49.2	47.2	127	
				1170	1x	7830	7047	52.0	60.8	129	0.07	7058	6352	50.7	59.3	119	
				1755	1.5x	11149	10034	54.3	95.3	117	-	9919	8927	53.0	93.0	107	
V22	BXRE-30G6500-C-7x	3000K	90	2340	2x	14146	12731	56.2	131.5	108	0.09	12458	11212	54.9	128.4	97	DS103
				720	-	5379	4841	49.6	35.7	151	-	4568	4111	48.3	34.8	131	
				960	-	6843	6158	50.5	48.5	141	-	5986	5387	49.2	47.2	127	
				1440	1x	9637	8673	52.0	74.9	129	0.06	8687	7818	50.7	73.0	119	
V22	BXRE-30G6500-D-7x	3000K	90	2160	1.5x	13495	12145	54.2	117.1	115	-	12406	11165	52.9	114.2	109	DS103
				2880	2x	16953	15257	55.9	161.0	105	0.08	15726	14153	54.6	157.2	100	
				700	-	3199	2879	33.2	23.3	137	-	2948	2653	32.0	22.4	132	
				1050	-	4713	4242	34.2	35.9	131	-	4323	3890	32.8	34.5	125	
V22	BXRE-30G6500-D-7x	3000K	90	1400	1x	6197	5577	35	49.0	126	0.07	5639	5075	33	46.9	120	DS103
				2100	1.5x	8959	8064	36.4	76.5	117	-	8048	7244	34.8	73.1	110	
				2800	2x	11538	10384	37.7	105.6	109	0.08	10257	9232	36.0	100.7	102	
				700	-	3199	2879	33.2	23.3	137	-	2948	2653	32.0	22.4	132	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	Vf T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	Vf T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V22	BXRE-35E6500-B-7x	3500K	80	585	-	5199	4679	49.6	29.0	179	-	4810	4329	48.3	28.2	170	DS103
				780	-	6749	6075	50.5	39.4	171	-	6170	5554	49.2	38.4	161	
				1170	1x	9716	8745	52.0	60.8	160	0.07	8758	7883	50.7	59.3	148	
				1755	1.5x	13834	12451	54.3	95.3	145	-	12308	11078	53.0	93.0	132	
				2340	2x	17553	15799	56.2	131.5	133	0.09	15458	13914	54.9	128.4	120	
V22	BXRE-35E6500-C-7x	3500K	80	720	-	6676	6008	49.6	35.7	187	-	5669	5102	48.3	34.8	163	DS103
				960	-	8492	7643	50.5	48.5	175	-	7428	6685	49.2	47.2	157	
				1440	1x	11959	10763	52.0	74.9	160	0.06	10780	9702	50.7	73.0	148	
				2160	1.5x	16746	15072	54.2	117.1	143	-	15395	13856	52.9	114.2	135	
				2880	2x	21038	18934	55.9	161.0	131	0.08	19515	17563	54.6	157.2	124	
V22	BXRE-35E6500-D-7x	3500K	80	700	-	3970	3573	33.2	23.3	171	-	3658	3293	32.0	22.4	163	DS103
				1050	-	5849	5264	34.2	35.9	163	-	5364	4828	32.8	34.5	156	
				1400	1x	7690	6921	35	49.0	157	0.07	6998	6298	33	46.9	149	
				2100	1.5x	11118	10007	36.4	76.5	145	-	9988	8989	34.8	73.1	137	
				2800	2x	14319	12887	37.7	105.6	136	0.08	12729	11456	36.0	100.7	126	
V22	BXRE-35G6500-B-7x	3500K	90	585	-	4341	3907	49.6	29.0	150	-	4016	3614	48.3	28.2	142	DS103
				780	-	5636	5071	50.5	39.4	143	-	5152	4637	49.2	38.4	134	
				1170	1x	8113	7301	52.0	60.8	133	0.07	7313	6581	50.7	59.3	123	
				1755	1.5x	11552	10395	54.3	95.3	121	-	10277	9249	53.0	93.0	111	
				2340	2x	14657	13190	56.2	131.5	111	0.09	12908	11616	54.9	128.4	101	
V22	BXRE-35G6500-C-7x	3500K	90	720	-	5574	5017	49.6	35.7	156	-	4734	4260	48.3	34.8	136	DS103
				960	-	7091	6381	50.5	48.5	146	-	6202	5582	49.2	47.2	131	
				1440	1x	9986	8987	52.0	74.9	133	0.06	9002	8101	50.7	73.0	123	
				2160	1.5x	13984	12585	54.2	117.1	119	-	12855	11569	52.9	114.2	113	
				2880	2x	17567	15810	55.9	161.0	109	0.08	16295	14665	54.6	157.2	104	
V22	BXRE-35G6500-D-7x	3500K	90	700	-	3315	2983	33.2	23.3	142	-	3055	2749	32.0	22.4	136	DS103
				1050	-	4884	4395	34.2	35.9	136	-	4479	4031	32.8	34.5	130	
				1400	1x	6421	5779	35	49.0	131	0.07	5843	5259	33	46.9	125	
				2100	1.5x	9283	8355	36.4	76.5	121	-	8339	7505	34.8	73.1	114	
				2800	2x	11955	10760	37.7	105.6	113	0.08	10628	9565	36.0	100.7	106	
V22	BXRE-40E6500-B-7x	4000K	80	585	-	5250	4725	49.6	29.0	181	-	4857	4371	48.3	28.2	172	DS103
				780	-	6815	6134	50.5	39.4	173	-	6231	5608	49.2	38.4	162	
				1170	1x	9811	8830	52.0	60.8	161	0.07	8844	7960	50.7	59.3	149	
				1755	1.5x	13969	12572	54.3	95.3	147	-	12428	11185	53.0	93.0	134	
				2340	2x	17724	15952	56.2	131.5	135	0.09	15610	14049	54.9	128.4	122	
V22	BXRE-40E6500-C-7x	4000K	80	720	-	6740	6067	49.6	35.7	189	-	5724	5152	48.3	34.8	165	DS103
				960	-	8574	7717	50.5	48.5	177	-	7500	6750	49.2	47.2	159	
				1440	1x	12075	10868	52.0	74.9	161	0.06	10885	9797	50.7	73.0	149	
				2160	1.5x	16909	15219	54.2	117.1	144	-	15545	13991	52.9	114.2	136	
				2880	2x	21242	19119	55.9	161.0	132	0.08	19704	17734	54.6	157.2	125	
V22	BXRE-40E6500-D-7x	4000K	80	700	-	4035	3632	33.2	23.3	173	-	3718	3347	32.0	22.4	166	DS103
				1050	-	5945	5350	34.2	35.9	165	-	5452	4907	32.8	34.5	158	
				1400	1x	7816	7034	35	49.0	159	0.07	6956	6261	33	46.9	148	
				2100	1.5x	11301	10171	36.4	76.5	148	-	10152	9136	34.8	73.1	139	
				2800	2x	14553	13098	37.7	105.6	138	0.08	12938	11644	36.0	100.7	129	
V22	BXRE-40G6500-B-7x	4000K	90	585	-	4493	4043	49.6	29.0	155	-	4156	3740	48.3	28.2	147	DS103
				780	-	5832	5249	50.5	39.4	148	-	5332	4798	49.2	38.4	139	
				1170	1x	8396	7556	52.0	60.8	138	0.07	7568	6811	50.7	59.3	128	
				1755	1.5x	11954	10758	54.3	95.3	125	-	10636	9572	53.0	93.0	114	
				2340	2x	15168	13651	56.2	131.5	115	0.09	13358	12022	54.9	128.4	104	
V22	BXRE-40G6500-C-7x	4000K	90	720	-	5768	5191	49.6	35.7	162	-	4899	4409	48.3	34.8	141	DS103
				960	-	7338	6604	50.5	48.5	151	-	6419	5776	49.2	47.2	136	
				1440	1x	10334	9300	52.0	74.9	138	0.06	9315	8383	50.7	73.0	128	
				2160	1.5x	14471	13023	54.2	117.1	124	-	13303	11972	52.9	114.2	116	
				2880	2x	18179	16360	55.9	161.0	113	0.08	16863	15176	54.6	157.2	107	
V22	BXRE-40G6500-D-7x	4000K	90	700	-	3430	3087	33.2	23.3	147	-	3161	2845	32.0	22.4	141	DS103
				1050	-	5054	4549	34.2	35.9	141	-	4635	4171	32.8	34.5	135	
				1400	1x	6645	5980	35	49.0	135	0.07	5914	5322	33	46.9	126	
				2100	1.5x	9607	8646	36.4	76.5	126	-	8630	7767	34.8	73.1	118	
				2800	2x	12372	11135	37.7	105.6	117	0.08	10999	9899	36.0	100.7	109	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V22	BXRE-50C6501-B-74	5000K	70	585	-	5754	5179	49.6	29.0	198	-	5324	4791	48.3	28.2	189	DS103
				780	-	7470	6723	50.5	39.4	190	-	6829	6147	49.2	38.4	178	
				1170	1x	10754	9679	52.0	60.8	177	0.07	9694	8725	50.7	59.3	164	
				1755	1.5x	15312	13781	54.3	95.3	161	-	13623	12261	53.0	93.0	147	
				2340	2x	19428	17486	56.2	131.5	148	0.09	17110	15400	54.9	128.4	133	
V22	BXRE-50C6501-C-74	5000K	70	720	-	7389	6650	49.6	35.7	207	-	6275	5647	48.3	34.8	181	DS103
				960	-	9399	8459	50.5	48.5	194	-	8222	7399	49.2	47.2	174	
				1440	1x	13237	11913	52.0	74.9	177	0.06	11932	10739	50.7	73.0	164	
				2160	1.5x	18536	16682	54.2	117.1	158	-	17041	15336	52.9	114.2	149	
				2880	2x	23286	20957	55.9	161.0	145	0.08	21600	19440	54.6	157.2	137	
V22	BXRE-50C6501-D-74	5000K	70	700	-	4394	3955	33.2	23.3	189	-	4049	3644	32.0	22.4	181	DS103
				1050	-	6474	5826	34.2	35.9	180	-	5937	5343	32.8	34.5	172	
				1400	1x	8511	7660	35	49.0	174	0.07	7575	6818	33	46.9	162	
				2100	1.5x	12306	11075	36.4	76.5	161	-	11055	9949	34.8	73.1	151	
				2800	2x	15848	14263	37.7	105.6	150	0.08	14089	12680	36.0	100.7	140	
V22	BXRE-50E6501-B-74	5000K	80	585	-	5409	4868	49.6	29.0	186	-	5004	4504	48.3	28.2	177	DS103
				780	-	7022	6320	50.5	39.4	178	-	6420	5778	49.2	38.4	167	
				1170	1x	10109	9098	52.0	60.8	166	0.07	9113	8201	50.7	59.3	154	
				1755	1.5x	14393	12954	54.3	95.3	151	-	12806	11525	53.0	93.0	138	
				2340	2x	18263	16436	56.2	131.5	139	0.09	16084	14475	54.9	128.4	125	
V22	BXRE-50E6501-C-74	5000K	80	720	-	6945	6251	49.6	35.7	194	-	5898	5308	48.3	34.8	170	DS103
				960	-	8835	7951	50.5	48.5	182	-	7728	6955	49.2	47.2	164	
				1440	1x	12442	11198	52.0	74.9	166	0.06	11216	10094	50.7	73.0	154	
				2160	1.5x	17423	15681	54.2	117.1	149	-	16017	14416	52.9	114.2	140	
				2880	2x	21888	19699	55.9	161.0	136	0.08	20303	18273	54.6	157.2	129	
V22	BXRE-50E6501-D-74	5000K	80	700	-	4124	3712	33.2	23.3	177	-	3800	3420	32.0	22.4	170	DS103
				1050	-	6076	5469	34.2	35.9	169	-	5572	5015	32.8	34.5	162	
				1400	1x	7989	7190	35	49.0	163	0.07	7110	6399	33	46.9	152	
				2100	1.5x	11550	10395	36.4	76.5	151	-	10376	9338	34.8	73.1	142	
				2800	2x	14875	13387	37.7	105.6	141	0.08	13223	11901	36.0	100.7	131	
V22	BXRE-50G6501-B-74	5000K	90	585	-	4603	4143	49.6	29.0	159	-	4259	3833	48.3	28.2	151	DS103
				780	-	5976	5378	50.5	39.4	152	-	5463	4917	49.2	38.4	142	
				1170	1x	8603	7743	52.0	60.8	141	0.07	7755	6980	50.7	59.3	131	
				1755	1.5x	12249	11025	54.3	95.3	129	-	10898	9809	53.0	93.0	117	
				2340	2x	15542	13988	56.2	131.5	118	0.09	13688	12319	54.9	128.4	107	
V22	BXRE-50G6501-C-74	5000K	90	720	-	5911	5320	49.6	35.7	166	-	5020	4518	48.3	34.8	144	DS103
				960	-	7519	6767	50.5	48.5	155	-	6577	5919	49.2	47.2	139	
				1440	1x	10589	9530	52.0	74.9	141	0.06	9545	8591	50.7	73.0	131	
				2160	1.5x	14828	13345	54.2	117.1	127	-	13632	12268	52.9	114.2	119	
				2880	2x	18628	16765	55.9	161.0	116	0.08	17279	15551	54.6	157.2	110	
V22	BXRE-50G6501-D-74	5000K	90	700	-	3507	3157	33.2	23.3	151	-	3232	2909	32.0	22.4	144	DS103
				1050	-	5168	4651	34.2	35.9	144	-	4739	4265	32.8	34.5	138	
				1400	1x	6794	6115	35	49.0	139	0.07	6047	5442	33.5	46.9	129	
				2100	1.5x	9823	8841	36.4	76.5	128	-	8824	7942	34.8	73.1	121	
				2800	2x	12650	11385	37.7	105.6	120	0.08	11246	10121	36.0	100.7	112	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
V22	BXRE-57C6501-B-74	5700K	70	585	-	5553	4997	49.6	29.0	191	-	5137	4623	48.3	28.2	182	DS103
				780	-	7208	6487	50.5	39.4	183	-	6590	5931	49.2	38.4	172	
				1170	1x	10377	9339	52.0	60.8	171	0.07	9354	8418	50.7	59.3	158	
				1755	1.5x	14775	13297	54.3	95.3	155	-	13145	11830	53.0	93.0	141	
				2340	2x	18747	16872	56.2	131.5	143	0.09	16510	14859	54.9	128.4	129	
V22	BXRE-57C6501-C-74	5700K	70	720	-	7129	6417	49.6	35.7	200	-	6054	5449	48.3	34.8	174	DS103
				960	-	9069	8162	50.5	48.5	187	-	7933	7140	49.2	47.2	168	
				1440	1x	12772	11495	52.0	74.9	171	0.06	11513	10362	50.7	73.0	158	
				2160	1.5x	17885	16097	54.2	117.1	153	-	16442	14798	52.9	114.2	144	
				2880	2x	22468	20222	55.9	161.0	140	0.08	20841	18757	54.6	157.2	133	
V22	BXRE-57C6501-D-74	5700K	70	700	-	4240	3816	33.2	23.3	182	-	3907	3516	32.0	22.4	174	DS103
				1050	-	6247	5622	34.2	35.9	174	-	5729	5156	32.8	34.5	166	
				1400	1x	8213	7391	35	49.0	167	0.07	7309	6578	33	46.9	156	
				2100	1.5x	11874	10687	36.4	76.5	155	-	10667	9600	34.8	73.1	146	
				2800	2x	15292	13762	37.7	105.6	145	0.08	13594	12235	36.0	100.7	135	
V22	BXRE-57E6501-B-74	5700K	80	585	-	5502	4952	49.6	29.0	190	-	5090	4581	48.3	28.2	180	DS103
				780	-	7142	6428	50.5	39.4	181	-	6530	5877	49.2	38.4	170	
				1170	1x	10282	9254	52.0	60.8	169	0.07	9268	8342	50.7	59.3	156	
				1755	1.5x	14640	13176	54.3	95.3	154	-	13025	11723	53.0	93.0	140	
				2340	2x	18575	16718	56.2	131.5	141	0.09	16359	14723	54.9	128.4	127	
V22	BXRE-57E6501-C-74	5700K	80	720	-	7065	6358	49.6	35.7	198	-	5999	5399	48.3	34.8	173	DS103
				960	-	8987	8088	50.5	48.5	185	-	7861	7074	49.2	47.2	167	
				1440	1x	12656	11390	52.0	74.9	169	0.06	11408	10267	50.7	73.0	156	
				2160	1.5x	17722	15950	54.2	117.1	151	-	16293	14663	52.9	114.2	143	
				2880	2x	22264	20037	55.9	161.0	138	0.08	20652	18586	54.6	157.2	131	
V22	BXRE-57E6501-D-74	5700K	80	700	-	4201	3781	33.2	23.3	181	-	3872	3484	32.0	22.4	173	DS103
				1050	-	6190	5571	34.2	35.9	172	-	5677	5109	32.8	34.5	165	
				1400	1x	8138	7324	35	49.0	166	0.07	7243	6518	33	46.9	155	
				2100	1.5x	11766	10589	36.4	76.5	154	-	10570	9513	34.8	73.1	145	
				2800	2x	15153	13637	37.7	105.6	144	0.08	13471	12124	36.0	100.7	134	
V22	BXRE-65C6501-B-74	6500K	70	585	-	5653	5088	49.6	29.0	195	-	5230	4707	48.3	28.2	185	DS103
				780	-	7339	6605	50.5	39.4	186	-	6709	6039	49.2	38.4	175	
				1170	1x	10565	9509	52.0	60.8	174	0.07	9524	8572	50.7	59.3	161	
				1755	1.5x	15043	13539	54.3	95.3	158	-	13383	12046	53.0	93.0	144	
				2340	2x	19087	17179	56.2	131.5	145	0.09	16809	15129	54.9	128.4	131	
V22	BXRE-65C6501-C-74	6500K	70	720	-	7259	6533	49.6	35.7	203	-	6164	5548	48.3	34.8	177	DS103
				960	-	9234	8311	50.5	48.5	190	-	8077	7269	49.2	47.2	171	
				1440	1x	13004	11704	52.0	74.9	174	0.06	11722	10550	50.7	73.0	161	
				2160	1.5x	18210	16389	54.2	117.1	156	-	16741	15067	52.9	114.2	147	
				2880	2x	22876	20589	55.9	161.0	142	0.08	21220	19099	54.6	157.2	135	
V22	BXRE-65C6501-D-74	6500K	70	700	-	4317	3885	33.2	23.3	186	-	3978	3580	32.0	22.4	177	DS103
				1050	-	6360	5724	34.2	35.9	177	-	5833	5250	32.8	34.5	169	
				1400	1x	8362	7526	35	49.0	171	0.07	7526	6773	33	46.9	161	
				2100	1.5x	12090	10881	36.4	76.5	158	-	10861	9775	34.8	73.1	149	
				2800	2x	15570	14013	37.7	105.6	147	0.08	13841	12457	36.0	100.7	137	
V22	BXRE-65E6501-B-74	6500K	80	585	-	5603	5043	49.6	29.0	193	-	5183	4665	48.3	28.2	184	DS103
				780	-	7273	6546	50.5	39.4	185	-	6650	5985	49.2	38.4	173	
				1170	1x	10471	9424	52.0	60.8	172	0.07	9439	8495	50.7	59.3	159	
				1755	1.5x	14909	13418	54.3	95.3	156	-	13264	11938	53.0	93.0	143	
				2340	2x	18917	17025	56.2	131.5	144	0.09	16660	14994	54.9	128.4	130	
V22	BXRE-65E6501-C-74	6500K	80	720	-	7194	6475	49.6	35.7	201	-	6109	5498	48.3	34.8	176	DS103
				960	-	9151	8236	50.5	48.5	189	-	8005	7204	49.2	47.2	170	
				1440	1x	12888	11599	52.0	74.9	172	0.06	11618	10456	50.7	73.0	159	
				2160	1.5x	18047	16242	54.2	117.1	154	-	16591	14932	52.9	114.2	145	
				2880	2x	22672	20405	55.9	161.0	141	0.08	21031	18927	54.6	157.2	134	
V22	BXRE-65E6501-D-74	6500K	80	700	-	4100	3690	33.2	23.3	176	-	3778	3400	32.022	22.4	169	DS103
				1050	-	6040	5436	34.2	35.9	168	-	5539	4985	32.816	34.5	161	
				1400	1x	7941	7147	35	49.0	162	0.07	7147	6432	33	46.9	152	
				2100	1.5x	11481	10333	36.4	76.5	150	-	10314	9283	34.822	73.1	141	
				2800	2x	14786	13307	37.7	105.6	140	0.08	13145	11830	35.952	100.7	131	