



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

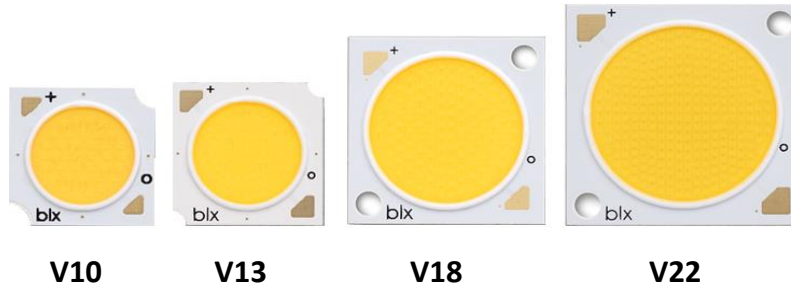
4 - 4SDCM (4-step) available on Cool White

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 | |