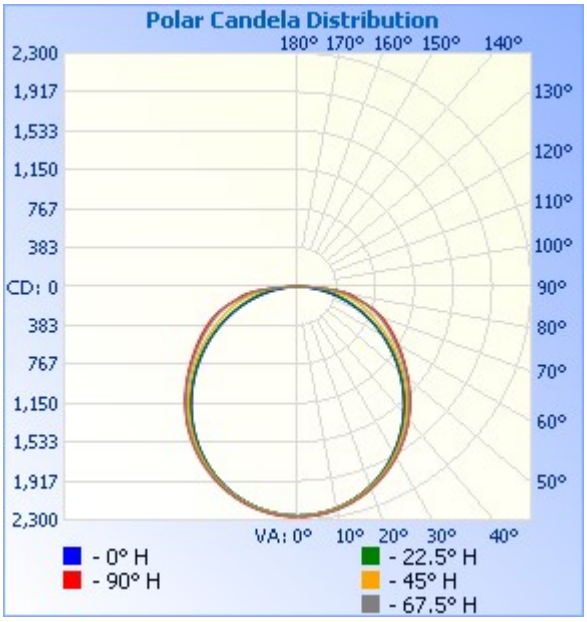
Saylite
Texas Fluorescents
Reinvented




**Filename:** **CBF24LY54WDMV30K**
Manufacturer: Saylite
Luminaire: Recessed mounted, formed steel housing, formed white enamel steel reflectors, translucent white plastic center enclosure.
Luminaire Cat: CBF24LY54WDMV30K
Lamp: 192 white LEDs, four Seoul Semiconductor SMJD-3612048C-XXN1_R1.1 boards with 48 LEDs each
Ballast Desc: One ERP PKB50W-1400-55-TD LED driver set at 1400mA
Lamp Output: Total luminaire Lumens: 6914.2
Max Candela: 2,270.0 at Horizontal: 90°, Vertical: 0.5°
Input Wattage: 53.268
Luminous Opening: Rectangle (L: 47", W: 22.75")
Test: LLIA001463-021A
Test Lab: LightLab International Allentown, LLC
Photometry : Type C
Nema Type: 7 X 7

**Roadway Summary**

| | | |
|---|---|---|
| Cutoff Classification: | | CUTOFF |
| Distribution: | | Type VS |
| Max Cd, 90 Deg Vert: | | 1.0 |
| Max Cd, 80 to <90 Deg: | | 567.0 |
| | Lumens | % Lamp |
| Downward Street Side: | 3,457.2 | 50% |
| Downward House Side: | 3,457.2 | 50% |
| Downward Total: | 6,914.4 | 100% |
| Upward Street Side: | 0 | 0% |
| Upward House Side: | 0 | 0% |
| Upward Total: | 0 | 0% |
| Total Lumens: | 6,914.4 | 100% |

**Flood Summary**

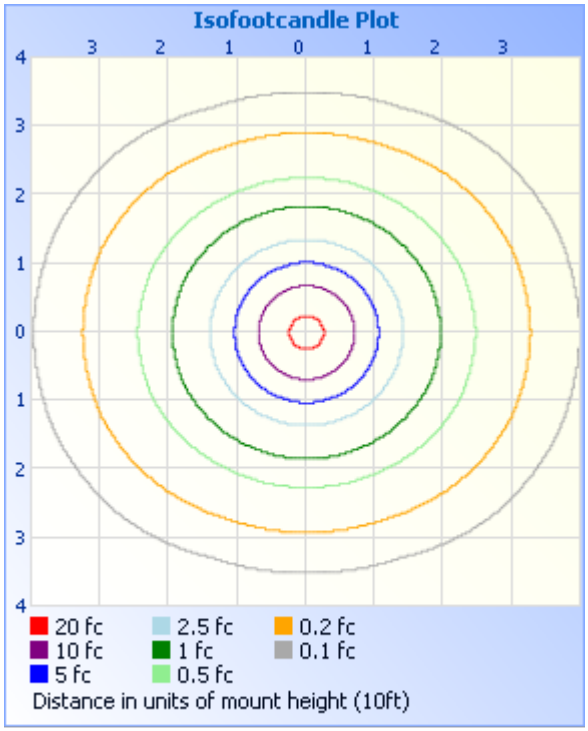
| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|---|---|---|---|---|
| Field (10%): | 99.2% | 6,857.4 | 173.4 | 163.4 |
| Beam (50%): | 70.6% | 4,879.7 | 120.6 | 110.4 |
| Total: | 100% | 6,912.4 | | |

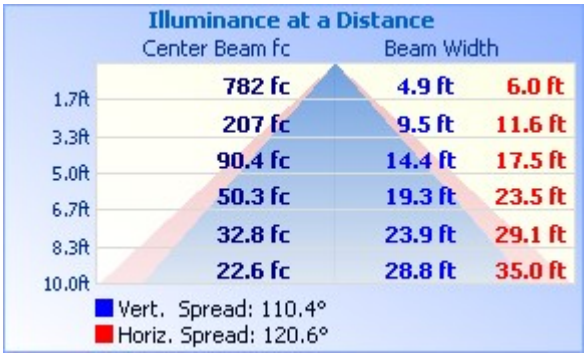
**Zonal Lumen Summary**

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-30 | 1,755.2 | 25.4% |
| 0-40 | 2,878.7 | 41.6% |
| 0-60 | 5,132.6 | 74.2% |
| 60-90 | 1,781.6 | 25.8% |
| 70-100 | 892.7 | 12.9% |
| 90-120 | 0.0 | 0% |
| 0-90 | 6,914.2 | 100% |
| 90-180 | 0.0 | 0% |
| 0-180 | 6,914.2 | 100% |

**Lumens Per Zone**

| Zone | Lumens | % Total | Zone | Lumens | % Total |
|---|---|---|---|---|---|
| 0-10 | 213.7 | 3.1% | 90-100 | 0.0 | 0% |
| 10-20 | 612.4 | 8.9% | 100-110 | 0 | 0% |
| 20-30 | 929.1 | 13.4% | 110-120 | 0 | 0% |
| 30-40 | 1,123.5 | 16.2% | 120-130 | 0 | 0% |
| 40-50 | 1,172.8 | 17.0% | 130-140 | 0 | 0% |
| 50-60 | 1,081.1 | 15.6% | 140-150 | 0 | 0% |
| 60-70 | 888.9 | 12.9% | 150-160 | 0 | 0% |
| 70-80 | 627.5 | 9.1% | 160-170 | 0 | 0% |
| 80-90 | 265.2 | 3.8% | 170-180 | 0 | 0% |




**Coefficients Of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance: 20%

| RCC %: | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RW %: | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 0 |
| RCR: 0 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.00 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1 | 1.08 | 1.02 | .97 | .93 | 1.05 | 1.00 | .96 | .82 | .96 | .92 | .89 | .92 | .89 | .86 | .88 | .86 | .83 | .81 |
| 2 | .97 | .88 | .81 | .75 | .95 | .86 | .80 | .68 | .83 | .77 | .72 | .79 | .75 | .70 | .76 | .72 | .69 | .67 |
| 3 | .88 | .77 | .69 | .62 | .86 | .76 | .68 | .57 | .73 | .66 | .60 | .70 | .64 | .59 | .67 | .62 | .58 | .56 |
| 4 | .81 | .68 | .59 | .52 | .78 | .67 | .58 | .49 | .64 | .57 | .51 | .62 | .55 | .50 | .60 | .54 | .49 | .47 |
| 5 | .74 | .61 | .51 | .44 | .72 | .60 | .51 | .42 | .57 | .50 | .44 | .55 | .49 | .43 | .54 | .48 | .43 | .41 |
| 6 | .68 | .55 | .45 | .39 | .66 | .54 | .45 | .37 | .52 | .44 | .38 | .50 | .43 | .38 | .48 | .42 | .37 | .35 |
| 7 | .63 | .49 | .40 | .34 | .62 | .49 | .40 | .33 | .47 | .39 | .34 | .46 | .39 | .33 | .44 | .38 | .33 | .31 |
| 8 | .59 | .45 | .36 | .30 | .57 | .44 | .36 | .30 | .43 | .35 | .30 | .42 | .35 | .30 | .41 | .34 | .30 | .28 |
| 9 | .55 | .41 | .33 | .27 | .54 | .41 | .33 | .27 | .40 | .32 | .27 | .39 | .32 | .27 | .37 | .31 | .27 | .25 |
| 10 | .52 | .38 | .30 | .25 | .50 | .38 | .30 | .24 | .37 | .29 | .25 | .36 | .29 | .24 | .35 | .29 | .24 | .23 |

**Candela Table - Type C**

| | 0 | 22.5 | 45 | 67.5 | 90 |
|---|---|---|---|---|---|
| 0 | 2259 | 2259 | 2259 | 2259 | 2259 |
| 0.5 | 2255 | 2254 | 2255 | 2262 | **2270** |
| 1 | 2254 | 2254 | 2255 | 2262 | 2269 |
| 1.5 | 2254 | 2253 | 2254 | 2261 | 2269 |
| 2 | 2253 | 2253 | 2254 | 2261 | 2268 |
| 2.5 | 2252 | 2252 | 2253 | 2260 | 2267 |
| 3 | 2251 | 2251 | 2252 | 2259 | 2266 |
| 3.5 | 2250 | 2249 | 2251 | 2257 | 2265 |
| 4 | 2248 | 2248 | 2249 | 2256 | 2263 |
| 4.5 | 2246 | 2246 | 2247 | 2255 | 2262 |
| 5 | 2244 | 2244 | 2245 | 2252 | 2260 |

| | | | | | |
|---|---|---|---|---|---|
| 5.5 | 2242 | 2242 | 2244 | 2251 | 2258 |
| 6 | 2240 | 2240 | 2241 | 2248 | 2256 |
| 6.5 | 2237 | 2237 | 2239 | 2246 | 2254 |
| 7 | 2235 | 2235 | 2236 | 2243 | 2250 |
| 7.5 | 2231 | 2231 | 2233 | 2241 | 2248 |
| 8 | 2229 | 2228 | 2230 | 2238 | 2245 |
| 8.5 | 2225 | 2225 | 2227 | 2235 | 2242 |
| 9 | 2221 | 2221 | 2224 | 2232 | 2238 |
| 9.5 | 2218 | 2218 | 2220 | 2228 | 2235 |
| 10 | 2213 | 2213 | 2216 | 2225 | 2231 |
| 10.5 | 2209 | 2210 | 2213 | 2221 | 2227 |
| 11 | 2205 | 2205 | 2208 | 2217 | 2224 |
| 11.5 | 2200 | 2200 | 2204 | 2213 | 2219 |
| 12 | 2195 | 2195 | 2199 | 2208 | 2215 |
| 12.5 | 2190 | 2190 | 2194 | 2203 | 2210 |
| 13 | 2185 | 2185 | 2189 | 2199 | 2205 |
| 13.5 | 2179 | 2180 | 2184 | 2194 | 2200 |
| 14 | 2173 | 2174 | 2179 | 2188 | 2195 |
| 14.5 | 2168 | 2168 | 2173 | 2183 | 2190 |
| 15 | 2161 | 2162 | 2168 | 2178 | 2184 |
| 15.5 | 2155 | 2156 | 2161 | 2172 | 2178 |
| 16 | 2148 | 2150 | 2156 | 2166 | 2173 |
| 16.5 | 2142 | 2143 | 2149 | 2160 | 2166 |
| 17 | 2135 | 2136 | 2142 | 2154 | 2161 |
| 17.5 | 2128 | 2129 | 2136 | 2148 | 2153 |
| 18 | 2121 | 2122 | 2129 | 2141 | 2148 |
| 18.5 | 2113 | 2115 | 2122 | 2135 | 2141 |
| 19 | 2105 | 2107 | 2115 | 2127 | 2134 |
| 19.5 | 2098 | 2100 | 2107 | 2121 | 2127 |
| 20 | 2089 | 2091 | 2100 | 2113 | 2120 |
| 20.5 | 2081 | 2084 | 2092 | 2106 | 2112 |
| 21 | 2072 | 2075 | 2084 | 2098 | 2105 |
| 21.5 | 2064 | 2067 | 2075 | 2090 | 2097 |
| 22 | 2055 | 2058 | 2067 | 2082 | 2089 |
| 22.5 | 2046 | 2049 | 2059 | 2074 | 2081 |
| 23 | 2037 | 2040 | 2050 | 2066 | 2073 |
| 23.5 | 2028 | 2030 | 2041 | 2058 | 2064 |
| 24 | 2017 | 2021 | 2032 | 2049 | 2056 |
| 24.5 | 2008 | 2011 | 2023 | 2040 | 2047 |
| 25 | 1998 | 2001 | 2014 | 2032 | 2038 |
| 25.5 | 1988 | 1992 | 2004 | 2023 | 2029 |
| 26 | 1978 | 1982 | 1994 | 2013 | 2020 |
| 26.5 | 1967 | 1971 | 1985 | 2004 | 2011 |
| 27 | 1957 | 1961 | 1974 | 1994 | 2001 |
| 27.5 | 1946 | 1950 | 1965 | 1985 | 1992 |
| 28 | 1935 | 1939 | 1954 | 1975 | 1982 |
| 28.5 | 1924 | 1929 | 1944 | 1965 | 1972 |
| 29 | 1912 | 1917 | 1933 | 1955 | 1962 |
| 29.5 | 1901 | 1906 | 1922 | 1945 | 1952 |

| | | | | | |
|---|---|---|---|---|---|
| 30 | 1889 | 1894 | 1911 | 1934 | 1941 |
| 30.5 | 1878 | 1883 | 1900 | 1923 | 1931 |
| 31 | 1865 | 1871 | 1889 | 1912 | 1920 |
| 31.5 | 1853 | 1859 | 1877 | 1901 | 1910 |
| 32 | 1842 | 1847 | 1866 | 1891 | 1899 |
| 32.5 | 1828 | 1835 | 1854 | 1879 | 1887 |
| 33 | 1817 | 1822 | 1843 | 1868 | 1876 |
| 33.5 | 1803 | 1810 | 1830 | 1856 | 1864 |
| 34 | 1791 | 1797 | 1818 | 1845 | 1854 |
| 34.5 | 1777 | 1784 | 1806 | 1833 | 1841 |
| 35 | 1764 | 1771 | 1794 | 1821 | 1830 |
| 35.5 | 1751 | 1758 | 1781 | 1809 | 1818 |
| 36 | 1737 | 1745 | 1768 | 1797 | 1806 |
| 36.5 | 1724 | 1732 | 1756 | 1785 | 1794 |
| 37 | 1710 | 1718 | 1743 | 1772 | 1781 |
| 37.5 | 1696 | 1704 | 1730 | 1760 | 1769 |
| 38 | 1682 | 1690 | 1716 | 1747 | 1756 |
| 38.5 | 1668 | 1677 | 1703 | 1734 | 1744 |
| 39 | 1653 | 1662 | 1689 | 1721 | 1730 |
| 39.5 | 1639 | 1648 | 1676 | 1708 | 1718 |
| 40 | 1624 | 1634 | 1662 | 1694 | 1704 |
| 40.5 | 1610 | 1619 | 1649 | 1681 | 1691 |
| 41 | 1595 | 1605 | 1635 | 1668 | 1678 |
| 41.5 | 1580 | 1590 | 1620 | 1654 | 1664 |
| 42 | 1564 | 1576 | 1607 | 1641 | 1651 |
| 42.5 | 1550 | 1560 | 1592 | 1627 | 1637 |
| 43 | 1534 | 1546 | 1578 | 1613 | 1623 |
| 43.5 | 1519 | 1530 | 1563 | 1599 | 1610 |
| 44 | 1504 | 1515 | 1549 | 1585 | 1596 |
| 44.5 | 1487 | 1500 | 1534 | 1570 | 1582 |
| 45 | 1472 | 1484 | 1519 | 1557 | 1568 |
| 45.5 | 1456 | 1469 | 1505 | 1542 | 1554 |
| 46 | 1440 | 1453 | 1489 | 1528 | 1539 |
| 46.5 | 1424 | 1437 | 1475 | 1513 | 1525 |
| 47 | 1408 | 1422 | 1459 | 1498 | 1511 |
| 47.5 | 1392 | 1406 | 1444 | 1484 | 1496 |
| 48 | 1375 | 1390 | 1428 | 1469 | 1482 |
| 48.5 | 1359 | 1374 | 1413 | 1454 | 1467 |
| 49 | 1342 | 1358 | 1397 | 1439 | 1452 |
| 49.5 | 1326 | 1341 | 1382 | 1424 | 1437 |
| 50 | 1310 | 1325 | 1366 | 1409 | 1423 |
| 50.5 | 1293 | 1308 | 1350 | 1394 | 1408 |
| 51 | 1276 | 1292 | 1335 | 1379 | 1393 |
| 51.5 | 1259 | 1275 | 1319 | 1363 | 1378 |
| 52 | 1243 | 1259 | 1303 | 1348 | 1364 |
| 52.5 | 1226 | 1241 | 1287 | 1333 | 1349 |
| 53 | 1209 | 1225 | 1271 | 1318 | 1335 |
| 53.5 | 1192 | 1208 | 1255 | 1302 | 1320 |
| 54 | 1175 | 1191 | 1239 | 1288 | 1307 |

| | | | | | |
|---|---|---|---|---|---|
| 54.5 | 1158 | 1175 | 1223 | 1273 | 1293 |
| 55 | 1140 | 1158 | 1206 | 1258 | 1279 |
| 55.5 | 1124 | 1141 | 1190 | 1243 | 1265 |
| 56 | 1106 | 1123 | 1174 | 1229 | 1251 |
| 56.5 | 1089 | 1107 | 1158 | 1214 | 1237 |
| 57 | 1071 | 1089 | 1141 | 1200 | 1223 |
| 57.5 | 1054 | 1072 | 1125 | 1186 | 1209 |
| 58 | 1036 | 1055 | 1109 | 1171 | 1195 |
| 58.5 | 1019 | 1038 | 1093 | 1157 | 1182 |
| 59 | 1002 | 1021 | 1077 | 1143 | 1169 |
| 59.5 | 984 | 1003 | 1060 | 1129 | 1155 |
| 60 | 967 | 986 | 1044 | 1115 | 1142 |
| 60.5 | 949 | 968 | 1028 | 1101 | 1129 |
| 61 | 932 | 952 | 1012 | 1087 | 1116 |
| 61.5 | 914 | 934 | 996 | 1074 | 1103 |
| 62 | 896 | 917 | 981 | 1060 | 1090 |
| 62.5 | 879 | 899 | 966 | 1047 | 1077 |
| 63 | 861 | 882 | 951 | 1033 | 1064 |
| 63.5 | 844 | 865 | 936 | 1020 | 1052 |
| 64 | 826 | 848 | 921 | 1007 | 1038 |
| 64.5 | 809 | 831 | 906 | 994 | 1026 |
| 65 | 791 | 813 | 891 | 981 | 1014 |
| 65.5 | 774 | 796 | 876 | 968 | 1001 |
| 66 | 756 | 779 | 862 | 955 | 989 |
| 66.5 | 738 | 762 | 847 | 942 | 976 |
| 67 | 721 | 745 | 833 | 929 | 963 |
| 67.5 | 703 | 728 | 819 | 917 | 951 |
| 68 | 686 | 711 | 805 | 904 | 939 |
| 68.5 | 668 | 694 | 791 | 891 | 925 |
| 69 | 651 | 677 | 777 | 878 | 913 |
| 69.5 | 633 | 660 | 764 | 865 | 899 |
| 70 | 616 | 644 | 750 | 852 | 886 |
| 70.5 | 599 | 627 | 736 | 838 | 871 |
| 71 | 582 | 611 | 723 | 825 | 857 |
| 71.5 | 564 | 594 | 709 | 811 | 842 |
| 72 | 547 | 578 | 696 | 797 | 827 |
| 72.5 | 530 | 562 | 683 | 782 | 811 |
| 73 | 513 | 546 | 669 | 767 | 795 |
| 73.5 | 496 | 530 | 656 | 751 | 779 |
| 74 | 479 | 514 | 642 | 735 | 761 |
| 74.5 | 461 | 499 | 629 | 719 | 744 |
| 75 | 444 | 484 | 614 | 701 | 726 |
| 75.5 | 428 | 469 | 601 | 684 | 708 |
| 76 | 410 | 454 | 586 | 666 | 690 |
| 76.5 | 394 | 439 | 571 | 649 | 672 |
| 77 | 377 | 425 | 556 | 631 | 654 |
| 77.5 | 360 | 411 | 540 | 612 | 636 |
| 78 | 344 | 396 | 524 | 594 | 620 |
| 78.5 | 327 | 382 | 507 | 576 | 604 |

| | | | | | |
|---|---|---|---|---|---|
| 79 | 311 | 368 | 490 | 560 | 591 |
| 79.5 | 295 | 354 | 472 | 545 | 578 |
| 80 | 278 | 340 | 454 | 532 | 567 |
| 80.5 | 262 | 326 | 435 | 519 | 555 |
| 81 | 246 | 313 | 417 | 508 | 544 |
| 81.5 | 230 | 299 | 401 | 496 | 530 |
| 82 | 214 | 286 | 386 | 483 | 513 |
| 82.5 | 199 | 272 | 372 | 467 | 489 |
| 83 | 183 | 257 | 359 | 445 | 464 |
| 83.5 | 167 | 242 | 346 | 421 | 438 |
| 84 | 152 | 225 | 332 | 395 | 411 |
| 84.5 | 137 | 208 | 313 | 368 | 383 |
| 85 | 121 | 191 | 290 | 339 | 352 |
| 85.5 | 106 | 175 | 266 | 309 | 321 |
| 86 | 92 | 161 | 241 | 277 | 287 |
| 86.5 | 77 | 146 | 213 | 243 | 250 |
| 87 | 63 | 130 | 183 | 206 | 212 |
| 87.5 | 48 | 109 | 150 | 166 | 169 |
| 88 | 35 | 87 | 115 | 124 | 126 |
| 88.5 | 22 | 62 | 77 | 80 | 81 |
| 89 | 11 | 35 | 39 | 36 | 34 |
| 89.5 | 3 | 10 | 7 | 4 | 4 |
| 90 | 0 | 0 | 0 | 0 | 1 |
| 90.5 | 0 | 0 | 0 | 0 | 0 |
| 91 | 0 | 0 | 0 | 0 | 0 |
| 91.5 | 0 | 0 | 0 | 0 | 0 |
| 92 | 0 | 0 | 0 | 0 | 0 |
| 92.5 | 0 | 0 | 0 | 0 | 0 |
| 93 | 0 | 0 | 0 | 0 | 0 |
| 93.5 | 0 | 0 | 0 | 0 | 0 |
| 94 | 0 | 0 | 0 | 0 | 0 |
| 94.5 | 0 | 0 | 0 | 0 | 0 |
| 95 | 0 | 0 | 0 | 0 | 0 |
| 95.5 | 0 | 0 | 0 | 0 | 0 |
| 96 | 0 | 0 | 0 | 0 | 0 |
| 96.5 | 0 | 0 | 0 | 0 | 0 |
| 97 | 0 | 0 | 0 | 0 | 0 |
| 97.5 | 0 | 0 | 0 | 0 | 0 |
| 98 | 0 | 0 | 0 | 0 | 0 |
| 98.5 | 0 | 0 | 0 | 0 | 0 |
| 99 | 0 | 0 | 0 | 0 | 0 |
| 99.5 | 0 | 0 | 0 | 0 | 0 |
| 100 | 0 | 0 | 0 | 0 | 0 |
| 100.5 | 0 | 0 | 0 | 0 | 0 |
| 101 | 0 | 0 | 0 | 0 | 0 |
| 101.5 | 0 | 0 | 0 | 0 | 0 |
| 102 | 0 | 0 | 0 | 0 | 0 |
| 102.5 | 0 | 0 | 0 | 0 | 0 |
| 103 | 0 | 0 | 0 | 0 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| 103.5 | 0 | 0 | 0 | 0 | 0 |
| 104 | 0 | 0 | 0 | 0 | 0 |
| 104.5 | 0 | 0 | 0 | 0 | 0 |
| 105 | 0 | 0 | 0 | 0 | 0 |
| 105.5 | 0 | 0 | 0 | 0 | 0 |
| 106 | 0 | 0 | 0 | 0 | 0 |
| 106.5 | 0 | 0 | 0 | 0 | 0 |
| 107 | 0 | 0 | 0 | 0 | 0 |
| 107.5 | 0 | 0 | 0 | 0 | 0 |
| 108 | 0 | 0 | 0 | 0 | 0 |
| 108.5 | 0 | 0 | 0 | 0 | 0 |
| 109 | 0 | 0 | 0 | 0 | 0 |
| 109.5 | 0 | 0 | 0 | 0 | 0 |
| 110 | 0 | 0 | 0 | 0 | 0 |
| 110.5 | 0 | 0 | 0 | 0 | 0 |
| 111 | 0 | 0 | 0 | 0 | 0 |
| 111.5 | 0 | 0 | 0 | 0 | 0 |
| 112 | 0 | 0 | 0 | 0 | 0 |
| 112.5 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 |
| 113.5 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 |
| 114.5 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 |
| 115.5 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 |
| 116.5 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 |
| 117.5 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 |
| 118.5 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 |
| 119.5 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 |
| 120.5 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 |
| 121.5 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 |
| 122.5 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 |
| 123.5 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 |
| 124.5 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 |
| 125.5 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0 | 0 | 0 | 0 | 0 |
| 126.5 | 0 | 0 | 0 | 0 | 0 |
| 127 | 0 | 0 | 0 | 0 | 0 |
| 127.5 | 0 | 0 | 0 | 0 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| 128 | 0 | 0 | 0 | 0 | 0 |
| 128.5 | 0 | 0 | 0 | 0 | 0 |
| 129 | 0 | 0 | 0 | 0 | 0 |
| 129.5 | 0 | 0 | 0 | 0 | 0 |
| 130 | 0 | 0 | 0 | 0 | 0 |
| 130.5 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 |
| 131.5 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 |
| 132.5 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 |
| 133.5 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 |
| 134.5 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 |
| 135.5 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 |
| 136.5 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 |
| 137.5 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 |
| 138.5 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 |
| 139.5 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 |
| 140.5 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 |
| 141.5 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 |
| 142.5 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 |
| 143.5 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 |
| 144.5 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 |
| 145.5 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 |
| 146.5 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0 | 0 | 0 | 0 | 0 |
| 147.5 | 0 | 0 | 0 | 0 | 0 |
| 148 | 0 | 0 | 0 | 0 | 0 |
| 148.5 | 0 | 0 | 0 | 0 | 0 |
| 149 | 0 | 0 | 0 | 0 | 0 |
| 149.5 | 0 | 0 | 0 | 0 | 0 |
| 150 | 0 | 0 | 0 | 0 | 0 |
| 150.5 | 0 | 0 | 0 | 0 | 0 |
| 151 | 0 | 0 | 0 | 0 | 0 |
| 151.5 | 0 | 0 | 0 | 0 | 0 |
| 152 | 0 | 0 | 0 | 0 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| 152.5 | 0 | 0 | 0 | 0 | 0 |
| 153 | 0 | 0 | 0 | 0 | 0 |
| 153.5 | 0 | 0 | 0 | 0 | 0 |
| 154 | 0 | 0 | 0 | 0 | 0 |
| 154.5 | 0 | 0 | 0 | 0 | 0 |
| 155 | 0 | 0 | 0 | 0 | 0 |
| 155.5 | 0 | 0 | 0 | 0 | 0 |
| 156 | 0 | 0 | 0 | 0 | 0 |
| 156.5 | 0 | 0 | 0 | 0 | 0 |
| 157 | 0 | 0 | 0 | 0 | 0 |
| 157.5 | 0 | 0 | 0 | 0 | 0 |
| 158 | 0 | 0 | 0 | 0 | 0 |
| 158.5 | 0 | 0 | 0 | 0 | 0 |
| 159 | 0 | 0 | 0 | 0 | 0 |
| 159.5 | 0 | 0 | 0 | 0 | 0 |
| 160 | 0 | 0 | 0 | 0 | 0 |
| 160.5 | 0 | 0 | 0 | 0 | 0 |
| 161 | 0 | 0 | 0 | 0 | 0 |
| 161.5 | 0 | 0 | 0 | 0 | 0 |
| 162 | 0 | 0 | 0 | 0 | 0 |
| 162.5 | 0 | 0 | 0 | 0 | 0 |
| 163 | 0 | 0 | 0 | 0 | 0 |
| 163.5 | 0 | 0 | 0 | 0 | 0 |
| 164 | 0 | 0 | 0 | 0 | 0 |
| 164.5 | 0 | 0 | 0 | 0 | 0 |
| 165 | 0 | 0 | 0 | 0 | 0 |
| 165.5 | 0 | 0 | 0 | 0 | 0 |
| 166 | 0 | 0 | 0 | 0 | 0 |
| 166.5 | 0 | 0 | 0 | 0 | 0 |
| 167 | 0 | 0 | 0 | 0 | 0 |
| 167.5 | 0 | 0 | 0 | 0 | 0 |
| 168 | 0 | 0 | 0 | 0 | 0 |
| 168.5 | 0 | 0 | 0 | 0 | 0 |
| 169 | 0 | 0 | 0 | 0 | 0 |
| 169.5 | 0 | 0 | 0 | 0 | 0 |
| 170 | 0 | 0 | 0 | 0 | 0 |
| 170.5 | 0 | 0 | 0 | 0 | 0 |
| 171 | 0 | 0 | 0 | 0 | 0 |
| 171.5 | 0 | 0 | 0 | 0 | 0 |
| 172 | 0 | 0 | 0 | 0 | 0 |
| 172.5 | 0 | 0 | 0 | 0 | 0 |
| 173 | 0 | 0 | 0 | 0 | 0 |
| 173.5 | 0 | 0 | 0 | 0 | 0 |
| 174 | 0 | 0 | 0 | 0 | 0 |
| 174.5 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 |
| 175.5 | 0 | 0 | 0 | 0 | 0 |
| 176 | 0 | 0 | 0 | 0 | 0 |
| 176.5 | 0 | 0 | 0 | 0 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| 177 | 0 | 0 | 0 | 0 | 0 |
| 177.5 | 0 | 0 | 0 | 0 | 0 |
| 178 | 0 | 0 | 0 | 0 | 0 |
| 178.5 | 0 | 0 | 0 | 0 | 0 |
| 179 | 0 | 0 | 0 | 0 | 0 |
| 179.5 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 | 0 | 0 |

**Luminaire Report Summary**

```
IESNA:LM-63-2002
[TEST] LLIA001463-021A
[TESTLAB] LightLab International Allentown, LLC
[ISSUEDATE] 6/4/2021
[MANUFAC] Saylite
[LUMCAT] CBF24LY54WDMV30K
[LUMINAIRE] Recessed mounted, formed steel housing, formed white enamel
[MORE] steel reflectors, translucent white plastic center enclosure.
[LAMP] 192 white LEDs, four Seoul Semiconductor SMJD-3612048C-XXN1_R1.1
[MORE] boards with 48 LEDs each
[BALLAST] One ERP PKB50W-1400-55-TD LED driver set at 1400mA
[OTHER] 120.0Vac, 60.00Hz, 0.4486A, 53.27W, 0.990PF, 12.2%THD(i)
[OTHER] This test was performed using the absolute method of photometry.
[MORE] Lamp lumens value was set to -1

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 361, HORIZONTAL ANGLES: 5
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1
```


Reported data calculated from manufacturer's data file, based on IES recommended methods.