



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L10-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 2023-07-25
 [TESTDATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-6-L10-940-DMA-DIM-UNV
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS
 [LAMP] LED
 [BALLAST] 0-10V DIMMING DRIVER
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE
 [_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 5196 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 95 |
| Total Luminaire Watts | 54.6 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.22 |
| Spacing Criterion (90-270) | 1.06 |
| Spacing Criterion (Diagonal) | 1.22 |
| Basic Luminous Shape | Rectangular |
| Luminous Length (0-180) | 6.00 ft |
| Luminous Width (90-270) | 0.17 ft |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 20229 | 17449 | 15916 |
| 55 | 18032 | 15334 | 14037 |
| 65 | 15897 | 13517 | 12443 |
| 75 | 13112 | 11507 | 10724 |
| 85 | 9891 | 9229 | 8892 |

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CANDELA TABULATION

| | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> |
|------|------------|-------------|-------------|-------------|-------------|
| 0.0 | 2302.150 | 2302.150 | 2302.150 | 2302.150 | 2302.150 |
| 0.5 | 2342.737 | 2304.038 | 2290.823 | 2296.487 | 2285.160 |
| 1.0 | 2342.737 | 2303.094 | 2290.823 | 2296.487 | 2284.216 |
| 1.5 | 2341.794 | 2303.094 | 2289.880 | 2295.543 | 2283.272 |
| 2.0 | 2340.850 | 2301.206 | 2287.992 | 2294.599 | 2280.441 |
| 2.5 | 2339.906 | 2299.318 | 2287.048 | 2291.767 | 2278.553 |
| 3.0 | 2338.018 | 2297.431 | 2284.216 | 2289.880 | 2274.777 |
| 3.5 | 2336.130 | 2295.543 | 2281.385 | 2286.104 | 2271.002 |
| 4.0 | 2334.242 | 2293.655 | 2278.553 | 2283.272 | 2268.170 |
| 4.5 | 2332.355 | 2290.823 | 2275.721 | 2279.497 | 2263.451 |
| 5.0 | 2330.467 | 2287.992 | 2271.002 | 2274.777 | 2258.731 |
| 5.5 | 2326.691 | 2284.216 | 2267.226 | 2269.114 | 2252.124 |
| 6.0 | 2323.860 | 2280.441 | 2262.507 | 2264.394 | 2246.461 |
| 6.5 | 2321.028 | 2277.609 | 2257.787 | 2257.787 | 2239.853 |
| 7.0 | 2317.252 | 2272.890 | 2253.068 | 2251.180 | 2233.246 |
| 7.5 | 2313.477 | 2269.114 | 2247.404 | 2244.573 | 2225.695 |
| 8.0 | 2309.701 | 2263.451 | 2241.741 | 2237.022 | 2219.088 |
| 8.5 | 2304.982 | 2258.731 | 2235.134 | 2229.471 | 2210.593 |
| 9.0 | 2300.262 | 2254.012 | 2228.527 | 2220.975 | 2202.098 |
| 9.5 | 2295.543 | 2248.348 | 2220.975 | 2211.537 | 2192.659 |
| 10.0 | 2290.823 | 2242.685 | 2213.424 | 2203.042 | 2184.164 |
| 10.5 | 2285.160 | 2237.022 | 2205.873 | 2193.603 | 2172.837 |
| 11.0 | 2279.497 | 2230.414 | 2197.378 | 2184.164 | 2162.454 |
| 11.5 | 2272.890 | 2223.807 | 2188.883 | 2173.781 | 2152.071 |
| 12.0 | 2266.282 | 2216.256 | 2179.444 | 2163.398 | 2140.745 |
| 12.5 | 2260.619 | 2208.705 | 2170.005 | 2152.071 | 2128.474 |
| 13.0 | 2253.068 | 2201.154 | 2160.566 | 2140.745 | 2117.147 |
| 13.5 | 2245.517 | 2192.659 | 2150.184 | 2128.474 | 2104.877 |
| 14.0 | 2238.909 | 2184.164 | 2140.745 | 2117.147 | 2092.606 |
| 14.5 | 2230.414 | 2175.669 | 2129.418 | 2104.877 | 2079.392 |
| 15.0 | 2222.863 | 2167.174 | 2119.035 | 2091.662 | 2067.121 |
| 15.5 | 2214.368 | 2157.735 | 2106.765 | 2078.448 | 2052.963 |
| 16.0 | 2207.761 | 2149.240 | 2095.438 | 2065.233 | 2038.805 |
| 16.5 | 2201.154 | 2139.801 | 2083.167 | 2051.075 | 2024.646 |
| 17.0 | 2192.659 | 2130.362 | 2070.897 | 2036.917 | 2010.488 |
| 17.5 | 2180.388 | 2120.923 | 2058.626 | 2022.758 | 1995.386 |
| 18.0 | 2169.061 | 2112.428 | 2046.356 | 2007.656 | 1979.339 |
| 18.5 | 2157.735 | 2101.101 | 2033.141 | 1992.554 | 1963.293 |
| 19.0 | 2148.296 | 2088.831 | 2019.927 | 1976.508 | 1947.247 |
| 19.5 | 2137.913 | 2076.560 | 2006.712 | 1960.462 | 1930.257 |
| 20.0 | 2127.530 | 2064.290 | 1992.554 | 1945.359 | 1912.323 |
| 20.5 | 2116.204 | 2052.019 | 1979.339 | 1929.313 | 1895.333 |
| 21.0 | 2104.877 | 2040.692 | 1965.181 | 1912.323 | 1877.399 |
| 21.5 | 2093.550 | 2028.422 | 1951.023 | 1896.277 | 1860.409 |
| 22.0 | 2081.280 | 2015.207 | 1935.920 | 1879.287 | 1842.475 |
| 22.5 | 2069.953 | 2002.937 | 1921.762 | 1861.353 | 1825.485 |
| 23.0 | 2056.738 | 1989.722 | 1908.548 | 1844.363 | 1808.495 |
| 23.5 | 2044.468 | 1975.564 | 1893.445 | 1827.373 | 1790.561 |
| 24.0 | 2031.253 | 1962.349 | 1876.455 | 1810.383 | 1773.571 |
| 24.5 | 2018.039 | 1948.191 | 1860.409 | 1793.393 | 1755.637 |
| 25.0 | 2004.824 | 1934.977 | 1843.419 | 1775.459 | 1737.703 |
| 25.5 | 1991.610 | 1919.874 | 1827.373 | 1758.469 | 1719.769 |
| 26.0 | 1977.452 | 1905.716 | 1810.383 | 1740.535 | 1702.779 |
| 26.5 | 1964.237 | 1890.614 | 1794.337 | 1723.545 | 1685.789 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|------|----------|----------|----------|----------|----------|
| 27.0 | 1949.135 | 1876.455 | 1777.347 | 1706.555 | 1667.855 |
| 27.5 | 1934.977 | 1860.409 | 1761.301 | 1689.565 | 1648.978 |
| 28.0 | 1920.818 | 1845.307 | 1744.311 | 1672.575 | 1631.988 |
| 28.5 | 1906.660 | 1830.205 | 1727.321 | 1654.641 | 1614.997 |
| 29.0 | 1891.558 | 1814.158 | 1711.274 | 1636.707 | 1598.007 |
| 29.5 | 1875.511 | 1798.112 | 1694.284 | 1618.773 | 1581.017 |
| 30.0 | 1860.409 | 1782.066 | 1677.294 | 1601.783 | 1563.083 |
| 30.5 | 1844.363 | 1766.964 | 1661.248 | 1584.793 | 1545.150 |
| 31.0 | 1828.317 | 1750.918 | 1644.258 | 1566.859 | 1527.216 |
| 31.5 | 1811.327 | 1733.928 | 1626.324 | 1548.925 | 1510.226 |
| 32.0 | 1795.281 | 1717.882 | 1609.334 | 1530.991 | 1492.292 |
| 32.5 | 1778.291 | 1700.892 | 1592.344 | 1513.057 | 1474.358 |
| 33.0 | 1762.244 | 1683.902 | 1574.410 | 1495.123 | 1456.424 |
| 33.5 | 1745.254 | 1666.911 | 1557.420 | 1478.133 | 1438.490 |
| 34.0 | 1728.264 | 1649.921 | 1540.430 | 1460.199 | 1420.556 |
| 34.5 | 1712.218 | 1631.988 | 1521.552 | 1442.265 | 1402.622 |
| 35.0 | 1695.228 | 1614.997 | 1504.562 | 1423.388 | 1384.688 |
| 35.5 | 1678.238 | 1597.064 | 1486.628 | 1405.454 | 1367.698 |
| 36.0 | 1660.304 | 1580.074 | 1469.638 | 1388.464 | 1349.764 |
| 36.5 | 1643.314 | 1562.140 | 1451.704 | 1370.530 | 1332.774 |
| 37.0 | 1626.324 | 1544.206 | 1433.770 | 1351.652 | 1314.840 |
| 37.5 | 1608.390 | 1526.272 | 1415.836 | 1334.662 | 1298.794 |
| 38.0 | 1591.400 | 1508.338 | 1397.903 | 1316.728 | 1280.860 |
| 38.5 | 1573.466 | 1490.404 | 1380.913 | 1299.738 | 1263.870 |
| 39.0 | 1555.532 | 1472.470 | 1362.035 | 1281.804 | 1246.880 |
| 39.5 | 1537.598 | 1454.536 | 1344.101 | 1264.814 | 1229.890 |
| 40.0 | 1518.721 | 1436.602 | 1326.167 | 1246.880 | 1212.900 |
| 40.5 | 1499.843 | 1418.668 | 1308.233 | 1230.834 | 1196.854 |
| 41.0 | 1481.909 | 1400.734 | 1290.299 | 1213.844 | 1178.920 |
| 41.5 | 1463.031 | 1381.856 | 1272.365 | 1196.854 | 1161.930 |
| 42.0 | 1444.153 | 1363.922 | 1255.375 | 1178.920 | 1145.884 |
| 42.5 | 1426.219 | 1345.045 | 1237.441 | 1161.930 | 1128.894 |
| 43.0 | 1407.341 | 1327.111 | 1220.451 | 1145.884 | 1112.847 |
| 43.5 | 1388.464 | 1308.233 | 1201.573 | 1129.838 | 1096.801 |
| 44.0 | 1369.586 | 1290.299 | 1184.583 | 1112.847 | 1080.755 |
| 44.5 | 1350.708 | 1272.365 | 1166.649 | 1095.857 | 1064.709 |
| 45.0 | 1332.774 | 1253.487 | 1149.659 | 1079.811 | 1048.663 |
| 45.5 | 1313.896 | 1235.553 | 1132.669 | 1063.765 | 1032.617 |
| 46.0 | 1295.018 | 1217.619 | 1115.679 | 1047.719 | 1017.514 |
| 46.5 | 1277.085 | 1198.742 | 1097.745 | 1031.673 | 1001.468 |
| 47.0 | 1258.207 | 1180.808 | 1080.755 | 1015.627 | 986.366 |
| 47.5 | 1240.273 | 1162.874 | 1064.709 | 998.637 | 971.264 |
| 48.0 | 1221.395 | 1144.940 | 1047.719 | 983.534 | 955.218 |
| 48.5 | 1202.517 | 1127.006 | 1031.673 | 967.488 | 940.682 |
| 49.0 | 1184.583 | 1108.128 | 1013.739 | 952.386 | 925.485 |
| 49.5 | 1165.705 | 1090.194 | 997.693 | 936.245 | 910.288 |
| 50.0 | 1147.771 | 1073.204 | 980.703 | 920.482 | 895.092 |
| 50.5 | 1128.894 | 1055.270 | 964.657 | 905.569 | 880.650 |
| 51.0 | 1110.960 | 1037.336 | 947.667 | 890.939 | 866.303 |
| 51.5 | 1092.082 | 1019.402 | 931.715 | 876.025 | 850.635 |
| 52.0 | 1074.148 | 1002.412 | 915.102 | 860.640 | 835.910 |
| 52.5 | 1055.270 | 984.478 | 898.679 | 845.254 | 821.751 |
| 53.0 | 1037.336 | 967.488 | 882.444 | 830.058 | 806.649 |
| 53.5 | 1018.458 | 950.498 | 866.964 | 815.805 | 792.963 |
| 54.0 | 1000.524 | 932.659 | 851.295 | 801.741 | 778.521 |
| 54.5 | 982.591 | 915.197 | 835.344 | 787.299 | 764.363 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|------|---------|---------|---------|---------|---------|
| 55.0 | 963.713 | 898.112 | 819.486 | 772.386 | 750.205 |
| 55.5 | 945.779 | 881.217 | 804.101 | 757.284 | 735.763 |
| 56.0 | 927.750 | 864.415 | 789.093 | 742.748 | 722.077 |
| 56.5 | 910.100 | 847.803 | 773.802 | 729.061 | 708.485 |
| 57.0 | 892.355 | 831.002 | 758.700 | 715.564 | 695.459 |
| 57.5 | 874.987 | 814.578 | 744.069 | 701.311 | 681.961 |
| 58.0 | 857.714 | 798.437 | 729.156 | 686.775 | 668.086 |
| 58.5 | 841.007 | 782.297 | 713.959 | 672.522 | 654.588 |
| 59.0 | 823.922 | 766.628 | 698.857 | 658.742 | 641.940 |
| 59.5 | 807.121 | 750.960 | 684.132 | 645.244 | 628.915 |
| 60.0 | 790.226 | 735.480 | 669.974 | 632.124 | 615.511 |
| 60.5 | 773.802 | 720.000 | 656.004 | 618.909 | 602.391 |
| 61.0 | 757.473 | 704.426 | 641.846 | 605.412 | 589.743 |
| 61.5 | 741.049 | 688.852 | 627.121 | 591.820 | 576.717 |
| 62.0 | 724.625 | 673.749 | 612.774 | 578.416 | 563.692 |
| 62.5 | 708.296 | 658.836 | 599.182 | 565.485 | 551.044 |
| 63.0 | 691.872 | 643.639 | 586.156 | 552.837 | 538.679 |
| 63.5 | 675.354 | 628.537 | 573.131 | 540.944 | 526.314 |
| 64.0 | 658.930 | 613.340 | 559.727 | 529.051 | 513.949 |
| 64.5 | 642.507 | 598.238 | 545.852 | 516.214 | 501.867 |
| 65.0 | 625.989 | 583.325 | 532.260 | 502.811 | 489.974 |
| 65.5 | 609.565 | 568.317 | 519.423 | 490.729 | 478.270 |
| 66.0 | 593.235 | 553.309 | 506.869 | 479.874 | 467.037 |
| 66.5 | 576.812 | 538.395 | 494.127 | 468.736 | 455.616 |
| 67.0 | 560.482 | 523.671 | 480.818 | 456.654 | 443.912 |
| 67.5 | 544.248 | 509.040 | 467.415 | 443.629 | 432.019 |
| 68.0 | 528.013 | 494.221 | 454.012 | 430.226 | 419.843 |
| 68.5 | 511.966 | 479.497 | 440.703 | 417.766 | 407.761 |
| 69.0 | 496.109 | 464.772 | 428.055 | 406.156 | 396.057 |
| 69.5 | 480.252 | 450.425 | 415.595 | 394.641 | 384.258 |
| 70.0 | 464.489 | 436.078 | 402.381 | 381.993 | 371.799 |
| 70.5 | 449.009 | 421.636 | 388.883 | 368.401 | 359.434 |
| 71.0 | 433.435 | 407.195 | 375.574 | 355.375 | 347.257 |
| 71.5 | 418.144 | 392.942 | 362.549 | 343.671 | 335.459 |
| 72.0 | 402.947 | 379.161 | 350.089 | 332.816 | 324.038 |
| 72.5 | 387.939 | 365.569 | 338.102 | 321.584 | 313.089 |
| 73.0 | 373.214 | 352.071 | 325.926 | 309.596 | 301.951 |
| 73.5 | 358.584 | 338.479 | 313.372 | 297.609 | 290.435 |
| 74.0 | 344.237 | 325.076 | 300.818 | 286.093 | 279.486 |
| 74.5 | 330.079 | 311.956 | 288.925 | 275.239 | 269.198 |
| 75.0 | 316.203 | 299.213 | 277.504 | 264.573 | 258.626 |
| 75.5 | 302.517 | 286.565 | 266.272 | 253.812 | 247.771 |
| 76.0 | 289.019 | 274.012 | 254.756 | 243.146 | 237.483 |
| 76.5 | 275.711 | 261.363 | 243.335 | 232.197 | 227.383 |
| 77.0 | 262.496 | 248.998 | 231.820 | 221.437 | 216.906 |
| 77.5 | 249.565 | 236.822 | 220.870 | 210.865 | 206.240 |
| 78.0 | 236.633 | 224.740 | 210.205 | 200.577 | 196.141 |
| 78.5 | 223.891 | 212.847 | 199.539 | 190.383 | 186.513 |
| 79.0 | 211.526 | 201.238 | 188.873 | 180.378 | 176.980 |
| 79.5 | 199.255 | 189.816 | 178.395 | 170.561 | 167.541 |
| 80.0 | 187.268 | 178.584 | 168.201 | 160.745 | 158.007 |
| 80.5 | 175.375 | 167.541 | 158.102 | 151.023 | 148.285 |
| 81.0 | 163.859 | 156.686 | 147.908 | 141.489 | 138.752 |
| 81.5 | 152.627 | 146.114 | 138.091 | 132.239 | 129.691 |
| 82.0 | 141.584 | 135.920 | 128.747 | 123.367 | 121.007 |
| 82.5 | 130.823 | 125.915 | 119.497 | 114.777 | 112.606 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|-------|---------|---------|---------|---------|---------|
| 83.0 | 120.252 | 116.004 | 110.435 | 106.093 | 104.394 |
| 83.5 | 109.869 | 106.188 | 101.280 | 97.504 | 96.182 |
| 84.0 | 99.769 | 96.749 | 92.124 | 89.009 | 87.782 |
| 84.5 | 89.953 | 87.499 | 83.251 | 80.703 | 79.664 |
| 85.0 | 80.325 | 78.437 | 74.945 | 72.680 | 72.208 |
| 85.5 | 70.886 | 69.470 | 66.827 | 65.128 | 65.223 |
| 86.0 | 61.730 | 60.598 | 58.899 | 58.144 | 58.144 |
| 86.5 | 52.858 | 52.103 | 50.970 | 50.781 | 50.970 |
| 87.0 | 44.174 | 43.891 | 43.230 | 43.230 | 43.513 |
| 87.5 | 35.868 | 35.585 | 35.679 | 36.151 | 36.340 |
| 88.0 | 27.845 | 28.034 | 28.883 | 29.544 | 29.827 |
| 88.5 | 20.388 | 21.049 | 22.653 | 22.842 | 23.031 |
| 89.0 | 13.781 | 14.819 | 15.763 | 14.253 | 14.158 |
| 89.5 | 9.533 | 9.816 | 7.362 | 6.985 | 7.740 |
| 90.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 90.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 91.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 91.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 93.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 93.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 94.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 94.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 96.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 96.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 98.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 98.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 99.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 99.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 101.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 101.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 103.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 103.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 104.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 104.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 106.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 106.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 108.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 108.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 109.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 109.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|-------|-------|-------|-------|-------|-------|
| 111.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 111.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L10-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | |
|-------|-------|-------|-------|-------|-------|
| 139.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 139.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L10-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | |
|-------|-------|-------|-------|-------|-------|
| 167.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L10-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 815.13 | N.A. | 15.70 |
| 0-30 | 1668.82 | N.A. | 32.10 |
| 0-40 | 2619.24 | N.A. | 50.40 |
| 0-60 | 4270.61 | N.A. | 82.20 |
| 0-80 | 5110.26 | N.A. | 98.30 |
| 0-90 | 5196.26 | N.A. | 100.00 |
| 10-90 | 4980.29 | N.A. | 95.80 |
| 20-40 | 1804.11 | N.A. | 34.70 |
| 20-50 | 2706.00 | N.A. | 52.10 |
| 40-70 | 2190.94 | N.A. | 42.20 |
| 60-80 | 839.64 | N.A. | 16.20 |
| 70-80 | 300.07 | N.A. | 5.80 |
| 80-90 | 86.01 | N.A. | 1.70 |
| 90-110 | 0.00 | N.A. | 0.00 |
| 90-120 | 0.00 | N.A. | 0.00 |
| 90-130 | 0.00 | N.A. | 0.00 |
| 90-150 | 0.00 | N.A. | 0.00 |
| 90-180 | 0.00 | N.A. | 0.00 |
| 110-180 | 0.00 | N.A. | 0.00 |
| 0-180 | 5196.26 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 215.98 |
| 10-20 | 599.16 |
| 20-30 | 853.68 |
| 30-40 | 950.43 |
| 40-50 | 901.89 |
| 50-60 | 749.48 |
| 60-70 | 539.57 |
| 70-80 | 300.07 |
| 80-90 | 86.01 |
| 90-100 | 0.00 |
| 100-110 | 0.00 |
| 110-120 | 0.00 |
| 120-130 | 0.00 |
| 130-140 | 0.00 |
| 140-150 | 0.00 |
| 150-160 | 0.00 |
| 160-170 | 0.00 |
| 170-180 | 0.00 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L10-940-DMA-DIM-UNV_.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 109 | 105 | 101 | 97 | 107 | 103 | 99 | 96 | 98 | 95 | 93 | 94 | 92 | 90 | 91 | 89 | 87 | 85 |
| 2 | 100 | 92 | 86 | 80 | 97 | 90 | 84 | 79 | 87 | 82 | 77 | 84 | 79 | 76 | 81 | 77 | 74 | 72 |
| 3 | 92 | 82 | 74 | 68 | 89 | 80 | 73 | 67 | 77 | 71 | 66 | 74 | 69 | 65 | 72 | 67 | 64 | 61 |
| 4 | 84 | 73 | 64 | 58 | 82 | 72 | 64 | 58 | 69 | 62 | 57 | 67 | 61 | 56 | 65 | 60 | 55 | 53 |
| 5 | 78 | 65 | 57 | 50 | 76 | 64 | 56 | 50 | 62 | 55 | 50 | 60 | 54 | 49 | 59 | 53 | 49 | 47 |
| 6 | 72 | 59 | 51 | 44 | 70 | 58 | 50 | 44 | 57 | 49 | 44 | 55 | 48 | 44 | 53 | 48 | 43 | 41 |
| 7 | 67 | 54 | 46 | 40 | 65 | 53 | 45 | 39 | 52 | 44 | 39 | 50 | 44 | 39 | 49 | 43 | 39 | 37 |
| 8 | 63 | 50 | 41 | 36 | 61 | 49 | 41 | 36 | 48 | 40 | 35 | 46 | 40 | 35 | 45 | 39 | 35 | 33 |
| 9 | 59 | 46 | 38 | 32 | 57 | 45 | 37 | 32 | 44 | 37 | 32 | 43 | 36 | 32 | 42 | 36 | 32 | 30 |
| 10 | 55 | 42 | 35 | 29 | 54 | 42 | 34 | 29 | 41 | 34 | 29 | 40 | 34 | 29 | 39 | 33 | 29 | 27 |

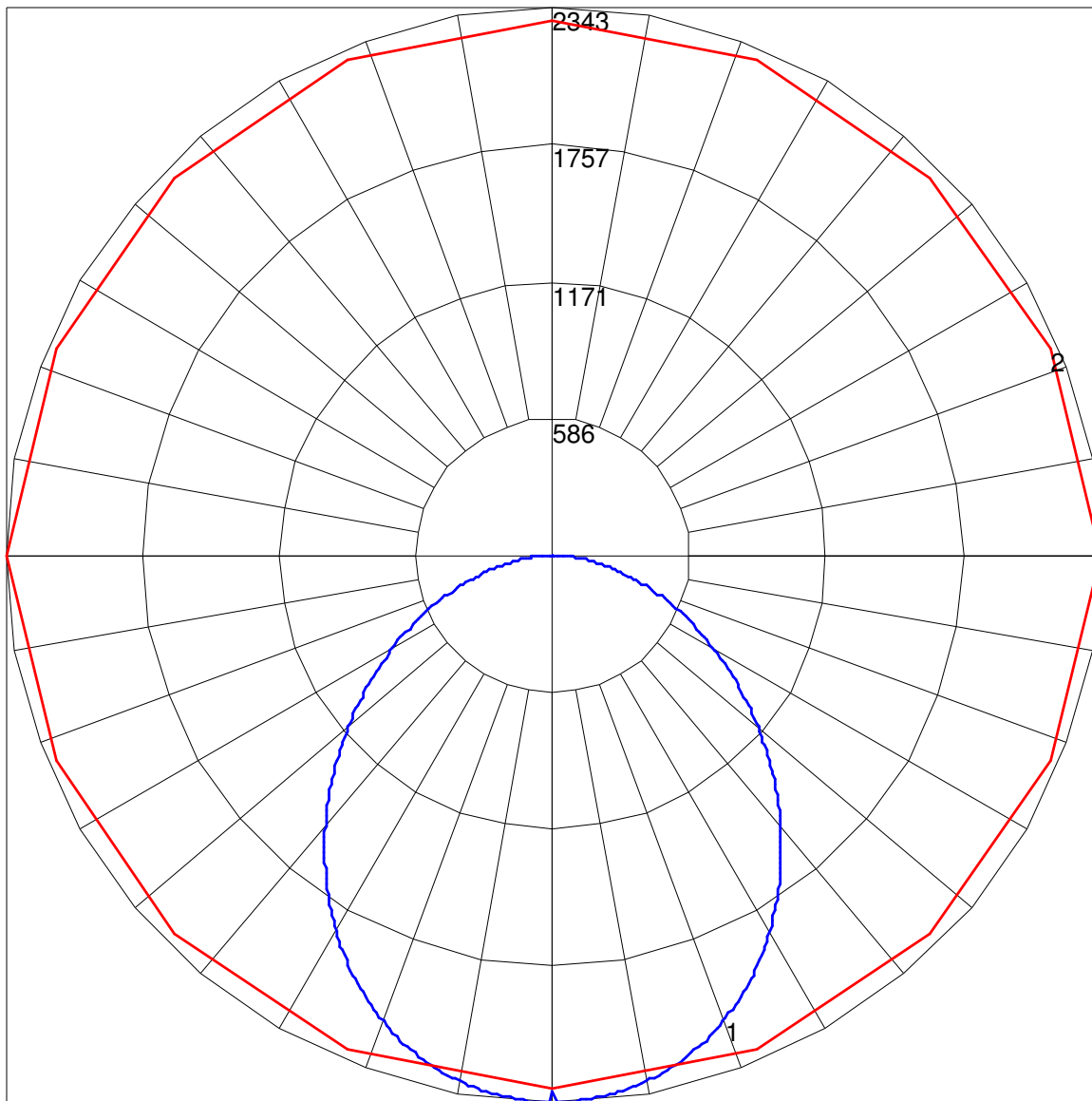
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L10-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

| | | | | | | | | | | | |
|----------------|------|----------------------|------|------|------|------|--------------------|------|------|------|------|
| Reflectances | | | | | | | | | | | |
| Ceiling Cavity | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| Floor Cavity | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Room Size | | | | | | | | | | | |
| | | UGR Viewed Crosswise | | | | | UGR Viewed Endwise | | | | |
| X=2H | Y=2H | 21.8 | 23.4 | 22.2 | 23.7 | 24.0 | 20.7 | 22.2 | 21.0 | 22.5 | 22.8 |
| | 3H | 23.5 | 24.9 | 23.9 | 25.3 | 25.6 | 22.3 | 23.7 | 22.7 | 24.1 | 24.4 |
| | 4H | 24.1 | 25.5 | 24.5 | 25.8 | 26.2 | 22.9 | 24.3 | 23.3 | 24.6 | 25.0 |
| | 6H | 24.6 | 25.8 | 25.0 | 26.2 | 26.6 | 23.4 | 24.6 | 23.8 | 25.0 | 25.4 |
| | 8H | 24.7 | 25.9 | 25.2 | 26.3 | 26.7 | 23.5 | 24.7 | 24.0 | 25.1 | 25.5 |
| | 12H | 24.8 | 26.0 | 25.3 | 26.3 | 26.8 | 23.6 | 24.8 | 24.1 | 25.2 | 25.6 |
| 4H | 2H | 22.3 | 23.6 | 22.7 | 23.9 | 24.3 | 21.3 | 22.6 | 21.7 | 23.0 | 23.4 |
| | 3H | 24.2 | 25.3 | 24.6 | 25.7 | 26.1 | 23.2 | 24.3 | 23.6 | 24.7 | 25.1 |
| | 4H | 25.0 | 26.0 | 25.4 | 26.4 | 26.8 | 23.9 | 24.9 | 24.4 | 25.4 | 25.8 |
| | 6H | 25.5 | 26.4 | 26.0 | 26.9 | 27.3 | 24.5 | 25.4 | 25.0 | 25.8 | 26.3 |
| | 8H | 25.7 | 26.5 | 26.2 | 27.0 | 27.5 | 24.7 | 25.5 | 25.2 | 26.0 | 26.4 |
| | 12H | 25.9 | 26.6 | 26.4 | 27.1 | 27.5 | 24.9 | 25.6 | 25.4 | 26.1 | 26.5 |
| 8H | 4H | 25.2 | 26.0 | 25.6 | 26.4 | 26.9 | 24.3 | 25.1 | 24.7 | 25.5 | 26.0 |
| | 6H | 25.9 | 26.5 | 26.4 | 27.0 | 27.5 | 25.0 | 25.6 | 25.5 | 26.1 | 26.6 |
| | 8H | 26.1 | 26.7 | 26.6 | 27.2 | 27.7 | 25.2 | 25.8 | 25.7 | 26.4 | 26.8 |
| | 12H | 26.4 | 26.9 | 26.9 | 27.4 | 27.9 | 25.5 | 26.0 | 26.0 | 26.5 | 27.1 |
| 12H | 4H | 25.2 | 25.9 | 25.7 | 26.4 | 26.9 | 24.3 | 25.0 | 24.8 | 25.5 | 26.0 |
| | 6H | 25.9 | 26.5 | 26.4 | 27.0 | 27.5 | 25.0 | 25.7 | 25.6 | 26.1 | 26.7 |
| | 8H | 26.2 | 26.8 | 26.7 | 27.3 | 27.8 | 25.4 | 25.9 | 25.9 | 26.4 | 27.0 |

Maximum UGR = 27.9

POLAR GRAPH



Maximum Candela = 2342.737 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)