

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-6-L8-830-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-6-L8-830-DMA-DIM-UNV\_

[LUMINAIRE] Nominal 4" x 6' suspended linear fixture (CRS construction

[MORE] ) with diffused acrylic shielding

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[OTHER] The reported results were measured in a facility that meets the

[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no

[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

### CHARACTERISTICS

|                                 |                 |
|---------------------------------|-----------------|
| Lumens Per Lamp                 | N.A. (absolute) |
| Total Lamp Lumens               | N.A. (absolute) |
| Luminaire Lumens                | 4865            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 125             |
| Total Luminaire Watts           | 39              |
| Ballast Factor                  | 1.00            |
| CIE Type                        | Direct          |
| Spacing Criterion (0-180)       | 1.18            |
| Spacing Criterion (90-270)      | 1.08            |
| Spacing Criterion (Diagonal)    | 1.22            |
| Basic Luminous Shape            | Rectangular     |
| Luminous Length (0-180)         | 6.00 ft         |
| Luminous Width (90-270)         | 0.40 ft         |
| Luminous Height                 | 0.00 ft         |

### LUMINANCE DATA (cd/sq.m)

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 7911             | 7014              | 6209              |
| 55                  | 6925             | 5985              | 5084              |
| 65                  | 5892             | 4923              | 4090              |
| 75                  | 4731             | 3697              | 3011              |
| 85                  | 3063             | 1899              | 1453              |

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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  | 2253.417   | 2253.417    | 2253.417    | 2253.417    | 2253.417    |
| 0.5  | 2264.433   | 2248.521    | 2254.029    | 2252.193    | 2250.969    |
| 1.0  | 2263.821   | 2247.909    | 2253.417    | 2251.581    | 2250.357    |
| 1.5  | 2263.209   | 2246.685    | 2252.805    | 2250.357    | 2249.133    |
| 2.0  | 2261.985   | 2246.073    | 2250.969    | 2247.909    | 2248.521    |
| 2.5  | 2261.373   | 2244.849    | 2249.745    | 2246.685    | 2246.073    |
| 3.0  | 2259.537   | 2243.013    | 2247.909    | 2243.625    | 2243.013    |
| 3.5  | 2258.313   | 2241.177    | 2245.461    | 2241.177    | 2239.953    |
| 4.0  | 2255.253   | 2238.729    | 2243.013    | 2238.117    | 2236.281    |
| 4.5  | 2254.029   | 2236.281    | 2239.953    | 2234.445    | 2231.997    |
| 5.0  | 2250.969   | 2233.833    | 2236.281    | 2230.773    | 2228.325    |
| 5.5  | 2249.745   | 2230.161    | 2232.609    | 2225.877    | 2222.817    |
| 6.0  | 2244.237   | 2227.101    | 2228.325    | 2220.981    | 2217.921    |
| 6.5  | 2241.177   | 2224.041    | 2223.429    | 2215.473    | 2211.800    |
| 7.0  | 2237.505   | 2219.757    | 2219.145    | 2209.964    | 2206.292    |
| 7.5  | 2233.833   | 2215.473    | 2213.637    | 2203.844    | 2199.560    |
| 8.0  | 2229.549   | 2210.576    | 2208.740    | 2197.112    | 2192.216    |
| 8.5  | 2225.265   | 2206.292    | 2203.232    | 2189.768    | 2184.872    |
| 9.0  | 2220.369   | 2201.396    | 2196.500    | 2182.424    | 2177.528    |
| 9.5  | 2214.861   | 2195.276    | 2190.380    | 2174.468    | 2168.960    |
| 10.0 | 2210.576   | 2189.768    | 2183.036    | 2167.124    | 2161.004    |
| 10.5 | 2203.844   | 2183.648    | 2176.304    | 2159.168    | 2152.436    |
| 11.0 | 2197.724   | 2177.528    | 2168.348    | 2149.988    | 2143.867    |
| 11.5 | 2191.604   | 2170.796    | 2160.392    | 2140.807    | 2133.463    |
| 12.0 | 2184.872   | 2164.064    | 2152.436    | 2131.015    | 2123.671    |
| 12.5 | 2176.916   | 2156.108    | 2143.867    | 2121.223    | 2112.655    |
| 13.0 | 2170.184   | 2148.764    | 2134.687    | 2110.819    | 2102.251    |
| 13.5 | 2163.452   | 2140.807    | 2125.507    | 2100.415    | 2091.847    |
| 14.0 | 2154.884   | 2132.851    | 2116.327    | 2088.787    | 2079.607    |
| 14.5 | 2147.540   | 2123.671    | 2105.923    | 2077.771    | 2067.978    |
| 15.0 | 2138.971   | 2115.103    | 2095.519    | 2066.142    | 2055.738    |
| 15.5 | 2130.403   | 2105.923    | 2085.115    | 2053.902    | 2043.498    |
| 16.0 | 2121.223   | 2096.743    | 2074.098    | 2041.662    | 2030.034    |
| 16.5 | 2112.655   | 2087.563    | 2063.082    | 2028.810    | 2017.182    |
| 17.0 | 2102.863   | 2077.159    | 2051.454    | 2015.958    | 2003.105    |
| 17.5 | 2093.683   | 2066.754    | 2040.438    | 2002.493    | 1989.029    |
| 18.0 | 2083.279   | 2056.962    | 2028.198    | 1989.029    | 1974.953    |
| 18.5 | 2074.098   | 2045.946    | 2015.958    | 1974.953    | 1959.653    |
| 19.0 | 2063.082   | 2034.930    | 2003.105    | 1960.265    | 1944.353    |
| 19.5 | 2052.678   | 2023.914    | 1990.253    | 1946.189    | 1929.052    |
| 20.0 | 2041.662   | 2012.286    | 1976.789    | 1931.500    | 1913.752    |
| 20.5 | 2030.646   | 2000.657    | 1963.325    | 1916.200    | 1897.840    |
| 21.0 | 2019.018   | 1989.029    | 1949.861    | 1900.900    | 1881.316    |
| 21.5 | 2008.001   | 1976.177    | 1935.784    | 1884.988    | 1865.403    |
| 22.0 | 1995.761   | 1963.937    | 1921.096    | 1869.075    | 1849.491    |
| 22.5 | 1983.521   | 1951.085    | 1906.408    | 1853.163    | 1832.355    |
| 23.0 | 1971.893   | 1938.844    | 1892.332    | 1836.027    | 1815.219    |
| 23.5 | 1959.653   | 1925.380    | 1877.032    | 1819.503    | 1798.082    |
| 24.0 | 1946.801   | 1911.916    | 1861.731    | 1802.978    | 1780.334    |
| 24.5 | 1933.948   | 1898.452    | 1845.819    | 1785.842    | 1763.198    |
| 25.0 | 1920.484   | 1884.988    | 1830.519    | 1768.706    | 1745.450    |
| 25.5 | 1906.408   | 1870.299    | 1814.607    | 1750.958    | 1726.477    |
| 26.0 | 1892.944   | 1856.223    | 1797.470    | 1733.209    | 1708.117    |
| 26.5 | 1879.480   | 1841.535    | 1781.558    | 1715.461    | 1689.145    |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 27.0 | 1864.791 | 1826.847 | 1764.422 | 1697.101 | 1670.785 |
| 27.5 | 1849.491 | 1811.547 | 1747.898 | 1678.741 | 1652.424 |
| 28.0 | 1835.415 | 1796.858 | 1730.761 | 1659.768 | 1632.840 |
| 28.5 | 1820.727 | 1781.558 | 1714.237 | 1641.408 | 1613.868 |
| 29.0 | 1806.039 | 1766.258 | 1697.101 | 1622.436 | 1595.507 |
| 29.5 | 1788.902 | 1750.346 | 1679.353 | 1603.464 | 1575.923 |
| 30.0 | 1772.378 | 1733.821 | 1661.604 | 1584.491 | 1556.951 |
| 30.5 | 1757.078 | 1717.909 | 1644.468 | 1566.131 | 1537.367 |
| 31.0 | 1741.166 | 1701.997 | 1626.720 | 1547.159 | 1517.782 |
| 31.5 | 1725.865 | 1685.473 | 1608.972 | 1527.574 | 1498.198 |
| 32.0 | 1708.729 | 1668.949 | 1590.611 | 1508.602 | 1479.226 |
| 32.5 | 1692.817 | 1651.812 | 1572.863 | 1489.018 | 1459.029 |
| 33.0 | 1676.293 | 1635.288 | 1553.891 | 1470.046 | 1440.057 |
| 33.5 | 1659.768 | 1618.152 | 1536.755 | 1450.461 | 1419.249 |
| 34.0 | 1643.856 | 1601.016 | 1517.782 | 1431.489 | 1400.277 |
| 34.5 | 1627.332 | 1584.491 | 1499.422 | 1412.517 | 1381.304 |
| 35.0 | 1610.808 | 1566.743 | 1480.450 | 1392.932 | 1361.720 |
| 35.5 | 1593.671 | 1548.995 | 1462.089 | 1374.572 | 1341.524 |
| 36.0 | 1577.759 | 1531.858 | 1443.729 | 1354.988 | 1323.163 |
| 36.5 | 1560.623 | 1514.110 | 1424.757 | 1336.016 | 1303.579 |
| 37.0 | 1542.875 | 1496.362 | 1407.009 | 1317.043 | 1285.219 |
| 37.5 | 1525.738 | 1478.614 | 1388.648 | 1297.459 | 1265.635 |
| 38.0 | 1508.602 | 1460.253 | 1369.676 | 1278.487 | 1246.050 |
| 38.5 | 1490.854 | 1443.117 | 1351.316 | 1259.514 | 1227.078 |
| 39.0 | 1472.494 | 1424.757 | 1332.956 | 1240.542 | 1208.106 |
| 39.5 | 1455.357 | 1407.009 | 1313.983 | 1221.570 | 1189.133 |
| 40.0 | 1437.609 | 1388.648 | 1295.623 | 1203.822 | 1170.773 |
| 40.5 | 1418.637 | 1370.900 | 1276.651 | 1184.849 | 1151.189 |
| 41.0 | 1400.889 | 1352.540 | 1258.290 | 1165.877 | 1130.993 |
| 41.5 | 1383.140 | 1334.792 | 1239.930 | 1146.905 | 1112.020 |
| 42.0 | 1364.168 | 1316.431 | 1221.570 | 1127.321 | 1092.436 |
| 42.5 | 1344.584 | 1297.459 | 1203.210 | 1108.960 | 1073.464 |
| 43.0 | 1326.223 | 1279.099 | 1184.849 | 1088.764 | 1054.491 |
| 43.5 | 1308.475 | 1261.351 | 1166.489 | 1069.792 | 1036.743 |
| 44.0 | 1288.891 | 1242.990 | 1148.129 | 1052.043 | 1018.383 |
| 44.5 | 1270.531 | 1224.630 | 1127.933 | 1033.683 | 1000.023 |
| 45.0 | 1251.558 | 1206.882 | 1109.572 | 1015.935 | 982.274  |
| 45.5 | 1232.586 | 1187.909 | 1090.600 | 998.187  | 963.914  |
| 46.0 | 1214.226 | 1170.161 | 1072.852 | 980.438  | 946.166  |
| 46.5 | 1195.866 | 1151.801 | 1055.103 | 963.302  | 929.030  |
| 47.0 | 1176.893 | 1133.441 | 1037.355 | 945.554  | 911.281  |
| 47.5 | 1157.921 | 1113.856 | 1020.219 | 928.418  | 894.145  |
| 48.0 | 1139.561 | 1094.884 | 1003.083 | 911.281  | 876.397  |
| 48.5 | 1120.588 | 1077.136 | 985.334  | 894.145  | 859.261  |
| 49.0 | 1100.392 | 1058.776 | 968.198  | 877.009  | 842.736  |
| 49.5 | 1082.644 | 1041.639 | 951.674  | 859.873  | 826.212  |
| 50.0 | 1064.284 | 1023.891 | 934.538  | 843.348  | 809.688  |
| 50.5 | 1047.147 | 1006.143 | 917.401  | 826.824  | 793.164  |
| 51.0 | 1028.787 | 989.007  | 900.265  | 809.688  | 776.639  |
| 51.5 | 1011.039 | 971.258  | 883.741  | 793.776  | 760.727  |
| 52.0 | 993.903  | 953.510  | 866.605  | 777.251  | 744.815  |
| 52.5 | 976.154  | 936.374  | 850.080  | 761.339  | 729.515  |
| 53.0 | 958.406  | 919.238  | 833.556  | 745.427  | 714.214  |
| 53.5 | 940.658  | 902.101  | 817.644  | 729.515  | 698.302  |
| 54.0 | 923.522  | 884.965  | 800.508  | 714.214  | 683.002  |
| 54.5 | 905.773  | 868.441  | 784.596  | 698.302  | 667.702  |

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**CANDELA TABULATION - (Cont.)**

|      |         |         |         |         |         |
|------|---------|---------|---------|---------|---------|
| 55.0 | 888.637 | 851.305 | 768.071 | 683.614 | 652.402 |
| 55.5 | 870.889 | 834.780 | 752.159 | 667.702 | 637.713 |
| 56.0 | 853.141 | 817.644 | 736.247 | 653.014 | 623.025 |
| 56.5 | 836.004 | 801.120 | 720.335 | 638.325 | 609.255 |
| 57.0 | 818.256 | 784.596 | 703.810 | 623.637 | 594.750 |
| 57.5 | 801.120 | 768.683 | 688.510 | 608.949 | 580.613 |
| 58.0 | 783.984 | 752.159 | 672.598 | 594.506 | 566.720 |
| 58.5 | 766.847 | 735.635 | 656.686 | 580.246 | 552.828 |
| 59.0 | 749.711 | 719.723 | 641.385 | 566.231 | 539.058 |
| 59.5 | 732.575 | 703.810 | 626.085 | 552.216 | 525.655 |
| 60.0 | 716.051 | 687.898 | 610.663 | 538.140 | 512.313 |
| 60.5 | 699.526 | 671.986 | 595.730 | 524.431 | 498.971 |
| 61.0 | 683.002 | 656.686 | 580.491 | 510.844 | 485.874 |
| 61.5 | 667.090 | 640.773 | 565.680 | 497.135 | 472.961 |
| 62.0 | 650.566 | 624.861 | 550.747 | 484.038 | 460.476 |
| 62.5 | 634.653 | 609.745 | 536.303 | 470.880 | 447.746 |
| 63.0 | 618.741 | 594.628 | 521.921 | 457.783 | 435.261 |
| 63.5 | 603.135 | 579.511 | 507.539 | 444.563 | 422.653 |
| 64.0 | 587.957 | 564.517 | 493.524 | 431.834 | 410.536 |
| 64.5 | 572.290 | 549.523 | 479.387 | 419.165 | 398.479 |
| 65.0 | 557.112 | 534.835 | 465.494 | 406.496 | 386.728 |
| 65.5 | 542.056 | 519.963 | 451.479 | 394.073 | 374.733 |
| 66.0 | 527.062 | 505.213 | 437.954 | 381.955 | 362.983 |
| 66.5 | 512.190 | 490.648 | 424.367 | 369.653 | 351.110 |
| 67.0 | 497.135 | 476.204 | 410.964 | 357.474 | 339.726 |
| 67.5 | 482.079 | 461.761 | 397.745 | 345.724 | 328.343 |
| 68.0 | 467.636 | 447.562 | 384.403 | 333.912 | 316.837 |
| 68.5 | 452.887 | 433.486 | 371.367 | 322.284 | 305.760 |
| 69.0 | 438.260 | 419.410 | 358.454 | 310.717 | 294.744 |
| 69.5 | 424.061 | 405.395 | 345.846 | 299.272 | 284.033 |
| 70.0 | 409.679 | 391.441 | 332.994 | 288.073 | 273.201 |
| 70.5 | 395.480 | 377.732 | 320.387 | 276.934 | 262.735 |
| 71.0 | 381.282 | 364.145 | 308.147 | 266.102 | 252.148 |
| 71.5 | 367.389 | 350.436 | 295.906 | 255.330 | 241.927 |
| 72.0 | 353.558 | 337.095 | 283.789 | 244.620 | 231.707 |
| 72.5 | 339.787 | 323.875 | 271.732 | 234.155 | 221.792 |
| 73.0 | 326.384 | 310.839 | 259.920 | 223.628 | 212.061 |
| 73.5 | 312.981 | 297.620 | 248.292 | 213.591 | 202.330 |
| 74.0 | 299.823 | 284.645 | 236.786 | 203.493 | 192.660 |
| 74.5 | 286.787 | 271.916 | 225.403 | 193.701 | 183.480 |
| 75.0 | 273.935 | 259.369 | 214.081 | 183.848 | 174.361 |
| 75.5 | 261.328 | 247.068 | 203.126 | 174.484 | 165.304 |
| 76.0 | 249.026 | 234.889 | 192.416 | 165.120 | 156.552 |
| 76.5 | 236.664 | 222.710 | 181.705 | 156.123 | 147.984 |
| 77.0 | 224.975 | 210.837 | 171.424 | 147.127 | 139.477 |
| 77.5 | 213.102 | 199.148 | 161.203 | 138.436 | 131.154 |
| 78.0 | 201.290 | 187.642 | 151.105 | 129.930 | 123.259 |
| 78.5 | 189.600 | 176.259 | 141.435 | 121.667 | 115.241 |
| 79.0 | 178.462 | 165.304 | 131.949 | 113.528 | 107.530 |
| 79.5 | 167.507 | 154.165 | 122.708 | 105.388 | 100.002 |
| 80.0 | 156.613 | 143.516 | 113.528 | 97.738  | 92.719  |
| 80.5 | 145.781 | 132.928 | 104.592 | 90.149  | 85.498  |
| 81.0 | 135.315 | 122.647 | 96.024  | 82.927  | 78.643  |
| 81.5 | 124.972 | 112.671 | 87.640  | 75.767  | 71.850  |
| 82.0 | 114.996 | 102.573 | 79.684  | 68.790  | 65.118  |
| 82.5 | 105.266 | 93.025  | 71.850  | 61.997  | 58.692  |

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**CANDELA TABULATION - (Cont.)**

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| 83.0  | 95.657 | 83.600 | 64.261 | 55.387 | 52.143 |
| 83.5  | 86.171 | 74.604 | 57.100 | 48.900 | 45.901 |
| 84.0  | 77.113 | 65.791 | 50.124 | 42.535 | 39.842 |
| 84.5  | 68.178 | 57.468 | 43.453 | 36.476 | 34.028 |
| 85.0  | 59.732 | 49.450 | 37.027 | 30.784 | 28.336 |
| 85.5  | 51.531 | 41.739 | 30.906 | 24.970 | 22.216 |
| 86.0  | 43.820 | 34.395 | 25.398 | 18.972 | 15.484 |
| 86.5  | 36.170 | 27.785 | 20.074 | 11.995 | 9.547  |
| 87.0  | 29.132 | 21.543 | 14.321 | 7.589  | 6.793  |
| 87.5  | 22.583 | 16.035 | 8.262  | 5.814  | 5.324  |
| 88.0  | 16.524 | 10.955 | 5.202  | 4.468  | 4.162  |
| 88.5  | 11.383 | 6.120  | 3.856  | 3.244  | 2.876  |
| 89.0  | 7.161  | 3.060  | 2.570  | 2.081  | 1.836  |
| 89.5  | 3.550  | 1.652  | 1.408  | 1.040  | 0.918  |
| 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  |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LRX4X-6-L8-830-DMA-DIM-UNV\_.IES

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 : LRX4X-6-L8-830-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 : LRX4X-6-L8-830-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 : LRX4X-6-L8-830-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 800.43  | N.A.  | 16.50  |
| 0-30    | 1640.75 | N.A.  | 33.70  |
| 0-40    | 2566.41 | N.A.  | 52.80  |
| 0-60    | 4112.77 | N.A.  | 84.50  |
| 0-80    | 4814.48 | N.A.  | 99.00  |
| 0-90    | 4864.86 | N.A.  | 100.00 |
| 10-90   | 4653.23 | N.A.  | 95.60  |
| 20-40   | 1765.97 | N.A.  | 36.30  |
| 20-50   | 2624.36 | N.A.  | 53.90  |
| 40-70   | 2012.65 | N.A.  | 41.40  |
| 60-80   | 701.71  | N.A.  | 14.40  |
| 70-80   | 235.43  | N.A.  | 4.80   |
| 80-90   | 50.38   | N.A.  | 1.00   |
| 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   | 4864.86 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens |
|---------|--------|
| 0-10    | 211.63 |
| 10-20   | 588.80 |
| 20-30   | 840.31 |
| 30-40   | 925.66 |
| 40-50   | 858.39 |
| 50-60   | 687.97 |
| 60-70   | 466.28 |
| 70-80   | 235.43 |
| 80-90   | 50.38  |
| 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 : LRX4X-6-L8-830-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  | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86  |
| 2  | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  |
| 3  | 93  | 83  | 75  | 69  | 90  | 81  | 74  | 69  | 78  | 72  | 67  | 76  | 71  | 66  | 73  | 69  | 65  | 63  |
| 4  | 85  | 74  | 66  | 60  | 83  | 73  | 65  | 59  | 70  | 64  | 58  | 68  | 62  | 58  | 66  | 61  | 57  | 55  |
| 5  | 79  | 67  | 58  | 52  | 77  | 66  | 58  | 52  | 64  | 57  | 51  | 62  | 56  | 51  | 60  | 54  | 50  | 48  |
| 6  | 73  | 61  | 52  | 46  | 71  | 60  | 52  | 46  | 58  | 51  | 45  | 56  | 50  | 45  | 55  | 49  | 45  | 43  |
| 7  | 68  | 55  | 47  | 41  | 66  | 54  | 47  | 41  | 53  | 46  | 41  | 51  | 45  | 40  | 50  | 44  | 40  | 38  |
| 8  | 64  | 51  | 43  | 37  | 62  | 50  | 42  | 37  | 49  | 42  | 37  | 47  | 41  | 36  | 46  | 41  | 36  | 34  |
| 9  | 60  | 47  | 39  | 34  | 58  | 46  | 39  | 33  | 45  | 38  | 33  | 44  | 38  | 33  | 43  | 37  | 33  | 31  |
| 10 | 56  | 43  | 36  | 31  | 55  | 43  | 35  | 31  | 42  | 35  | 30  | 41  | 35  | 30  | 40  | 34  | 30  | 28  |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX4X-6-L8-830-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

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| X=2H | Y=2H | 18.6 | 20.2 | 19.0 | 20.5 | 20.8 | 16.9 | 18.4 | 17.3 | 18.7 | 19.1 |
|      | 3H   | 20.2 | 21.6 | 20.6 | 21.9 | 22.3 | 18.2 | 19.6 | 18.6 | 19.9 | 20.3 |
|      | 4H   | 20.8 | 22.1 | 21.2 | 22.4 | 22.8 | 18.7 | 19.9 | 19.1 | 20.3 | 20.7 |
|      | 6H   | 21.1 | 22.3 | 21.5 | 22.7 | 23.1 | 18.9 | 20.1 | 19.3 | 20.5 | 20.9 |
|      | 8H   | 21.2 | 22.4 | 21.7 | 22.8 | 23.2 | 19.0 | 20.1 | 19.4 | 20.5 | 20.9 |
|      | 12H  | 21.3 | 22.4 | 21.7 | 22.8 | 23.2 | 19.0 | 20.1 | 19.4 | 20.5 | 20.9 |

UGR Viewed Endwise

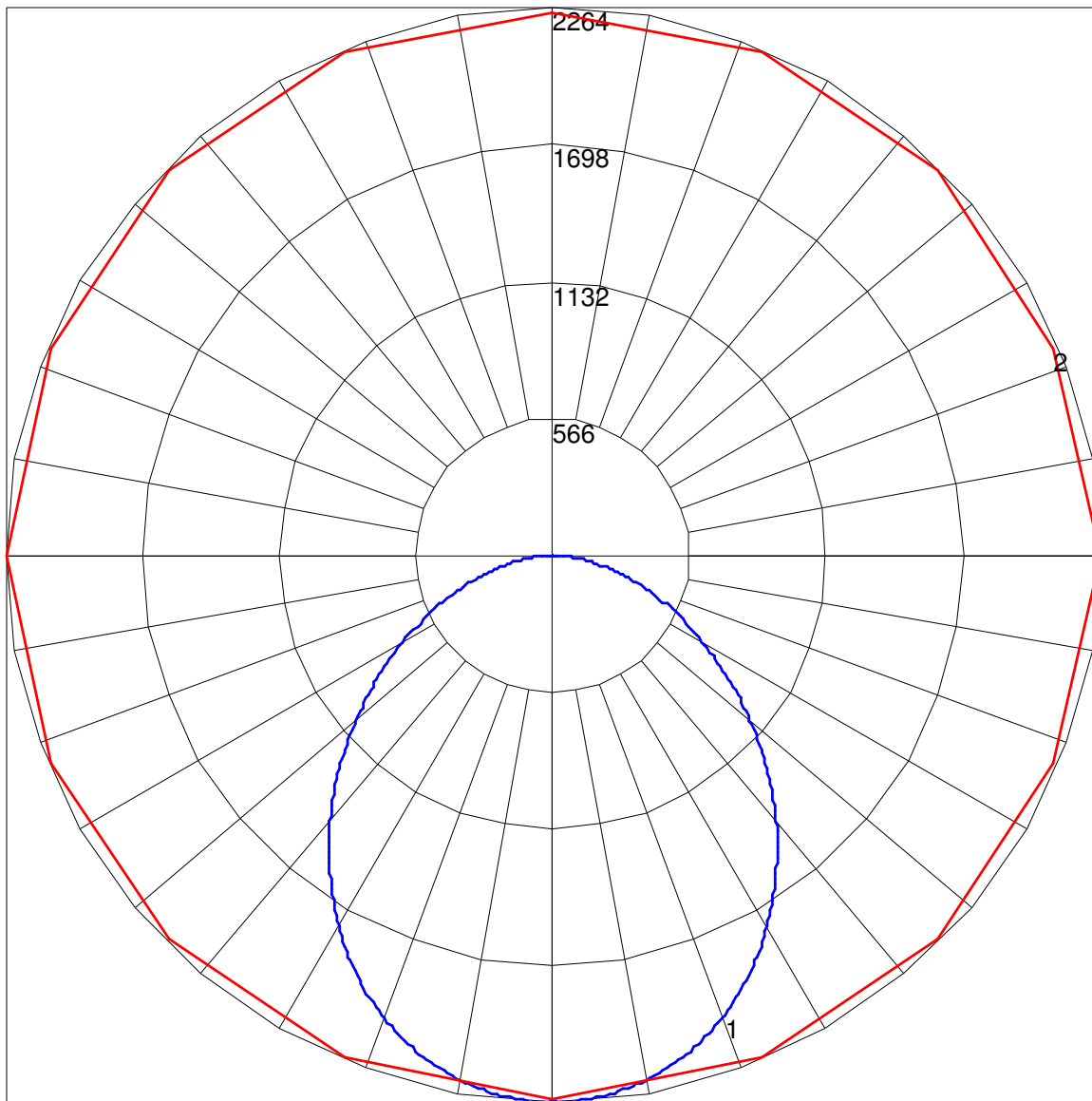
|    |     |      |      |      |      |      |      |      |      |      |      |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 4H | 2H  | 19.0 | 20.3 | 19.4 | 20.6 | 21.0 | 17.6 | 18.9 | 18.0 | 19.2 | 19.6 |
|    | 3H  | 20.8 | 21.9 | 21.2 | 22.3 | 22.7 | 19.1 | 20.2 | 19.5 | 20.6 | 21.0 |
|    | 4H  | 21.5 | 22.4 | 21.9 | 22.9 | 23.3 | 19.6 | 20.6 | 20.0 | 21.0 | 21.4 |
|    | 6H  | 22.0 | 22.8 | 22.4 | 23.3 | 23.7 | 20.0 | 20.8 | 20.4 | 21.3 | 21.7 |
|    | 8H  | 22.1 | 22.9 | 22.6 | 23.4 | 23.8 | 20.0 | 20.8 | 20.5 | 21.3 | 21.7 |
|    | 12H | 22.2 | 22.9 | 22.7 | 23.4 | 23.9 | 20.1 | 20.8 | 20.6 | 21.3 | 21.7 |

|    |     |      |      |      |      |      |      |      |      |      |      |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 8H | 4H  | 21.6 | 22.4 | 22.1 | 22.8 | 23.3 | 19.9 | 20.7 | 20.4 | 21.2 | 21.6 |
|    | 6H  | 22.2 | 22.8 | 22.7 | 23.3 | 23.8 | 20.3 | 21.0 | 20.8 | 21.5 | 22.0 |
|    | 8H  | 22.4 | 23.0 | 22.9 | 23.5 | 24.0 | 20.5 | 21.1 | 21.0 | 21.6 | 22.1 |
|    | 12H | 22.5 | 23.0 | 23.0 | 23.5 | 24.1 | 20.5 | 21.1 | 21.0 | 21.5 | 22.1 |

|     |    |      |      |      |      |      |      |      |      |      |      |
|-----|----|------|------|------|------|------|------|------|------|------|------|
| 12H | 4H | 21.6 | 22.3 | 22.1 | 22.8 | 23.2 | 20.0 | 20.7 | 20.4 | 21.1 | 21.6 |
|     | 6H | 22.2 | 22.8 | 22.7 | 23.2 | 23.8 | 20.4 | 21.0 | 20.9 | 21.5 | 22.0 |
|     | 8H | 22.4 | 22.9 | 22.9 | 23.4 | 24.0 | 20.6 | 21.1 | 21.1 | 21.6 | 22.1 |

Maximum UGR = 24.1

POLAR GRAPH



Maximum Candela = 2264.433 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.)