

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L8-935-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-8-L8-935-DMA-DIM-UNV\_

[LUMINAIRE] Nominal 2" x 8' 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                | 5358            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 87              |
| Total Luminaire Watts           | 61.6            |
| Ballast Factor                  | 1.00            |
| CIE Type                        | Direct          |
| Spacing Criterion (0-180)       | 1.18            |
| Spacing Criterion (90-270)      | 1.04            |
| Spacing Criterion (Diagonal)    | 1.20            |
| Basic Luminous Shape            | Rectangular     |
| Luminous Length (0-180)         | 8.00 ft         |
| Luminous Width (90-270)         | 0.23 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                  | 11443            | 9907              | 8642              |
| 55                  | 10113            | 8482              | 7018              |
| 65                  | 8675             | 6826              | 5509              |
| 75                  | 6960             | 4867              | 3780              |
| 85                  | 4582             | 1450              | 785               |

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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  | 2548.555   | 2548.555    | 2548.555    | 2548.555    | 2548.555    |
| 0.5  | 2552.527   | 2544.583    | 2550.938    | 2549.349    | 2542.199    |
| 1.0  | 2550.938   | 2543.788    | 2550.938    | 2548.555    | 2541.405    |
| 1.5  | 2550.144   | 2542.199    | 2548.555    | 2546.172    | 2539.022    |
| 2.0  | 2549.349   | 2541.405    | 2547.760    | 2544.583    | 2536.638    |
| 2.5  | 2547.760   | 2539.816    | 2545.377    | 2541.405    | 2534.255    |
| 3.0  | 2546.172   | 2538.227    | 2542.994    | 2538.227    | 2530.283    |
| 3.5  | 2543.788   | 2535.844    | 2539.022    | 2533.461    | 2526.311    |
| 4.0  | 2541.405   | 2532.666    | 2535.844    | 2529.488    | 2520.750    |
| 4.5  | 2539.022   | 2529.488    | 2531.077    | 2523.927    | 2514.394    |
| 5.0  | 2537.433   | 2526.311    | 2527.105    | 2517.572    | 2508.833    |
| 5.5  | 2532.666   | 2522.338    | 2521.544    | 2512.011    | 2502.477    |
| 6.0  | 2529.488   | 2518.366    | 2515.983    | 2504.861    | 2495.328    |
| 6.5  | 2525.516   | 2513.600    | 2510.422    | 2496.916    | 2487.383    |
| 7.0  | 2520.750   | 2508.039    | 2504.066    | 2489.766    | 2477.850    |
| 7.5  | 2515.983   | 2503.272    | 2496.916    | 2480.233    | 2468.317    |
| 8.0  | 2511.216   | 2497.711    | 2489.766    | 2471.494    | 2457.989    |
| 8.5  | 2505.655   | 2491.355    | 2481.822    | 2461.961    | 2449.250    |
| 9.0  | 2499.300   | 2485.000    | 2473.878    | 2451.633    | 2438.922    |
| 9.5  | 2493.739   | 2479.439    | 2465.139    | 2441.306    | 2427.006    |
| 10.0 | 2487.383   | 2472.289    | 2456.400    | 2430.184    | 2415.089    |
| 10.5 | 2481.822   | 2465.139    | 2446.867    | 2418.267    | 2402.378    |
| 11.0 | 2474.672   | 2457.195    | 2436.539    | 2406.351    | 2388.078    |
| 11.5 | 2468.317   | 2450.045    | 2426.211    | 2393.640    | 2376.162    |
| 12.0 | 2463.550   | 2442.895    | 2415.089    | 2380.929    | 2362.656    |
| 12.5 | 2453.222   | 2434.950    | 2403.967    | 2366.629    | 2349.151    |
| 13.0 | 2443.689   | 2425.417    | 2392.845    | 2353.123    | 2334.057    |
| 13.5 | 2435.745   | 2414.295    | 2380.929    | 2339.618    | 2318.962    |
| 14.0 | 2426.211   | 2403.967    | 2368.218    | 2324.524    | 2303.868    |
| 14.5 | 2416.678   | 2392.845    | 2355.507    | 2309.429    | 2287.979    |
| 15.0 | 2407.145   | 2382.517    | 2343.590    | 2294.335    | 2271.296    |
| 15.5 | 2397.612   | 2372.190    | 2330.879    | 2277.652    | 2254.613    |
| 16.0 | 2387.284   | 2361.068    | 2318.168    | 2261.763    | 2238.724    |
| 16.5 | 2377.751   | 2349.151    | 2303.868    | 2245.874    | 2221.247    |
| 17.0 | 2365.834   | 2337.235    | 2287.979    | 2228.397    | 2202.975    |
| 17.5 | 2354.712   | 2325.318    | 2272.885    | 2211.713    | 2185.497    |
| 18.0 | 2344.384   | 2312.607    | 2257.791    | 2194.236    | 2166.430    |
| 18.5 | 2331.673   | 2299.896    | 2241.902    | 2175.964    | 2148.158    |
| 19.0 | 2319.757   | 2287.185    | 2226.013    | 2159.281    | 2129.886    |
| 19.5 | 2308.635   | 2273.680    | 2210.125    | 2140.214    | 2109.231    |
| 20.0 | 2295.129   | 2260.174    | 2194.236    | 2121.148    | 2090.165    |
| 20.5 | 2283.213   | 2247.463    | 2178.347    | 2102.876    | 2071.098    |
| 21.0 | 2270.502   | 2233.163    | 2160.869    | 2084.603    | 2051.237    |
| 21.5 | 2256.996   | 2218.863    | 2143.392    | 2065.537    | 2031.376    |
| 22.0 | 2243.491   | 2204.563    | 2126.709    | 2045.676    | 2011.515    |
| 22.5 | 2229.985   | 2189.469    | 2110.025    | 2025.815    | 1991.654    |
| 23.0 | 2215.686   | 2175.169    | 2091.753    | 2005.954    | 1970.999    |
| 23.5 | 2202.180   | 2160.075    | 2073.481    | 1986.888    | 1950.344    |
| 24.0 | 2186.291   | 2144.186    | 2055.209    | 1966.232    | 1930.483    |
| 24.5 | 2171.992   | 2128.297    | 2036.143    | 1946.371    | 1909.827    |
| 25.0 | 2156.897   | 2112.409    | 2018.665    | 1925.716    | 1889.172    |
| 25.5 | 2141.803   | 2096.520    | 1999.599    | 1905.061    | 1867.722    |
| 26.0 | 2126.709   | 2079.042    | 1980.532    | 1885.200    | 1847.067    |
| 26.5 | 2110.820   | 2063.154    | 1961.466    | 1864.544    | 1825.617    |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 27.0 | 2094.137 | 2045.676 | 1942.399 | 1843.889 | 1804.962 |
| 27.5 | 2077.454 | 2028.993 | 1922.538 | 1823.234 | 1783.512 |
| 28.0 | 2059.181 | 2011.515 | 1903.472 | 1802.578 | 1762.062 |
| 28.5 | 2040.909 | 1994.038 | 1884.405 | 1782.717 | 1740.612 |
| 29.0 | 2024.226 | 1976.560 | 1863.750 | 1761.267 | 1719.162 |
| 29.5 | 2007.543 | 1958.288 | 1843.889 | 1739.818 | 1696.918 |
| 30.0 | 1989.271 | 1940.016 | 1824.822 | 1719.162 | 1677.057 |
| 30.5 | 1972.588 | 1922.538 | 1804.962 | 1697.712 | 1655.607 |
| 31.0 | 1954.316 | 1904.266 | 1785.101 | 1676.263 | 1634.952 |
| 31.5 | 1937.633 | 1885.200 | 1764.445 | 1655.607 | 1614.297 |
| 32.0 | 1919.360 | 1866.133 | 1744.584 | 1634.158 | 1592.847 |
| 32.5 | 1901.088 | 1847.067 | 1723.929 | 1611.913 | 1571.397 |
| 33.0 | 1883.611 | 1828.000 | 1704.068 | 1591.258 | 1550.742 |
| 33.5 | 1865.339 | 1809.728 | 1684.207 | 1571.397 | 1530.086 |
| 34.0 | 1846.272 | 1789.867 | 1663.552 | 1549.947 | 1508.636 |
| 34.5 | 1828.000 | 1770.801 | 1643.691 | 1529.292 | 1488.775 |
| 35.0 | 1808.934 | 1751.734 | 1623.035 | 1508.636 | 1466.531 |
| 35.5 | 1791.456 | 1731.873 | 1602.380 | 1487.981 | 1445.081 |
| 36.0 | 1772.390 | 1712.807 | 1582.519 | 1466.531 | 1422.043 |
| 36.5 | 1753.323 | 1692.946 | 1561.864 | 1445.081 | 1402.182 |
| 37.0 | 1735.051 | 1673.085 | 1541.208 | 1422.837 | 1381.526 |
| 37.5 | 1715.190 | 1653.224 | 1522.142 | 1402.182 | 1361.666 |
| 38.0 | 1694.535 | 1634.158 | 1501.486 | 1382.321 | 1341.010 |
| 38.5 | 1675.468 | 1613.502 | 1480.831 | 1362.460 | 1321.149 |
| 39.0 | 1657.196 | 1593.641 | 1458.587 | 1341.805 | 1301.288 |
| 39.5 | 1636.541 | 1573.780 | 1437.137 | 1321.944 | 1281.427 |
| 40.0 | 1617.474 | 1553.919 | 1416.482 | 1302.877 | 1261.566 |
| 40.5 | 1597.613 | 1534.058 | 1396.621 | 1282.222 | 1241.705 |
| 41.0 | 1576.164 | 1514.197 | 1376.760 | 1263.155 | 1221.845 |
| 41.5 | 1556.303 | 1493.542 | 1356.104 | 1243.294 | 1202.778 |
| 42.0 | 1535.647 | 1472.887 | 1337.038 | 1224.228 | 1182.917 |
| 42.5 | 1514.992 | 1451.437 | 1316.383 | 1204.367 | 1163.851 |
| 43.0 | 1495.131 | 1429.193 | 1298.111 | 1185.300 | 1143.990 |
| 43.5 | 1473.681 | 1409.332 | 1278.250 | 1166.234 | 1124.129 |
| 44.0 | 1451.437 | 1389.471 | 1258.389 | 1147.167 | 1104.268 |
| 44.5 | 1428.398 | 1368.815 | 1239.322 | 1128.101 | 1084.407 |
| 45.0 | 1408.537 | 1348.955 | 1219.461 | 1109.034 | 1063.752 |
| 45.5 | 1388.676 | 1329.094 | 1200.395 | 1089.968 | 1043.891 |
| 46.0 | 1368.021 | 1309.233 | 1180.534 | 1070.107 | 1024.824 |
| 46.5 | 1347.366 | 1289.372 | 1161.467 | 1051.041 | 1004.963 |
| 47.0 | 1326.710 | 1269.511 | 1143.195 | 1031.180 | 985.897  |
| 47.5 | 1306.849 | 1249.650 | 1124.129 | 1012.113 | 966.830  |
| 48.0 | 1286.194 | 1229.789 | 1105.062 | 992.252  | 947.764  |
| 48.5 | 1266.333 | 1210.722 | 1085.996 | 973.186  | 928.697  |
| 49.0 | 1246.472 | 1190.861 | 1067.724 | 954.119  | 909.631  |
| 49.5 | 1225.817 | 1171.001 | 1048.657 | 935.053  | 891.359  |
| 50.0 | 1206.750 | 1151.934 | 1030.385 | 916.781  | 873.881  |
| 50.5 | 1186.889 | 1132.073 | 1012.113 | 897.714  | 855.609  |
| 51.0 | 1167.028 | 1113.007 | 993.841  | 879.442  | 837.337  |
| 51.5 | 1147.167 | 1093.940 | 975.569  | 861.170  | 819.859  |
| 52.0 | 1127.307 | 1074.874 | 957.297  | 842.898  | 802.382  |
| 52.5 | 1108.240 | 1055.807 | 939.025  | 825.420  | 784.745  |
| 53.0 | 1088.379 | 1037.535 | 920.753  | 807.148  | 767.029  |
| 53.5 | 1068.518 | 1018.469 | 902.481  | 789.591  | 750.982  |
| 54.0 | 1048.657 | 999.402  | 884.209  | 772.034  | 733.583  |
| 54.5 | 1029.591 | 980.336  | 865.142  | 754.795  | 716.900  |

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**CANDELA TABULATION - (Cont.)**

|      |          |         |         |         |         |
|------|----------|---------|---------|---------|---------|
| 55.0 | 1009.730 | 962.064 | 846.870 | 737.238 | 700.694 |
| 55.5 | 990.663  | 943.791 | 828.598 | 720.316 | 684.487 |
| 56.0 | 970.802  | 925.519 | 809.532 | 703.315 | 668.122 |
| 56.5 | 951.736  | 906.453 | 791.577 | 686.791 | 651.677 |
| 57.0 | 931.875  | 888.975 | 773.544 | 670.108 | 635.947 |
| 57.5 | 913.603  | 870.703 | 755.510 | 653.822 | 620.058 |
| 58.0 | 894.536  | 852.431 | 737.556 | 637.615 | 604.726 |
| 58.5 | 874.675  | 834.159 | 719.999 | 621.568 | 589.155 |
| 59.0 | 856.403  | 815.887 | 702.283 | 605.758 | 573.743 |
| 59.5 | 837.337  | 798.409 | 684.725 | 589.949 | 558.807 |
| 60.0 | 819.065  | 780.455 | 667.486 | 574.616 | 544.190 |
| 60.5 | 799.998  | 762.978 | 650.565 | 559.046 | 529.334 |
| 61.0 | 781.567  | 745.421 | 633.643 | 543.633 | 514.875 |
| 61.5 | 763.136  | 727.943 | 616.722 | 528.539 | 500.813 |
| 62.0 | 744.785  | 710.465 | 599.880 | 514.080 | 486.593 |
| 62.5 | 726.831  | 693.385 | 583.196 | 499.383 | 472.452 |
| 63.0 | 708.876  | 676.384 | 566.752 | 484.766 | 458.788 |
| 63.5 | 691.319  | 659.542 | 550.307 | 470.386 | 445.441 |
| 64.0 | 673.206  | 642.620 | 534.180 | 456.245 | 431.697 |
| 64.5 | 655.570  | 625.937 | 518.132 | 442.184 | 418.430 |
| 65.0 | 638.171  | 609.175 | 502.164 | 428.361 | 405.322 |
| 65.5 | 620.694  | 592.571 | 486.355 | 414.537 | 392.214 |
| 66.0 | 603.534  | 576.364 | 470.704 | 401.111 | 379.264 |
| 66.5 | 586.533  | 559.999 | 455.371 | 387.527 | 366.633 |
| 67.0 | 569.294  | 543.633 | 439.880 | 374.259 | 354.081 |
| 67.5 | 552.372  | 527.506 | 424.865 | 361.151 | 341.449 |
| 68.0 | 535.769  | 511.062 | 409.612 | 348.122 | 329.135 |
| 68.5 | 519.085  | 494.537 | 394.994 | 335.411 | 316.901 |
| 69.0 | 502.561  | 477.695 | 380.377 | 322.621 | 304.826 |
| 69.5 | 486.116  | 461.330 | 365.918 | 310.148 | 293.068 |
| 70.0 | 469.592  | 444.885 | 351.618 | 297.835 | 280.992 |
| 70.5 | 453.226  | 428.440 | 337.477 | 285.600 | 269.553 |
| 71.0 | 436.941  | 412.234 | 323.495 | 273.445 | 257.954 |
| 71.5 | 421.131  | 396.265 | 309.751 | 261.608 | 246.355 |
| 72.0 | 405.560  | 380.456 | 296.246 | 249.692 | 234.995 |
| 72.5 | 389.592  | 365.044 | 282.899 | 238.093 | 223.793 |
| 73.0 | 374.101  | 349.552 | 269.791 | 226.574 | 212.909 |
| 73.5 | 358.530  | 334.140 | 256.921 | 215.134 | 201.867 |
| 74.0 | 343.515  | 319.284 | 244.210 | 204.170 | 191.300 |
| 74.5 | 328.420  | 304.428 | 231.737 | 192.969 | 180.734 |
| 75.0 | 313.564  | 289.652 | 219.265 | 182.085 | 170.327 |
| 75.5 | 298.788  | 275.352 | 207.189 | 171.360 | 160.317 |
| 76.0 | 284.567  | 261.052 | 195.352 | 161.032 | 150.308 |
| 76.5 | 270.426  | 247.229 | 183.594 | 150.864 | 140.695 |
| 77.0 | 256.444  | 233.247 | 172.155 | 140.774 | 131.479 |
| 77.5 | 242.780  | 219.662 | 160.874 | 131.082 | 122.264 |
| 78.0 | 229.195  | 206.315 | 149.751 | 121.628 | 113.287 |
| 78.5 | 216.007  | 193.207 | 138.709 | 112.413 | 104.548 |
| 79.0 | 202.979  | 180.258 | 128.063 | 103.356 | 95.968  |
| 79.5 | 190.427  | 167.467 | 117.736 | 94.617  | 87.468  |
| 80.0 | 178.033  | 154.995 | 107.726 | 86.117  | 79.285  |
| 80.5 | 165.879  | 142.760 | 98.034  | 77.617  | 71.102  |
| 81.0 | 153.883  | 130.685 | 88.818  | 69.354  | 63.158  |
| 81.5 | 142.204  | 119.007 | 79.762  | 61.172  | 55.055  |
| 82.0 | 130.844  | 107.726 | 71.182  | 53.307  | 47.031  |
| 82.5 | 119.801  | 96.762  | 62.761  | 45.203  | 38.530  |

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**CANDELA TABULATION - (Cont.)**

|       |         |        |        |        |        |
|-------|---------|--------|--------|--------|--------|
| 83.0  | 109.076 | 86.117 | 54.498 | 36.941 | 29.394 |
| 83.5  | 98.669  | 75.789 | 46.554 | 27.805 | 19.623 |
| 84.0  | 88.580  | 66.018 | 38.769 | 18.510 | 15.174 |
| 84.5  | 78.888  | 56.643 | 30.904 | 14.141 | 13.426 |
| 85.0  | 69.513  | 47.746 | 22.006 | 12.393 | 11.917 |
| 85.5  | 60.536  | 39.404 | 13.347 | 10.884 | 10.487 |
| 86.0  | 51.877  | 31.460 | 10.487 | 9.374  | 9.057  |
| 86.5  | 43.456  | 23.992 | 8.898  | 7.944  | 7.627  |
| 87.0  | 35.591  | 16.683 | 7.388  | 6.594  | 6.276  |
| 87.5  | 28.044  | 8.818  | 5.879  | 5.164  | 5.005  |
| 88.0  | 20.973  | 5.561  | 4.528  | 3.893  | 3.654  |
| 88.5  | 14.459  | 4.131  | 3.178  | 2.701  | 2.542  |
| 89.0  | 8.818   | 2.701  | 1.907  | 1.589  | 1.509  |
| 89.5  | 3.972   | 1.430  | 0.953  | 0.794  | 0.636  |
| 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 : LRX2X-8-L8-935-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 : LRX2X-8-L8-935-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 : LRX2X-8-L8-935-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 : LRX2X-8-L8-935-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 896.25  | N.A.  | 16.70  |
| 0-30    | 1824.53 | N.A.  | 34.10  |
| 0-40    | 2843.01 | N.A.  | 53.10  |
| 0-60    | 4551.9  | N.A.  | 85.00  |
| 0-80    | 5312.89 | N.A.  | 99.20  |
| 0-90    | 5358.2  | N.A.  | 100.00 |
| 10-90   | 5119.59 | N.A.  | 95.50  |
| 20-40   | 1946.76 | N.A.  | 36.30  |
| 20-50   | 2894.52 | N.A.  | 54.00  |
| 40-70   | 2220.51 | N.A.  | 41.40  |
| 60-80   | 760.98  | N.A.  | 14.20  |
| 70-80   | 249.36  | N.A.  | 4.70   |
| 80-90   | 45.31   | N.A.  | 0.80   |
| 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   | 5358.2  | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 238.61  |
| 10-20   | 657.64  |
| 20-30   | 928.28  |
| 30-40   | 1018.48 |
| 40-50   | 947.76  |
| 50-60   | 761.13  |
| 60-70   | 511.62  |
| 70-80   | 249.36  |
| 80-90   | 45.31   |
| 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 : LRX2X-8-L8-935-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 | 99  | 107 | 104 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86  |
| 2  | 101 | 93  | 87  | 82  | 98  | 92  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 79  | 76  | 74  |
| 3  | 93  | 83  | 76  | 70  | 90  | 82  | 75  | 69  | 79  | 73  | 68  | 76  | 71  | 67  | 73  | 69  | 65  | 63  |
| 4  | 85  | 74  | 66  | 60  | 83  | 73  | 65  | 60  | 71  | 64  | 59  | 68  | 63  | 58  | 66  | 61  | 57  | 55  |
| 5  | 79  | 67  | 59  | 52  | 77  | 66  | 58  | 52  | 64  | 57  | 52  | 62  | 56  | 51  | 60  | 55  | 50  | 48  |
| 6  | 73  | 61  | 52  | 46  | 71  | 60  | 52  | 46  | 58  | 51  | 46  | 56  | 50  | 45  | 55  | 49  | 45  | 43  |
| 7  | 68  | 55  | 47  | 41  | 67  | 55  | 47  | 41  | 53  | 46  | 41  | 52  | 45  | 41  | 50  | 45  | 40  | 38  |
| 8  | 64  | 51  | 43  | 37  | 62  | 50  | 42  | 37  | 49  | 42  | 37  | 48  | 41  | 37  | 47  | 41  | 36  | 35  |
| 9  | 60  | 47  | 39  | 34  | 58  | 46  | 39  | 34  | 45  | 38  | 34  | 44  | 38  | 33  | 43  | 37  | 33  | 31  |
| 10 | 56  | 43  | 36  | 31  | 55  | 43  | 36  | 31  | 42  | 35  | 31  | 41  | 35  | 31  | 40  | 35  | 30  | 29  |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2X-8-L8-935-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

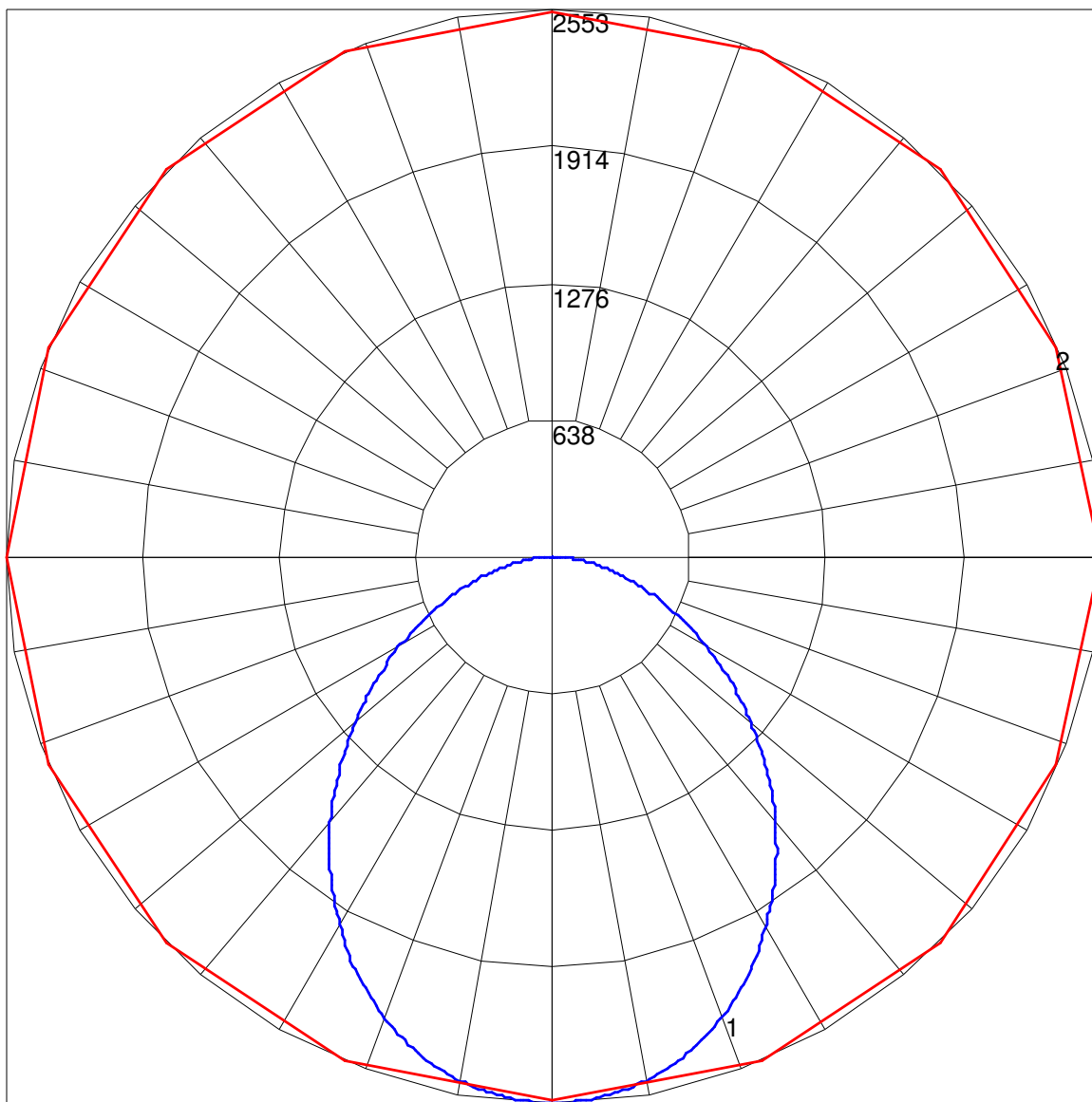
Reflectances

|                |    |    |    |    |    |    |    |    |    |    |
|----------------|----|----|----|----|----|----|----|----|----|----|
| 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 | 20.0                 | 21.5 | 20.4 | 21.9 | 22.2 | 17.9               | 19.4 | 18.2 | 19.7 | 20.0 |
|           | 3H   | 21.6                 | 23.0 | 22.0 | 23.3 | 23.7 | 19.1               | 20.5 | 19.5 | 20.8 | 21.2 |
|           | 4H   | 22.2                 | 23.5 | 22.6 | 23.8 | 24.2 | 19.5               | 20.8 | 19.9 | 21.2 | 21.5 |
|           | 6H   | 22.5                 | 23.7 | 22.9 | 24.1 | 24.5 | 19.7               | 20.9 | 20.1 | 21.3 | 21.6 |
|           | 8H   | 22.6                 | 23.8 | 23.1 | 24.2 | 24.6 | 19.7               | 20.8 | 20.1 | 21.2 | 21.6 |
|           | 12H  | 22.7                 | 23.8 | 23.1 | 24.2 | 24.6 | 19.7               | 20.8 | 20.1 | 21.2 | 21.6 |
| 4H        | 2H   | 20.3                 | 21.6 | 20.7 | 22.0 | 22.3 | 18.6               | 19.9 | 19.0 | 20.2 | 20.6 |
|           | 3H   | 22.1                 | 23.2 | 22.6 | 23.6 | 24.0 | 20.0               | 21.1 | 20.4 | 21.5 | 21.9 |
|           | 4H   | 22.8                 | 23.8 | 23.3 | 24.2 | 24.6 | 20.5               | 21.4 | 20.9 | 21.9 | 22.3 |
|           | 6H   | 23.3                 | 24.2 | 23.8 | 24.6 | 25.1 | 20.7               | 21.6 | 21.2 | 22.0 | 22.5 |
|           | 8H   | 23.4                 | 24.2 | 23.9 | 24.7 | 25.1 | 20.7               | 21.5 | 21.2 | 22.0 | 22.4 |
|           | 12H  | 23.5                 | 24.2 | 24.0 | 24.7 | 25.2 | 20.7               | 21.4 | 21.2 | 21.9 | 22.4 |
| 8H        | 4H   | 22.9                 | 23.7 | 23.4 | 24.1 | 24.6 | 20.8               | 21.6 | 21.2 | 22.0 | 22.5 |
|           | 6H   | 23.5                 | 24.1 | 24.0 | 24.6 | 25.1 | 21.1               | 21.7 | 21.6 | 22.2 | 22.7 |
|           | 8H   | 23.7                 | 24.2 | 24.2 | 24.8 | 25.2 | 21.1               | 21.7 | 21.6 | 22.2 | 22.7 |
|           | 12H  | 23.8                 | 24.3 | 24.3 | 24.8 | 25.4 | 21.1               | 21.6 | 21.6 | 22.1 | 22.7 |
| 12H       | 4H   | 22.9                 | 23.6 | 23.4 | 24.1 | 24.5 | 20.8               | 21.5 | 21.3 | 22.0 | 22.4 |
|           | 6H   | 23.5                 | 24.1 | 24.0 | 24.5 | 25.1 | 21.1               | 21.7 | 21.7 | 22.2 | 22.7 |
|           | 8H   | 23.7                 | 24.2 | 24.2 | 24.7 | 25.2 | 21.2               | 21.7 | 21.7 | 22.2 | 22.7 |

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 2552.527 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.)