

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L8-835-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-8-L8-835-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                | 6456            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 105             |
| 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                  | 13787            | 11936             | 10412             |
| 55                  | 12184            | 10219             | 8455              |
| 65                  | 10451            | 8224              | 6638              |
| 75                  | 8385             | 5863              | 4555              |
| 85                  | 5520             | 1748              | 946               |

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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  | 3070.548   | 3070.548    | 3070.548    | 3070.548    | 3070.548    |
| 0.5  | 3075.334   | 3065.762    | 3073.420    | 3071.505    | 3062.891    |
| 1.0  | 3073.420   | 3064.805    | 3073.420    | 3070.548    | 3061.934    |
| 1.5  | 3072.462   | 3062.891    | 3070.548    | 3067.677    | 3059.062    |
| 2.0  | 3071.505   | 3061.934    | 3069.591    | 3065.762    | 3056.191    |
| 2.5  | 3069.591   | 3060.019    | 3066.719    | 3061.934    | 3053.319    |
| 3.0  | 3067.677   | 3058.105    | 3063.848    | 3058.105    | 3048.534    |
| 3.5  | 3064.805   | 3055.234    | 3059.062    | 3052.362    | 3043.748    |
| 4.0  | 3061.934   | 3051.405    | 3055.234    | 3047.576    | 3037.048    |
| 4.5  | 3059.062   | 3047.576    | 3049.491    | 3040.876    | 3029.390    |
| 5.0  | 3057.148   | 3043.748    | 3044.705    | 3033.219    | 3022.690    |
| 5.5  | 3051.405   | 3038.962    | 3038.005    | 3026.519    | 3015.033    |
| 6.0  | 3047.576   | 3034.176    | 3031.305    | 3017.905    | 3006.419    |
| 6.5  | 3042.791   | 3028.433    | 3024.605    | 3008.333    | 2996.847    |
| 7.0  | 3037.048   | 3021.733    | 3016.947    | 2999.719    | 2985.361    |
| 7.5  | 3031.305   | 3015.990    | 3008.333    | 2988.233    | 2973.876    |
| 8.0  | 3025.562   | 3009.290    | 2999.719    | 2977.704    | 2961.433    |
| 8.5  | 3018.862   | 3001.633    | 2990.147    | 2966.218    | 2950.904    |
| 9.0  | 3011.205   | 2993.976    | 2980.576    | 2953.775    | 2938.461    |
| 9.5  | 3004.504   | 2987.276    | 2970.047    | 2941.332    | 2924.104    |
| 10.0 | 2996.847   | 2978.661    | 2959.518    | 2927.932    | 2909.746    |
| 10.5 | 2990.147   | 2970.047    | 2948.032    | 2913.575    | 2894.432    |
| 11.0 | 2981.533   | 2960.475    | 2935.589    | 2899.218    | 2877.203    |
| 11.5 | 2973.876   | 2951.861    | 2923.146    | 2883.903    | 2862.846    |
| 12.0 | 2968.133   | 2943.247    | 2909.746    | 2868.589    | 2846.574    |
| 12.5 | 2955.690   | 2933.675    | 2896.346    | 2851.360    | 2830.303    |
| 13.0 | 2944.204   | 2922.189    | 2882.946    | 2835.088    | 2812.117    |
| 13.5 | 2934.632   | 2908.789    | 2868.589    | 2818.817    | 2793.931    |
| 14.0 | 2923.146   | 2896.346    | 2853.274    | 2800.631    | 2775.745    |
| 14.5 | 2911.661   | 2882.946    | 2837.960    | 2782.445    | 2756.602    |
| 15.0 | 2900.175   | 2870.503    | 2823.602    | 2764.259    | 2736.502    |
| 15.5 | 2888.689   | 2858.060    | 2808.288    | 2744.159    | 2716.401    |
| 16.0 | 2876.246   | 2844.660    | 2792.974    | 2725.016    | 2697.258    |
| 16.5 | 2864.760   | 2830.303    | 2775.745    | 2705.873    | 2676.201    |
| 17.0 | 2850.403   | 2815.945    | 2756.602    | 2684.815    | 2654.186    |
| 17.5 | 2837.003   | 2801.588    | 2738.416    | 2664.715    | 2633.129    |
| 18.0 | 2824.560   | 2786.273    | 2720.230    | 2643.658    | 2610.157    |
| 18.5 | 2809.245   | 2770.959    | 2701.087    | 2621.643    | 2588.143    |
| 19.0 | 2794.888   | 2755.645    | 2681.944    | 2601.543    | 2566.128    |
| 19.5 | 2781.488   | 2739.373    | 2662.801    | 2578.571    | 2541.242    |
| 20.0 | 2765.216   | 2723.101    | 2643.658    | 2555.600    | 2518.271    |
| 20.5 | 2750.859   | 2707.787    | 2624.515    | 2533.585    | 2495.299    |
| 21.0 | 2735.544   | 2690.558    | 2603.457    | 2511.570    | 2471.370    |
| 21.5 | 2719.273   | 2673.329    | 2582.400    | 2488.599    | 2447.441    |
| 22.0 | 2703.001   | 2656.101    | 2562.300    | 2464.670    | 2423.512    |
| 22.5 | 2686.730   | 2637.915    | 2542.199    | 2440.741    | 2399.584    |
| 23.0 | 2669.501   | 2620.686    | 2520.185    | 2416.812    | 2374.698    |
| 23.5 | 2653.229   | 2602.500    | 2498.170    | 2393.841    | 2349.812    |
| 24.0 | 2634.086   | 2583.357    | 2476.156    | 2368.955    | 2325.883    |
| 24.5 | 2616.857   | 2564.214    | 2453.184    | 2345.026    | 2300.997    |
| 25.0 | 2598.671   | 2545.071    | 2432.127    | 2320.140    | 2276.111    |
| 25.5 | 2580.486   | 2525.928    | 2409.155    | 2295.254    | 2250.268    |
| 26.0 | 2562.300   | 2504.870    | 2386.183    | 2271.325    | 2225.382    |
| 26.5 | 2543.157   | 2485.727    | 2363.212    | 2246.439    | 2199.538    |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 27.0 | 2523.056 | 2464.670 | 2340.240 | 2221.553 | 2174.652 |
| 27.5 | 2502.956 | 2444.570 | 2316.311 | 2196.667 | 2148.809 |
| 28.0 | 2480.942 | 2423.512 | 2293.339 | 2171.781 | 2122.966 |
| 28.5 | 2458.927 | 2402.455 | 2270.368 | 2147.852 | 2097.123 |
| 29.0 | 2438.827 | 2381.398 | 2245.482 | 2122.009 | 2071.280 |
| 29.5 | 2418.727 | 2359.383 | 2221.553 | 2096.166 | 2044.480 |
| 30.0 | 2396.712 | 2337.369 | 2198.581 | 2071.280 | 2020.551 |
| 30.5 | 2376.612 | 2316.311 | 2174.652 | 2045.437 | 1994.708 |
| 31.0 | 2354.597 | 2294.297 | 2150.724 | 2019.594 | 1969.822 |
| 31.5 | 2334.497 | 2271.325 | 2125.838 | 1994.708 | 1944.936 |
| 32.0 | 2312.483 | 2248.353 | 2101.909 | 1968.865 | 1919.093 |
| 32.5 | 2290.468 | 2225.382 | 2077.023 | 1942.064 | 1893.249 |
| 33.0 | 2269.411 | 2202.410 | 2053.094 | 1917.178 | 1868.363 |
| 33.5 | 2247.396 | 2180.395 | 2029.165 | 1893.249 | 1843.477 |
| 34.0 | 2224.424 | 2156.467 | 2004.279 | 1867.406 | 1817.634 |
| 34.5 | 2202.410 | 2133.495 | 1980.350 | 1842.520 | 1793.705 |
| 35.0 | 2179.438 | 2110.523 | 1955.464 | 1817.634 | 1766.905 |
| 35.5 | 2158.381 | 2086.594 | 1930.578 | 1792.748 | 1741.062 |
| 36.0 | 2135.409 | 2063.623 | 1906.650 | 1766.905 | 1713.305 |
| 36.5 | 2112.438 | 2039.694 | 1881.764 | 1741.062 | 1689.376 |
| 37.0 | 2090.423 | 2015.765 | 1856.878 | 1714.262 | 1664.490 |
| 37.5 | 2066.494 | 1991.836 | 1833.906 | 1689.376 | 1640.561 |
| 38.0 | 2041.608 | 1968.865 | 1809.020 | 1665.447 | 1615.675 |
| 38.5 | 2018.636 | 1943.979 | 1784.134 | 1641.518 | 1591.746 |
| 39.0 | 1996.622 | 1920.050 | 1757.334 | 1616.632 | 1567.817 |
| 39.5 | 1971.736 | 1896.121 | 1731.490 | 1592.703 | 1543.888 |
| 40.0 | 1948.764 | 1872.192 | 1706.604 | 1569.732 | 1519.960 |
| 40.5 | 1924.835 | 1848.263 | 1682.676 | 1544.846 | 1496.031 |
| 41.0 | 1898.992 | 1824.334 | 1658.747 | 1521.874 | 1472.102 |
| 41.5 | 1875.063 | 1799.448 | 1633.861 | 1497.945 | 1449.130 |
| 42.0 | 1850.177 | 1774.562 | 1610.889 | 1474.973 | 1425.201 |
| 42.5 | 1825.291 | 1748.719 | 1586.003 | 1451.045 | 1402.230 |
| 43.0 | 1801.363 | 1721.919 | 1563.989 | 1428.073 | 1378.301 |
| 43.5 | 1775.520 | 1697.990 | 1540.060 | 1405.101 | 1354.372 |
| 44.0 | 1748.719 | 1674.061 | 1516.131 | 1382.129 | 1330.443 |
| 44.5 | 1720.962 | 1649.175 | 1493.159 | 1359.158 | 1306.514 |
| 45.0 | 1697.033 | 1625.246 | 1469.230 | 1336.186 | 1281.628 |
| 45.5 | 1673.104 | 1601.318 | 1446.259 | 1313.214 | 1257.700 |
| 46.0 | 1648.218 | 1577.389 | 1422.330 | 1289.286 | 1234.728 |
| 46.5 | 1623.332 | 1553.460 | 1399.358 | 1266.314 | 1210.799 |
| 47.0 | 1598.446 | 1529.531 | 1377.344 | 1242.385 | 1187.827 |
| 47.5 | 1574.517 | 1505.602 | 1354.372 | 1219.413 | 1164.856 |
| 48.0 | 1549.631 | 1481.673 | 1331.400 | 1195.485 | 1141.884 |
| 48.5 | 1525.702 | 1458.702 | 1308.429 | 1172.513 | 1118.912 |
| 49.0 | 1501.774 | 1434.773 | 1286.414 | 1149.541 | 1095.941 |
| 49.5 | 1476.888 | 1410.844 | 1263.442 | 1126.570 | 1073.926 |
| 50.0 | 1453.916 | 1387.872 | 1241.428 | 1104.555 | 1052.869 |
| 50.5 | 1429.987 | 1363.944 | 1219.413 | 1081.583 | 1030.854 |
| 51.0 | 1406.058 | 1340.972 | 1197.399 | 1059.569 | 1008.840 |
| 51.5 | 1382.129 | 1318.000 | 1175.384 | 1037.554 | 987.782  |
| 52.0 | 1358.201 | 1295.029 | 1153.370 | 1015.540 | 966.725  |
| 52.5 | 1335.229 | 1272.057 | 1131.355 | 994.482  | 945.476  |
| 53.0 | 1311.300 | 1250.042 | 1109.341 | 972.468  | 924.132  |
| 53.5 | 1287.371 | 1227.071 | 1087.326 | 951.315  | 904.797  |
| 54.0 | 1263.442 | 1204.099 | 1065.312 | 930.162  | 883.835  |
| 54.5 | 1240.471 | 1181.127 | 1042.340 | 909.391  | 863.735  |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |         |         |
|------|----------|----------|----------|---------|---------|
| 55.0 | 1216.542 | 1159.113 | 1020.326 | 888.238 | 844.209 |
| 55.5 | 1193.570 | 1137.098 | 998.311  | 867.851 | 824.683 |
| 56.0 | 1169.641 | 1115.084 | 975.339  | 847.368 | 804.966 |
| 56.5 | 1146.670 | 1092.112 | 953.708  | 827.459 | 785.153 |
| 57.0 | 1122.741 | 1071.055 | 931.980  | 807.359 | 766.201 |
| 57.5 | 1100.726 | 1049.040 | 910.253  | 787.737 | 747.058 |
| 58.0 | 1077.755 | 1027.026 | 888.621  | 768.211 | 728.585 |
| 58.5 | 1053.826 | 1005.011 | 867.468  | 748.877 | 709.825 |
| 59.0 | 1031.811 | 982.997  | 846.124  | 729.829 | 691.256 |
| 59.5 | 1008.840 | 961.939  | 824.970  | 710.782 | 673.262 |
| 60.0 | 986.825  | 940.307  | 804.200  | 692.309 | 655.650 |
| 60.5 | 963.853  | 919.250  | 783.813  | 673.549 | 637.751 |
| 61.0 | 941.647  | 898.097  | 763.426  | 654.980 | 620.331 |
| 61.5 | 919.442  | 877.040  | 743.038  | 636.794 | 603.389 |
| 62.0 | 897.331  | 855.982  | 722.747  | 619.374 | 586.256 |
| 62.5 | 875.700  | 835.403  | 702.646  | 601.667 | 569.219 |
| 63.0 | 854.068  | 814.920  | 682.833  | 584.055 | 552.756 |
| 63.5 | 832.915  | 794.629  | 663.020  | 566.731 | 536.676 |
| 64.0 | 811.092  | 774.241  | 643.590  | 549.693 | 520.117 |
| 64.5 | 789.843  | 754.141  | 624.255  | 532.752 | 504.133 |
| 65.0 | 768.881  | 733.945  | 605.017  | 516.097 | 488.340 |
| 65.5 | 747.824  | 713.941  | 585.969  | 499.443 | 472.547 |
| 66.0 | 727.149  | 694.415  | 567.113  | 483.267 | 456.945 |
| 66.5 | 706.666  | 674.697  | 548.640  | 466.899 | 441.726 |
| 67.0 | 685.896  | 654.980  | 529.976  | 450.915 | 426.603 |
| 67.5 | 665.509  | 635.550  | 511.886  | 435.122 | 411.385 |
| 68.0 | 645.504  | 615.737  | 493.508  | 419.425 | 396.549 |
| 68.5 | 625.404  | 595.828  | 475.897  | 404.110 | 381.808 |
| 69.0 | 605.495  | 575.536  | 458.285  | 388.700 | 367.260 |
| 69.5 | 585.682  | 555.819  | 440.865  | 373.673 | 353.094 |
| 70.0 | 565.773  | 536.006  | 423.636  | 358.837 | 338.545 |
| 70.5 | 546.056  | 516.193  | 406.599  | 344.097 | 324.762 |
| 71.0 | 526.434  | 496.667  | 389.753  | 329.452 | 310.788 |
| 71.5 | 507.387  | 477.428  | 373.194  | 315.191 | 296.813 |
| 72.0 | 488.627  | 458.381  | 356.922  | 300.833 | 283.126 |
| 72.5 | 469.388  | 439.812  | 340.842  | 286.859 | 269.630 |
| 73.0 | 450.724  | 421.147  | 325.049  | 272.980 | 256.517 |
| 73.5 | 431.963  | 402.579  | 309.543  | 259.197 | 243.213 |
| 74.0 | 413.873  | 384.680  | 294.229  | 245.988 | 230.483 |
| 74.5 | 395.687  | 366.781  | 279.202  | 232.493 | 217.752 |
| 75.0 | 377.788  | 348.978  | 264.174  | 219.380 | 205.214 |
| 75.5 | 359.985  | 331.749  | 249.626  | 206.458 | 193.154 |
| 76.0 | 342.852  | 314.521  | 235.364  | 194.015 | 181.093 |
| 76.5 | 325.815  | 297.866  | 221.198  | 181.763 | 169.512 |
| 77.0 | 308.969  | 281.020  | 207.415  | 169.608 | 158.409 |
| 77.5 | 292.506  | 264.653  | 193.824  | 157.930 | 147.306 |
| 78.0 | 276.139  | 248.573  | 180.423  | 146.540 | 136.490 |
| 78.5 | 260.250  | 232.780  | 167.119  | 135.437 | 125.961 |
| 79.0 | 244.553  | 217.178  | 154.293  | 124.526 | 115.624 |
| 79.5 | 229.430  | 201.768  | 141.850  | 113.997 | 105.383 |
| 80.0 | 214.498  | 186.741  | 129.790  | 103.755 | 95.524  |
| 80.5 | 199.854  | 172.000  | 118.113  | 93.514  | 85.665  |
| 81.0 | 185.401  | 157.452  | 107.010  | 83.559  | 76.094  |
| 81.5 | 171.330  | 143.382  | 96.098   | 73.701  | 66.331  |
| 82.0 | 157.643  | 129.790  | 85.761   | 64.225  | 56.663  |
| 82.5 | 144.339  | 116.581  | 75.615   | 54.462  | 46.422  |

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**CANDELA TABULATION - (Cont.)**

|       |         |         |        |        |        |
|-------|---------|---------|--------|--------|--------|
| 83.0  | 131.417 | 103.755 | 65.661 | 44.508 | 35.415 |
| 83.5  | 118.878 | 91.312  | 56.089 | 33.500 | 23.642 |
| 84.0  | 106.723 | 79.539  | 46.709 | 22.302 | 18.282 |
| 84.5  | 95.045  | 68.245  | 37.233 | 17.037 | 16.176 |
| 85.0  | 83.751  | 57.525  | 26.513 | 14.932 | 14.357 |
| 85.5  | 72.935  | 47.475  | 16.080 | 13.113 | 12.634 |
| 86.0  | 62.502  | 37.903  | 12.634 | 11.294 | 10.912 |
| 86.5  | 52.356  | 28.906  | 10.720 | 9.572  | 9.189  |
| 87.0  | 42.880  | 20.100  | 8.902  | 7.944  | 7.562  |
| 87.5  | 33.788  | 10.624  | 7.083  | 6.221  | 6.030  |
| 88.0  | 25.269  | 6.700   | 5.456  | 4.690  | 4.403  |
| 88.5  | 17.420  | 4.977   | 3.829  | 3.254  | 3.063  |
| 89.0  | 10.624  | 3.254   | 2.297  | 1.914  | 1.819  |
| 89.5  | 4.786   | 1.723   | 1.149  | 0.957  | 0.766  |
| 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-L8-835-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-L8-835-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-L8-835-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-L8-835-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 1079.82 | N.A.  | 16.70  |
| 0-30    | 2198.23 | N.A.  | 34.10  |
| 0-40    | 3425.31 | N.A.  | 53.10  |
| 0-60    | 5484.22 | N.A.  | 85.00  |
| 0-80    | 6401.07 | N.A.  | 99.20  |
| 0-90    | 6455.66 | N.A.  | 100.00 |
| 10-90   | 6168.18 | N.A.  | 95.50  |
| 20-40   | 2345.49 | N.A.  | 36.30  |
| 20-50   | 3487.38 | N.A.  | 54.00  |
| 40-70   | 2675.32 | N.A.  | 41.40  |
| 60-80   | 916.85  | N.A.  | 14.20  |
| 70-80   | 300.44  | N.A.  | 4.70   |
| 80-90   | 54.59   | 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   | 6455.66 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 287.48  |
| 10-20   | 792.34  |
| 20-30   | 1118.41 |
| 30-40   | 1227.08 |
| 40-50   | 1141.88 |
| 50-60   | 917.02  |
| 60-70   | 616.41  |
| 70-80   | 300.44  |
| 80-90   | 54.59   |
| 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-L8-835-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  | 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-L8-835-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

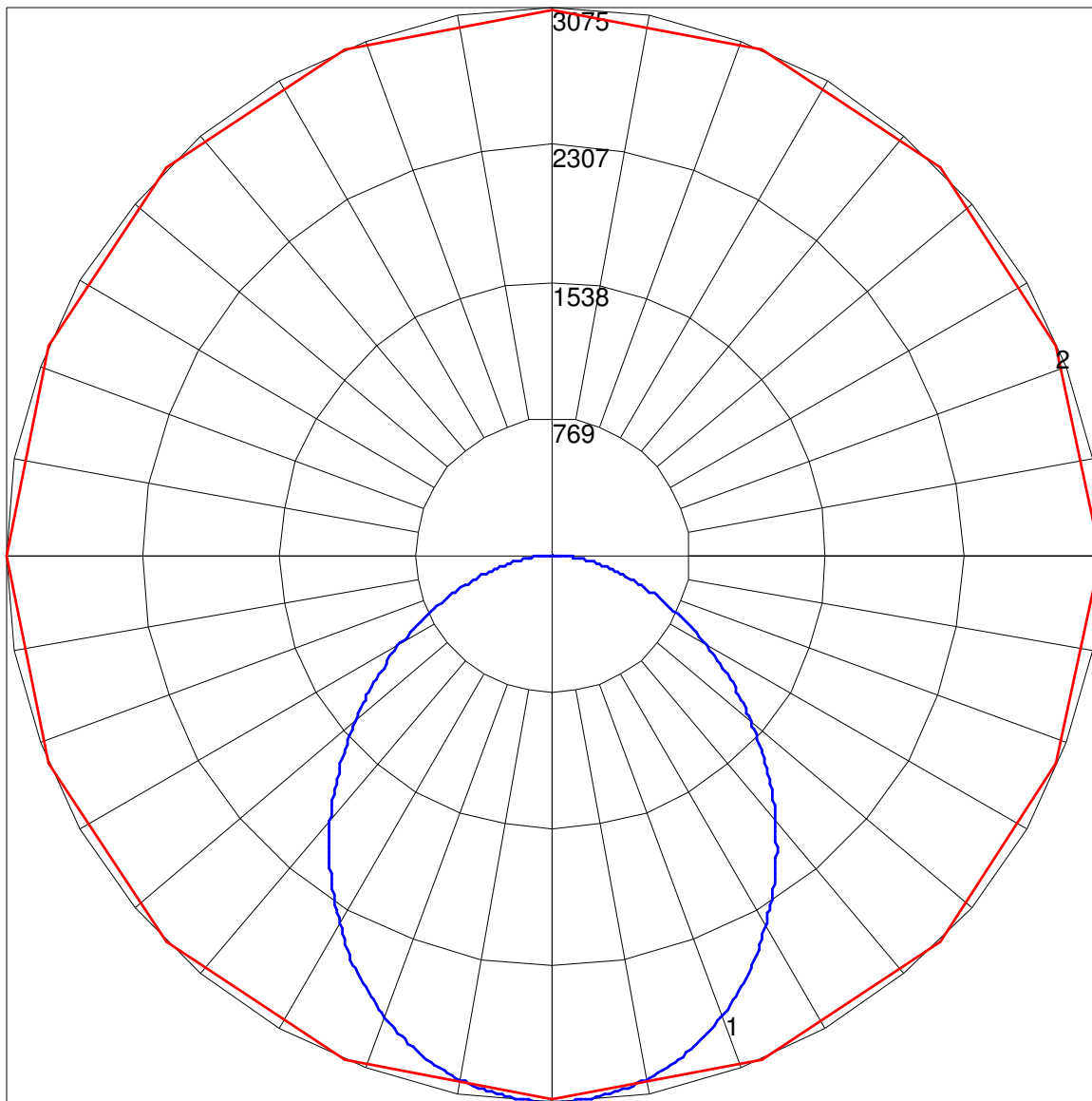
Reflectances

|                |    |    |    |    |    |    |    |    |    |    |
|----------------|----|----|----|----|----|----|----|----|----|----|
| 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 | 20.7                 | 22.2 | 21.1 | 22.6 | 22.9 | 18.6               | 20.1 | 18.9 | 20.4 | 20.7 |
|           | 3H   | 22.3                 | 23.7 | 22.7 | 24.0 | 24.4 | 19.8               | 21.2 | 20.2 | 21.5 | 21.9 |
|           | 4H   | 22.9                 | 24.2 | 23.3 | 24.5 | 24.9 | 20.2               | 21.5 | 20.6 | 21.9 | 22.2 |
|           | 6H   | 23.2                 | 24.4 | 23.6 | 24.8 | 25.2 | 20.4               | 21.6 | 20.8 | 22.0 | 22.3 |
|           | 8H   | 23.3                 | 24.5 | 23.8 | 24.9 | 25.3 | 20.4               | 21.5 | 20.8 | 21.9 | 22.3 |
|           | 12H  | 23.4                 | 24.5 | 23.8 | 24.9 | 25.3 | 20.4               | 21.5 | 20.8 | 21.9 | 22.3 |
| 4H        | 2H   | 21.0                 | 22.3 | 21.4 | 22.7 | 23.0 | 19.3               | 20.6 | 19.7 | 20.9 | 21.3 |
|           | 3H   | 22.8                 | 23.9 | 23.3 | 24.3 | 24.7 | 20.7               | 21.8 | 21.1 | 22.2 | 22.6 |
|           | 4H   | 23.5                 | 24.5 | 24.0 | 24.9 | 25.3 | 21.2               | 22.1 | 21.6 | 22.6 | 23.0 |
|           | 6H   | 24.0                 | 24.9 | 24.5 | 25.3 | 25.8 | 21.4               | 22.3 | 21.9 | 22.7 | 23.2 |
|           | 8H   | 24.1                 | 24.9 | 24.6 | 25.4 | 25.8 | 21.4               | 22.2 | 21.9 | 22.7 | 23.1 |
|           | 12H  | 24.2                 | 24.9 | 24.7 | 25.4 | 25.9 | 21.4               | 22.1 | 21.9 | 22.6 | 23.1 |
| 8H        | 4H   | 23.6                 | 24.4 | 24.1 | 24.8 | 25.3 | 21.5               | 22.2 | 21.9 | 22.7 | 23.2 |
|           | 6H   | 24.2                 | 24.8 | 24.7 | 25.3 | 25.8 | 21.8               | 22.4 | 22.3 | 22.9 | 23.4 |
|           | 8H   | 24.4                 | 24.9 | 24.9 | 25.5 | 25.9 | 21.8               | 22.4 | 22.3 | 22.9 | 23.4 |
|           | 12H  | 24.5                 | 25.0 | 25.0 | 25.5 | 26.1 | 21.8               | 22.3 | 22.3 | 22.8 | 23.4 |
| 12H       | 4H   | 23.6                 | 24.3 | 24.1 | 24.8 | 25.2 | 21.5               | 22.2 | 22.0 | 22.7 | 23.1 |
|           | 6H   | 24.2                 | 24.8 | 24.7 | 25.2 | 25.8 | 21.8               | 22.4 | 22.4 | 22.9 | 23.4 |
|           | 8H   | 24.4                 | 24.9 | 24.9 | 25.4 | 25.9 | 21.9               | 22.4 | 22.4 | 22.9 | 23.4 |

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 3075.334 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.)