

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L8-827-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-L8-827-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                | 6262            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 102             |
| 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                  | 13373            | 11578             | 10100             |
| 55                  | 11819            | 9912              | 8201              |
| 65                  | 10138            | 7977              | 6439              |
| 75                  | 8134             | 5688              | 4418              |
| 85                  | 5355             | 1695              | 918               |

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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  | 2978.432   | 2978.432    | 2978.432    | 2978.432    | 2978.432    |
| 0.5  | 2983.074   | 2973.789    | 2981.217    | 2979.360    | 2971.004    |
| 1.0  | 2981.217   | 2972.861    | 2981.217    | 2978.432    | 2970.076    |
| 1.5  | 2980.288   | 2971.004    | 2978.432    | 2975.646    | 2967.290    |
| 2.0  | 2979.360   | 2970.076    | 2977.503    | 2973.789    | 2964.505    |
| 2.5  | 2977.503   | 2968.219    | 2974.718    | 2970.076    | 2961.720    |
| 3.0  | 2975.646   | 2966.362    | 2971.933    | 2966.362    | 2957.078    |
| 3.5  | 2972.861   | 2963.577    | 2967.290    | 2960.791    | 2952.435    |
| 4.0  | 2970.076   | 2959.863    | 2963.577    | 2956.149    | 2945.936    |
| 4.5  | 2967.290   | 2956.149    | 2958.006    | 2949.650    | 2938.509    |
| 5.0  | 2965.433   | 2952.435    | 2953.364    | 2942.223    | 2932.010    |
| 5.5  | 2959.863   | 2947.793    | 2946.865    | 2935.723    | 2924.582    |
| 6.0  | 2956.149   | 2943.151    | 2940.366    | 2927.367    | 2916.226    |
| 6.5  | 2951.507   | 2937.580    | 2933.867    | 2918.083    | 2906.942    |
| 7.0  | 2945.936   | 2931.081    | 2926.439    | 2909.727    | 2895.801    |
| 7.5  | 2940.366   | 2925.511    | 2918.083    | 2898.586    | 2884.659    |
| 8.0  | 2934.795   | 2919.012    | 2909.727    | 2888.373    | 2872.590    |
| 8.5  | 2928.296   | 2911.584    | 2900.443    | 2877.232    | 2862.377    |
| 9.0  | 2920.868   | 2904.157    | 2891.158    | 2865.162    | 2850.307    |
| 9.5  | 2914.369   | 2897.657    | 2880.946    | 2853.092    | 2836.380    |
| 10.0 | 2906.942   | 2889.301    | 2870.733    | 2840.094    | 2822.454    |
| 10.5 | 2900.443   | 2880.946    | 2859.591    | 2826.168    | 2807.599    |
| 11.0 | 2892.087   | 2871.661    | 2847.522    | 2812.241    | 2790.887    |
| 11.5 | 2884.659   | 2863.305    | 2835.452    | 2797.386    | 2776.960    |
| 12.0 | 2879.089   | 2854.949    | 2822.454    | 2782.531    | 2761.177    |
| 12.5 | 2867.019   | 2845.665    | 2809.456    | 2765.819    | 2745.393    |
| 13.0 | 2855.878   | 2834.524    | 2796.458    | 2750.036    | 2727.753    |
| 13.5 | 2846.593   | 2821.525    | 2782.531    | 2734.252    | 2710.113    |
| 14.0 | 2835.452   | 2809.456    | 2767.676    | 2716.612    | 2692.472    |
| 14.5 | 2824.311   | 2796.458    | 2752.821    | 2698.972    | 2673.904    |
| 15.0 | 2813.170   | 2784.388    | 2738.894    | 2681.331    | 2654.406    |
| 15.5 | 2802.028   | 2772.318    | 2724.039    | 2661.834    | 2634.909    |
| 16.0 | 2789.959   | 2759.320    | 2709.184    | 2643.265    | 2616.340    |
| 16.5 | 2778.817   | 2745.393    | 2692.472    | 2624.696    | 2595.915    |
| 17.0 | 2764.891   | 2731.467    | 2673.904    | 2604.271    | 2574.561    |
| 17.5 | 2751.893   | 2717.540    | 2656.263    | 2584.774    | 2554.135    |
| 18.0 | 2739.823   | 2702.685    | 2638.623    | 2564.348    | 2531.853    |
| 18.5 | 2724.968   | 2687.830    | 2620.054    | 2542.994    | 2510.498    |
| 19.0 | 2711.041   | 2672.975    | 2601.485    | 2523.497    | 2489.144    |
| 19.5 | 2698.043   | 2657.192    | 2582.917    | 2501.214    | 2465.005    |
| 20.0 | 2682.260   | 2641.408    | 2564.348    | 2478.932    | 2442.722    |
| 20.5 | 2668.333   | 2626.553    | 2545.779    | 2457.577    | 2420.440    |
| 21.0 | 2653.478   | 2609.841    | 2525.353    | 2436.223    | 2397.229    |
| 21.5 | 2637.695   | 2593.130    | 2504.928    | 2413.941    | 2374.018    |
| 22.0 | 2621.911   | 2576.418    | 2485.431    | 2390.730    | 2350.807    |
| 22.5 | 2606.128   | 2558.777    | 2465.933    | 2367.519    | 2327.596    |
| 23.0 | 2589.416   | 2542.065    | 2444.579    | 2344.308    | 2303.457    |
| 23.5 | 2573.632   | 2524.425    | 2423.225    | 2322.025    | 2279.317    |
| 24.0 | 2555.064   | 2505.856    | 2401.871    | 2297.886    | 2256.106    |
| 24.5 | 2538.352   | 2487.287    | 2379.589    | 2274.675    | 2231.967    |
| 25.0 | 2520.711   | 2468.719    | 2359.163    | 2250.536    | 2207.827    |
| 25.5 | 2503.071   | 2450.150    | 2336.880    | 2226.396    | 2182.760    |
| 26.0 | 2485.431   | 2429.724    | 2314.598    | 2203.185    | 2158.620    |
| 26.5 | 2466.862   | 2411.156    | 2292.315    | 2179.046    | 2133.552    |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 27.0 | 2447.365 | 2390.730 | 2270.033 | 2154.906 | 2109.413 |
| 27.5 | 2427.867 | 2371.233 | 2246.822 | 2130.767 | 2084.345 |
| 28.0 | 2406.513 | 2350.807 | 2224.539 | 2106.628 | 2059.277 |
| 28.5 | 2385.159 | 2330.381 | 2202.257 | 2083.417 | 2034.209 |
| 29.0 | 2365.662 | 2309.956 | 2178.117 | 2058.349 | 2009.142 |
| 29.5 | 2346.165 | 2288.602 | 2154.906 | 2033.281 | 1983.145 |
| 30.0 | 2324.811 | 2267.248 | 2132.624 | 2009.142 | 1959.934 |
| 30.5 | 2305.313 | 2246.822 | 2109.413 | 1984.074 | 1934.866 |
| 31.0 | 2283.959 | 2225.468 | 2086.202 | 1959.006 | 1910.727 |
| 31.5 | 2264.462 | 2203.185 | 2062.063 | 1934.866 | 1886.588 |
| 32.0 | 2243.108 | 2180.903 | 2038.852 | 1909.799 | 1861.520 |
| 32.5 | 2221.754 | 2158.620 | 2014.712 | 1883.802 | 1836.452 |
| 33.0 | 2201.328 | 2136.338 | 1991.501 | 1859.663 | 1812.313 |
| 33.5 | 2179.974 | 2114.984 | 1968.290 | 1836.452 | 1788.173 |
| 34.0 | 2157.692 | 2091.773 | 1944.151 | 1811.384 | 1763.105 |
| 34.5 | 2136.338 | 2069.490 | 1920.940 | 1787.245 | 1739.894 |
| 35.0 | 2114.055 | 2047.208 | 1896.800 | 1763.105 | 1713.898 |
| 35.5 | 2093.629 | 2023.997 | 1872.661 | 1738.966 | 1688.830 |
| 36.0 | 2071.347 | 2001.714 | 1849.450 | 1713.898 | 1661.905 |
| 36.5 | 2049.064 | 1978.503 | 1825.311 | 1688.830 | 1638.694 |
| 37.0 | 2027.710 | 1955.292 | 1801.171 | 1662.834 | 1614.555 |
| 37.5 | 2004.499 | 1932.081 | 1778.889 | 1638.694 | 1591.344 |
| 38.0 | 1980.360 | 1909.799 | 1754.749 | 1615.483 | 1567.205 |
| 38.5 | 1958.077 | 1885.659 | 1730.610 | 1592.273 | 1543.994 |
| 39.0 | 1936.723 | 1862.448 | 1704.614 | 1568.133 | 1520.783 |
| 39.5 | 1912.584 | 1839.237 | 1679.546 | 1544.922 | 1497.572 |
| 40.0 | 1890.301 | 1816.026 | 1655.406 | 1522.640 | 1474.361 |
| 40.5 | 1867.090 | 1792.815 | 1632.195 | 1498.500 | 1451.150 |
| 41.0 | 1842.023 | 1769.604 | 1608.984 | 1476.218 | 1427.939 |
| 41.5 | 1818.812 | 1745.465 | 1584.845 | 1453.007 | 1405.656 |
| 42.0 | 1794.672 | 1721.326 | 1562.562 | 1430.724 | 1382.445 |
| 42.5 | 1770.533 | 1696.258 | 1538.423 | 1407.513 | 1360.163 |
| 43.0 | 1747.322 | 1670.261 | 1517.069 | 1385.231 | 1336.952 |
| 43.5 | 1722.254 | 1647.050 | 1493.858 | 1362.948 | 1313.741 |
| 44.0 | 1696.258 | 1623.839 | 1470.647 | 1340.666 | 1290.530 |
| 44.5 | 1669.333 | 1599.700 | 1448.365 | 1318.383 | 1267.319 |
| 45.0 | 1646.122 | 1576.489 | 1425.154 | 1296.101 | 1243.180 |
| 45.5 | 1622.911 | 1553.278 | 1402.871 | 1273.818 | 1219.969 |
| 46.0 | 1598.772 | 1530.067 | 1379.660 | 1250.607 | 1197.686 |
| 46.5 | 1574.632 | 1506.856 | 1357.378 | 1228.325 | 1174.475 |
| 47.0 | 1550.493 | 1483.645 | 1336.023 | 1205.114 | 1152.193 |
| 47.5 | 1527.282 | 1460.434 | 1313.741 | 1182.831 | 1129.910 |
| 48.0 | 1503.142 | 1437.223 | 1291.458 | 1159.620 | 1107.627 |
| 48.5 | 1479.931 | 1414.941 | 1269.176 | 1137.338 | 1085.345 |
| 49.0 | 1456.720 | 1391.730 | 1247.822 | 1115.055 | 1063.062 |
| 49.5 | 1432.581 | 1368.519 | 1225.539 | 1092.772 | 1041.708 |
| 50.0 | 1410.299 | 1346.236 | 1204.185 | 1071.418 | 1021.283 |
| 50.5 | 1387.088 | 1323.025 | 1182.831 | 1049.136 | 999.929  |
| 51.0 | 1363.877 | 1300.743 | 1161.477 | 1027.782 | 978.574  |
| 51.5 | 1340.666 | 1278.460 | 1140.123 | 1006.428 | 958.149  |
| 52.0 | 1317.455 | 1256.178 | 1118.769 | 985.074  | 937.723  |
| 52.5 | 1295.172 | 1233.895 | 1097.415 | 964.648  | 917.112  |
| 53.0 | 1271.961 | 1212.541 | 1076.061 | 943.294  | 896.408  |
| 53.5 | 1248.750 | 1190.259 | 1054.706 | 922.775  | 877.653  |
| 54.0 | 1225.539 | 1167.976 | 1033.352 | 902.257  | 857.320  |
| 54.5 | 1203.257 | 1145.693 | 1011.070 | 882.110  | 837.823  |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |         |         |         |
|------|----------|----------|---------|---------|---------|
| 55.0 | 1180.046 | 1124.339 | 989.716 | 861.591 | 818.883 |
| 55.5 | 1157.763 | 1102.985 | 968.362 | 841.815 | 799.943 |
| 56.0 | 1134.552 | 1081.631 | 946.079 | 821.947 | 780.817 |
| 56.5 | 1112.270 | 1059.349 | 925.096 | 802.635 | 761.598 |
| 57.0 | 1089.059 | 1038.923 | 904.021 | 783.138 | 743.215 |
| 57.5 | 1067.705 | 1017.569 | 882.945 | 764.105 | 724.646 |
| 58.0 | 1045.422 | 996.215  | 861.963 | 745.165 | 706.728 |
| 58.5 | 1022.211 | 974.861  | 841.444 | 726.411 | 688.530 |
| 59.0 | 1000.857 | 953.507  | 820.740 | 707.935 | 670.518 |
| 59.5 | 978.574  | 933.081  | 800.221 | 689.459 | 653.064 |
| 60.0 | 957.220  | 912.098  | 780.074 | 671.540 | 635.981 |
| 60.5 | 934.938  | 891.673  | 760.299 | 653.342 | 618.619 |
| 61.0 | 913.398  | 871.154  | 740.523 | 635.331 | 601.721 |
| 61.5 | 891.858  | 850.728  | 720.747 | 617.690 | 585.288 |
| 62.0 | 870.411  | 830.303  | 701.064 | 600.793 | 568.669 |
| 62.5 | 849.429  | 810.341  | 681.567 | 583.617 | 552.143 |
| 63.0 | 828.446  | 790.473  | 662.348 | 566.533 | 536.173 |
| 63.5 | 807.927  | 770.790  | 643.130 | 549.729 | 520.576 |
| 64.0 | 786.759  | 751.014  | 624.282 | 533.202 | 504.514 |
| 64.5 | 766.148  | 731.517  | 605.528 | 516.769 | 489.009 |
| 65.0 | 745.815  | 711.927  | 586.866 | 500.614 | 473.689 |
| 65.5 | 725.389  | 692.522  | 568.390 | 484.459 | 458.370 |
| 66.0 | 705.335  | 673.582  | 550.100 | 468.769 | 443.237 |
| 66.5 | 685.466  | 654.456  | 532.181 | 452.892 | 428.474 |
| 67.0 | 665.319  | 635.331  | 514.077 | 437.388 | 413.805 |
| 67.5 | 645.543  | 616.483  | 496.529 | 422.068 | 399.043 |
| 68.0 | 626.139  | 597.265  | 478.703 | 406.842 | 384.652 |
| 68.5 | 606.642  | 577.953  | 461.620 | 391.987 | 370.354 |
| 69.0 | 587.330  | 558.270  | 444.536 | 377.039 | 356.242 |
| 69.5 | 568.112  | 539.144  | 427.639 | 362.463 | 342.501 |
| 70.0 | 548.800  | 519.926  | 410.927 | 348.072 | 328.389 |
| 70.5 | 529.674  | 500.707  | 394.401 | 333.774 | 315.019 |
| 71.0 | 510.641  | 481.767  | 378.060 | 319.569 | 301.464 |
| 71.5 | 492.165  | 463.105  | 361.998 | 305.735 | 287.909 |
| 72.0 | 473.968  | 444.629  | 346.215 | 291.808 | 274.632 |
| 72.5 | 455.306  | 426.618  | 330.617 | 278.253 | 261.541 |
| 73.0 | 437.202  | 408.513  | 315.298 | 264.791 | 248.822 |
| 73.5 | 419.004  | 390.501  | 300.257 | 251.421 | 235.916 |
| 74.0 | 401.457  | 373.140  | 285.402 | 238.609 | 223.568 |
| 74.5 | 383.817  | 355.778  | 270.826 | 225.518 | 211.220 |
| 75.0 | 366.455  | 338.509  | 256.249 | 212.798 | 199.057 |
| 75.5 | 349.186  | 321.797  | 242.137 | 200.264 | 187.359 |
| 76.0 | 332.567  | 305.085  | 228.303 | 188.195 | 175.661 |
| 76.5 | 316.041  | 288.930  | 214.562 | 176.311 | 164.427 |
| 77.0 | 299.700  | 272.590  | 201.193 | 164.519 | 153.657 |
| 77.5 | 283.731  | 256.713  | 188.009 | 153.192 | 142.887 |
| 78.0 | 267.855  | 241.116  | 175.011 | 142.144 | 132.395 |
| 78.5 | 252.443  | 225.796  | 162.105 | 131.374 | 122.183 |
| 79.0 | 237.216  | 210.663  | 149.664 | 120.790 | 112.155 |
| 79.5 | 222.547  | 195.715  | 137.595 | 110.577 | 102.221 |
| 80.0 | 208.063  | 181.138  | 125.896 | 100.643 | 92.658  |
| 80.5 | 193.858  | 166.840  | 114.569 | 90.708  | 83.095  |
| 81.0 | 179.839  | 152.728  | 103.799 | 81.053  | 73.811  |
| 81.5 | 166.191  | 139.080  | 93.215  | 71.490  | 64.341  |
| 82.0 | 152.914  | 125.896  | 83.188  | 62.298  | 54.964  |
| 82.5 | 140.009  | 113.084  | 73.347  | 52.828  | 45.029  |

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**CANDELA TABULATION - (Cont.)**

|       |         |         |        |        |        |
|-------|---------|---------|--------|--------|--------|
| 83.0  | 127.475 | 100.643 | 63.691 | 43.172 | 34.352 |
| 83.5  | 115.312 | 88.573  | 54.407 | 32.495 | 22.932 |
| 84.0  | 103.521 | 77.153  | 45.308 | 21.633 | 17.733 |
| 84.5  | 92.194  | 66.198  | 36.116 | 16.526 | 15.691 |
| 85.0  | 81.238  | 55.799  | 25.718 | 14.484 | 13.927 |
| 85.5  | 70.747  | 46.051  | 15.598 | 12.720 | 12.255 |
| 86.0  | 60.627  | 36.766  | 12.255 | 10.956 | 10.584 |
| 86.5  | 50.786  | 28.039  | 10.399 | 9.284  | 8.913  |
| 87.0  | 41.594  | 19.497  | 8.634  | 7.706  | 7.335  |
| 87.5  | 32.774  | 10.306  | 6.870  | 6.035  | 5.849  |
| 88.0  | 24.511  | 6.499   | 5.292  | 4.549  | 4.271  |
| 88.5  | 16.898  | 4.828   | 3.714  | 3.157  | 2.971  |
| 89.0  | 10.306  | 3.157   | 2.228  | 1.857  | 1.764  |
| 89.5  | 4.642   | 1.671   | 1.114  | 0.928  | 0.743  |
| 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-L8-827-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-L8-827-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-L8-827-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-L8-827-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 1047.42 | N.A.  | 16.70  |
| 0-30    | 2132.28 | N.A.  | 34.10  |
| 0-40    | 3322.55 | N.A.  | 53.10  |
| 0-60    | 5319.7  | N.A.  | 85.00  |
| 0-80    | 6209.04 | N.A.  | 99.20  |
| 0-90    | 6261.99 | N.A.  | 100.00 |
| 10-90   | 5983.14 | N.A.  | 95.50  |
| 20-40   | 2275.13 | N.A.  | 36.30  |
| 20-50   | 3382.76 | N.A.  | 54.00  |
| 40-70   | 2595.06 | N.A.  | 41.40  |
| 60-80   | 889.34  | N.A.  | 14.20  |
| 70-80   | 291.43  | N.A.  | 4.70   |
| 80-90   | 52.96   | 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   | 6261.99 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 278.85  |
| 10-20   | 768.57  |
| 20-30   | 1084.86 |
| 30-40   | 1190.27 |
| 40-50   | 1107.63 |
| 50-60   | 889.51  |
| 60-70   | 597.92  |
| 70-80   | 291.43  |
| 80-90   | 52.96   |
| 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-L8-827-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-L8-827-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

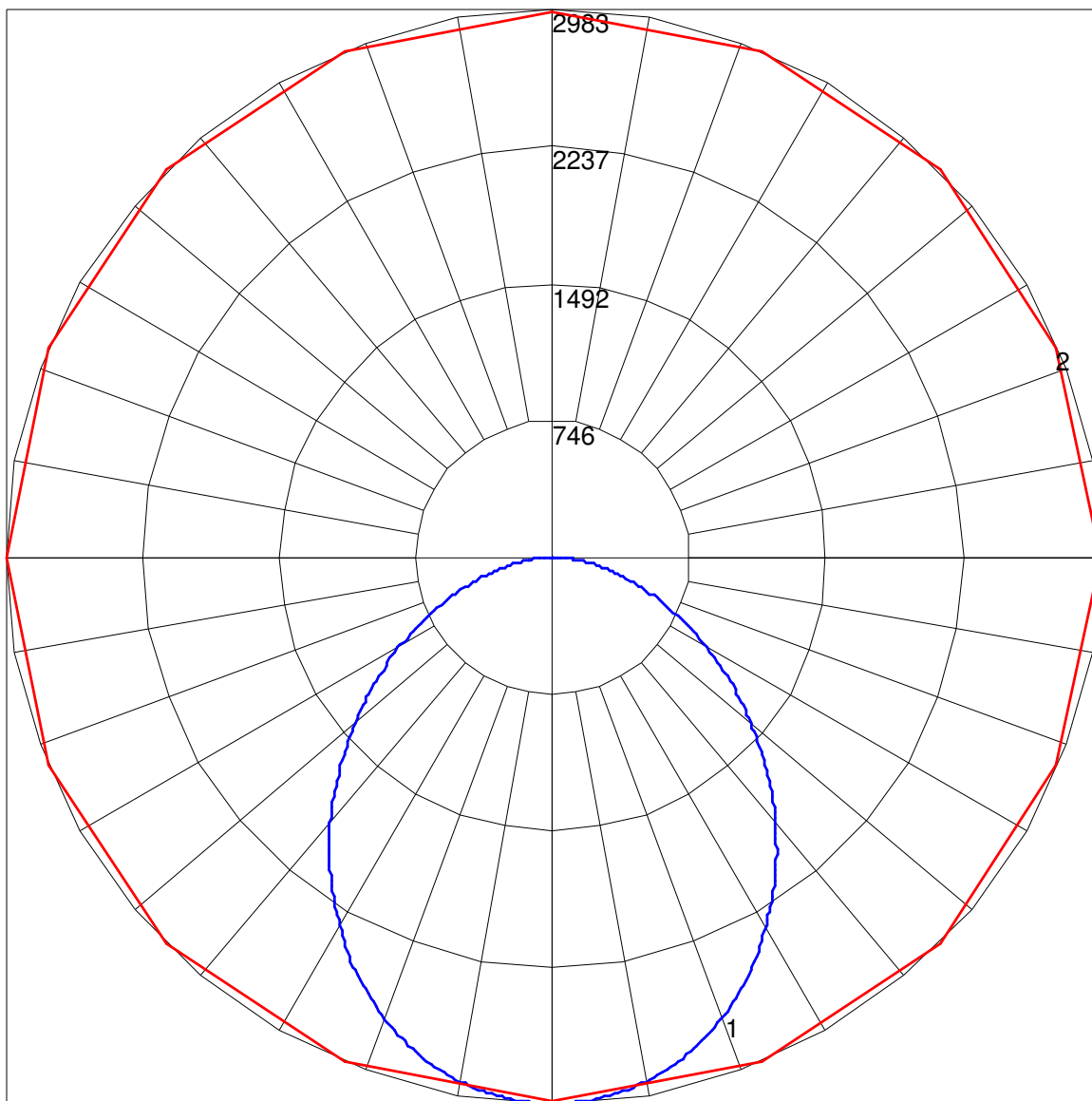
Reflectances

|                |    |    |    |    |    |    |    |    |    |    |
|----------------|----|----|----|----|----|----|----|----|----|----|
| 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 | 20.6                 | 22.1 | 21.0 | 22.5 | 22.8 | 18.5               | 20.0 | 18.8 | 20.3 | 20.6 |
|           | 3H   | 22.2                 | 23.6 | 22.6 | 23.9 | 24.3 | 19.7               | 21.1 | 20.1 | 21.4 | 21.8 |
|           | 4H   | 22.8                 | 24.1 | 23.2 | 24.4 | 24.8 | 20.1               | 21.4 | 20.5 | 21.8 | 22.1 |
|           | 6H   | 23.1                 | 24.3 | 23.5 | 24.7 | 25.1 | 20.3               | 21.5 | 20.7 | 21.9 | 22.2 |
|           | 8H   | 23.2                 | 24.4 | 23.7 | 24.8 | 25.2 | 20.3               | 21.4 | 20.7 | 21.8 | 22.2 |
|           | 12H  | 23.3                 | 24.4 | 23.7 | 24.8 | 25.2 | 20.3               | 21.4 | 20.7 | 21.8 | 22.2 |
| 4H        | 2H   | 20.9                 | 22.2 | 21.3 | 22.6 | 22.9 | 19.2               | 20.5 | 19.6 | 20.8 | 21.2 |
|           | 3H   | 22.7                 | 23.8 | 23.2 | 24.2 | 24.6 | 20.6               | 21.7 | 21.0 | 22.1 | 22.5 |
|           | 4H   | 23.4                 | 24.4 | 23.9 | 24.8 | 25.2 | 21.1               | 22.0 | 21.5 | 22.5 | 22.9 |
|           | 6H   | 23.9                 | 24.8 | 24.4 | 25.2 | 25.7 | 21.3               | 22.2 | 21.8 | 22.6 | 23.1 |
|           | 8H   | 24.0                 | 24.8 | 24.5 | 25.3 | 25.7 | 21.3               | 22.1 | 21.8 | 22.6 | 23.0 |
|           | 12H  | 24.1                 | 24.8 | 24.6 | 25.3 | 25.8 | 21.3               | 22.0 | 21.8 | 22.5 | 23.0 |
| 8H        | 4H   | 23.5                 | 24.3 | 24.0 | 24.7 | 25.2 | 21.4               | 22.1 | 21.8 | 22.6 | 23.1 |
|           | 6H   | 24.1                 | 24.7 | 24.6 | 25.2 | 25.7 | 21.7               | 22.3 | 22.2 | 22.8 | 23.3 |
|           | 8H   | 24.3                 | 24.8 | 24.8 | 25.4 | 25.8 | 21.7               | 22.3 | 22.2 | 22.8 | 23.3 |
|           | 12H  | 24.4                 | 24.9 | 24.9 | 25.4 | 26.0 | 21.7               | 22.2 | 22.2 | 22.7 | 23.3 |
| 12H       | 4H   | 23.5                 | 24.2 | 24.0 | 24.7 | 25.1 | 21.4               | 22.1 | 21.9 | 22.6 | 23.0 |
|           | 6H   | 24.1                 | 24.7 | 24.6 | 25.1 | 25.7 | 21.7               | 22.3 | 22.3 | 22.8 | 23.3 |
|           | 8H   | 24.3                 | 24.8 | 24.8 | 25.3 | 25.8 | 21.8               | 22.3 | 22.3 | 22.8 | 23.3 |

Maximum UGR = 26.0

POLAR GRAPH



Maximum Candela = 2983.074 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.)