

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L16-950-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-L16-950-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                | 11434           |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 86              |
| Total Luminaire Watts           | 132.8           |
| 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                  | 24419            | 21141             | 18442             |
| 55                  | 21580            | 18100             | 14975             |
| 65                  | 18511            | 14566             | 11757             |
| 75                  | 14852            | 10385             | 8067              |
| 85                  | 9777             | 3095              | 1676              |

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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  | 5438.484   | 5438.484    | 5438.484    | 5438.484    | 5438.484    |
| 0.5  | 5446.960   | 5430.007    | 5443.570    | 5440.179    | 5424.921    |
| 1.0  | 5443.570   | 5428.312    | 5443.570    | 5438.484    | 5423.226    |
| 1.5  | 5441.874   | 5424.921    | 5438.484    | 5433.398    | 5418.140    |
| 2.0  | 5440.179   | 5423.226    | 5436.788    | 5430.007    | 5413.054    |
| 2.5  | 5436.788   | 5419.836    | 5431.703    | 5423.226    | 5407.969    |
| 3.0  | 5433.398   | 5416.445    | 5426.617    | 5416.445    | 5399.492    |
| 3.5  | 5428.312   | 5411.359    | 5418.140    | 5406.273    | 5391.016    |
| 4.0  | 5423.226   | 5404.578    | 5411.359    | 5397.797    | 5379.149    |
| 4.5  | 5418.140   | 5397.797    | 5401.187    | 5385.930    | 5365.586    |
| 5.0  | 5414.750   | 5391.016    | 5392.711    | 5372.367    | 5353.719    |
| 5.5  | 5404.578   | 5382.539    | 5380.844    | 5360.500    | 5340.157    |
| 6.0  | 5397.797   | 5374.063    | 5368.977    | 5345.243    | 5324.899    |
| 6.5  | 5389.320   | 5363.891    | 5357.110    | 5328.290    | 5307.947    |
| 7.0  | 5379.149   | 5352.024    | 5343.548    | 5313.032    | 5287.603    |
| 7.5  | 5368.977   | 5341.852    | 5328.290    | 5292.689    | 5267.260    |
| 8.0  | 5358.805   | 5329.985    | 5313.032    | 5274.041    | 5245.221    |
| 8.5  | 5346.938   | 5316.423    | 5296.080    | 5253.697    | 5226.573    |
| 9.0  | 5333.376   | 5302.861    | 5279.127    | 5231.659    | 5204.534    |
| 9.5  | 5321.509   | 5290.994    | 5260.478    | 5209.620    | 5179.105    |
| 10.0 | 5307.947   | 5275.736    | 5241.830    | 5185.886    | 5153.675    |
| 10.5 | 5296.080   | 5260.478    | 5221.487    | 5160.456    | 5126.551    |
| 11.0 | 5280.822   | 5243.526    | 5199.448    | 5135.027    | 5096.036    |
| 11.5 | 5267.260   | 5228.268    | 5177.409    | 5107.903    | 5070.606    |
| 12.0 | 5257.088   | 5213.010    | 5153.675    | 5080.778    | 5041.786    |
| 12.5 | 5235.049   | 5196.058    | 5129.941    | 5050.263    | 5012.966    |
| 13.0 | 5214.706   | 5175.714    | 5106.207    | 5021.443    | 4980.756    |
| 13.5 | 5197.753   | 5151.980    | 5080.778    | 4992.623    | 4948.546    |
| 14.0 | 5177.409   | 5129.941    | 5053.653    | 4960.413    | 4916.335    |
| 14.5 | 5157.066   | 5106.207    | 5026.529    | 4928.202    | 4882.429    |
| 15.0 | 5136.722   | 5084.169    | 5001.099    | 4895.992    | 4846.828    |
| 15.5 | 5116.379   | 5062.130    | 4973.975    | 4860.391    | 4811.227    |
| 16.0 | 5094.340   | 5038.396    | 4946.850    | 4826.485    | 4777.321    |
| 16.5 | 5073.997   | 5012.966    | 4916.335    | 4792.579    | 4740.025    |
| 17.0 | 5048.567   | 4987.537    | 4882.429    | 4755.283    | 4701.033    |
| 17.5 | 5024.833   | 4962.108    | 4850.219    | 4719.682    | 4663.737    |
| 18.0 | 5002.795   | 4934.983    | 4818.008    | 4682.385    | 4623.050    |
| 18.5 | 4975.670   | 4907.859    | 4784.103    | 4643.394    | 4584.059    |
| 19.0 | 4950.241   | 4880.734    | 4750.197    | 4607.793    | 4545.067    |
| 19.5 | 4926.507   | 4851.914    | 4716.291    | 4567.106    | 4500.989    |
| 20.0 | 4897.687   | 4823.094    | 4682.385    | 4526.419    | 4460.303    |
| 20.5 | 4872.258   | 4795.970    | 4648.480    | 4487.427    | 4419.616    |
| 21.0 | 4845.133   | 4765.454    | 4611.183    | 4448.436    | 4377.233    |
| 21.5 | 4816.313   | 4734.939    | 4573.887    | 4407.749    | 4334.851    |
| 22.0 | 4787.493   | 4704.424    | 4538.286    | 4365.366    | 4292.469    |
| 22.5 | 4758.673   | 4672.214    | 4502.685    | 4322.984    | 4250.087    |
| 23.0 | 4728.158   | 4641.698    | 4463.693    | 4280.602    | 4206.009    |
| 23.5 | 4699.338   | 4609.488    | 4424.702    | 4239.915    | 4161.932    |
| 24.0 | 4665.432   | 4575.582    | 4385.710    | 4195.838    | 4119.550    |
| 24.5 | 4634.917   | 4541.676    | 4345.023    | 4153.455    | 4075.472    |
| 25.0 | 4602.707   | 4507.771    | 4307.727    | 4109.378    | 4031.395    |
| 25.5 | 4570.496   | 4473.865    | 4267.040    | 4065.300    | 3985.622    |
| 26.0 | 4538.286   | 4436.569    | 4226.353    | 4022.918    | 3941.544    |
| 26.5 | 4504.380   | 4402.663    | 4185.666    | 3978.841    | 3895.772    |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 27.0 | 4468.779 | 4365.366 | 4144.979 | 3934.763 | 3851.694 |
| 27.5 | 4433.178 | 4329.765 | 4102.597 | 3890.686 | 3805.921 |
| 28.0 | 4394.186 | 4292.469 | 4061.910 | 3846.608 | 3760.149 |
| 28.5 | 4355.195 | 4255.173 | 4021.223 | 3804.226 | 3714.376 |
| 29.0 | 4319.594 | 4217.876 | 3977.146 | 3758.453 | 3668.603 |
| 29.5 | 4283.993 | 4178.885 | 3934.763 | 3712.681 | 3621.135 |
| 30.0 | 4245.001 | 4139.893 | 3894.076 | 3668.603 | 3578.753 |
| 30.5 | 4209.400 | 4102.597 | 3851.694 | 3622.830 | 3532.980 |
| 31.0 | 4170.408 | 4063.605 | 3809.312 | 3577.058 | 3488.903 |
| 31.5 | 4134.807 | 4022.918 | 3765.235 | 3532.980 | 3444.825 |
| 32.0 | 4095.816 | 3982.231 | 3722.852 | 3487.207 | 3399.052 |
| 32.5 | 4056.824 | 3941.544 | 3678.775 | 3439.739 | 3353.280 |
| 33.0 | 4019.528 | 3900.858 | 3636.393 | 3395.662 | 3309.202 |
| 33.5 | 3980.536 | 3861.866 | 3594.010 | 3353.280 | 3265.125 |
| 34.0 | 3939.849 | 3819.484 | 3549.933 | 3307.507 | 3219.352 |
| 34.5 | 3900.858 | 3778.797 | 3507.551 | 3263.429 | 3176.970 |
| 35.0 | 3860.171 | 3738.110 | 3463.473 | 3219.352 | 3129.502 |
| 35.5 | 3822.874 | 3695.728 | 3419.396 | 3175.274 | 3083.729 |
| 36.0 | 3782.187 | 3655.041 | 3377.014 | 3129.502 | 3034.565 |
| 36.5 | 3741.500 | 3612.659 | 3332.936 | 3083.729 | 2992.183 |
| 37.0 | 3702.509 | 3570.276 | 3288.859 | 3036.261 | 2948.106 |
| 37.5 | 3660.127 | 3527.894 | 3248.172 | 2992.183 | 2905.724 |
| 38.0 | 3616.049 | 3487.207 | 3204.094 | 2949.801 | 2861.646 |
| 38.5 | 3575.362 | 3443.130 | 3160.017 | 2907.419 | 2819.264 |
| 39.0 | 3536.371 | 3400.748 | 3112.549 | 2863.341 | 2776.882 |
| 39.5 | 3492.293 | 3358.365 | 3066.776 | 2820.959 | 2734.499 |
| 40.0 | 3451.606 | 3315.983 | 3022.698 | 2780.272 | 2692.117 |
| 40.5 | 3409.224 | 3273.601 | 2980.316 | 2736.195 | 2649.735 |
| 41.0 | 3363.451 | 3231.219 | 2937.934 | 2695.508 | 2607.353 |
| 41.5 | 3321.069 | 3187.141 | 2893.857 | 2653.126 | 2566.666 |
| 42.0 | 3276.992 | 3143.064 | 2853.170 | 2612.439 | 2524.284 |
| 42.5 | 3232.914 | 3097.291 | 2809.092 | 2570.057 | 2483.597 |
| 43.0 | 3190.532 | 3049.823 | 2770.100 | 2529.370 | 2441.215 |
| 43.5 | 3144.759 | 3007.441 | 2727.718 | 2488.683 | 2398.832 |
| 44.0 | 3097.291 | 2965.059 | 2685.336 | 2447.996 | 2356.450 |
| 44.5 | 3048.128 | 2920.981 | 2644.649 | 2407.309 | 2314.068 |
| 45.0 | 3005.746 | 2878.599 | 2602.267 | 2366.622 | 2269.991 |
| 45.5 | 2963.363 | 2836.217 | 2561.580 | 2325.935 | 2227.608 |
| 46.0 | 2919.286 | 2793.835 | 2519.198 | 2283.553 | 2186.921 |
| 46.5 | 2875.208 | 2751.452 | 2478.511 | 2242.866 | 2144.539 |
| 47.0 | 2831.131 | 2709.070 | 2439.519 | 2200.484 | 2103.852 |
| 47.5 | 2788.749 | 2666.688 | 2398.832 | 2159.797 | 2063.165 |
| 48.0 | 2744.671 | 2624.306 | 2358.146 | 2117.415 | 2022.479 |
| 48.5 | 2702.289 | 2583.619 | 2317.459 | 2076.728 | 1981.792 |
| 49.0 | 2659.907 | 2541.237 | 2278.467 | 2036.041 | 1941.105 |
| 49.5 | 2615.829 | 2498.854 | 2237.780 | 1995.354 | 1902.113 |
| 50.0 | 2575.142 | 2458.168 | 2198.788 | 1956.362 | 1864.817 |
| 50.5 | 2532.760 | 2415.785 | 2159.797 | 1915.675 | 1825.825 |
| 51.0 | 2490.378 | 2375.098 | 2120.805 | 1876.684 | 1786.833 |
| 51.5 | 2447.996 | 2334.411 | 2081.814 | 1837.692 | 1749.537 |
| 52.0 | 2405.614 | 2293.725 | 2042.822 | 1798.701 | 1712.241 |
| 52.5 | 2364.927 | 2253.038 | 2003.830 | 1761.404 | 1674.605 |
| 53.0 | 2322.544 | 2214.046 | 1964.839 | 1722.413 | 1636.801 |
| 53.5 | 2280.162 | 2173.359 | 1925.847 | 1684.947 | 1602.556 |
| 54.0 | 2237.780 | 2132.672 | 1886.855 | 1647.481 | 1565.429 |
| 54.5 | 2197.093 | 2091.985 | 1846.169 | 1610.693 | 1529.828 |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 55.0 | 2154.711 | 2052.994 | 1807.177 | 1573.227 | 1495.244 |
| 55.5 | 2114.024 | 2014.002 | 1768.185 | 1537.118 | 1460.660 |
| 56.0 | 2071.642 | 1975.010 | 1727.498 | 1500.838 | 1425.737 |
| 56.5 | 2030.955 | 1934.324 | 1689.185 | 1465.576 | 1390.645 |
| 57.0 | 1988.573 | 1897.027 | 1650.702 | 1429.975 | 1357.078 |
| 57.5 | 1949.581 | 1858.036 | 1612.219 | 1395.222 | 1323.172 |
| 58.0 | 1908.894 | 1819.044 | 1573.905 | 1360.638 | 1290.453 |
| 58.5 | 1866.512 | 1780.052 | 1536.439 | 1326.393 | 1257.226 |
| 59.0 | 1827.520 | 1741.061 | 1498.635 | 1292.657 | 1224.337 |
| 59.5 | 1786.833 | 1703.764 | 1461.169 | 1258.921 | 1192.466 |
| 60.0 | 1747.842 | 1665.451 | 1424.381 | 1226.202 | 1161.272 |
| 60.5 | 1707.155 | 1628.155 | 1388.271 | 1192.974 | 1129.570 |
| 61.0 | 1667.824 | 1590.689 | 1352.162 | 1160.086 | 1098.716 |
| 61.5 | 1628.494 | 1553.392 | 1316.052 | 1127.875 | 1068.710 |
| 62.0 | 1589.332 | 1516.096 | 1280.112 | 1097.021 | 1038.364 |
| 62.5 | 1551.019 | 1479.647 | 1244.511 | 1065.658 | 1008.188 |
| 63.0 | 1512.705 | 1443.368 | 1209.418 | 1034.465 | 979.029  |
| 63.5 | 1475.240 | 1407.428 | 1174.326 | 1003.780 | 950.548  |
| 64.0 | 1436.587 | 1371.318 | 1139.912 | 973.604  | 921.219  |
| 64.5 | 1398.952 | 1335.717 | 1105.667 | 943.597  | 892.908  |
| 65.0 | 1361.825 | 1299.947 | 1071.592 | 914.099  | 864.936  |
| 65.5 | 1324.528 | 1264.515 | 1037.855 | 884.601  | 836.964  |
| 66.0 | 1287.910 | 1229.931 | 1004.458 | 855.951  | 809.330  |
| 66.5 | 1251.631 | 1195.008 | 971.739  | 826.961  | 782.375  |
| 67.0 | 1214.843 | 1160.086 | 938.681  | 798.650  | 755.590  |
| 67.5 | 1178.734 | 1125.671 | 906.640  | 770.678  | 728.635  |
| 68.0 | 1143.302 | 1090.579 | 874.090  | 742.875  | 702.358  |
| 68.5 | 1107.701 | 1055.317 | 842.897  | 715.751  | 676.250  |
| 69.0 | 1072.439 | 1019.377 | 811.704  | 688.456  | 650.482  |
| 69.5 | 1037.347 | 984.454  | 780.850  | 661.840  | 625.392  |
| 70.0 | 1002.085 | 949.361  | 750.334  | 635.563  | 599.623  |
| 70.5 | 967.162  | 914.269  | 720.158  | 609.456  | 575.211  |
| 71.0 | 932.408  | 879.685  | 690.321  | 583.518  | 550.460  |
| 71.5 | 898.672  | 845.610  | 660.993  | 558.258  | 525.709  |
| 72.0 | 865.444  | 811.873  | 632.173  | 532.829  | 501.466  |
| 72.5 | 831.369  | 778.985  | 603.692  | 508.078  | 477.563  |
| 73.0 | 798.311  | 745.927  | 575.720  | 483.496  | 454.337  |
| 73.5 | 765.083  | 713.038  | 548.256  | 459.084  | 430.773  |
| 74.0 | 733.043  | 681.336  | 521.132  | 435.689  | 408.225  |
| 74.5 | 700.832  | 649.634  | 494.515  | 411.785  | 385.678  |
| 75.0 | 669.130  | 618.102  | 467.899  | 388.560  | 363.470  |
| 75.5 | 637.598  | 587.587  | 442.131  | 365.674  | 342.109  |
| 76.0 | 607.252  | 557.072  | 416.871  | 343.635  | 320.748  |
| 76.5 | 577.076  | 527.574  | 391.781  | 321.935  | 300.235  |
| 77.0 | 547.239  | 497.737  | 367.369  | 300.405  | 280.570  |
| 77.5 | 518.080  | 468.747  | 343.296  | 279.723  | 260.905  |
| 78.0 | 489.091  | 440.266  | 319.562  | 259.549  | 241.748  |
| 78.5 | 460.949  | 412.294  | 295.997  | 239.883  | 223.100  |
| 79.0 | 433.146  | 384.661  | 273.280  | 220.557  | 204.791  |
| 79.5 | 406.361  | 357.367  | 251.242  | 201.909  | 186.651  |
| 80.0 | 379.914  | 330.751  | 229.881  | 183.769  | 169.190  |
| 80.5 | 353.976  | 304.643  | 209.199  | 165.630  | 151.728  |
| 81.0 | 328.377  | 278.875  | 189.533  | 147.999  | 134.775  |
| 81.5 | 303.457  | 253.954  | 170.207  | 130.537  | 117.483  |
| 82.0 | 279.214  | 229.881  | 151.898  | 113.754  | 100.361  |
| 82.5 | 255.649  | 206.486  | 133.928  | 96.462   | 82.221   |

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**CANDELA TABULATION - (Cont.)**

|       |         |         |         |        |        |
|-------|---------|---------|---------|--------|--------|
| 83.0  | 232.763 | 183.769 | 116.297 | 78.831 | 62.726 |
| 83.5  | 210.555 | 161.730 | 99.344  | 59.335 | 41.874 |
| 84.0  | 189.025 | 140.878 | 82.730  | 39.500 | 32.380 |
| 84.5  | 168.342 | 120.874 | 65.947  | 30.176 | 28.650 |
| 85.0  | 148.338 | 101.887 | 46.959  | 26.446 | 25.429 |
| 85.5  | 129.181 | 84.086  | 28.481  | 23.225 | 22.378 |
| 86.0  | 110.702 | 67.133  | 22.378  | 20.004 | 19.326 |
| 86.5  | 92.732  | 51.198  | 18.987  | 16.953 | 16.275 |
| 87.0  | 75.949  | 35.601  | 15.766  | 14.071 | 13.393 |
| 87.5  | 59.844  | 18.818  | 12.545  | 11.019 | 10.680 |
| 88.0  | 44.756  | 11.867  | 9.663   | 8.307  | 7.798  |
| 88.5  | 30.854  | 8.815   | 6.781   | 5.764  | 5.425  |
| 89.0  | 18.818  | 5.764   | 4.069   | 3.391  | 3.221  |
| 89.5  | 8.476   | 3.052   | 2.034   | 1.695  | 1.356  |
| 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-L16-950-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-L16-950-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-L16-950-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-L16-950-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens   | %Lamp | %Fixt  |
|---------|----------|-------|--------|
| 0-20    | 1912.55  | N.A.  | 16.70  |
| 0-30    | 3893.45  | N.A.  | 34.10  |
| 0-40    | 6066.83  | N.A.  | 53.10  |
| 0-60    | 9713.53  | N.A.  | 85.00  |
| 0-80    | 11337.42 | N.A.  | 99.20  |
| 0-90    | 11434.12 | N.A.  | 100.00 |
| 10-90   | 10924.94 | N.A.  | 95.50  |
| 20-40   | 4154.29  | N.A.  | 36.30  |
| 20-50   | 6176.76  | N.A.  | 54.00  |
| 40-70   | 4738.46  | N.A.  | 41.40  |
| 60-80   | 1623.9   | N.A.  | 14.20  |
| 70-80   | 532.13   | N.A.  | 4.70   |
| 80-90   | 96.70    | 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   | 11434.12 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 509.17  |
| 10-20   | 1403.37 |
| 20-30   | 1980.91 |
| 30-40   | 2173.38 |
| 40-50   | 2022.48 |
| 50-60   | 1624.21 |
| 60-70   | 1091.77 |
| 70-80   | 532.13  |
| 80-90   | 96.70   |
| 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-L16-950-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 | 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-L16-950-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

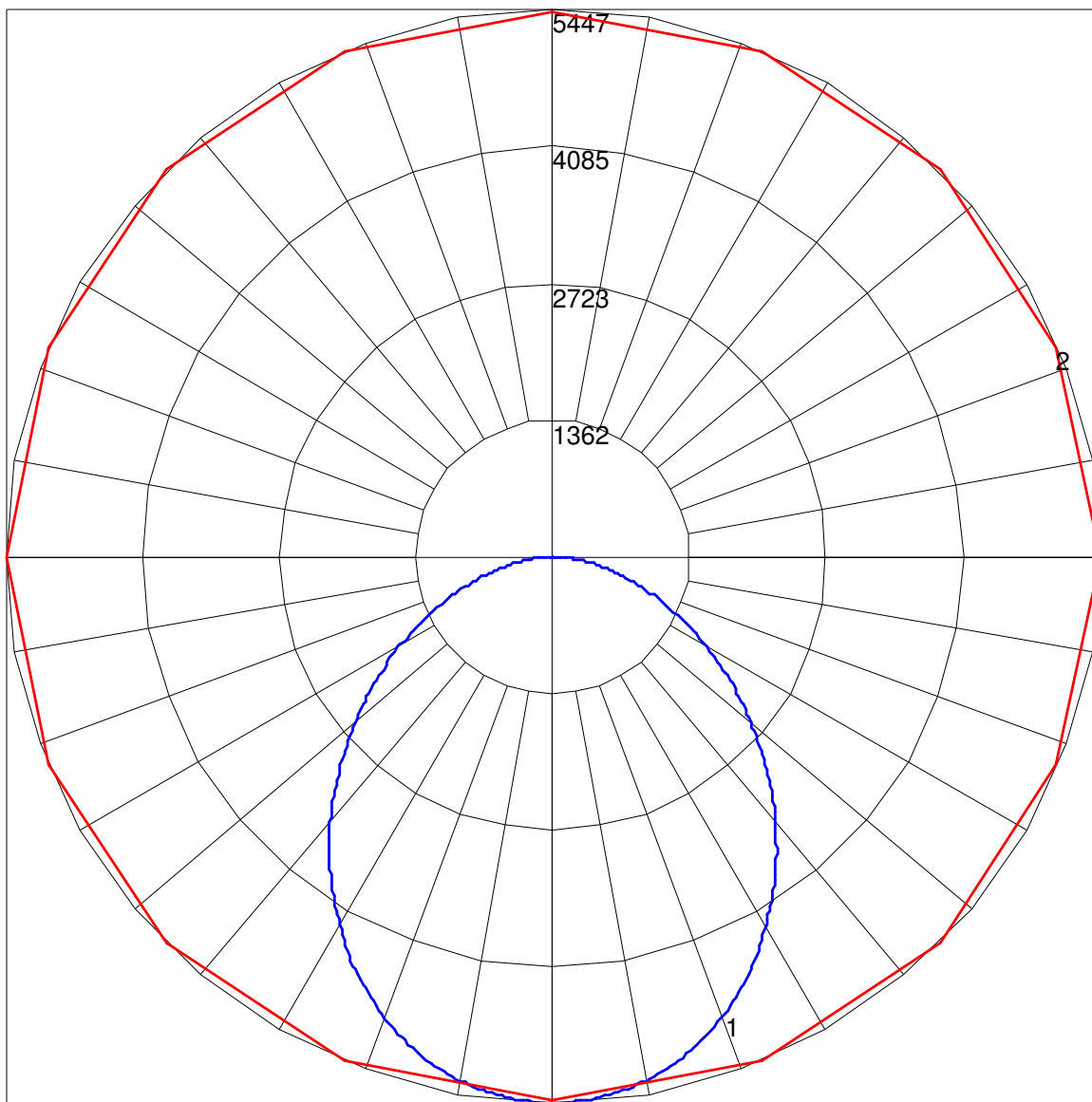
Reflectances

|                |    |    |    |    |    |    |    |    |    |    |
|----------------|----|----|----|----|----|----|----|----|----|----|
| 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 | 22.7                 | 24.2 | 23.1 | 24.6 | 24.9 | 20.6               | 22.1 | 20.9 | 22.4 | 22.7 |
|           | 3H   | 24.3                 | 25.7 | 24.7 | 26.0 | 26.4 | 21.8               | 23.2 | 22.2 | 23.5 | 23.9 |
|           | 4H   | 24.9                 | 26.2 | 25.3 | 26.5 | 26.9 | 22.2               | 23.5 | 22.6 | 23.9 | 24.2 |
|           | 6H   | 25.2                 | 26.4 | 25.6 | 26.8 | 27.2 | 22.4               | 23.6 | 22.8 | 24.0 | 24.3 |
|           | 8H   | 25.3                 | 26.5 | 25.8 | 26.9 | 27.3 | 22.4               | 23.5 | 22.8 | 23.9 | 24.3 |
|           | 12H  | 25.4                 | 26.5 | 25.8 | 26.9 | 27.3 | 22.4               | 23.5 | 22.8 | 23.9 | 24.3 |
| 4H        | 2H   | 23.0                 | 24.3 | 23.4 | 24.7 | 25.0 | 21.3               | 22.6 | 21.7 | 22.9 | 23.3 |
|           | 3H   | 24.8                 | 25.9 | 25.3 | 26.3 | 26.7 | 22.7               | 23.8 | 23.1 | 24.2 | 24.6 |
|           | 4H   | 25.5                 | 26.5 | 26.0 | 26.9 | 27.3 | 23.2               | 24.1 | 23.6 | 24.6 | 25.0 |
|           | 6H   | 26.0                 | 26.9 | 26.5 | 27.3 | 27.8 | 23.4               | 24.3 | 23.9 | 24.7 | 25.2 |
|           | 8H   | 26.1                 | 26.9 | 26.6 | 27.4 | 27.8 | 23.4               | 24.2 | 23.9 | 24.7 | 25.1 |
|           | 12H  | 26.2                 | 26.9 | 26.7 | 27.4 | 27.9 | 23.4               | 24.1 | 23.9 | 24.6 | 25.1 |
| 8H        | 4H   | 25.6                 | 26.4 | 26.1 | 26.8 | 27.3 | 23.5               | 24.2 | 23.9 | 24.7 | 25.2 |
|           | 6H   | 26.2                 | 26.8 | 26.7 | 27.3 | 27.8 | 23.8               | 24.4 | 24.3 | 24.9 | 25.4 |
|           | 8H   | 26.4                 | 26.9 | 26.9 | 27.5 | 27.9 | 23.8               | 24.4 | 24.3 | 24.9 | 25.4 |
|           | 12H  | 26.5                 | 27.0 | 27.0 | 27.5 | 28.1 | 23.8               | 24.3 | 24.3 | 24.8 | 25.4 |
| 12H       | 4H   | 25.6                 | 26.3 | 26.1 | 26.8 | 27.2 | 23.5               | 24.2 | 24.0 | 24.7 | 25.1 |
|           | 6H   | 26.2                 | 26.8 | 26.7 | 27.2 | 27.8 | 23.8               | 24.4 | 24.4 | 24.9 | 25.4 |
|           | 8H   | 26.4                 | 26.9 | 26.9 | 27.4 | 27.9 | 23.9               | 24.4 | 24.4 | 24.9 | 25.4 |

Maximum UGR = 28.1

POLAR GRAPH



Maximum Candela = 5446.96 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.)