

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-6-L19-850-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-6-L19-850-DMA-DIM-UNV\_

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

[MORE] ) with diffused acrylic shielding

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

[MORE] of absolute photometry.

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

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

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

### CHARACTERISTICS

|                                 |                 |
|---------------------------------|-----------------|
| Lumens Per Lamp                 | N.A. (absolute) |
| Total Lamp Lumens               | N.A. (absolute) |
| Luminaire Lumens                | 12129           |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 122             |
| Total Luminaire Watts           | 99.6            |
| Ballast Factor                  | 1.00            |
| CIE Type                        | Direct          |
| Spacing Criterion (0-180)       | 1.18            |
| Spacing Criterion (90-270)      | 1.08            |
| Spacing Criterion (Diagonal)    | 1.22            |
| Basic Luminous Shape            | Rectangular     |
| Luminous Length (0-180)         | 6.00 ft         |
| Luminous Width (90-270)         | 0.40 ft         |
| Luminous Height                 | 0.00 ft         |

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

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 19723            | 17485             | 15479             |
| 55                  | 17264            | 14922             | 12674             |
| 65                  | 14689            | 12274             | 10197             |
| 75                  | 11794            | 9217              | 7507              |
| 85                  | 7637             | 4734              | 3623              |

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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  | 5617.966   | 5617.966    | 5617.966    | 5617.966    | 5617.966    |
| 0.5  | 5645.430   | 5605.760    | 5619.492    | 5614.915    | 5611.863    |
| 1.0  | 5643.905   | 5604.234    | 5617.966    | 5613.389    | 5610.337    |
| 1.5  | 5642.379   | 5601.182    | 5616.440    | 5610.337    | 5607.286    |
| 2.0  | 5639.327   | 5599.657    | 5611.863    | 5604.234    | 5605.760    |
| 2.5  | 5637.801   | 5596.605    | 5608.811    | 5601.182    | 5599.657    |
| 3.0  | 5633.224   | 5592.028    | 5604.234    | 5593.553    | 5592.028    |
| 3.5  | 5630.172   | 5587.450    | 5598.131    | 5587.450    | 5584.399    |
| 4.0  | 5622.544   | 5581.347    | 5592.028    | 5579.821    | 5575.244    |
| 4.5  | 5619.492   | 5575.244    | 5584.399    | 5570.667    | 5564.563    |
| 5.0  | 5611.863   | 5569.141    | 5575.244    | 5561.512    | 5555.409    |
| 5.5  | 5608.811   | 5559.986    | 5566.089    | 5549.306    | 5541.677    |
| 6.0  | 5595.079   | 5552.357    | 5555.409    | 5537.099    | 5529.470    |
| 6.5  | 5587.450   | 5544.728    | 5543.202    | 5523.367    | 5514.212    |
| 7.0  | 5578.296   | 5534.048    | 5532.522    | 5509.635    | 5500.480    |
| 7.5  | 5569.141   | 5523.367    | 5518.790    | 5494.377    | 5483.696    |
| 8.0  | 5558.460   | 5511.161    | 5506.583    | 5477.593    | 5465.387    |
| 8.5  | 5547.780   | 5500.480    | 5492.851    | 5459.284    | 5447.077    |
| 9.0  | 5535.573   | 5488.274    | 5476.067    | 5440.974    | 5428.768    |
| 9.5  | 5521.841   | 5473.016    | 5460.810    | 5421.139    | 5407.407    |
| 10.0 | 5511.161   | 5459.284    | 5442.500    | 5402.829    | 5387.572    |
| 10.5 | 5494.377   | 5444.026    | 5425.716    | 5382.994    | 5366.210    |
| 11.0 | 5479.119   | 5428.768    | 5405.881    | 5360.107    | 5344.849    |
| 11.5 | 5463.861   | 5411.984    | 5386.046    | 5337.220    | 5318.911    |
| 12.0 | 5447.077   | 5395.201    | 5366.210    | 5312.808    | 5294.498    |
| 12.5 | 5427.242   | 5375.365    | 5344.849    | 5288.395    | 5267.034    |
| 13.0 | 5410.458   | 5357.056    | 5321.963    | 5262.457    | 5241.096    |
| 13.5 | 5393.675   | 5337.220    | 5299.076    | 5236.518    | 5215.157    |
| 14.0 | 5372.314   | 5317.385    | 5276.189    | 5207.528    | 5184.641    |
| 14.5 | 5354.004   | 5294.498    | 5250.250    | 5180.064    | 5155.651    |
| 15.0 | 5332.643   | 5273.137    | 5224.312    | 5151.074    | 5125.135    |
| 15.5 | 5311.282   | 5250.250    | 5198.373    | 5120.558    | 5094.619    |
| 16.0 | 5288.395   | 5227.363    | 5170.909    | 5090.042    | 5061.052    |
| 16.5 | 5267.034   | 5204.477    | 5143.445    | 5058.000    | 5029.010    |
| 17.0 | 5242.621   | 5178.538    | 5114.455    | 5025.959    | 4993.917    |
| 17.5 | 5219.734   | 5152.600    | 5086.991    | 4992.391    | 4958.824    |
| 18.0 | 5193.796   | 5128.187    | 5056.475    | 4958.824    | 4923.731    |
| 18.5 | 5170.909   | 5100.723    | 5025.959    | 4923.731    | 4885.586    |
| 19.0 | 5143.445   | 5073.258    | 4993.917    | 4887.112    | 4847.441    |
| 19.5 | 5117.506   | 5045.794    | 4961.876    | 4852.019    | 4809.296    |
| 20.0 | 5090.042   | 5016.804    | 4928.308    | 4815.400    | 4771.152    |
| 20.5 | 5062.578   | 4987.814    | 4894.741    | 4777.255    | 4731.481    |
| 21.0 | 5033.588   | 4958.824    | 4861.173    | 4739.110    | 4690.285    |
| 21.5 | 5006.124   | 4926.782    | 4826.080    | 4699.439    | 4650.614    |
| 22.0 | 4975.608   | 4896.267    | 4789.461    | 4659.769    | 4610.943    |
| 22.5 | 4945.092   | 4864.225    | 4752.842    | 4620.098    | 4568.221    |
| 23.0 | 4916.102   | 4833.709    | 4717.749    | 4577.376    | 4525.499    |
| 23.5 | 4885.586   | 4800.142    | 4679.604    | 4536.180    | 4482.777    |
| 24.0 | 4853.544   | 4766.574    | 4641.459    | 4494.983    | 4438.529    |
| 24.5 | 4821.503   | 4733.007    | 4601.789    | 4452.261    | 4395.807    |
| 25.0 | 4787.935   | 4699.439    | 4563.644    | 4409.539    | 4351.559    |
| 25.5 | 4752.842   | 4662.820    | 4523.973    | 4365.291    | 4304.259    |
| 26.0 | 4719.275   | 4627.727    | 4481.251    | 4321.043    | 4258.485    |
| 26.5 | 4685.707   | 4591.108    | 4441.581    | 4276.795    | 4211.186    |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 27.0 | 4649.088 | 4554.489 | 4398.858 | 4231.021 | 4165.412 |
| 27.5 | 4610.943 | 4516.344 | 4357.662 | 4185.247 | 4119.638 |
| 28.0 | 4575.850 | 4479.725 | 4314.940 | 4137.948 | 4070.813 |
| 28.5 | 4539.231 | 4441.581 | 4273.743 | 4092.174 | 4023.514 |
| 29.0 | 4502.612 | 4403.436 | 4231.021 | 4044.875 | 3977.740 |
| 29.5 | 4459.890 | 4363.765 | 4186.773 | 3997.575 | 3928.914 |
| 30.0 | 4418.694 | 4322.569 | 4142.525 | 3950.275 | 3881.615 |
| 30.5 | 4380.549 | 4282.898 | 4099.803 | 3904.502 | 3832.790 |
| 31.0 | 4340.878 | 4243.228 | 4055.555 | 3857.202 | 3783.964 |
| 31.5 | 4302.733 | 4202.031 | 4011.307 | 3808.377 | 3735.139 |
| 32.0 | 4260.011 | 4160.835 | 3965.533 | 3761.077 | 3687.839 |
| 32.5 | 4220.341 | 4118.113 | 3921.285 | 3712.252 | 3637.488 |
| 33.0 | 4179.144 | 4076.916 | 3873.986 | 3664.952 | 3590.189 |
| 33.5 | 4137.948 | 4034.194 | 3831.264 | 3616.127 | 3538.312 |
| 34.0 | 4098.277 | 3991.472 | 3783.964 | 3568.827 | 3491.012 |
| 34.5 | 4057.081 | 3950.275 | 3738.190 | 3521.528 | 3443.713 |
| 35.0 | 4015.885 | 3906.028 | 3690.891 | 3472.703 | 3394.887 |
| 35.5 | 3973.162 | 3861.780 | 3645.117 | 3426.929 | 3344.536 |
| 36.0 | 3933.492 | 3819.057 | 3599.343 | 3378.103 | 3298.762 |
| 36.5 | 3890.770 | 3774.809 | 3552.044 | 3330.804 | 3249.937 |
| 37.0 | 3846.522 | 3730.561 | 3507.796 | 3283.504 | 3204.163 |
| 37.5 | 3803.799 | 3686.313 | 3462.022 | 3234.679 | 3155.338 |
| 38.0 | 3761.077 | 3640.540 | 3414.723 | 3187.379 | 3106.513 |
| 38.5 | 3716.829 | 3597.818 | 3368.949 | 3140.080 | 3059.213 |
| 39.0 | 3671.056 | 3552.044 | 3323.175 | 3092.780 | 3011.913 |
| 39.5 | 3628.333 | 3507.796 | 3275.875 | 3045.481 | 2964.614 |
| 40.0 | 3584.085 | 3462.022 | 3230.102 | 3001.233 | 2918.840 |
| 40.5 | 3536.786 | 3417.774 | 3182.802 | 2953.933 | 2870.015 |
| 41.0 | 3492.538 | 3372.000 | 3137.028 | 2906.634 | 2819.664 |
| 41.5 | 3448.290 | 3327.752 | 3091.255 | 2859.334 | 2772.364 |
| 42.0 | 3400.990 | 3281.979 | 3045.481 | 2810.509 | 2723.539 |
| 42.5 | 3352.165 | 3234.679 | 2999.707 | 2764.735 | 2676.239 |
| 43.0 | 3306.391 | 3188.905 | 2953.933 | 2714.384 | 2628.940 |
| 43.5 | 3262.143 | 3144.657 | 2908.160 | 2667.084 | 2584.692 |
| 44.0 | 3213.318 | 3098.884 | 2862.386 | 2622.836 | 2538.918 |
| 44.5 | 3167.544 | 3053.110 | 2812.035 | 2577.063 | 2493.144 |
| 45.0 | 3120.245 | 3008.862 | 2766.261 | 2532.815 | 2448.896 |
| 45.5 | 3072.945 | 2961.562 | 2718.961 | 2488.567 | 2403.122 |
| 46.0 | 3027.171 | 2917.314 | 2674.713 | 2444.319 | 2358.874 |
| 46.5 | 2981.398 | 2871.541 | 2630.465 | 2401.597 | 2316.152 |
| 47.0 | 2934.098 | 2825.767 | 2586.217 | 2357.349 | 2271.904 |
| 47.5 | 2886.798 | 2776.941 | 2543.495 | 2314.626 | 2229.182 |
| 48.0 | 2841.025 | 2729.642 | 2500.773 | 2271.904 | 2184.934 |
| 48.5 | 2793.725 | 2685.394 | 2456.525 | 2229.182 | 2142.212 |
| 49.0 | 2743.374 | 2639.620 | 2413.803 | 2186.460 | 2101.016 |
| 49.5 | 2699.126 | 2596.898 | 2372.607 | 2143.738 | 2059.819 |
| 50.0 | 2653.352 | 2552.650 | 2329.884 | 2102.541 | 2018.623 |
| 50.5 | 2610.630 | 2508.402 | 2287.162 | 2061.345 | 1977.426 |
| 51.0 | 2564.856 | 2465.680 | 2244.440 | 2018.623 | 1936.230 |
| 51.5 | 2520.608 | 2421.432 | 2203.244 | 1978.952 | 1896.559 |
| 52.0 | 2477.886 | 2377.184 | 2160.521 | 1937.756 | 1856.889 |
| 52.5 | 2433.638 | 2334.462 | 2119.325 | 1898.085 | 1818.744 |
| 53.0 | 2389.390 | 2291.740 | 2078.129 | 1858.415 | 1780.599 |
| 53.5 | 2345.142 | 2249.017 | 2038.458 | 1818.744 | 1740.929 |
| 54.0 | 2302.420 | 2206.295 | 1995.736 | 1780.599 | 1702.784 |
| 54.5 | 2258.172 | 2165.099 | 1956.065 | 1740.929 | 1664.639 |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 55.0 | 2215.450 | 2122.377 | 1914.869 | 1704.310 | 1626.494 |
| 55.5 | 2171.202 | 2081.180 | 1875.198 | 1664.639 | 1589.875 |
| 56.0 | 2126.954 | 2038.458 | 1835.528 | 1628.020 | 1553.256 |
| 56.5 | 2084.232 | 1997.262 | 1795.857 | 1591.401 | 1518.926 |
| 57.0 | 2039.984 | 1956.065 | 1754.661 | 1554.782 | 1482.765 |
| 57.5 | 1997.262 | 1916.395 | 1716.516 | 1518.163 | 1447.519 |
| 58.0 | 1954.540 | 1875.198 | 1676.845 | 1482.154 | 1412.883 |
| 58.5 | 1911.817 | 1834.002 | 1637.175 | 1446.603 | 1378.248 |
| 59.0 | 1869.095 | 1794.331 | 1599.030 | 1411.663 | 1343.918 |
| 59.5 | 1826.373 | 1754.661 | 1560.885 | 1376.722 | 1310.503 |
| 60.0 | 1785.177 | 1714.990 | 1522.435 | 1341.629 | 1277.240 |
| 60.5 | 1743.980 | 1675.320 | 1485.206 | 1307.451 | 1243.978 |
| 61.0 | 1702.784 | 1637.175 | 1447.214 | 1273.579 | 1211.326 |
| 61.5 | 1663.113 | 1597.504 | 1410.290 | 1239.401 | 1179.132 |
| 62.0 | 1621.917 | 1557.834 | 1373.060 | 1206.749 | 1148.006 |
| 62.5 | 1582.246 | 1520.147 | 1337.052 | 1173.944 | 1116.269 |
| 63.0 | 1542.576 | 1482.460 | 1301.195 | 1141.292 | 1085.143 |
| 63.5 | 1503.668 | 1444.772 | 1265.339 | 1108.335 | 1053.712 |
| 64.0 | 1465.828 | 1407.391 | 1230.399 | 1076.599 | 1023.501 |
| 64.5 | 1426.768 | 1370.009 | 1195.153 | 1045.015 | 993.443  |
| 65.0 | 1388.928 | 1333.390 | 1160.517 | 1013.431 | 964.148  |
| 65.5 | 1351.394 | 1296.313 | 1125.577 | 982.457  | 934.242  |
| 66.0 | 1314.012 | 1259.541 | 1091.857 | 952.247  | 904.947  |
| 66.5 | 1276.935 | 1223.227 | 1057.984 | 921.578  | 875.347  |
| 67.0 | 1239.401 | 1187.219 | 1024.569 | 891.215  | 846.967  |
| 67.5 | 1201.866 | 1151.210 | 991.612  | 861.920  | 818.587  |
| 68.0 | 1165.858 | 1115.812 | 958.350  | 832.472  | 789.903  |
| 68.5 | 1129.086 | 1080.718 | 925.851  | 803.482  | 762.286  |
| 69.0 | 1092.620 | 1045.625 | 893.656  | 774.645  | 734.821  |
| 69.5 | 1057.221 | 1010.685 | 862.225  | 746.112  | 708.120  |
| 70.0 | 1021.365 | 975.897  | 830.183  | 718.190  | 681.114  |
| 70.5 | 985.967  | 941.719  | 798.752  | 690.421  | 655.023  |
| 71.0 | 950.568  | 907.846  | 768.236  | 663.414  | 628.626  |
| 71.5 | 915.933  | 873.669  | 737.720  | 636.560  | 603.146  |
| 72.0 | 881.450  | 840.406  | 707.510  | 609.859  | 577.665  |
| 72.5 | 847.120  | 807.449  | 677.452  | 583.768  | 552.947  |
| 73.0 | 813.705  | 774.950  | 648.004  | 557.524  | 528.687  |
| 73.5 | 780.290  | 741.993  | 619.014  | 532.501  | 504.427  |
| 74.0 | 747.486  | 709.646  | 590.329  | 507.326  | 480.319  |
| 74.5 | 714.986  | 677.909  | 561.949  | 482.913  | 457.432  |
| 75.0 | 682.945  | 646.631  | 533.722  | 458.348  | 434.698  |
| 75.5 | 651.513  | 615.962  | 506.410  | 435.003  | 412.116  |
| 76.0 | 620.845  | 585.599  | 479.709  | 411.659  | 390.298  |
| 76.5 | 590.024  | 555.236  | 453.008  | 389.230  | 368.937  |
| 77.0 | 560.881  | 525.635  | 427.374  | 366.800  | 347.728  |
| 77.5 | 531.281  | 496.493  | 401.894  | 345.134  | 326.977  |
| 78.0 | 501.833  | 467.808  | 376.718  | 323.926  | 307.295  |
| 78.5 | 472.690  | 439.428  | 352.611  | 303.327  | 287.307  |
| 79.0 | 444.921  | 412.116  | 328.961  | 283.034  | 268.082  |
| 79.5 | 417.609  | 384.347  | 305.921  | 262.741  | 249.314  |
| 80.0 | 390.450  | 357.798  | 283.034  | 243.669  | 231.157  |
| 80.5 | 363.444  | 331.402  | 260.758  | 224.749  | 213.153  |
| 81.0 | 337.353  | 305.769  | 239.397  | 206.745  | 196.064  |
| 81.5 | 311.567  | 280.898  | 218.493  | 188.893  | 179.128  |
| 82.0 | 286.696  | 255.723  | 198.658  | 171.499  | 162.344  |
| 82.5 | 262.436  | 231.920  | 179.128  | 154.563  | 146.323  |

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**CANDELA TABULATION - (Cont.)**

|       |         |         |         |         |         |
|-------|---------|---------|---------|---------|---------|
| 83.0  | 238.481 | 208.423 | 160.208 | 138.084 | 129.997 |
| 83.5  | 214.832 | 185.994 | 142.356 | 121.911 | 114.434 |
| 84.0  | 192.250 | 164.023 | 124.962 | 106.043 | 99.329  |
| 84.5  | 169.973 | 143.272 | 108.331 | 90.937  | 84.834  |
| 85.0  | 148.917 | 123.284 | 92.310  | 76.747  | 70.644  |
| 85.5  | 128.472 | 104.059 | 77.052  | 62.252  | 55.386  |
| 86.0  | 109.247 | 85.750  | 63.320  | 47.300  | 38.603  |
| 86.5  | 90.174  | 69.271  | 50.046  | 29.906  | 23.802  |
| 87.0  | 72.628  | 53.708  | 35.704  | 18.920  | 16.936  |
| 87.5  | 56.302  | 39.976  | 20.598  | 14.495  | 13.274  |
| 88.0  | 41.196  | 27.312  | 12.969  | 11.138  | 10.375  |
| 88.5  | 28.380  | 15.258  | 9.612   | 8.087   | 7.171   |
| 89.0  | 17.852  | 7.629   | 6.408   | 5.188   | 4.577   |
| 89.5  | 8.850   | 4.120   | 3.509   | 2.594   | 2.289   |
| 90.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 90.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 91.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 91.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 92.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 92.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 93.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 93.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 94.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 94.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 95.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 95.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 96.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 96.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 97.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 97.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 98.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 98.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 99.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 99.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 100.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 100.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 101.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 101.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 102.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 102.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 103.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 103.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 104.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 104.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 105.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 105.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 106.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 106.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 107.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 107.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 108.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 108.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 109.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 109.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 110.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 110.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LRX4X-6-L19-850-DMA-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 111.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 111.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LRX4X-6-L19-850-DMA-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 139.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 139.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LRX4X-6-L19-850-DMA-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 167.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX4X-6-L19-850-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens   | %Lamp | %Fixt  |
|---------|----------|-------|--------|
| 0-20    | 1995.55  | N.A.  | 16.50  |
| 0-30    | 4090.52  | N.A.  | 33.70  |
| 0-40    | 6398.27  | N.A.  | 52.80  |
| 0-60    | 10253.5  | N.A.  | 84.50  |
| 0-80    | 12002.92 | N.A.  | 99.00  |
| 0-90    | 12128.53 | N.A.  | 100.00 |
| 10-90   | 11600.92 | N.A.  | 95.60  |
| 20-40   | 4402.72  | N.A.  | 36.30  |
| 20-50   | 6542.77  | N.A.  | 53.90  |
| 40-70   | 5017.7   | N.A.  | 41.40  |
| 60-80   | 1749.42  | N.A.  | 14.40  |
| 70-80   | 586.94   | N.A.  | 4.80   |
| 80-90   | 125.61   | N.A.  | 1.00   |
| 90-110  | 0.00     | N.A.  | 0.00   |
| 90-120  | 0.00     | N.A.  | 0.00   |
| 90-130  | 0.00     | N.A.  | 0.00   |
| 90-150  | 0.00     | N.A.  | 0.00   |
| 90-180  | 0.00     | N.A.  | 0.00   |
| 110-180 | 0.00     | N.A.  | 0.00   |
| 0-180   | 12128.53 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 527.61  |
| 10-20   | 1467.94 |
| 20-30   | 2094.97 |
| 30-40   | 2307.75 |
| 40-50   | 2140.05 |
| 50-60   | 1715.18 |
| 60-70   | 1162.48 |
| 70-80   | 586.94  |
| 80-90   | 125.61  |
| 90-100  | 0.00    |
| 100-110 | 0.00    |
| 110-120 | 0.00    |
| 120-130 | 0.00    |
| 130-140 | 0.00    |
| 140-150 | 0.00    |
| 150-160 | 0.00    |
| 160-170 | 0.00    |
| 170-180 | 0.00    |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX4X-6-L19-850-DMA-DIM-UNV\_.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

| RC | 80  |     |     |     | 70  |     |     |     | 50  |     |     | 30  |     |     | 10  |     |     | 0   |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RW | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 0   |
| 0  | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1  | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86  |
| 2  | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  |
| 3  | 93  | 83  | 75  | 69  | 90  | 81  | 74  | 69  | 78  | 72  | 67  | 76  | 71  | 66  | 73  | 69  | 65  | 63  |
| 4  | 85  | 74  | 66  | 60  | 83  | 73  | 65  | 59  | 70  | 64  | 58  | 68  | 62  | 58  | 66  | 61  | 57  | 55  |
| 5  | 79  | 67  | 58  | 52  | 77  | 66  | 58  | 52  | 64  | 57  | 51  | 62  | 56  | 51  | 60  | 54  | 50  | 48  |
| 6  | 73  | 61  | 52  | 46  | 71  | 60  | 52  | 46  | 58  | 51  | 45  | 56  | 50  | 45  | 55  | 49  | 45  | 43  |
| 7  | 68  | 55  | 47  | 41  | 66  | 54  | 47  | 41  | 53  | 46  | 41  | 51  | 45  | 40  | 50  | 44  | 40  | 38  |
| 8  | 64  | 51  | 43  | 37  | 62  | 50  | 42  | 37  | 49  | 42  | 37  | 47  | 41  | 36  | 46  | 41  | 36  | 34  |
| 9  | 60  | 47  | 39  | 34  | 58  | 46  | 39  | 33  | 45  | 38  | 33  | 44  | 38  | 33  | 43  | 37  | 33  | 31  |
| 10 | 56  | 43  | 36  | 31  | 55  | 43  | 35  | 31  | 42  | 35  | 30  | 41  | 35  | 30  | 40  | 34  | 30  | 28  |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX4X-6-L19-850-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

Reflectances

|                |    |    |    |    |    |    |    |    |    |    |
|----------------|----|----|----|----|----|----|----|----|----|----|
| Ceiling Cavity | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| Walls          | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| Floor Cavity   | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

Room Size      UGR Viewed Crosswise

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| X=2H | Y=2H | 21.8 | 23.4 | 22.2 | 23.7 | 24.0 | 20.1 | 21.6 | 20.5 | 21.9 | 22.3 |
|      | 3H   | 23.4 | 24.8 | 23.8 | 25.1 | 25.5 | 21.4 | 22.8 | 21.8 | 23.1 | 23.5 |
|      | 4H   | 24.0 | 25.3 | 24.4 | 25.6 | 26.0 | 21.9 | 23.1 | 22.3 | 23.5 | 23.9 |
|      | 6H   | 24.3 | 25.5 | 24.7 | 25.9 | 26.3 | 22.1 | 23.3 | 22.5 | 23.7 | 24.1 |
|      | 8H   | 24.4 | 25.6 | 24.9 | 26.0 | 26.4 | 22.2 | 23.3 | 22.6 | 23.7 | 24.1 |
|      | 12H  | 24.5 | 25.6 | 24.9 | 26.0 | 26.4 | 22.2 | 23.3 | 22.6 | 23.7 | 24.1 |

UGR Viewed Endwise

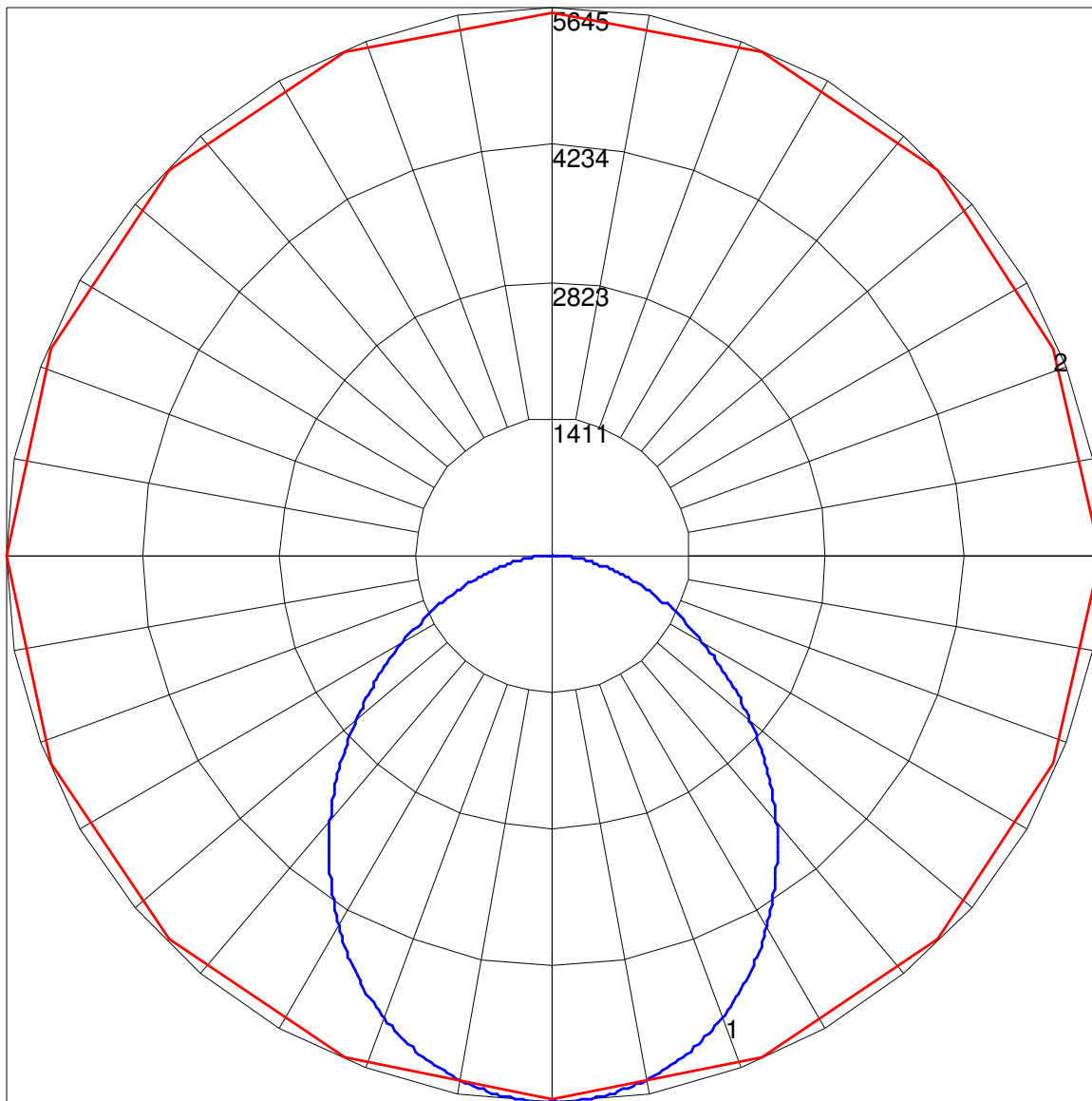
|    |     |      |      |      |      |      |      |      |      |      |      |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 4H | 2H  | 22.2 | 23.5 | 22.6 | 23.8 | 24.2 | 20.8 | 22.1 | 21.2 | 22.4 | 22.8 |
|    | 3H  | 24.0 | 25.1 | 24.4 | 25.5 | 25.9 | 22.3 | 23.4 | 22.7 | 23.8 | 24.2 |
|    | 4H  | 24.7 | 25.6 | 25.1 | 26.1 | 26.5 | 22.8 | 23.8 | 23.2 | 24.2 | 24.6 |
|    | 6H  | 25.2 | 26.0 | 25.6 | 26.5 | 26.9 | 23.2 | 24.0 | 23.6 | 24.5 | 24.9 |
|    | 8H  | 25.3 | 26.1 | 25.8 | 26.6 | 27.0 | 23.2 | 24.0 | 23.7 | 24.5 | 24.9 |
|    | 12H | 25.4 | 26.1 | 25.9 | 26.6 | 27.1 | 23.3 | 24.0 | 23.8 | 24.5 | 24.9 |

|    |     |      |      |      |      |      |      |      |      |      |      |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 8H | 4H  | 24.8 | 25.6 | 25.3 | 26.0 | 26.5 | 23.1 | 23.9 | 23.6 | 24.4 | 24.8 |
|    | 6H  | 25.4 | 26.0 | 25.9 | 26.5 | 27.0 | 23.5 | 24.2 | 24.0 | 24.7 | 25.2 |
|    | 8H  | 25.6 | 26.2 | 26.1 | 26.7 | 27.2 | 23.7 | 24.3 | 24.2 | 24.8 | 25.3 |
|    | 12H | 25.7 | 26.2 | 26.2 | 26.7 | 27.3 | 23.7 | 24.3 | 24.2 | 24.7 | 25.3 |

|     |    |      |      |      |      |      |      |      |      |      |      |
|-----|----|------|------|------|------|------|------|------|------|------|------|
| 12H | 4H | 24.8 | 25.5 | 25.3 | 26.0 | 26.4 | 23.2 | 23.9 | 23.6 | 24.3 | 24.8 |
|     | 6H | 25.4 | 26.0 | 25.9 | 26.4 | 27.0 | 23.6 | 24.2 | 24.1 | 24.7 | 25.2 |
|     | 8H | 25.6 | 26.1 | 26.1 | 26.6 | 27.2 | 23.8 | 24.3 | 24.3 | 24.8 | 25.3 |

Maximum UGR = 27.3

POLAR GRAPH



Maximum Candela = 5645.43 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.)