

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-6-L16-830-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-6-L16-830-DMA-DIM-UNV\_

[LUMINAIRE] Nominal 2" x 6' 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                | 9539            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 96              |
| Total Luminaire Watts           | 99.6            |
| 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)         | 6.00 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                  | 27163            | 23516             | 20514             |
| 55                  | 24005            | 20133             | 16658             |
| 65                  | 20591            | 16203             | 13078             |
| 75                  | 16520            | 11552             | 8974              |
| 85                  | 10876            | 3443              | 1864              |

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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  | 4537.164   | 4537.164    | 4537.164    | 4537.164    | 4537.164    |
| 0.5  | 4544.236   | 4530.093    | 4541.407    | 4538.578    | 4525.850    |
| 1.0  | 4541.407   | 4528.678    | 4541.407    | 4537.164    | 4524.435    |
| 1.5  | 4539.993   | 4525.850    | 4537.164    | 4532.921    | 4520.192    |
| 2.0  | 4538.578   | 4524.435    | 4535.750    | 4530.093    | 4515.949    |
| 2.5  | 4535.750   | 4521.607    | 4531.507    | 4524.435    | 4511.706    |
| 3.0  | 4532.921   | 4518.778    | 4527.264    | 4518.778    | 4504.635    |
| 3.5  | 4528.678   | 4514.535    | 4520.192    | 4510.292    | 4497.563    |
| 4.0  | 4524.435   | 4508.878    | 4514.535    | 4503.220    | 4487.663    |
| 4.5  | 4520.192   | 4503.220    | 4506.049    | 4493.320    | 4476.348    |
| 5.0  | 4517.364   | 4497.563    | 4498.977    | 4482.005    | 4466.448    |
| 5.5  | 4508.878   | 4490.491    | 4489.077    | 4472.105    | 4455.133    |
| 6.0  | 4503.220   | 4483.420    | 4479.177    | 4459.376    | 4442.404    |
| 6.5  | 4496.149   | 4474.934    | 4469.276    | 4445.233    | 4428.261    |
| 7.0  | 4487.663   | 4465.033    | 4457.962    | 4432.504    | 4411.289    |
| 7.5  | 4479.177   | 4456.547    | 4445.233    | 4415.532    | 4394.317    |
| 8.0  | 4470.691   | 4446.647    | 4432.504    | 4399.974    | 4375.931    |
| 8.5  | 4460.790   | 4435.333    | 4418.361    | 4383.002    | 4360.373    |
| 9.0  | 4449.476   | 4424.018    | 4404.217    | 4364.616    | 4341.987    |
| 9.5  | 4439.576   | 4414.118    | 4388.660    | 4346.230    | 4320.772    |
| 10.0 | 4428.261   | 4401.389    | 4373.102    | 4326.429    | 4299.557    |
| 10.5 | 4418.361   | 4388.660    | 4356.130    | 4305.214    | 4276.928    |
| 11.0 | 4405.632   | 4374.516    | 4337.744    | 4283.999    | 4251.470    |
| 11.5 | 4394.317   | 4361.787    | 4319.358    | 4261.370    | 4230.255    |
| 12.0 | 4385.831   | 4349.059    | 4299.557    | 4238.741    | 4206.211    |
| 12.5 | 4367.445   | 4334.915    | 4279.756    | 4213.283    | 4182.168    |
| 13.0 | 4350.473   | 4317.943    | 4259.956    | 4189.239    | 4155.296    |
| 13.5 | 4336.330   | 4298.143    | 4238.741    | 4165.196    | 4128.423    |
| 14.0 | 4319.358   | 4279.756    | 4216.112    | 4138.324    | 4101.551    |
| 14.5 | 4302.386   | 4259.956    | 4193.482    | 4111.451    | 4073.265    |
| 15.0 | 4285.414   | 4241.570    | 4172.268    | 4084.579    | 4043.564    |
| 15.5 | 4268.442   | 4223.183    | 4149.638    | 4054.878    | 4013.863    |
| 16.0 | 4250.056   | 4203.383    | 4127.009    | 4026.592    | 3985.576    |
| 16.5 | 4233.084   | 4182.168    | 4101.551    | 3998.305    | 3954.461    |
| 17.0 | 4211.869   | 4160.953    | 4073.265    | 3967.190    | 3921.931    |
| 17.5 | 4192.068   | 4139.738    | 4046.392    | 3937.489    | 3890.816    |
| 18.0 | 4173.682   | 4117.109    | 4019.520    | 3906.374    | 3856.872    |
| 18.5 | 4151.053   | 4094.479    | 3991.234    | 3873.844    | 3824.343    |
| 19.0 | 4129.838   | 4071.850    | 3962.947    | 3844.143    | 3791.813    |
| 19.5 | 4110.037   | 4047.807    | 3934.660    | 3810.200    | 3755.041    |
| 20.0 | 4085.994   | 4023.763    | 3906.374    | 3776.256    | 3721.097    |
| 20.5 | 4064.779   | 4001.134    | 3878.087    | 3743.726    | 3687.153    |
| 21.0 | 4042.149   | 3975.676    | 3846.972    | 3711.197    | 3651.795    |
| 21.5 | 4018.106   | 3950.218    | 3815.857    | 3677.253    | 3616.437    |
| 22.0 | 3994.062   | 3924.760    | 3786.156    | 3641.895    | 3581.078    |
| 22.5 | 3970.019   | 3897.888    | 3756.455    | 3606.536    | 3545.720    |
| 23.0 | 3944.561   | 3872.430    | 3723.926    | 3571.178    | 3508.948    |
| 23.5 | 3920.517   | 3845.558    | 3691.396    | 3537.234    | 3472.175    |
| 24.0 | 3892.231   | 3817.271    | 3658.866    | 3500.462    | 3436.817    |
| 24.5 | 3866.773   | 3788.985    | 3624.923    | 3465.104    | 3400.044    |
| 25.0 | 3839.900   | 3760.698    | 3593.807    | 3428.331    | 3363.272    |
| 25.5 | 3813.028   | 3732.412    | 3559.864    | 3391.558    | 3325.085    |
| 26.0 | 3786.156   | 3701.296    | 3525.920    | 3356.200    | 3288.313    |
| 26.5 | 3757.869   | 3673.010    | 3491.976    | 3319.428    | 3250.126    |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 27.0 | 3728.169 | 3641.895 | 3458.032 | 3282.655 | 3213.353 |
| 27.5 | 3698.468 | 3612.194 | 3422.674 | 3245.883 | 3175.166 |
| 28.0 | 3665.938 | 3581.078 | 3388.730 | 3209.110 | 3136.979 |
| 28.5 | 3633.409 | 3549.963 | 3354.786 | 3173.752 | 3098.793 |
| 29.0 | 3603.708 | 3518.848 | 3318.013 | 3135.565 | 3060.606 |
| 29.5 | 3574.007 | 3486.318 | 3282.655 | 3097.378 | 3021.005 |
| 30.0 | 3541.477 | 3453.789 | 3248.711 | 3060.606 | 2985.646 |
| 30.5 | 3511.776 | 3422.674 | 3213.353 | 3022.419 | 2947.460 |
| 31.0 | 3479.247 | 3390.144 | 3177.995 | 2984.232 | 2910.687 |
| 31.5 | 3449.546 | 3356.200 | 3141.222 | 2947.460 | 2873.914 |
| 32.0 | 3417.016 | 3322.256 | 3105.864 | 2909.273 | 2835.728 |
| 32.5 | 3384.487 | 3288.313 | 3069.092 | 2869.671 | 2797.541 |
| 33.0 | 3353.372 | 3254.369 | 3033.734 | 2832.899 | 2760.768 |
| 33.5 | 3320.842 | 3221.839 | 2998.375 | 2797.541 | 2723.996 |
| 34.0 | 3286.898 | 3186.481 | 2961.603 | 2759.354 | 2685.809 |
| 34.5 | 3254.369 | 3152.537 | 2926.245 | 2722.581 | 2650.451 |
| 35.0 | 3220.425 | 3118.593 | 2889.472 | 2685.809 | 2610.849 |
| 35.5 | 3189.310 | 3083.235 | 2852.700 | 2649.036 | 2572.663 |
| 36.0 | 3155.366 | 3049.291 | 2817.341 | 2610.849 | 2531.647 |
| 36.5 | 3121.422 | 3013.933 | 2780.569 | 2572.663 | 2496.289 |
| 37.0 | 3088.892 | 2978.575 | 2743.796 | 2533.061 | 2459.516 |
| 37.5 | 3053.534 | 2943.217 | 2709.852 | 2496.289 | 2424.158 |
| 38.0 | 3016.762 | 2909.273 | 2673.080 | 2460.931 | 2387.386 |
| 38.5 | 2982.818 | 2872.500 | 2636.307 | 2425.572 | 2352.027 |
| 39.0 | 2950.288 | 2837.142 | 2596.706 | 2388.800 | 2316.669 |
| 39.5 | 2913.516 | 2801.784 | 2558.519 | 2353.442 | 2281.311 |
| 40.0 | 2879.572 | 2766.426 | 2521.747 | 2319.498 | 2245.953 |
| 40.5 | 2844.214 | 2731.067 | 2486.389 | 2282.725 | 2210.595 |
| 41.0 | 2806.027 | 2695.709 | 2451.030 | 2248.781 | 2175.236 |
| 41.5 | 2770.669 | 2658.937 | 2414.258 | 2213.423 | 2141.293 |
| 42.0 | 2733.896 | 2622.164 | 2380.314 | 2179.479 | 2105.934 |
| 42.5 | 2697.123 | 2583.977 | 2343.541 | 2144.121 | 2071.990 |
| 43.0 | 2661.765 | 2544.376 | 2311.012 | 2110.177 | 2036.632 |
| 43.5 | 2623.578 | 2509.018 | 2275.654 | 2076.233 | 2001.274 |
| 44.0 | 2583.977 | 2473.660 | 2240.296 | 2042.290 | 1965.916 |
| 44.5 | 2542.962 | 2436.887 | 2206.352 | 2008.346 | 1930.558 |
| 45.0 | 2507.604 | 2401.529 | 2170.993 | 1974.402 | 1893.785 |
| 45.5 | 2472.245 | 2366.171 | 2137.050 | 1940.458 | 1858.427 |
| 46.0 | 2435.473 | 2330.813 | 2101.691 | 1905.100 | 1824.483 |
| 46.5 | 2398.700 | 2295.454 | 2067.748 | 1871.156 | 1789.125 |
| 47.0 | 2361.928 | 2260.096 | 2035.218 | 1835.798 | 1755.181 |
| 47.5 | 2326.570 | 2224.738 | 2001.274 | 1801.854 | 1721.237 |
| 48.0 | 2289.797 | 2189.380 | 1967.330 | 1766.496 | 1687.293 |
| 48.5 | 2254.439 | 2155.436 | 1933.386 | 1732.552 | 1653.349 |
| 49.0 | 2219.081 | 2120.078 | 1900.857 | 1698.608 | 1619.406 |
| 49.5 | 2182.308 | 2084.719 | 1866.913 | 1664.664 | 1586.876 |
| 50.0 | 2148.364 | 2050.776 | 1834.383 | 1632.134 | 1555.761 |
| 50.5 | 2113.006 | 2015.417 | 1801.854 | 1598.191 | 1523.231 |
| 51.0 | 2077.648 | 1981.473 | 1769.324 | 1565.661 | 1490.702 |
| 51.5 | 2042.290 | 1947.530 | 1736.795 | 1533.132 | 1459.586 |
| 52.0 | 2006.931 | 1913.586 | 1704.265 | 1500.602 | 1428.471 |
| 52.5 | 1972.988 | 1879.642 | 1671.736 | 1469.487 | 1397.073 |
| 53.0 | 1937.629 | 1847.112 | 1639.206 | 1436.957 | 1365.534 |
| 53.5 | 1902.271 | 1813.168 | 1606.677 | 1405.701 | 1336.964 |
| 54.0 | 1866.913 | 1779.225 | 1574.147 | 1374.444 | 1305.990 |
| 54.5 | 1832.969 | 1745.281 | 1540.203 | 1343.753 | 1276.290 |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 55.0 | 1797.611 | 1712.751 | 1507.674 | 1312.496 | 1247.437 |
| 55.5 | 1763.667 | 1680.222 | 1475.144 | 1282.371 | 1218.585 |
| 56.0 | 1728.309 | 1647.692 | 1441.200 | 1252.105 | 1189.450 |
| 56.5 | 1694.365 | 1613.748 | 1409.236 | 1222.687 | 1160.173 |
| 57.0 | 1659.007 | 1582.633 | 1377.131 | 1192.986 | 1132.170 |
| 57.5 | 1626.477 | 1550.103 | 1345.026 | 1163.992 | 1103.883 |
| 58.0 | 1592.533 | 1517.574 | 1313.062 | 1135.140 | 1076.586 |
| 58.5 | 1557.175 | 1485.044 | 1281.805 | 1106.570 | 1048.866 |
| 59.0 | 1524.646 | 1452.515 | 1250.266 | 1078.425 | 1021.428 |
| 59.5 | 1490.702 | 1421.400 | 1219.009 | 1050.280 | 994.838  |
| 60.0 | 1458.172 | 1389.436 | 1188.318 | 1022.983 | 968.815  |
| 60.5 | 1424.228 | 1358.321 | 1158.193 | 995.263  | 942.367  |
| 61.0 | 1391.416 | 1327.064 | 1128.068 | 967.825  | 916.626  |
| 61.5 | 1358.603 | 1295.949 | 1097.943 | 940.952  | 891.592  |
| 62.0 | 1325.932 | 1264.834 | 1067.959 | 915.212  | 866.276  |
| 62.5 | 1293.969 | 1234.425 | 1038.258 | 889.047  | 841.101  |
| 63.0 | 1262.005 | 1204.159 | 1008.982 | 863.023  | 816.774  |
| 63.5 | 1230.748 | 1174.175 | 979.705  | 837.424  | 793.014  |
| 64.0 | 1198.502 | 1144.050 | 950.994  | 812.249  | 768.546  |
| 64.5 | 1167.103 | 1114.349 | 922.425  | 787.215  | 744.927  |
| 65.0 | 1136.130 | 1084.507 | 893.997  | 762.606  | 721.590  |
| 65.5 | 1105.014 | 1054.947 | 865.852  | 737.996  | 698.254  |
| 66.0 | 1074.465 | 1026.095 | 837.989  | 714.094  | 675.200  |
| 66.5 | 1044.198 | 996.960  | 810.693  | 689.909  | 652.712  |
| 67.0 | 1013.507 | 967.825  | 783.113  | 666.290  | 630.366  |
| 67.5 | 983.382  | 939.114  | 756.383  | 642.953  | 607.878  |
| 68.0 | 953.823  | 909.837  | 729.228  | 619.759  | 585.956  |
| 68.5 | 924.122  | 880.419  | 703.204  | 597.129  | 564.175  |
| 69.0 | 894.704  | 850.435  | 677.180  | 574.359  | 542.678  |
| 69.5 | 865.427  | 821.300  | 651.439  | 552.154  | 521.746  |
| 70.0 | 836.009  | 792.024  | 625.982  | 530.232  | 500.248  |
| 70.5 | 806.874  | 762.747  | 600.807  | 508.451  | 479.881  |
| 71.0 | 777.880  | 733.895  | 575.914  | 486.812  | 459.232  |
| 71.5 | 749.735  | 705.467  | 551.446  | 465.738  | 438.583  |
| 72.0 | 722.014  | 677.322  | 527.403  | 444.523  | 418.358  |
| 72.5 | 693.586  | 649.884  | 503.642  | 423.874  | 398.416  |
| 73.0 | 666.007  | 622.304  | 480.306  | 403.366  | 379.040  |
| 73.5 | 638.286  | 594.866  | 457.394  | 383.000  | 359.381  |
| 74.0 | 611.555  | 568.418  | 434.764  | 363.482  | 340.570  |
| 74.5 | 584.683  | 541.970  | 412.559  | 343.540  | 321.760  |
| 75.0 | 558.235  | 515.664  | 390.355  | 324.164  | 303.232  |
| 75.5 | 531.929  | 490.206  | 368.857  | 305.071  | 285.411  |
| 76.0 | 506.612  | 464.748  | 347.783  | 286.684  | 267.591  |
| 76.5 | 481.437  | 440.139  | 326.851  | 268.581  | 250.477  |
| 77.0 | 456.545  | 415.247  | 306.485  | 250.619  | 234.071  |
| 77.5 | 432.219  | 391.062  | 286.401  | 233.364  | 217.665  |
| 78.0 | 408.034  | 367.301  | 266.601  | 216.534  | 201.683  |
| 78.5 | 384.556  | 343.965  | 246.942  | 200.127  | 186.126  |
| 79.0 | 361.361  | 320.911  | 227.990  | 184.004  | 170.851  |
| 79.5 | 339.014  | 298.140  | 209.603  | 168.446  | 155.718  |
| 80.0 | 316.951  | 275.935  | 191.783  | 153.313  | 141.150  |
| 80.5 | 295.312  | 254.155  | 174.528  | 138.180  | 126.582  |
| 81.0 | 273.955  | 232.657  | 158.122  | 123.471  | 112.439  |
| 81.5 | 253.165  | 211.866  | 141.999  | 108.903  | 98.013   |
| 82.0 | 232.940  | 191.783  | 126.724  | 94.901   | 83.728   |
| 82.5 | 213.281  | 172.265  | 111.732  | 80.475   | 68.595   |

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**CANDELA TABULATION - (Cont.)**

|       |         |         |        |        |        |
|-------|---------|---------|--------|--------|--------|
| 83.0  | 194.187 | 153.313 | 97.023 | 65.766 | 52.330 |
| 83.5  | 175.660 | 134.927 | 82.880 | 49.501 | 34.934 |
| 84.0  | 157.698 | 117.531 | 69.019 | 32.954 | 27.014 |
| 84.5  | 140.443 | 100.842 | 55.017 | 25.175 | 23.902 |
| 85.0  | 123.754 | 85.001  | 39.177 | 22.064 | 21.215 |
| 85.5  | 107.772 | 70.151  | 23.761 | 19.376 | 18.669 |
| 86.0  | 92.356  | 56.007  | 18.669 | 16.689 | 16.123 |
| 86.5  | 77.364  | 42.713  | 15.840 | 14.143 | 13.578 |
| 87.0  | 63.362  | 29.701  | 13.153 | 11.739 | 11.173 |
| 87.5  | 49.926  | 15.699  | 10.466 | 9.193  | 8.910  |
| 88.0  | 37.338  | 9.900   | 8.062  | 6.930  | 6.506  |
| 88.5  | 25.741  | 7.355   | 5.657  | 4.809  | 4.526  |
| 89.0  | 15.699  | 4.809   | 3.394  | 2.829  | 2.687  |
| 89.5  | 7.072   | 2.546   | 1.697  | 1.414  | 1.131  |
| 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-6-L16-830-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-6-L16-830-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-6-L16-830-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-6-L16-830-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 1595.58 | N.A.  | 16.70  |
| 0-30    | 3248.19 | N.A.  | 34.10  |
| 0-40    | 5061.38 | N.A.  | 53.10  |
| 0-60    | 8103.7  | N.A.  | 85.00  |
| 0-80    | 9458.47 | N.A.  | 99.20  |
| 0-90    | 9539.14 | N.A.  | 100.00 |
| 10-90   | 9114.35 | N.A.  | 95.50  |
| 20-40   | 3465.8  | N.A.  | 36.30  |
| 20-50   | 5153.09 | N.A.  | 54.00  |
| 40-70   | 3953.15 | N.A.  | 41.40  |
| 60-80   | 1354.77 | N.A.  | 14.20  |
| 70-80   | 443.94  | N.A.  | 4.70   |
| 80-90   | 80.67   | 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   | 9539.14 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 424.79  |
| 10-20   | 1170.79 |
| 20-30   | 1652.61 |
| 30-40   | 1813.19 |
| 40-50   | 1687.29 |
| 50-60   | 1355.03 |
| 60-70   | 910.83  |
| 70-80   | 443.94  |
| 80-90   | 80.67   |
| 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-6-L16-830-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-6-L16-830-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

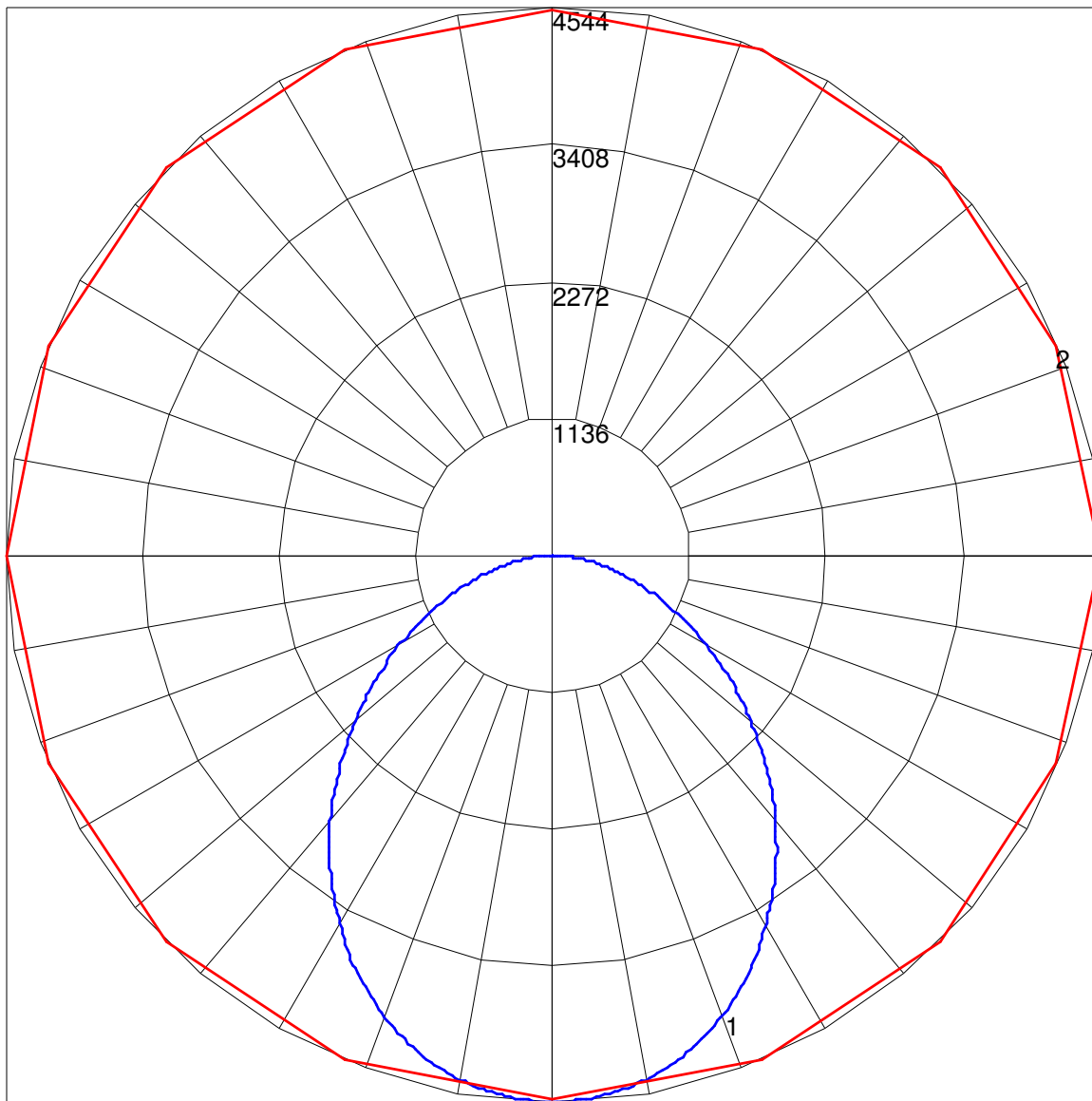
Reflectances

|                |    |    |    |    |    |    |    |    |    |    |
|----------------|----|----|----|----|----|----|----|----|----|----|
| 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 | 23.0                 | 24.5 | 23.4 | 24.9 | 25.2 | 20.9               | 22.4 | 21.2 | 22.7 | 23.0 |
|           | 3H   | 24.6                 | 26.0 | 25.0 | 26.3 | 26.7 | 22.1               | 23.5 | 22.5 | 23.8 | 24.2 |
|           | 4H   | 25.2                 | 26.5 | 25.6 | 26.8 | 27.2 | 22.5               | 23.8 | 22.9 | 24.2 | 24.5 |
|           | 6H   | 25.5                 | 26.7 | 25.9 | 27.1 | 27.5 | 22.7               | 23.9 | 23.1 | 24.3 | 24.6 |
|           | 8H   | 25.6                 | 26.8 | 26.1 | 27.2 | 27.6 | 22.7               | 23.8 | 23.1 | 24.2 | 24.6 |
|           | 12H  | 25.7                 | 26.8 | 26.1 | 27.2 | 27.6 | 22.7               | 23.8 | 23.1 | 24.2 | 24.6 |
| 4H        | 2H   | 23.3                 | 24.6 | 23.7 | 25.0 | 25.3 | 21.6               | 22.9 | 22.0 | 23.2 | 23.6 |
|           | 3H   | 25.1                 | 26.2 | 25.6 | 26.6 | 27.0 | 23.0               | 24.1 | 23.4 | 24.5 | 24.9 |
|           | 4H   | 25.8                 | 26.8 | 26.3 | 27.2 | 27.6 | 23.5               | 24.4 | 23.9 | 24.9 | 25.3 |
|           | 6H   | 26.3                 | 27.2 | 26.8 | 27.6 | 28.1 | 23.7               | 24.6 | 24.2 | 25.0 | 25.5 |
|           | 8H   | 26.4                 | 27.2 | 26.9 | 27.7 | 28.1 | 23.7               | 24.5 | 24.2 | 25.0 | 25.4 |
|           | 12H  | 26.5                 | 27.2 | 27.0 | 27.7 | 28.2 | 23.7               | 24.4 | 24.2 | 24.9 | 25.4 |
| 8H        | 4H   | 25.9                 | 26.7 | 26.4 | 27.1 | 27.6 | 23.8               | 24.5 | 24.2 | 25.0 | 25.5 |
|           | 6H   | 26.5                 | 27.1 | 27.0 | 27.6 | 28.1 | 24.1               | 24.7 | 24.6 | 25.2 | 25.7 |
|           | 8H   | 26.7                 | 27.2 | 27.2 | 27.8 | 28.2 | 24.1               | 24.7 | 24.6 | 25.2 | 25.7 |
|           | 12H  | 26.8                 | 27.3 | 27.3 | 27.8 | 28.4 | 24.1               | 24.6 | 24.6 | 25.1 | 25.7 |
| 12H       | 4H   | 25.9                 | 26.6 | 26.4 | 27.1 | 27.5 | 23.8               | 24.5 | 24.3 | 25.0 | 25.4 |
|           | 6H   | 26.5                 | 27.1 | 27.0 | 27.5 | 28.1 | 24.1               | 24.7 | 24.7 | 25.2 | 25.7 |
|           | 8H   | 26.7                 | 27.2 | 27.2 | 27.7 | 28.2 | 24.2               | 24.7 | 24.7 | 25.2 | 25.7 |

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 4544.236 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.)