

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L26-930-CA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155668.03

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-08-07

[TEST DATE] 3/17/2026

[MANUFAC] H E Williams Inc

[LUMCAT] CMR4AEG-L26-930-CA-DIM-UNV (A&E)

[LUMINAIRE] 2' x 4' multi-function recessed troffer with door frame; door

[MORE] frame has arrangement of curved diffused acrylic lenses

[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                | 8165            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 97              |
| Total Luminaire Watts           | 84.6            |
| Ballast Factor                  | 1.00            |
| CIE Type                        | Direct          |
| Spacing Criterion (0-180)       | 1.22            |
| Spacing Criterion (90-270)      | 1.18            |
| Spacing Criterion (Diagonal)    | 1.32            |
| Basic Luminous Shape            | Rectangular     |
| Luminous Length (0-180)         | 3.75 ft         |
| Luminous Width (90-270)         | 1.75 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                  | 4498             | 4444              | 4426              |
| 55                  | 4107             | 4124              | 4158              |
| 65                  | 3535             | 3675              | 3739              |
| 75                  | 2529             | 2796              | 2827              |
| 85                  | 983              | 1194              | 1134              |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : CMR4AEG-L26-930-CA-DIM-UNV\_.IES**

**CANDELA TABULATION**

|      | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> |
|------|------------|-------------|-------------|-------------|-------------|
| 0.0  | 3231.803   | 3231.803    | 3231.803    | 3231.803    | 3231.803    |
| 0.5  | 3232.828   | 3229.974    | 3230.131    | 3226.945    | 3230.906    |
| 1.0  | 3236.801   | 3228.256    | 3233.900    | 3225.337    | 3237.354    |
| 1.5  | 3235.304   | 3226.537    | 3229.485    | 3224.155    | 3234.942    |
| 2.0  | 3234.121   | 3223.794    | 3227.073    | 3225.809    | 3233.853    |
| 2.5  | 3230.510   | 3221.318    | 3223.840    | 3221.505    | 3230.102    |
| 3.0  | 3228.413   | 3225.244    | 3224.912    | 3215.371    | 3225.133    |
| 3.5  | 3229.863   | 3223.572    | 3219.000    | 3216.018    | 3228.145    |
| 4.0  | 3224.440   | 3217.928    | 3216.885    | 3213.274    | 3225.780    |
| 4.5  | 3221.743   | 3218.196    | 3210.059    | 3207.566    | 3218.953    |
| 5.0  | 3218.779   | 3213.559    | 3210.863    | 3202.836    | 3216.728    |
| 5.5  | 3214.521   | 3209.366    | 3205.154    | 3204.001    | 3212.581    |
| 6.0  | 3210.705   | 3203.168    | 3199.667    | 3193.831    | 3208.544    |
| 6.5  | 3203.500   | 3196.120    | 3197.774    | 3191.780    | 3202.457    |
| 7.0  | 3201.607   | 3195.205    | 3188.944    | 3185.315    | 3193.534    |
| 7.5  | 3196.231   | 3189.072    | 3185.507    | 3177.999    | 3189.433    |
| 8.0  | 3190.522   | 3183.585    | 3181.785    | 3171.912    | 3180.760    |
| 8.5  | 3181.331   | 3175.290    | 3171.772    | 3161.742    | 3173.112    |
| 9.0  | 3177.498   | 3169.582    | 3164.660    | 3156.191    | 3168.207    |
| 9.5  | 3172.325   | 3163.716    | 3156.162    | 3150.150    | 3157.816    |
| 10.0 | 3163.291   | 3155.800    | 3150.564    | 3141.116    | 3149.079    |
| 10.5 | 3152.428   | 3148.642    | 3141.780    | 3132.553    | 3139.130    |
| 11.0 | 3141.250   | 3138.693    | 3134.039    | 3122.319    | 3133.783    |
| 11.5 | 3138.536   | 3132.338    | 3122.086    | 3113.646    | 3122.541    |
| 12.0 | 3130.998   | 3123.997    | 3115.085    | 3104.973    | 3110.477    |
| 12.5 | 3123.729   | 3112.802    | 3107.973    | 3094.046    | 3102.136    |
| 13.0 | 3111.101   | 3103.435    | 3095.974    | 3084.994    | 3092.374    |
| 13.5 | 3103.185   | 3094.069    | 3084.982    | 3072.080    | 3084.819    |
| 14.0 | 3093.172   | 3084.749    | 3076.152    | 3060.127    | 3071.952    |
| 14.5 | 3083.584   | 3073.018    | 3063.617    | 3051.233    | 3057.320    |
| 15.0 | 3071.806   | 3062.423    | 3051.553    | 3038.366    | 3045.303    |
| 15.5 | 3064.316   | 3048.594    | 3039.711    | 3025.388    | 3029.221    |
| 16.0 | 3049.794   | 3037.667    | 3028.452    | 3013.214    | 3022.184    |
| 16.5 | 3041.121   | 3026.740    | 3015.696    | 3001.419    | 3004.966    |
| 17.0 | 3028.475   | 3014.251    | 3004.390    | 2986.187    | 2994.779    |
| 17.5 | 3015.562   | 3001.873    | 2989.047    | 2972.563    | 2979.436    |
| 18.0 | 2999.858   | 2987.935    | 2976.448    | 2960.278    | 2963.068    |
| 18.5 | 2991.342   | 2978.883    | 2963.470    | 2944.936    | 2947.143    |
| 19.0 | 2975.417   | 2961.082    | 2946.899    | 2932.115    | 2932.808    |
| 19.5 | 2964.490   | 2948.640    | 2934.078    | 2916.930    | 2918.269    |
| 20.0 | 2946.846   | 2934.212    | 2918.310    | 2901.634    | 2900.451    |
| 20.5 | 2936.659   | 2919.470    | 2904.843    | 2886.448    | 2886.227    |
| 21.0 | 2914.839   | 2904.884    | 2887.514    | 2872.871    | 2871.356    |
| 21.5 | 2903.469   | 2890.724    | 2872.329    | 2854.895    | 2854.074    |
| 22.0 | 2889.734   | 2875.603    | 2856.183    | 2837.502    | 2839.739    |
| 22.5 | 2875.638   | 2858.810    | 2839.815    | 2821.938    | 2818.752    |
| 23.0 | 2856.701   | 2843.467    | 2825.212    | 2806.532    | 2807.586    |
| 23.5 | 2843.345   | 2827.589    | 2807.079    | 2788.603    | 2789.057    |
| 24.0 | 2827.956   | 2810.260    | 2790.869    | 2769.492    | 2771.396    |
| 24.5 | 2807.190   | 2793.735    | 2773.051    | 2753.281    | 2751.481    |
| 25.0 | 2792.226   | 2776.674    | 2756.147    | 2734.927    | 2735.271    |
| 25.5 | 2776.994   | 2759.881    | 2738.329    | 2718.495    | 2716.584    |
| 26.0 | 2760.044   | 2742.820    | 2719.864    | 2701.370    | 2699.127    |
| 26.5 | 2740.240   | 2725.112    | 2700.863    | 2681.344    | 2678.455    |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : CMR4AEG-L26-930-CA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 27.0 | 2724.250 | 2706.648 | 2685.993 | 2663.037 | 2659.769 |
| 27.5 | 2704.825 | 2688.136 | 2665.384 | 2645.155 | 2644.566 |
| 28.0 | 2685.241 | 2669.246 | 2644.130 | 2627.115 | 2621.593 |
| 28.5 | 2667.581 | 2651.160 | 2627.698 | 2607.893 | 2602.418 |
| 29.0 | 2647.776 | 2632.696 | 2606.979 | 2589.096 | 2586.679 |
| 29.5 | 2629.422 | 2612.513 | 2588.293 | 2567.084 | 2563.752 |
| 30.0 | 2610.911 | 2593.087 | 2568.803 | 2550.274 | 2545.427 |
| 30.5 | 2590.570 | 2575.158 | 2550.495 | 2530.516 | 2527.277 |
| 31.0 | 2572.374 | 2553.524 | 2530.470 | 2510.269 | 2504.351 |
| 31.5 | 2550.204 | 2534.524 | 2509.104 | 2490.022 | 2486.894 |
| 32.0 | 2532.386 | 2514.609 | 2488.432 | 2470.800 | 2466.804 |
| 32.5 | 2509.034 | 2493.133 | 2467.759 | 2452.003 | 2446.178 |
| 33.0 | 2490.191 | 2472.682 | 2449.341 | 2430.038 | 2423.945 |
| 33.5 | 2469.583 | 2451.584 | 2425.500 | 2408.293 | 2402.894 |
| 34.0 | 2448.596 | 2430.487 | 2405.900 | 2390.994 | 2383.450 |
| 34.5 | 2426.852 | 2409.010 | 2385.338 | 2368.335 | 2363.471 |
| 35.0 | 2405.218 | 2387.266 | 2363.641 | 2349.538 | 2344.564 |
| 35.5 | 2384.389 | 2365.365 | 2342.700 | 2327.684 | 2321.527 |
| 36.0 | 2362.755 | 2344.425 | 2321.381 | 2306.522 | 2300.948 |
| 36.5 | 2340.475 | 2322.034 | 2299.795 | 2286.007 | 2278.557 |
| 37.0 | 2317.817 | 2300.558 | 2277.672 | 2264.799 | 2257.395 |
| 37.5 | 2295.648 | 2277.631 | 2256.085 | 2244.062 | 2239.449 |
| 38.0 | 2271.003 | 2255.509 | 2234.387 | 2221.672 | 2215.876 |
| 38.5 | 2250.598 | 2232.582 | 2212.265 | 2202.228 | 2195.897 |
| 39.0 | 2226.868 | 2211.752 | 2190.142 | 2180.106 | 2173.174 |
| 39.5 | 2204.052 | 2187.375 | 2167.262 | 2159.480 | 2150.719 |
| 40.0 | 2179.454 | 2165.521 | 2145.407 | 2138.161 | 2129.936 |
| 40.5 | 2156.259 | 2141.680 | 2122.370 | 2114.745 | 2108.396 |
| 41.0 | 2133.601 | 2118.910 | 2100.783 | 2094.341 | 2084.555 |
| 41.5 | 2107.552 | 2094.959 | 2078.282 | 2072.643 | 2061.675 |
| 42.0 | 2084.468 | 2071.386 | 2055.245 | 2049.338 | 2039.977 |
| 42.5 | 2061.542 | 2046.898 | 2031.561 | 2028.019 | 2017.744 |
| 43.0 | 2036.786 | 2024.507 | 2010.621 | 2006.968 | 1997.922 |
| 43.5 | 2013.213 | 2000.398 | 1986.401 | 1983.820 | 1976.871 |
| 44.0 | 1989.372 | 1976.447 | 1963.900 | 1960.405 | 1953.455 |
| 44.5 | 1964.884 | 1952.874 | 1941.398 | 1939.621 | 1931.915 |
| 45.0 | 1941.043 | 1928.654 | 1917.715 | 1916.852 | 1910.060 |
| 45.5 | 1916.288 | 1903.898 | 1894.299 | 1896.069 | 1887.134 |
| 46.0 | 1890.997 | 1879.947 | 1870.994 | 1873.300 | 1865.704 |
| 46.5 | 1867.534 | 1856.484 | 1848.224 | 1850.641 | 1843.203 |
| 47.0 | 1844.765 | 1831.350 | 1824.541 | 1828.140 | 1820.434 |
| 47.5 | 1819.584 | 1806.595 | 1801.235 | 1804.346 | 1797.822 |
| 48.0 | 1794.986 | 1783.021 | 1777.016 | 1781.955 | 1775.542 |
| 48.5 | 1770.230 | 1758.155 | 1753.711 | 1757.735 | 1752.883 |
| 49.0 | 1745.475 | 1733.668 | 1730.563 | 1736.684 | 1730.760 |
| 49.5 | 1719.380 | 1708.912 | 1706.990 | 1713.222 | 1709.063 |
| 50.0 | 1694.781 | 1684.314 | 1683.306 | 1689.806 | 1686.783 |
| 50.5 | 1669.490 | 1660.584 | 1659.465 | 1667.683 | 1664.771 |
| 51.0 | 1643.820 | 1634.535 | 1635.245 | 1643.574 | 1640.283 |
| 51.5 | 1617.882 | 1608.754 | 1611.026 | 1619.465 | 1618.271 |
| 52.0 | 1592.101 | 1583.731 | 1587.831 | 1596.853 | 1594.698 |
| 52.5 | 1566.699 | 1559.622 | 1563.611 | 1575.220 | 1573.065 |
| 53.0 | 1540.872 | 1533.573 | 1540.038 | 1550.039 | 1548.577 |
| 53.5 | 1515.470 | 1509.085 | 1516.465 | 1527.270 | 1526.454 |
| 54.0 | 1488.506 | 1484.330 | 1491.331 | 1502.246 | 1502.188 |
| 54.5 | 1461.007 | 1457.635 | 1466.308 | 1478.405 | 1478.994 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : CMR4AEG-L26-930-CA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|
| 55.0 | 1437.702 | 1432.990 | 1443.381 | 1454.139 | 1455.531 |
| 55.5 | 1410.739 | 1406.941 | 1418.358 | 1430.945 | 1433.094 |
| 56.0 | 1384.423 | 1382.186 | 1395.163 | 1407.104 | 1408.985 |
| 56.5 | 1359.131 | 1357.052 | 1369.493 | 1383.105 | 1384.229 |
| 57.0 | 1333.193 | 1331.649 | 1345.384 | 1358.728 | 1361.635 |
| 57.5 | 1306.877 | 1306.894 | 1320.629 | 1333.169 | 1336.833 |
| 58.0 | 1280.292 | 1281.492 | 1295.984 | 1309.171 | 1311.763 |
| 58.5 | 1253.440 | 1255.175 | 1270.582 | 1285.440 | 1287.875 |
| 59.0 | 1228.416 | 1230.798 | 1246.473 | 1260.906 | 1265.281 |
| 59.5 | 1201.832 | 1204.214 | 1222.096 | 1236.640 | 1243.333 |
| 60.0 | 1174.600 | 1177.897 | 1197.183 | 1213.399 | 1219.288 |
| 60.5 | 1148.663 | 1152.606 | 1171.891 | 1188.975 | 1194.864 |
| 61.0 | 1122.591 | 1128.607 | 1148.540 | 1163.637 | 1169.526 |
| 61.5 | 1096.572 | 1101.644 | 1124.006 | 1138.189 | 1144.835 |
| 62.0 | 1069.880 | 1076.999 | 1099.629 | 1113.765 | 1119.072 |
| 62.5 | 1043.755 | 1050.794 | 1075.252 | 1088.159 | 1093.308 |
| 63.0 | 1019.703 | 1026.363 | 1049.960 | 1063.089 | 1068.081 |
| 63.5 | 992.851  | 1000.291 | 1025.047 | 1037.215 | 1042.475 |
| 64.0 | 965.998  | 973.626  | 998.952  | 1011.341 | 1016.444 |
| 64.5 | 939.092  | 947.527  | 973.125  | 985.338  | 990.422  |
| 65.0 | 911.700  | 921.456  | 947.676  | 959.455  | 964.391  |
| 65.5 | 884.821  | 895.464  | 922.560  | 934.967  | 937.953  |
| 66.0 | 857.942  | 869.236  | 896.844  | 909.472  | 912.865  |
| 66.5 | 831.009  | 843.412  | 871.201  | 883.311  | 886.565  |
| 67.0 | 804.194  | 817.491  | 845.290  | 857.289  | 859.675  |
| 67.5 | 777.632  | 791.522  | 819.306  | 830.270  | 833.635  |
| 68.0 | 750.661  | 765.693  | 793.392  | 804.045  | 807.520  |
| 68.5 | 724.078  | 739.837  | 767.990  | 778.143  | 781.073  |
| 69.0 | 697.473  | 714.385  | 742.357  | 751.834  | 754.681  |
| 69.5 | 671.531  | 688.890  | 716.927  | 725.939  | 727.817  |
| 70.0 | 645.981  | 663.788  | 691.047  | 699.459  | 701.240  |
| 70.5 | 620.275  | 638.552  | 665.329  | 672.715  | 674.945  |
| 71.0 | 594.332  | 613.434  | 639.805  | 646.471  | 648.886  |
| 71.5 | 569.266  | 588.445  | 614.493  | 620.868  | 623.172  |
| 72.0 | 543.883  | 563.780  | 589.600  | 595.324  | 597.545  |
| 72.5 | 519.076  | 539.298  | 564.363  | 569.970  | 571.557  |
| 73.0 | 494.688  | 515.154  | 539.568  | 544.524  | 544.659  |
| 73.5 | 470.182  | 491.098  | 514.526  | 519.138  | 519.032  |
| 74.0 | 446.402  | 467.418  | 489.898  | 493.661  | 494.121  |
| 74.5 | 422.848  | 443.948  | 465.524  | 468.699  | 469.841  |
| 75.0 | 399.446  | 420.812  | 441.672  | 444.308  | 446.553  |
| 75.5 | 376.345  | 398.016  | 418.014  | 421.157  | 423.626  |
| 76.0 | 353.712  | 375.440  | 394.683  | 398.480  | 400.096  |
| 76.5 | 331.806  | 353.537  | 371.262  | 374.974  | 378.027  |
| 77.0 | 310.205  | 331.882  | 348.335  | 351.609  | 353.780  |
| 77.5 | 289.096  | 310.787  | 325.915  | 330.112  | 328.158  |
| 78.0 | 268.432  | 289.935  | 304.081  | 307.208  | 302.348  |
| 78.5 | 248.313  | 269.627  | 283.115  | 283.156  | 278.424  |
| 79.0 | 228.753  | 249.787  | 263.058  | 259.659  | 256.027  |
| 79.5 | 209.860  | 230.415  | 242.063  | 237.866  | 234.857  |
| 80.0 | 191.866  | 211.770  | 222.366  | 217.095  | 214.305  |
| 80.5 | 174.238  | 193.750  | 204.274  | 197.289  | 194.866  |
| 81.0 | 157.443  | 176.134  | 184.985  | 178.310  | 176.357  |
| 81.5 | 141.171  | 159.362  | 166.153  | 160.508  | 158.593  |
| 82.0 | 125.916  | 143.748  | 148.932  | 143.642  | 140.708  |
| 82.5 | 111.495  | 128.440  | 132.776  | 126.993  | 122.930  |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : CMR4AEG-L26-930-CA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |        |         |         |         |         |
|-------|--------|---------|---------|---------|---------|
| 83.0  | 97.870 | 113.718 | 117.535 | 110.145 | 106.234 |
| 83.5  | 85.235 | 99.873  | 102.965 | 94.406  | 91.520  |
| 84.0  | 73.332 | 86.943  | 89.228  | 80.747  | 79.527  |
| 84.5  | 62.366 | 75.067  | 76.004  | 69.717  | 69.573  |
| 85.0  | 52.287 | 64.197  | 63.509  | 60.258  | 60.311  |
| 85.5  | 43.134 | 53.763  | 52.787  | 51.723  | 51.747  |
| 86.0  | 34.971 | 44.646  | 44.082  | 43.628  | 43.608  |
| 86.5  | 27.787 | 36.433  | 36.483  | 36.177  | 36.614  |
| 87.0  | 21.438 | 29.193  | 29.572  | 29.717  | 29.793  |
| 87.5  | 16.143 | 22.731  | 23.553  | 23.235  | 23.132  |
| 88.0  | 11.763 | 17.296  | 17.862  | 17.209  | 16.913  |
| 88.5  | 8.346  | 12.624  | 12.332  | 11.200  | 10.866  |
| 89.0  | 5.725  | 8.349   | 7.529   | 6.758   | 6.682   |
| 89.5  | 3.718  | 5.038   | 4.062   | 4.207   | 4.309   |
| 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 : CMR4AEG-L26-930-CA-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 : CMR4AEG-L26-930-CA-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 : CMR4AEG-L26-930-CA-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 : CMR4AEG-L26-930-CA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 1164.75 | N.A.  | 14.30  |
| 0-30    | 2434.53 | N.A.  | 29.80  |
| 0-40    | 3915.53 | N.A.  | 48.00  |
| 0-60    | 6688.51 | N.A.  | 81.90  |
| 0-80    | 8080.3  | N.A.  | 99.00  |
| 0-90    | 8164.53 | N.A.  | 100.00 |
| 10-90   | 7859.93 | N.A.  | 96.30  |
| 20-40   | 2750.78 | N.A.  | 33.70  |
| 20-50   | 4233.29 | N.A.  | 51.80  |
| 40-70   | 3703.62 | N.A.  | 45.40  |
| 60-80   | 1391.79 | N.A.  | 17.00  |
| 70-80   | 461.15  | N.A.  | 5.60   |
| 80-90   | 84.23   | 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   | 8164.53 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 304.59  |
| 10-20   | 860.16  |
| 20-30   | 1269.78 |
| 30-40   | 1481.00 |
| 40-50   | 1482.51 |
| 50-60   | 1290.47 |
| 60-70   | 930.64  |
| 70-80   | 461.15  |
| 80-90   | 84.23   |
| 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 : CMR4AEG-L26-930-CA-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  | 109 | 105 | 101 | 97  | 107 | 103 | 99  | 96  | 98  | 95  | 93  | 95  | 92  | 90  | 91  | 89  | 87  | 85  |
| 2  | 100 | 92  | 85  | 80  | 97  | 90  | 84  | 79  | 87  | 81  | 77  | 83  | 79  | 75  | 80  | 77  | 74  | 72  |
| 3  | 91  | 81  | 73  | 67  | 89  | 80  | 72  | 66  | 77  | 70  | 65  | 74  | 68  | 64  | 71  | 67  | 63  | 61  |
| 4  | 84  | 72  | 64  | 57  | 81  | 71  | 63  | 57  | 68  | 61  | 56  | 66  | 60  | 55  | 64  | 59  | 54  | 52  |
| 5  | 77  | 65  | 56  | 49  | 75  | 63  | 55  | 49  | 61  | 54  | 49  | 59  | 53  | 48  | 58  | 52  | 47  | 45  |
| 6  | 71  | 58  | 49  | 43  | 69  | 57  | 49  | 43  | 56  | 48  | 43  | 54  | 47  | 42  | 52  | 46  | 42  | 40  |
| 7  | 66  | 53  | 44  | 38  | 64  | 52  | 44  | 38  | 51  | 43  | 38  | 49  | 43  | 38  | 48  | 42  | 37  | 35  |
| 8  | 62  | 48  | 40  | 34  | 60  | 48  | 40  | 34  | 46  | 39  | 34  | 45  | 39  | 34  | 44  | 38  | 34  | 32  |
| 9  | 58  | 44  | 36  | 31  | 56  | 44  | 36  | 31  | 43  | 36  | 31  | 42  | 35  | 30  | 41  | 35  | 30  | 29  |
| 10 | 54  | 41  | 33  | 28  | 53  | 41  | 33  | 28  | 40  | 33  | 28  | 39  | 32  | 28  | 38  | 32  | 28  | 26  |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : CMR4AEG-L26-930-CA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

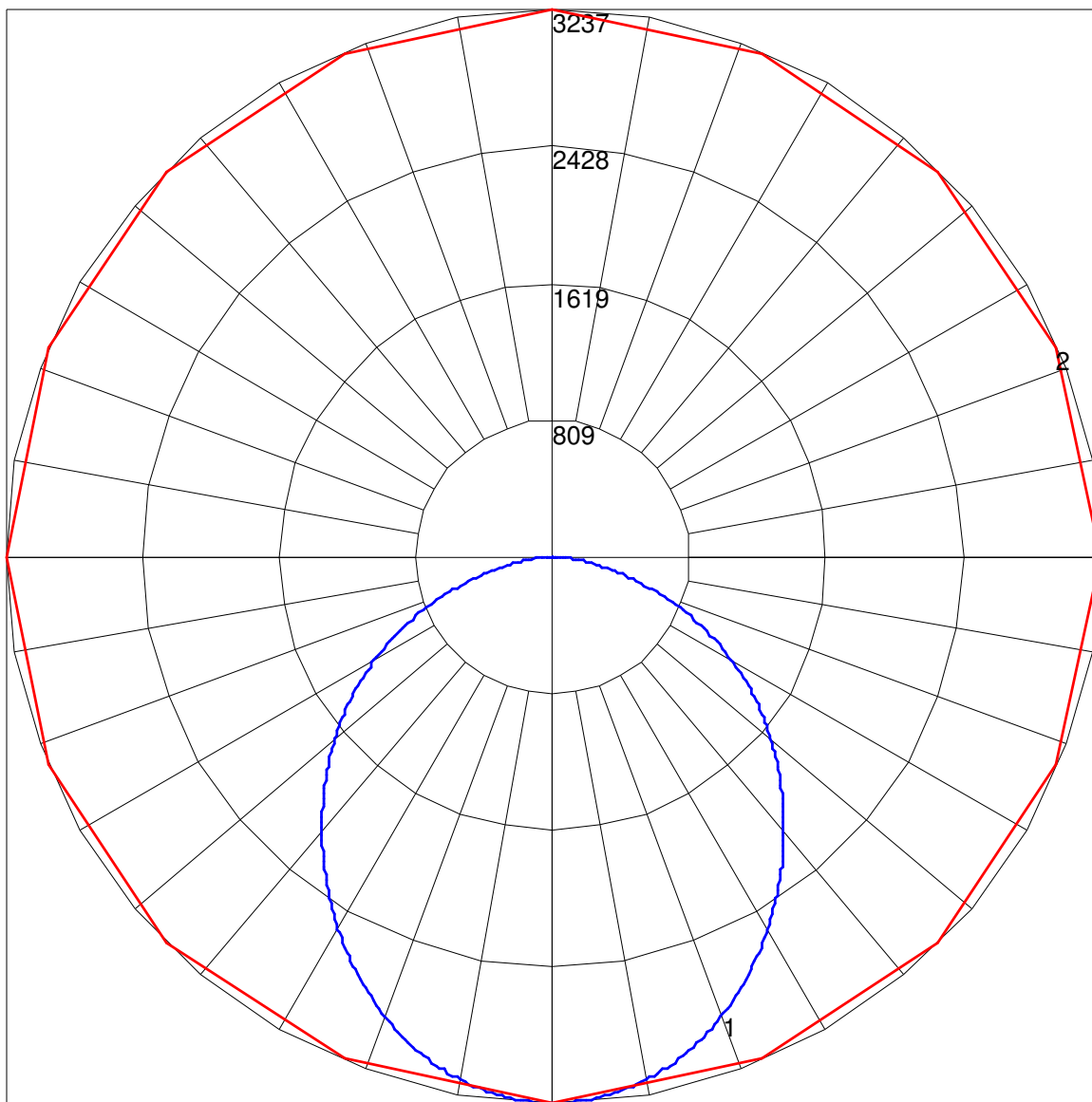
Reflectances

|                |    |    |    |    |    |    |    |    |    |    |
|----------------|----|----|----|----|----|----|----|----|----|----|
| 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 | 16.9                 | 18.5 | 17.3 | 18.8 | 19.1 | 17.0               | 18.6 | 17.4 | 19.0 | 19.3 |
|           | 3H   | 18.4                 | 19.9 | 18.8 | 20.2 | 20.6 | 18.7               | 20.1 | 19.1 | 20.5 | 20.8 |
|           | 4H   | 18.9                 | 20.3 | 19.3 | 20.6 | 21.0 | 19.2               | 20.6 | 19.6 | 20.9 | 21.3 |
|           | 6H   | 19.1                 | 20.4 | 19.6 | 20.8 | 21.2 | 19.5               | 20.7 | 19.9 | 21.1 | 21.5 |
|           | 8H   | 19.2                 | 20.4 | 19.6 | 20.8 | 21.2 | 19.5               | 20.7 | 20.0 | 21.1 | 21.5 |
|           | 12H  | 19.2                 | 20.3 | 19.6 | 20.7 | 21.1 | 19.5               | 20.7 | 20.0 | 21.1 | 21.5 |
| 4H        | 2H   | 17.5                 | 18.9 | 17.9 | 19.2 | 19.6 | 17.6               | 19.0 | 18.0 | 19.3 | 19.7 |
|           | 3H   | 19.2                 | 20.4 | 19.6 | 20.8 | 21.2 | 19.5               | 20.6 | 19.9 | 21.0 | 21.4 |
|           | 4H   | 19.8                 | 20.8 | 20.2 | 21.2 | 21.7 | 20.1               | 21.1 | 20.5 | 21.5 | 21.9 |
|           | 6H   | 20.1                 | 21.0 | 20.6 | 21.5 | 21.9 | 20.5               | 21.3 | 20.9 | 21.8 | 22.2 |
|           | 8H   | 20.2                 | 21.0 | 20.7 | 21.5 | 21.9 | 20.5               | 21.4 | 21.0 | 21.8 | 22.3 |
|           | 12H  | 20.2                 | 21.0 | 20.7 | 21.5 | 21.9 | 20.5               | 21.3 | 21.0 | 21.8 | 22.2 |
| 8H        | 4H   | 20.0                 | 20.9 | 20.5 | 21.3 | 21.8 | 20.3               | 21.1 | 20.8 | 21.6 | 22.0 |
|           | 6H   | 20.5                 | 21.2 | 21.0 | 21.6 | 22.1 | 20.7               | 21.4 | 21.2 | 21.9 | 22.4 |
|           | 8H   | 20.6                 | 21.2 | 21.1 | 21.7 | 22.2 | 20.8               | 21.5 | 21.3 | 22.0 | 22.4 |
|           | 12H  | 20.6                 | 21.2 | 21.1 | 21.6 | 22.2 | 20.9               | 21.4 | 21.4 | 21.9 | 22.5 |
| 12H       | 4H   | 20.0                 | 20.8 | 20.5 | 21.3 | 21.7 | 20.3               | 21.0 | 20.8 | 21.5 | 22.0 |
|           | 6H   | 20.5                 | 21.1 | 21.0 | 21.6 | 22.1 | 20.8               | 21.4 | 21.3 | 21.8 | 22.4 |
|           | 8H   | 20.6                 | 21.2 | 21.1 | 21.6 | 22.2 | 20.9               | 21.4 | 21.4 | 21.9 | 22.5 |

Maximum UGR = 22.5

POLAR GRAPH



Maximum Candela = 3237.354 Located At Horizontal Angle = 90, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)