

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L26-935-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-L26-935-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	8264
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
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 Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4553	4498	4480
55	4158	4174	4209
65	3578	3719	3785
75	2560	2830	2862
85	995	1209	1148

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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	3271.215	3271.215	3271.215	3271.215	3271.215
0.5	3272.253	3269.364	3269.523	3266.298	3270.307
1.0	3276.274	3267.625	3273.338	3264.671	3276.834
1.5	3274.759	3265.885	3268.869	3263.474	3274.393
2.0	3273.562	3263.108	3266.428	3265.148	3273.290
2.5	3269.906	3260.603	3263.155	3260.791	3269.494
3.0	3267.784	3264.576	3264.240	3254.583	3264.464
3.5	3269.252	3262.884	3258.256	3255.237	3267.512
4.0	3263.763	3257.171	3256.116	3252.460	3265.119
4.5	3261.033	3257.442	3249.206	3246.682	3258.209
5.0	3258.032	3252.749	3250.019	3241.895	3255.957
5.5	3253.722	3248.504	3244.241	3243.074	3251.759
6.0	3249.860	3242.231	3238.688	3232.780	3247.673
6.5	3242.567	3235.097	3236.771	3230.705	3241.512
7.0	3240.651	3234.171	3227.833	3224.160	3232.479
7.5	3235.209	3227.963	3224.355	3216.755	3228.329
8.0	3229.431	3222.409	3220.587	3210.594	3219.550
8.5	3220.127	3214.013	3210.452	3200.300	3211.808
9.0	3216.248	3208.235	3203.253	3194.681	3206.844
9.5	3211.012	3202.298	3194.651	3188.567	3196.326
10.0	3201.868	3194.286	3188.985	3179.422	3187.482
10.5	3190.872	3187.040	3180.094	3170.755	3177.412
11.0	3179.558	3176.970	3172.259	3160.396	3171.999
11.5	3176.810	3170.537	3160.161	3151.617	3160.620
12.0	3169.181	3162.094	3153.074	3142.838	3148.410
12.5	3161.823	3150.763	3145.875	3131.778	3139.967
13.0	3149.041	3141.282	3133.729	3122.616	3130.086
13.5	3141.028	3131.801	3122.604	3109.544	3122.439
14.0	3130.893	3122.368	3113.666	3097.446	3109.415
14.5	3121.189	3110.494	3100.978	3088.443	3094.604
15.0	3109.267	3099.769	3088.767	3075.419	3082.441
15.5	3101.685	3085.772	3076.781	3062.283	3066.163
16.0	3086.987	3074.712	3065.384	3049.961	3059.040
16.5	3078.208	3063.651	3052.472	3038.022	3041.612
17.0	3065.408	3051.010	3041.029	3022.604	3031.300
17.5	3052.337	3038.482	3025.499	3008.814	3015.771
18.0	3036.442	3024.373	3012.746	2996.379	2999.203
18.5	3027.822	3015.211	2999.610	2980.849	2983.084
19.0	3011.703	2997.193	2982.836	2967.873	2968.574
19.5	3000.642	2984.599	2969.860	2952.502	2953.858
20.0	2982.783	2969.995	2953.899	2937.019	2935.823
20.5	2972.472	2955.073	2940.268	2921.649	2921.425
21.0	2950.386	2940.310	2922.728	2907.906	2906.373
21.5	2938.877	2925.977	2907.357	2889.711	2888.880
22.0	2924.974	2910.671	2891.014	2872.106	2874.370
22.5	2910.706	2893.673	2874.447	2856.352	2853.127
23.0	2891.539	2878.144	2859.666	2840.758	2841.825
23.5	2878.020	2862.071	2841.312	2822.610	2823.070
24.0	2862.443	2844.531	2824.904	2803.266	2805.194
24.5	2841.424	2827.805	2806.868	2786.858	2785.036
25.0	2826.278	2810.536	2789.758	2768.280	2768.628
25.5	2810.860	2793.538	2771.723	2751.647	2749.714
26.0	2793.703	2776.269	2753.033	2734.314	2732.044
26.5	2773.657	2758.345	2733.801	2714.044	2711.119

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CANDELA TABULATION - (Cont.)

27.0	2757.473	2739.656	2718.749	2695.513	2692.205
27.5	2737.810	2720.918	2697.889	2677.413	2676.817
28.0	2717.988	2701.798	2676.375	2659.153	2653.564
28.5	2700.112	2683.492	2659.743	2639.697	2634.155
29.0	2680.066	2664.802	2638.771	2620.671	2618.224
29.5	2661.488	2644.372	2619.857	2598.390	2595.018
30.0	2642.751	2624.710	2600.130	2581.375	2576.469
30.5	2622.163	2606.562	2581.599	2561.376	2558.098
31.0	2603.744	2584.665	2561.329	2540.882	2534.892
31.5	2581.304	2565.433	2539.703	2520.388	2517.222
32.0	2563.269	2545.275	2518.778	2500.931	2496.887
32.5	2539.632	2523.537	2497.854	2481.906	2476.010
33.0	2520.559	2502.836	2479.211	2459.672	2453.505
33.5	2499.700	2481.481	2455.080	2437.663	2432.197
34.0	2478.457	2460.127	2435.240	2420.152	2412.517
34.5	2456.448	2438.389	2414.427	2397.217	2392.294
35.0	2434.550	2416.379	2392.465	2378.191	2373.156
35.5	2413.467	2394.211	2371.270	2356.070	2349.838
36.0	2391.570	2373.015	2349.691	2334.650	2329.008
36.5	2369.018	2350.351	2327.841	2313.885	2306.344
37.0	2346.083	2328.613	2305.448	2292.418	2284.924
37.5	2323.643	2305.407	2283.598	2271.429	2266.759
38.0	2298.698	2283.015	2261.636	2248.765	2242.899
38.5	2278.045	2259.809	2239.244	2229.085	2222.676
39.0	2254.025	2238.725	2216.851	2206.692	2199.676
39.5	2230.931	2214.051	2193.692	2185.815	2176.947
40.0	2206.033	2191.930	2171.571	2164.236	2155.911
40.5	2182.555	2167.798	2148.253	2140.535	2134.108
41.0	2159.620	2144.751	2126.403	2119.881	2109.976
41.5	2133.254	2120.507	2103.627	2097.919	2086.817
42.0	2109.889	2096.646	2080.309	2074.330	2064.855
42.5	2086.682	2071.860	2056.336	2052.751	2042.351
43.0	2061.625	2049.196	2035.140	2031.443	2022.287
43.5	2037.764	2024.793	2010.625	2008.013	2000.979
44.0	2013.633	2000.550	1987.850	1984.312	1977.278
44.5	1988.847	1976.689	1965.074	1963.275	1955.475
45.0	1964.715	1952.174	1941.101	1940.228	1933.354
45.5	1939.657	1927.117	1917.400	1919.192	1910.148
46.0	1914.057	1902.873	1893.811	1896.145	1888.457
46.5	1890.309	1879.124	1870.764	1873.210	1865.681
47.0	1867.262	1853.684	1846.791	1850.434	1842.634
47.5	1841.774	1828.626	1823.202	1826.350	1819.746
48.0	1816.876	1804.766	1798.687	1803.686	1797.195
48.5	1791.818	1779.596	1775.097	1779.171	1774.260
49.0	1766.761	1754.810	1751.667	1757.863	1751.867
49.5	1740.348	1729.753	1727.807	1734.115	1729.905
50.0	1715.449	1704.854	1703.834	1710.413	1707.353
50.5	1689.849	1680.835	1679.702	1688.021	1685.073
51.0	1663.866	1654.468	1655.187	1663.618	1660.287
51.5	1637.612	1628.373	1630.672	1639.215	1638.006
52.0	1611.517	1603.044	1607.195	1616.327	1614.146
52.5	1585.805	1578.641	1582.680	1594.430	1592.248
53.0	1559.663	1552.275	1558.819	1568.942	1567.462
53.5	1533.951	1527.489	1534.959	1545.895	1545.070
54.0	1506.659	1502.432	1509.518	1520.567	1520.507
54.5	1478.825	1475.411	1484.189	1496.435	1497.030

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55.0	1455.235	1450.465	1460.983	1471.873	1473.282
55.5	1427.943	1424.099	1435.655	1448.395	1450.571
56.0	1401.306	1399.042	1412.177	1424.263	1426.168
56.5	1375.706	1373.601	1386.194	1399.973	1401.110
57.0	1349.452	1347.889	1361.791	1375.298	1378.240
57.5	1322.814	1322.832	1336.734	1349.427	1353.136
58.0	1295.905	1297.120	1311.788	1325.136	1327.760
58.5	1268.725	1270.482	1286.076	1301.117	1303.581
59.0	1243.397	1245.808	1261.673	1276.283	1280.711
59.5	1216.488	1218.899	1236.999	1251.721	1258.495
60.0	1188.925	1192.262	1211.783	1228.197	1234.157
60.5	1162.671	1166.662	1186.183	1203.475	1209.436
61.0	1136.281	1142.371	1162.546	1177.828	1183.789
61.5	1109.945	1115.079	1137.713	1152.069	1158.796
62.0	1082.928	1090.134	1113.039	1127.348	1132.719
62.5	1056.484	1063.608	1088.365	1101.430	1106.641
63.0	1032.138	1038.880	1062.765	1076.054	1081.106
63.5	1004.959	1012.490	1037.548	1049.864	1055.188
64.0	977.779	985.500	1011.135	1023.675	1028.840
64.5	950.544	959.083	984.992	997.355	1002.500
65.0	922.819	932.693	959.233	971.156	976.152
65.5	895.611	906.384	933.811	946.369	949.392
66.0	868.404	879.836	907.781	920.563	923.997
66.5	841.143	853.697	881.825	894.083	897.377
67.0	814.001	827.460	855.599	867.744	870.159
67.5	787.115	801.174	829.297	840.395	843.801
68.0	759.816	775.030	803.068	813.850	817.368
68.5	732.909	748.859	777.355	787.632	790.598
69.0	705.979	723.097	751.410	761.003	763.885
69.5	679.720	697.291	725.670	734.792	736.693
70.0	653.859	671.883	699.474	707.989	709.792
70.5	627.839	646.339	673.443	680.919	683.176
71.0	601.580	620.915	647.608	654.355	656.799
71.5	576.208	595.621	621.987	628.439	630.772
72.0	550.516	570.655	596.790	602.584	604.832
72.5	525.406	545.874	571.246	576.921	578.527
73.0	500.721	521.437	546.148	551.165	551.301
73.5	475.915	497.087	520.800	525.469	525.362
74.0	451.846	473.118	495.872	499.681	500.147
74.5	428.005	449.362	471.201	474.415	475.571
75.0	404.317	425.944	447.058	449.727	451.999
75.5	380.934	402.870	423.111	426.293	428.792
76.0	358.025	380.018	399.497	403.340	404.976
76.5	335.852	357.849	375.789	379.547	382.637
77.0	313.988	335.930	352.583	355.897	358.095
77.5	292.621	314.577	329.889	334.137	332.160
78.0	271.706	293.471	307.789	310.954	306.035
78.5	251.341	272.915	286.567	286.609	281.820
79.0	231.542	252.833	266.266	262.826	259.150
79.5	212.419	233.225	245.015	240.766	237.721
80.0	194.206	214.353	225.077	219.743	216.918
80.5	176.362	196.113	206.765	199.695	197.242
81.0	159.363	178.281	187.241	180.484	178.507
81.5	142.893	161.306	168.179	162.466	160.527
82.0	127.452	145.501	150.748	145.394	142.424
82.5	112.855	130.006	134.395	128.542	124.429

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CANDELA TABULATION - (Cont.)

83.0	99.064	115.105	118.968	111.488	107.529
83.5	86.275	101.091	104.221	95.557	92.636
84.0	74.227	88.003	90.316	81.731	80.497
84.5	63.126	75.982	76.931	70.568	70.421
85.0	52.925	64.980	64.283	60.993	61.046
85.5	43.660	54.418	53.431	52.354	52.378
86.0	35.398	45.191	44.619	44.160	44.139
86.5	28.126	36.877	36.928	36.619	37.061
87.0	21.699	29.549	29.933	30.080	30.156
87.5	16.340	23.009	23.841	23.518	23.414
88.0	11.906	17.507	18.080	17.419	17.119
88.5	8.448	12.778	12.483	11.337	10.998
89.0	5.795	8.451	7.621	6.840	6.764
89.5	3.763	5.099	4.111	4.258	4.362
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

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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-L26-935-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-L26-935-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-L26-935-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1178.96	N.A.	14.30
0-30	2464.22	N.A.	29.80
0-40	3963.28	N.A.	48.00
0-60	6770.08	N.A.	81.90
0-80	8178.84	N.A.	99.00
0-90	8264.09	N.A.	100.00
10-90	7955.79	N.A.	96.30
20-40	2784.33	N.A.	33.70
20-50	4284.92	N.A.	51.80
40-70	3748.79	N.A.	45.40
60-80	1408.76	N.A.	17.00
70-80	466.77	N.A.	5.60
80-90	85.25	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	8264.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	308.31
10-20	870.65
20-30	1285.27
30-40	1499.06
40-50	1500.59
50-60	1306.21
60-70	941.99
70-80	466.77
80-90	85.25
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-L26-935-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	82	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	31	41	35	30	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

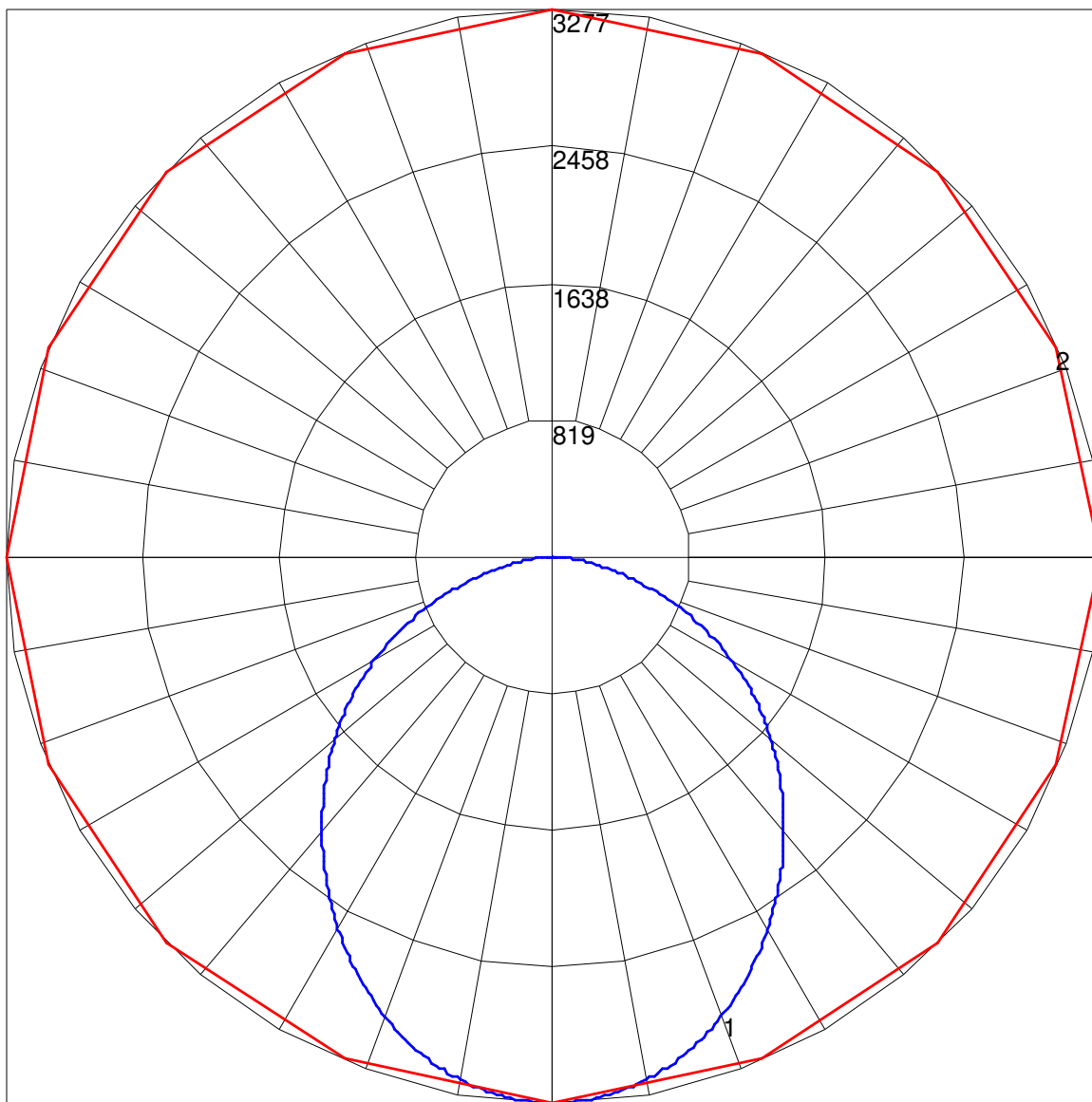
IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AEG-L26-935-CA-DIM-UNV_.IES

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 = 3276.834 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.)