

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-840-CA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155668.03

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-08-07

[TESTDATE] 3/17/2026

[MANUFAC] H E Williams Inc

[LUMCAT] CMR2AEG-L17-840-CA-DIM-UNV (A&E)

[LUMINAIRE] 2' x 2' 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	7285
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	64
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.75 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	9009	8322	7809
55	8038	7437	6887
65	6918	6345	5850
75	5439	4724	4194
85	3300	1336	802

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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	3214.839	3214.839	3214.839	3214.839	3214.839
0.5	3218.716	3210.303	3217.517	3216.975	3205.430
1.0	3219.273	3208.605	3217.956	3214.839	3207.244
1.5	3216.697	3206.088	3215.058	3211.941	3202.810
2.0	3215.439	3204.610	3212.263	3212.717	3202.108
2.5	3214.019	3202.532	3209.805	3208.562	3196.577
3.0	3211.722	3201.991	3208.225	3203.967	3194.236
3.5	3209.922	3199.752	3201.932	3199.050	3191.017
4.0	3204.610	3194.499	3200.630	3194.295	3184.403
4.5	3202.591	3191.441	3193.299	3188.120	3175.433
5.0	3201.172	3188.602	3189.861	3179.808	3172.112
5.5	3196.475	3183.188	3183.686	3177.146	3165.337
6.0	3191.660	3179.310	3176.632	3167.795	3157.303
6.5	3185.368	3172.857	3171.994	3160.040	3148.890
7.0	3181.549	3166.902	3164.561	3152.665	3135.983
7.5	3174.876	3160.668	3155.430	3141.076	3127.028
8.0	3169.521	3153.615	3148.714	3131.843	3116.156
8.5	3160.492	3146.620	3139.202	3120.034	3106.704
9.0	3155.034	3139.626	3131.008	3109.601	3096.271
9.5	3149.298	3132.792	3119.799	3099.827	3082.882
10.0	3140.108	3124.759	3109.907	3085.720	3071.908
10.5	3131.299	3116.287	3100.294	3072.771	3055.943
11.0	3119.534	3105.239	3087.007	3060.040	3043.169
11.5	3116.052	3097.425	3075.037	3046.710	3028.024
12.0	3110.257	3088.513	3063.127	3033.380	3013.216
12.5	3098.946	3078.563	3051.655	3017.094	2997.749
13.0	3084.064	3067.413	3037.768	3003.163	2983.717
13.5	3075.211	3054.624	3025.477	2986.599	2969.904
14.0	3064.061	3043.752	3011.488	2969.713	2952.798
14.5	3053.789	3030.084	2995.523	2954.802	2932.898
15.0	3040.663	3016.578	2982.354	2937.697	2915.909
15.5	3031.049	3003.072	2967.487	2919.391	2894.531
16.0	3016.445	2990.063	2954.157	2902.564	2882.972
16.5	3006.393	2976.235	2937.431	2885.517	2861.432
17.0	2991.687	2962.188	2919.726	2865.075	2843.244
17.5	2977.581	2947.701	2902.181	2846.769	2823.241
18.0	2962.538	2932.176	2885.295	2828.742	2801.819
18.5	2949.866	2919.065	2867.809	2807.920	2779.460
19.0	2934.062	2900.905	2847.908	2790.273	2761.052
19.5	2921.054	2886.316	2831.081	2769.290	2738.430
20.0	2902.733	2870.630	2811.838	2748.746	2716.349
20.5	2891.100	2854.446	2795.011	2728.582	2696.683
21.0	2869.647	2837.282	2773.910	2709.735	2676.198
21.5	2855.937	2820.995	2754.566	2686.996	2653.736
22.0	2841.348	2803.392	2734.724	2664.974	2633.690
22.5	2824.345	2785.189	2715.760	2643.390	2609.253
23.0	2805.204	2768.463	2697.133	2622.466	2589.924
23.5	2790.396	2750.479	2674.554	2600.824	2567.741
24.0	2770.934	2731.018	2654.610	2577.104	2545.499
24.5	2751.355	2712.215	2632.529	2555.521	2521.121
25.0	2733.591	2692.972	2612.306	2531.362	2498.718
25.5	2715.607	2673.950	2590.226	2509.838	2475.057
26.0	2696.745	2653.068	2568.145	2488.035	2453.752
26.5	2676.844	2633.826	2545.625	2464.096	2428.994

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27.0	2657.661	2613.384	2525.959	2441.035	2406.152
27.5	2636.721	2592.664	2501.302	2418.852	2385.345
28.0	2613.484	2571.344	2477.465	2396.010	2358.172
28.5	2592.881	2550.682	2457.580	2373.549	2335.169
29.0	2572.161	2530.240	2432.543	2350.327	2313.923
29.5	2552.099	2508.101	2410.520	2324.471	2287.028
30.0	2529.740	2485.522	2388.659	2303.166	2267.420
30.5	2508.581	2465.519	2366.417	2278.627	2244.198
31.0	2487.539	2442.721	2343.298	2254.746	2218.942
31.5	2465.940	2420.201	2318.261	2231.685	2197.637
32.0	2444.679	2397.461	2295.141	2207.585	2174.415
32.5	2421.003	2374.502	2271.202	2183.544	2150.754
33.0	2400.780	2351.324	2249.399	2159.605	2126.595
33.5	2377.762	2328.965	2224.742	2135.607	2102.876
34.0	2354.145	2304.967	2201.681	2114.141	2079.654
34.5	2331.786	2282.008	2178.122	2089.104	2057.632
35.0	2308.168	2258.829	2154.403	2066.701	2034.029
35.5	2286.848	2234.173	2130.244	2042.323	2008.392
36.0	2263.230	2211.653	2107.124	2018.223	1984.190
36.5	2239.613	2187.655	2082.965	1994.123	1960.192
37.0	2217.034	2163.876	2058.368	1968.106	1936.912
37.5	2192.158	2139.439	2035.848	1945.703	1917.085
38.0	2166.024	2116.481	2012.128	1921.705	1891.828
38.5	2143.943	2091.224	1987.530	1900.122	1869.806
39.0	2120.486	2067.446	1961.293	1875.524	1847.125
39.5	2094.791	2042.350	1936.315	1853.502	1824.664
40.0	2071.392	2018.791	1911.937	1831.202	1801.983
40.5	2046.736	1994.135	1887.939	1806.604	1779.742
41.0	2020.880	1970.356	1864.600	1784.523	1755.085
41.5	1996.004	1945.319	1840.221	1761.623	1732.565
42.0	1970.089	1920.063	1817.043	1738.225	1709.665
42.5	1944.832	1893.768	1792.225	1715.105	1687.145
43.0	1919.956	1867.311	1770.525	1693.024	1665.781
43.5	1893.880	1842.435	1746.088	1670.285	1642.881
44.0	1866.766	1818.218	1722.529	1647.326	1619.103
44.5	1838.831	1792.961	1699.790	1625.464	1596.861
45.0	1814.175	1768.524	1675.792	1602.505	1572.483
45.5	1789.299	1743.648	1652.833	1580.644	1548.046
46.0	1763.164	1719.431	1628.615	1556.866	1526.184
46.5	1737.469	1694.555	1605.656	1533.468	1502.625
47.0	1712.871	1669.898	1583.297	1509.909	1479.666
47.5	1687.117	1645.022	1559.899	1487.169	1457.366
48.0	1662.080	1620.585	1536.281	1463.171	1433.749
48.5	1637.204	1596.968	1512.883	1439.554	1410.350
49.0	1612.328	1572.311	1490.963	1417.473	1387.391
49.5	1585.535	1547.435	1467.346	1393.416	1366.130
50.0	1562.137	1524.037	1444.987	1371.277	1344.151
50.5	1536.821	1498.942	1421.969	1348.318	1321.573
51.0	1511.726	1474.885	1399.171	1325.080	1298.555
51.5	1486.411	1451.048	1376.373	1301.843	1276.796
52.0	1461.754	1426.772	1353.355	1280.362	1254.817
52.5	1437.698	1402.715	1330.557	1258.383	1232.674
53.0	1411.943	1379.478	1307.759	1234.268	1210.230
53.5	1387.067	1355.641	1284.961	1212.866	1190.385
54.0	1361.972	1331.584	1261.943	1190.147	1167.391
54.5	1337.257	1307.527	1237.667	1168.194	1146.012

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55.0	1313.039	1283.851	1214.869	1145.036	1124.905
55.5	1288.763	1260.614	1191.412	1123.411	1103.579
56.0	1263.667	1237.377	1167.575	1101.705	1082.308
56.5	1239.172	1213.540	1144.446	1079.831	1060.956
57.0	1213.856	1191.122	1121.454	1058.013	1039.462
57.5	1190.400	1167.885	1098.463	1036.166	1017.586
58.0	1165.904	1144.647	1075.114	1014.620	996.063
58.5	1140.369	1121.191	1052.615	993.458	974.734
59.0	1116.913	1097.734	1029.951	971.883	953.569
59.5	1092.417	1074.877	1007.232	950.527	932.895
60.0	1068.741	1051.748	984.401	929.444	911.890
60.5	1044.245	1028.891	962.118	907.675	890.859
61.0	1020.295	1005.952	939.835	885.851	870.019
61.5	996.389	983.315	917.112	864.794	849.588
62.0	972.543	960.458	895.131	844.173	828.115
62.5	949.041	937.791	873.313	822.867	806.723
63.0	925.648	915.602	851.521	802.082	786.263
63.5	902.490	893.291	829.510	780.884	766.350
64.0	878.758	870.942	807.387	759.932	745.149
64.5	855.474	848.772	785.566	739.062	724.659
65.0	832.567	826.543	763.608	718.218	704.114
65.5	809.469	804.544	742.033	698.252	683.130
66.0	786.698	782.866	720.182	677.818	663.626
66.5	764.048	761.091	698.879	656.781	643.353
67.0	741.195	739.184	677.193	636.292	622.942
67.5	718.824	717.588	655.779	615.307	602.669
68.0	696.605	695.621	633.965	594.844	582.504
68.5	674.304	673.550	612.960	574.708	562.202
69.0	652.255	651.217	591.714	554.052	541.843
69.5	630.354	629.287	570.852	534.008	521.637
70.0	608.480	607.386	549.889	513.755	501.499
70.5	586.749	585.375	528.959	493.475	481.928
71.0	565.011	563.654	508.193	473.473	462.281
71.5	544.007	542.178	487.475	453.954	442.546
72.0	523.095	520.866	467.135	434.242	422.969
72.5	501.926	500.008	446.783	414.749	403.578
73.0	481.382	479.134	426.720	395.316	384.405
73.5	460.711	458.254	406.860	375.854	365.156
74.0	440.680	437.991	387.185	356.863	346.508
74.5	420.698	417.795	367.647	337.889	327.795
75.0	400.875	397.636	348.218	319.287	309.157
75.5	381.221	378.035	329.199	300.805	290.908
76.0	362.207	358.456	310.535	282.644	272.482
76.5	343.340	339.390	291.932	264.604	254.445
77.0	324.835	320.205	273.744	246.602	236.992
77.5	306.636	301.517	255.764	229.163	219.738
78.0	288.672	283.009	238.057	212.035	202.575
78.5	271.140	264.768	220.455	195.220	185.615
79.0	253.860	246.758	203.371	178.546	168.533
79.5	237.247	228.977	186.748	162.112	151.796
80.0	220.952	211.590	170.562	145.968	135.629
80.5	204.990	194.536	154.747	129.978	119.790
81.0	189.346	177.712	139.556	114.541	104.483
81.5	174.139	161.408	124.639	99.515	89.518
82.0	159.458	145.667	110.367	85.212	75.117
82.5	145.258	130.452	96.390	71.212	61.212

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CANDELA TABULATION - (Cont.)

83.0	131.561	115.673	82.797	57.839	47.486
83.5	118.368	101.465	69.817	44.420	34.092
84.0	105.679	88.049	57.418	31.693	26.935
84.5	93.530	75.219	45.464	24.772	23.068
85.0	81.907	63.121	33.148	20.993	19.909
85.5	70.870	51.795	21.735	17.900	17.139
86.0	60.335	41.164	16.897	15.113	14.610
86.5	50.267	31.288	13.853	12.673	12.279
87.0	40.925	21.950	11.243	10.489	10.118
87.5	32.087	12.410	8.940	8.312	8.170
88.0	23.960	8.041	6.910	6.408	6.184
88.5	16.560	5.864	5.012	4.652	4.532
89.0	10.237	3.906	3.262	3.044	3.006
89.5	4.865	2.265	1.927	1.829	1.643
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 : CMR2AEG-L17-840-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 : CMR2AEG-L17-840-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 : CMR2AEG-L17-840-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1139.55	N.A.	15.60
0-30	2341.46	N.A.	32.10
0-40	3693.02	N.A.	50.70
0-60	6080.34	N.A.	83.50
0-80	7220.36	N.A.	99.10
0-90	7284.83	N.A.	100.00
10-90	6983.23	N.A.	95.90
20-40	2553.46	N.A.	35.10
20-50	3853.39	N.A.	52.90
40-70	3149.2	N.A.	43.20
60-80	1140.01	N.A.	15.60
70-80	378.14	N.A.	5.20
80-90	64.48	N.A.	0.90
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	7284.83	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	301.60
10-20	837.95
20-30	1201.9
30-40	1351.56
40-50	1299.92
50-60	1087.41
60-70	761.87
70-80	378.14
80-90	64.48
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 : CMR2AEG-L17-840-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	110	105	101	98	107	103	100	96	99	96	93	95	93	90	91	90	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	90	81	73	68	78	72	67	75	70	65	72	68	64	62
4	85	73	65	59	82	72	64	58	69	63	57	67	61	57	65	60	56	54
5	78	66	57	51	76	65	57	51	63	56	50	61	54	50	59	53	49	47
6	72	60	51	45	71	59	51	45	57	50	44	55	49	44	54	48	44	42
7	67	54	46	40	66	53	45	40	52	45	39	51	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	41	36	47	40	35	45	39	35	33
9	59	46	38	32	57	45	38	32	44	37	32	43	37	32	42	36	32	30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2AEG-L17-840-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

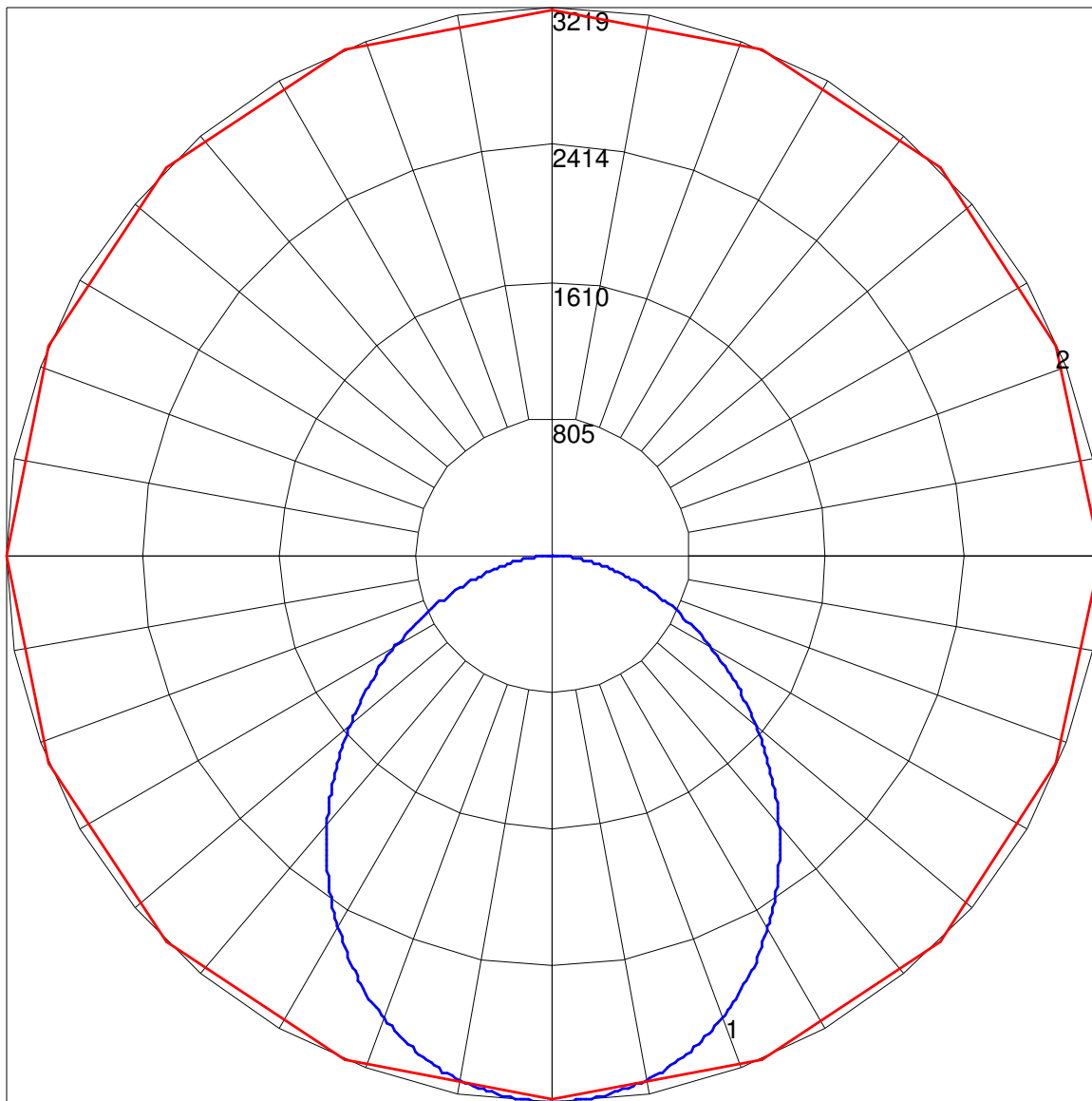
Reflectances

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	19.2	20.8	19.6	21.1	21.4	18.3	19.9	18.7	20.2	20.5
	3H	20.8	22.2	21.2	22.6	22.9	19.8	21.2	20.2	21.6	21.9
	4H	21.4	22.7	21.8	23.0	23.4	20.3	21.6	20.7	21.9	22.3
	6H	21.7	22.9	22.1	23.3	23.7	20.5	21.7	20.9	22.1	22.5
	8H	21.8	23.0	22.2	23.3	23.7	20.5	21.7	20.9	22.1	22.5
	12H	21.8	23.0	22.3	23.3	23.8	20.5	21.6	20.9	22.0	22.4
4H	2H	19.7	21.0	20.1	21.4	21.7	19.0	20.3	19.4	20.6	21.0
	3H	21.5	22.6	21.9	23.0	23.4	20.7	21.8	21.1	22.2	22.6
	4H	22.2	23.2	22.6	23.6	24.0	21.2	22.2	21.6	22.6	23.0
	6H	22.6	23.5	23.1	23.9	24.4	21.5	22.3	21.9	22.8	23.2
	8H	22.7	23.5	23.2	24.0	24.5	21.5	22.3	22.0	22.7	23.2
	12H	22.8	23.5	23.3	24.0	24.5	21.5	22.2	22.0	22.7	23.1
8H	4H	22.3	23.1	22.8	23.6	24.0	21.4	22.2	21.9	22.7	23.1
	6H	22.9	23.5	23.4	24.0	24.5	21.8	22.4	22.3	22.9	23.4
	8H	23.0	23.6	23.5	24.1	24.6	21.8	22.4	22.3	22.9	23.4
	12H	23.1	23.7	23.7	24.2	24.7	21.8	22.3	22.3	22.8	23.4
12H	4H	22.3	23.0	22.8	23.5	24.0	21.4	22.2	21.9	22.6	23.1
	6H	22.9	23.5	23.4	23.9	24.5	21.8	22.4	22.3	22.9	23.4
	8H	23.1	23.6	23.6	24.1	24.6	21.9	22.4	22.4	22.9	23.5

Maximum UGR = 24.7

POLAR GRAPH



Maximum Candela = 3219.273 Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)