

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-835-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] CMR2AEG-L17-835-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	7073
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
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	8747	8080	7581
55	7804	7221	6686
65	6716	6160	5680
75	5280	4587	4072
85	3204	1297	779

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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	3121.203	3121.203	3121.203	3121.203	3121.203
0.5	3124.967	3116.799	3123.802	3123.277	3112.068
1.0	3125.508	3115.151	3124.229	3121.203	3113.830
1.5	3123.007	3112.707	3121.416	3118.390	3109.525
2.0	3121.785	3111.272	3118.702	3119.143	3108.843
2.5	3120.407	3109.255	3116.315	3115.108	3103.473
3.0	3118.177	3108.729	3114.781	3110.647	3101.200
3.5	3116.429	3106.556	3108.672	3105.874	3098.075
4.0	3111.272	3101.455	3107.408	3101.257	3091.653
4.5	3109.312	3098.486	3100.290	3095.262	3082.944
5.0	3107.934	3095.730	3096.952	3087.192	3079.720
5.5	3103.373	3090.474	3090.957	3084.607	3073.142
6.0	3098.699	3086.709	3084.109	3075.529	3065.343
6.5	3092.590	3080.444	3079.606	3068.000	3057.174
7.0	3088.883	3074.662	3072.389	3060.840	3044.644
7.5	3082.404	3068.610	3063.524	3049.588	3035.950
8.0	3077.205	3061.762	3057.003	3040.624	3025.394
8.5	3068.439	3054.971	3047.769	3029.159	3016.217
9.0	3063.140	3048.181	3039.814	3019.030	3006.088
9.5	3057.571	3041.546	3028.931	3009.540	2993.089
10.0	3048.649	3033.747	3019.328	2995.845	2982.435
10.5	3040.096	3025.521	3009.994	2983.272	2966.935
11.0	3028.674	3014.795	2997.094	2970.913	2954.533
11.5	3025.293	3007.208	2985.473	2957.971	2939.829
12.0	3019.667	2998.557	2973.909	2945.029	2925.452
12.5	3008.686	2988.896	2962.772	2929.217	2910.436
13.0	2994.237	2978.071	2949.289	2915.693	2896.813
13.5	2985.642	2965.654	2937.356	2899.611	2883.402
14.0	2974.817	2955.099	2923.775	2883.216	2866.795
14.5	2964.844	2941.830	2908.275	2868.740	2847.473
15.0	2952.100	2928.717	2895.489	2852.133	2830.980
15.5	2942.766	2915.604	2881.055	2834.361	2810.224
16.0	2928.588	2902.974	2868.113	2818.023	2799.002
16.5	2918.828	2889.549	2851.875	2801.473	2778.089
17.0	2904.550	2875.910	2834.685	2781.626	2760.431
17.5	2890.855	2861.846	2817.652	2763.854	2741.011
18.0	2876.250	2846.772	2801.257	2746.352	2720.212
18.5	2863.948	2834.044	2784.281	2726.136	2698.505
19.0	2848.604	2816.413	2764.959	2709.003	2680.633
19.5	2835.974	2802.249	2748.622	2688.631	2658.670
20.0	2818.187	2787.019	2729.940	2668.685	2637.232
20.5	2806.893	2771.307	2713.603	2649.109	2618.139
21.0	2786.065	2754.642	2693.117	2630.811	2598.250
21.5	2772.754	2738.830	2674.336	2608.734	2576.443
22.0	2758.590	2721.740	2655.072	2587.353	2556.981
22.5	2742.082	2704.067	2636.660	2566.398	2533.255
23.0	2723.499	2687.828	2618.575	2546.083	2514.489
23.5	2709.123	2670.368	2596.654	2525.072	2492.952
24.0	2690.228	2651.473	2577.291	2502.043	2471.358
24.5	2671.219	2633.218	2555.853	2481.089	2447.690
25.0	2653.972	2614.536	2536.220	2457.633	2425.940
25.5	2636.512	2596.067	2514.782	2436.736	2402.968
26.0	2618.199	2575.795	2493.344	2415.568	2382.284
26.5	2598.878	2557.113	2471.480	2392.326	2358.246

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CANDELA TABULATION - (Cont.)

27.0	2580.253	2537.266	2452.387	2369.937	2336.070
27.5	2559.923	2517.149	2428.449	2348.400	2315.869
28.0	2537.363	2496.450	2405.306	2326.224	2289.487
28.5	2517.360	2476.390	2386.000	2304.417	2267.155
29.0	2497.243	2456.544	2361.692	2281.871	2246.527
29.5	2477.766	2435.049	2340.311	2256.768	2220.415
30.0	2456.058	2413.128	2319.086	2236.084	2201.379
30.5	2435.515	2393.708	2297.493	2212.259	2178.833
31.0	2415.086	2371.574	2275.046	2189.074	2154.313
31.5	2394.117	2349.710	2250.739	2166.685	2133.628
32.0	2373.475	2327.632	2228.292	2143.287	2111.083
32.5	2350.488	2305.342	2205.050	2119.945	2088.111
33.0	2330.854	2282.839	2183.883	2096.703	2064.656
33.5	2308.507	2261.131	2159.944	2073.404	2041.627
34.0	2285.578	2237.832	2137.555	2052.564	2019.081
34.5	2263.870	2215.542	2114.682	2028.256	1997.700
35.0	2240.940	2193.038	2091.653	2006.506	1974.786
35.5	2220.241	2169.100	2068.198	1982.838	1949.896
36.0	2197.311	2147.236	2045.752	1959.440	1926.398
36.5	2174.381	2123.937	2022.296	1936.042	1903.099
37.0	2152.460	2100.851	1998.415	1910.782	1880.497
37.5	2128.309	2077.126	1976.551	1889.032	1861.247
38.0	2102.936	2054.835	1953.522	1865.733	1836.727
38.5	2081.498	2030.315	1929.641	1844.779	1815.346
39.0	2058.724	2007.229	1904.168	1820.898	1793.326
39.5	2033.777	1982.864	1879.918	1799.517	1771.519
40.0	2011.061	1959.991	1856.249	1777.866	1749.498
40.5	1987.122	1936.053	1832.950	1753.985	1727.905
41.0	1962.019	1912.967	1810.291	1732.547	1703.966
41.5	1937.868	1888.660	1786.623	1710.313	1682.102
42.0	1912.707	1864.139	1764.119	1687.597	1659.869
42.5	1888.187	1838.609	1740.025	1665.150	1638.005
43.0	1864.035	1812.924	1718.956	1643.713	1617.264
43.5	1838.719	1788.772	1695.231	1621.636	1595.030
44.0	1812.394	1765.260	1672.358	1599.345	1571.944
44.5	1785.273	1740.739	1650.281	1578.121	1550.350
45.0	1761.335	1717.014	1626.982	1555.830	1526.682
45.5	1737.183	1692.863	1604.692	1534.606	1502.957
46.0	1711.810	1669.350	1581.180	1511.520	1481.732
46.5	1686.863	1645.199	1558.890	1488.803	1458.860
47.0	1662.981	1621.261	1537.182	1465.931	1436.569
47.5	1637.977	1597.109	1514.465	1443.854	1414.919
48.0	1613.670	1573.384	1491.535	1420.555	1391.989
48.5	1589.518	1550.454	1468.819	1397.625	1369.272
49.0	1565.367	1526.516	1447.537	1376.187	1346.982
49.5	1539.354	1502.364	1424.608	1352.831	1326.340
50.0	1516.637	1479.648	1402.900	1331.337	1305.001
50.5	1492.060	1455.283	1380.552	1309.046	1283.080
51.0	1467.695	1431.927	1358.418	1286.486	1260.733
51.5	1443.117	1408.784	1336.284	1263.925	1239.608
52.0	1419.179	1385.215	1313.937	1243.070	1218.269
52.5	1395.823	1361.859	1291.803	1221.732	1196.771
53.0	1370.819	1339.299	1269.669	1198.319	1174.981
53.5	1346.667	1316.156	1247.534	1177.540	1155.714
54.0	1322.303	1292.800	1225.187	1155.482	1133.389
54.5	1298.307	1269.444	1201.618	1134.169	1112.633

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55.0	1274.795	1246.457	1179.484	1111.685	1092.141
55.5	1251.226	1223.897	1156.710	1090.691	1071.436
56.0	1226.861	1201.337	1133.568	1069.616	1050.785
56.5	1203.079	1178.194	1111.112	1048.380	1030.054
57.0	1178.501	1156.429	1088.791	1027.197	1009.187
57.5	1155.728	1133.868	1066.469	1005.986	987.947
58.0	1131.946	1111.308	1043.800	985.068	967.052
58.5	1107.155	1088.535	1021.956	964.522	946.344
59.0	1084.381	1065.761	999.952	943.575	925.795
59.5	1060.599	1043.570	977.895	922.842	905.723
60.0	1037.612	1021.115	955.729	902.372	885.330
60.5	1013.830	998.923	934.095	881.238	864.912
61.0	990.578	976.653	912.461	860.050	844.678
61.5	967.368	954.675	890.400	839.606	824.842
62.0	944.217	932.484	869.059	819.585	803.995
62.5	921.399	910.477	847.876	798.900	783.227
63.0	898.688	888.934	826.719	778.720	763.362
63.5	876.204	867.273	805.349	758.140	744.029
64.0	853.163	845.574	783.871	737.798	723.446
64.5	830.557	824.051	762.686	717.536	703.553
65.0	808.318	802.469	741.367	697.299	683.606
65.5	785.892	781.111	720.420	677.915	663.233
66.0	763.785	760.064	699.206	658.076	644.297
66.5	741.794	738.923	678.524	637.652	624.615
67.0	719.607	717.654	657.469	617.759	604.798
67.5	697.888	696.687	636.678	597.386	585.116
68.0	676.316	675.360	615.500	577.518	565.538
68.5	654.664	653.932	595.107	557.969	545.827
69.0	633.258	632.249	574.480	537.914	526.061
69.5	611.994	610.959	554.225	518.454	506.444
70.0	590.758	589.695	533.873	498.791	486.892
70.5	569.659	568.325	513.553	479.102	467.891
71.0	548.555	547.236	493.391	459.683	448.816
71.5	528.162	526.386	473.277	440.732	429.656
72.0	507.859	505.695	453.529	421.595	410.649
72.5	487.307	485.445	433.770	402.669	391.823
73.0	467.361	465.179	414.292	383.802	373.209
73.5	447.292	444.907	395.010	364.907	354.520
74.0	427.844	425.234	375.908	346.469	336.416
74.5	408.445	405.626	356.939	328.048	318.247
75.0	389.199	386.054	338.076	309.987	300.153
75.5	370.117	367.024	319.610	292.043	282.434
76.0	351.657	348.015	301.491	274.412	264.546
76.5	333.340	329.505	283.429	256.897	247.034
77.0	315.374	310.878	265.771	239.419	230.090
77.5	297.705	292.735	248.314	222.488	213.338
78.0	280.264	274.766	231.123	205.860	196.675
78.5	263.243	257.057	214.034	189.534	180.208
79.0	246.466	239.571	197.448	173.346	163.624
79.5	230.337	222.308	181.309	157.391	147.375
80.0	214.516	205.427	165.594	141.717	131.678
80.5	199.019	188.870	150.240	126.192	116.301
81.0	183.831	172.536	135.491	111.205	101.440
81.5	169.067	156.707	121.009	96.617	86.910
82.0	154.813	141.424	107.152	82.730	72.929
82.5	141.027	126.652	93.583	69.138	59.429

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CANDELA TABULATION - (Cont.)

83.0	127.729	112.304	80.386	56.154	46.103
83.5	114.921	98.509	67.784	43.126	33.099
84.0	102.600	85.484	55.746	30.770	26.150
84.5	90.806	73.028	44.140	24.050	22.397
85.0	79.522	61.283	32.182	20.382	19.329
85.5	68.805	50.287	21.102	17.378	16.640
86.0	58.578	39.965	16.405	14.673	14.185
86.5	48.802	30.377	13.450	12.303	11.921
87.0	39.733	21.310	10.915	10.184	9.823
87.5	31.152	12.049	8.679	8.070	7.932
88.0	23.262	7.807	6.709	6.221	6.004
88.5	16.078	5.693	4.866	4.517	4.400
89.0	9.939	3.792	3.167	2.955	2.918
89.5	4.724	2.199	1.871	1.776	1.596
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-L17-835-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-L17-835-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-L17-835-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1106.36	N.A.	15.60
0-30	2273.26	N.A.	32.10
0-40	3585.45	N.A.	50.70
0-60	5903.25	N.A.	83.50
0-80	7010.05	N.A.	99.10
0-90	7072.65	N.A.	100.00
10-90	6779.83	N.A.	95.90
20-40	2479.09	N.A.	35.10
20-50	3741.15	N.A.	52.90
40-70	3057.48	N.A.	43.20
60-80	1106.81	N.A.	15.60
70-80	367.12	N.A.	5.20
80-90	62.60	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	7072.65	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	292.82
10-20	813.54
20-30	1166.9
30-40	1312.19
40-50	1262.06
50-60	1055.73
60-70	739.68
70-80	367.12
80-90	62.60
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-L17-835-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-L17-835-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

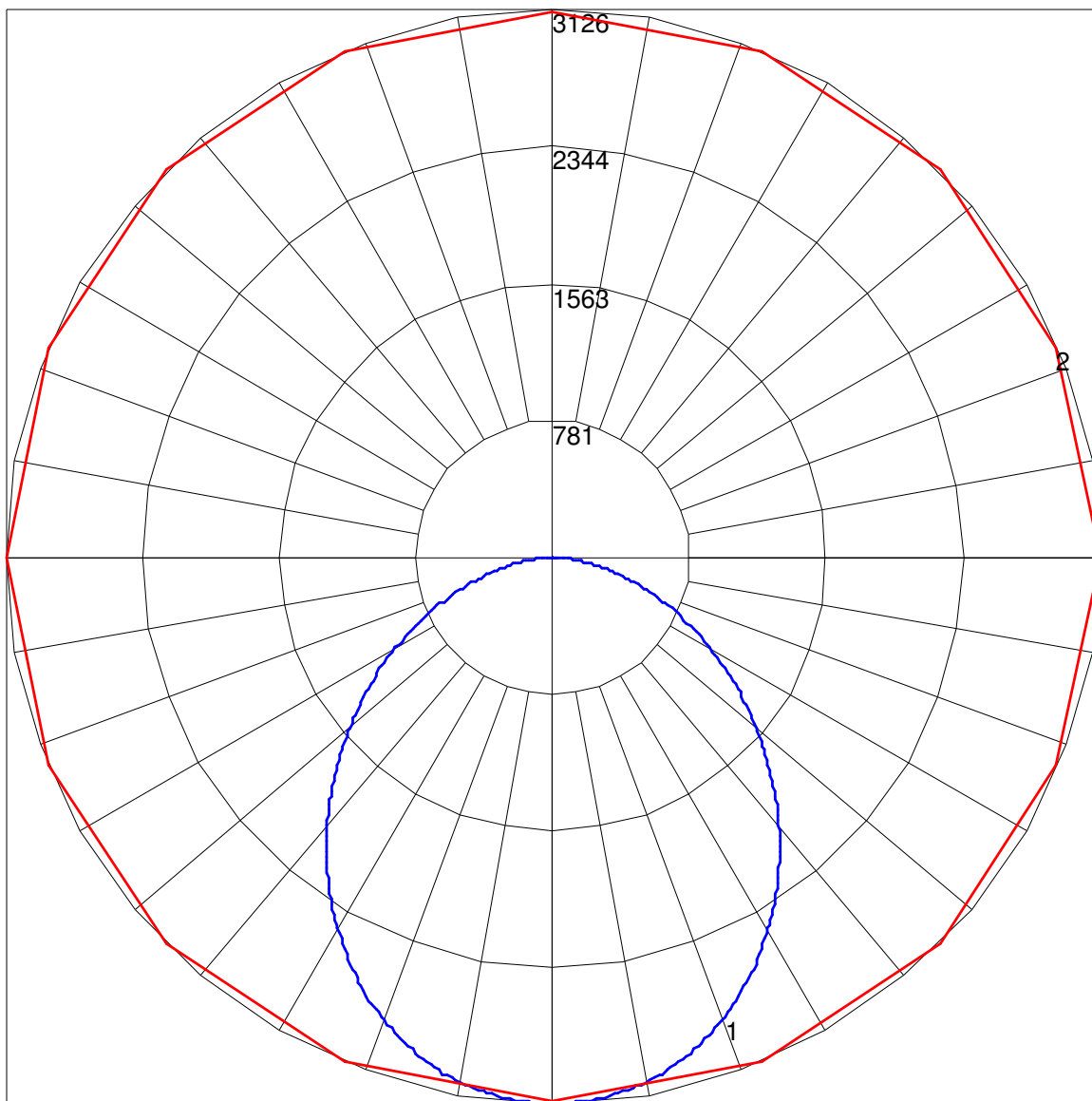
Reflectances

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	19.1	20.7	19.5	21.0	21.3	18.2	19.8	18.6	20.1	20.4
	3H	20.7	22.1	21.1	22.5	22.8	19.7	21.1	20.1	21.5	21.8
	4H	21.3	22.6	21.7	22.9	23.3	20.2	21.5	20.6	21.8	22.2
	6H	21.6	22.8	22.0	23.2	23.6	20.4	21.6	20.8	22.0	22.4
	8H	21.7	22.9	22.1	23.2	23.6	20.4	21.6	20.8	22.0	22.4
	12H	21.7	22.9	22.2	23.2	23.7	20.4	21.5	20.8	21.9	22.3
4H	2H	19.6	20.9	20.0	21.3	21.6	18.9	20.2	19.3	20.5	20.9
	3H	21.4	22.5	21.8	22.9	23.3	20.6	21.7	21.0	22.0	22.5
	4H	22.1	23.0	22.5	23.5	23.9	21.1	22.1	21.5	22.5	22.9
	6H	22.5	23.4	23.0	23.8	24.3	21.4	22.2	21.8	22.7	23.1
	8H	22.6	23.4	23.1	23.9	24.4	21.4	22.2	21.8	22.6	23.1
	12H	22.7	23.4	23.2	23.9	24.4	21.4	22.1	21.9	22.6	23.0
8H	4H	22.2	23.0	22.7	23.5	23.9	21.3	22.1	21.8	22.6	23.0
	6H	22.8	23.4	23.3	23.9	24.4	21.7	22.3	22.2	22.8	23.3
	8H	22.9	23.5	23.4	24.0	24.5	21.7	22.3	22.2	22.8	23.3
	12H	23.0	23.6	23.6	24.1	24.6	21.7	22.2	22.2	22.7	23.3
12H	4H	22.2	22.9	22.7	23.4	23.9	21.3	22.1	21.8	22.5	23.0
	6H	22.8	23.4	23.3	23.8	24.4	21.7	22.3	22.2	22.8	23.3
	8H	23.0	23.5	23.5	24.0	24.5	21.8	22.3	22.3	22.8	23.4

Maximum UGR = 24.6

POLAR GRAPH



Maximum Candela = 3125.508 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.)