

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-830-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-L17-830-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	7002
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
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	8659	7999	7506
55	7726	7149	6619
65	6649	6098	5623
75	5228	4541	4032
85	3172	1284	771

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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	3089.991	3089.991	3089.991	3089.991	3089.991
0.5	3093.718	3085.631	3092.564	3092.044	3080.947
1.0	3094.253	3083.999	3092.986	3089.991	3082.691
1.5	3091.777	3081.580	3090.202	3087.206	3078.429
2.0	3090.567	3080.159	3087.515	3087.952	3077.755
2.5	3089.203	3078.162	3085.152	3083.957	3072.438
3.0	3086.995	3077.642	3083.633	3079.541	3070.188
3.5	3085.265	3075.490	3077.585	3074.815	3067.094
4.0	3080.159	3070.441	3076.334	3070.244	3060.737
4.5	3078.218	3067.501	3069.287	3064.309	3052.115
5.0	3076.854	3064.773	3065.983	3056.320	3048.923
5.5	3072.340	3059.569	3060.047	3053.761	3042.411
6.0	3067.712	3055.842	3053.268	3044.774	3034.690
6.5	3061.664	3049.639	3048.810	3037.320	3026.603
7.0	3057.994	3043.915	3041.665	3030.231	3014.197
7.5	3051.580	3037.924	3032.889	3019.092	3005.590
8.0	3046.432	3031.144	3026.433	3010.218	2995.141
8.5	3037.754	3024.422	3017.291	2998.868	2986.055
9.0	3032.509	3017.699	3009.415	2988.840	2976.027
9.5	3026.995	3011.131	2998.642	2979.445	2963.158
10.0	3018.163	3003.409	2989.134	2965.887	2952.610
10.5	3009.695	2995.266	2979.894	2953.440	2937.266
11.0	2998.387	2984.647	2967.123	2941.204	2924.988
11.5	2995.040	2977.136	2955.619	2928.391	2910.431
12.0	2989.471	2968.571	2944.170	2915.579	2896.198
12.5	2978.599	2959.007	2933.144	2899.925	2881.332
13.0	2964.294	2948.290	2919.796	2886.536	2867.844
13.5	2955.786	2935.997	2907.982	2870.615	2854.568
14.0	2945.068	2925.548	2894.537	2854.384	2838.127
14.5	2935.195	2912.411	2879.192	2840.053	2818.999
15.0	2922.579	2899.429	2866.534	2823.611	2802.670
15.5	2913.339	2886.448	2852.245	2806.017	2782.122
16.0	2899.302	2873.944	2839.432	2789.843	2771.012
16.5	2889.640	2860.653	2823.356	2773.458	2750.309
17.0	2875.505	2847.151	2806.338	2753.810	2732.827
17.5	2861.946	2833.227	2789.475	2736.215	2713.601
18.0	2847.488	2818.305	2773.245	2718.888	2693.010
18.5	2835.308	2805.703	2756.438	2698.874	2671.520
19.0	2820.118	2788.249	2737.310	2681.913	2653.827
19.5	2807.615	2774.226	2721.136	2661.745	2632.083
20.0	2790.005	2759.149	2702.641	2641.998	2610.860
20.5	2778.824	2743.594	2686.467	2622.617	2591.958
21.0	2758.205	2727.096	2666.186	2604.503	2572.268
21.5	2745.027	2711.442	2647.593	2582.646	2550.679
22.0	2731.004	2694.522	2628.521	2561.479	2531.411
22.5	2714.661	2677.026	2610.293	2540.734	2507.923
23.0	2696.264	2660.950	2592.390	2520.623	2489.344
23.5	2682.031	2643.665	2570.688	2499.821	2468.023
24.0	2663.325	2624.959	2551.518	2477.023	2446.645
24.5	2644.506	2606.886	2530.295	2456.278	2423.213
25.0	2627.432	2588.391	2510.858	2433.057	2401.681
25.5	2610.147	2570.107	2489.634	2412.369	2378.939
26.0	2592.017	2550.037	2468.411	2391.413	2358.461
26.5	2572.889	2531.542	2446.766	2368.403	2334.664

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CANDELA TABULATION - (Cont.)

27.0	2554.451	2511.893	2427.863	2346.238	2312.709
27.5	2534.324	2491.978	2404.164	2324.916	2292.710
28.0	2511.989	2471.486	2381.253	2302.961	2266.592
28.5	2492.187	2451.627	2362.140	2281.373	2244.483
29.0	2472.271	2431.978	2338.075	2259.052	2224.062
29.5	2452.988	2410.699	2316.908	2234.200	2198.211
30.0	2431.498	2388.997	2295.896	2213.723	2179.365
30.5	2411.160	2369.771	2274.518	2190.137	2157.045
31.0	2390.935	2347.858	2252.296	2167.183	2132.769
31.5	2370.176	2326.212	2228.231	2145.018	2112.292
32.0	2349.740	2304.356	2206.009	2121.854	2089.972
32.5	2326.983	2282.289	2183.000	2098.746	2067.230
33.0	2307.546	2260.010	2162.044	2075.736	2044.009
33.5	2285.422	2238.520	2138.345	2052.670	2021.211
34.0	2262.722	2215.454	2116.179	2032.038	1998.890
34.5	2241.231	2193.386	2093.535	2007.974	1977.723
35.0	2218.531	2171.108	2070.737	1986.441	1955.038
35.5	2198.038	2147.409	2047.516	1963.010	1930.397
36.0	2175.338	2125.763	2025.294	1939.845	1907.134
36.5	2152.638	2102.697	2002.074	1916.681	1884.068
37.0	2130.936	2079.842	1978.431	1891.675	1861.692
37.5	2107.026	2056.354	1956.786	1870.142	1842.635
38.0	2081.906	2034.287	1933.987	1847.076	1818.359
38.5	2060.683	2010.012	1910.344	1826.331	1797.192
39.0	2038.137	1987.157	1885.127	1802.689	1775.392
39.5	2013.439	1963.036	1861.119	1781.522	1753.803
40.0	1990.950	1940.392	1837.687	1760.087	1732.003
40.5	1967.251	1916.693	1814.621	1736.445	1710.626
41.0	1942.399	1893.838	1792.188	1715.221	1686.927
41.5	1918.489	1869.773	1768.756	1693.210	1665.281
42.0	1893.580	1845.497	1746.478	1670.721	1643.270
42.5	1869.305	1820.223	1722.624	1648.499	1621.625
43.0	1845.395	1794.794	1701.767	1627.276	1601.091
43.5	1820.332	1770.884	1678.279	1605.419	1579.080
44.0	1794.270	1747.607	1655.635	1583.352	1556.225
44.5	1767.420	1723.332	1633.778	1562.340	1534.847
45.0	1743.721	1699.844	1610.712	1540.272	1511.415
45.5	1719.811	1675.934	1588.645	1519.260	1487.927
46.0	1694.692	1652.657	1565.368	1496.405	1466.915
46.5	1669.994	1628.747	1543.301	1473.915	1444.271
47.0	1646.352	1605.048	1521.810	1451.271	1422.204
47.5	1621.598	1581.138	1499.320	1429.415	1400.769
48.0	1597.533	1557.650	1476.620	1406.349	1378.069
48.5	1573.623	1534.950	1454.131	1383.649	1355.580
49.0	1549.713	1511.251	1433.062	1362.425	1333.512
49.5	1523.960	1487.341	1410.361	1339.303	1313.076
50.0	1501.471	1464.851	1388.871	1318.023	1291.951
50.5	1477.139	1440.730	1366.747	1295.956	1270.249
51.0	1453.018	1417.608	1344.834	1273.621	1248.126
51.5	1428.686	1394.696	1322.921	1251.286	1227.211
52.0	1404.987	1371.363	1300.798	1230.639	1206.086
52.5	1381.865	1348.241	1278.885	1209.514	1184.804
53.0	1357.111	1325.906	1256.972	1186.335	1163.231
53.5	1333.201	1302.994	1235.059	1165.764	1144.157
54.0	1309.080	1279.872	1212.935	1143.927	1122.055
54.5	1285.324	1256.750	1189.602	1122.828	1101.506

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55.0	1262.047	1233.993	1167.689	1100.569	1081.219
55.5	1238.714	1211.658	1145.143	1079.784	1060.721
56.0	1214.593	1189.323	1122.232	1058.920	1040.277
56.5	1191.048	1166.412	1100.001	1037.896	1019.753
57.0	1166.716	1144.865	1077.903	1016.925	999.095
57.5	1144.171	1122.530	1055.804	995.926	978.068
58.0	1120.626	1100.195	1033.362	975.217	957.381
58.5	1096.083	1077.649	1011.736	954.877	936.880
59.0	1073.537	1055.103	989.953	934.140	916.537
59.5	1049.993	1033.134	968.116	913.613	896.666
60.0	1027.236	1010.903	946.172	893.349	876.477
60.5	1003.692	988.934	924.754	872.426	856.263
61.0	980.672	966.886	903.336	851.449	836.231
61.5	957.694	945.128	881.496	831.210	816.594
62.0	934.774	923.159	860.368	811.389	795.955
62.5	912.185	901.372	839.398	790.911	775.394
63.0	889.701	880.045	818.452	770.933	755.729
63.5	867.442	858.600	797.296	750.558	736.589
64.0	844.632	837.119	776.033	730.420	716.211
64.5	822.252	815.810	755.059	710.360	696.517
65.0	800.235	794.445	733.953	690.326	676.770
65.5	778.033	773.300	713.216	671.136	656.600
66.0	756.147	752.464	692.214	651.495	637.854
66.5	734.376	731.534	671.738	631.275	618.369
67.0	712.411	710.477	650.894	611.581	598.750
67.5	690.909	689.721	630.312	591.412	579.264
68.0	669.553	668.606	609.345	571.743	559.883
68.5	648.118	647.392	589.156	552.389	540.368
69.0	626.925	625.927	568.735	532.535	520.801
69.5	605.874	604.849	548.683	513.270	501.380
70.0	584.850	583.798	528.534	493.804	482.023
70.5	563.962	562.642	508.417	474.311	463.212
71.0	543.069	541.764	488.457	455.086	444.328
71.5	522.880	521.123	468.544	436.325	425.359
72.0	502.780	500.638	448.994	417.379	406.543
72.5	482.434	480.590	429.432	398.642	387.905
73.0	462.687	460.527	410.149	379.964	369.477
73.5	442.819	440.458	391.059	361.258	350.975
74.0	423.566	420.982	372.149	343.004	333.052
74.5	404.360	401.570	353.369	324.767	315.065
75.0	385.307	382.194	334.695	306.887	297.151
75.5	366.416	363.354	316.414	289.123	279.610
76.0	348.140	344.535	298.476	271.668	261.900
76.5	330.006	326.210	280.595	254.328	244.563
77.0	312.220	307.770	263.113	237.025	227.789
77.5	294.728	289.807	245.831	220.263	211.204
78.0	277.462	272.018	228.812	203.801	194.708
78.5	260.611	254.486	211.893	187.638	178.406
79.0	244.001	237.175	195.474	171.612	161.988
79.5	228.034	220.085	179.495	155.817	145.901
80.0	212.371	203.373	163.938	140.300	130.361
80.5	197.029	186.981	148.738	124.930	115.138
81.0	181.993	170.811	134.137	110.093	100.426
81.5	167.376	155.140	119.798	95.650	86.041
82.0	153.265	140.010	106.081	81.903	72.199
82.5	139.617	125.385	92.647	68.447	58.835

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CANDELA TABULATION - (Cont.)

83.0	126.452	111.181	79.582	55.593	45.642
83.5	113.771	97.524	67.106	42.695	32.768
84.0	101.574	84.630	55.188	30.463	25.889
84.5	89.898	72.297	43.699	23.810	22.173
85.0	78.726	60.670	31.860	20.178	19.136
85.5	68.117	49.784	20.891	17.205	16.473
86.0	57.992	39.566	16.241	14.527	14.043
86.5	48.314	30.073	13.315	12.180	11.802
87.0	39.336	21.097	10.806	10.082	9.725
87.5	30.841	11.928	8.592	7.989	7.853
88.0	23.029	7.729	6.642	6.159	5.944
88.5	15.917	5.636	4.817	4.471	4.356
89.0	9.840	3.754	3.135	2.926	2.889
89.5	4.676	2.177	1.852	1.758	1.580
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-L17-830-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-L17-830-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-L17-830-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1095.3	N.A.	15.60
0-30	2250.53	N.A.	32.10
0-40	3549.6	N.A.	50.70
0-60	5844.21	N.A.	83.50
0-80	6939.95	N.A.	99.10
0-90	7001.93	N.A.	100.00
10-90	6712.03	N.A.	95.90
20-40	2454.3	N.A.	35.10
20-50	3703.74	N.A.	52.90
40-70	3026.9	N.A.	43.20
60-80	1095.74	N.A.	15.60
70-80	363.45	N.A.	5.20
80-90	61.97	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	7001.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	289.89
10-20	805.41
20-30	1155.23
30-40	1299.07
40-50	1249.44
50-60	1045.18
60-70	732.29
70-80	363.45
80-90	61.97
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-L17-830-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-L17-830-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

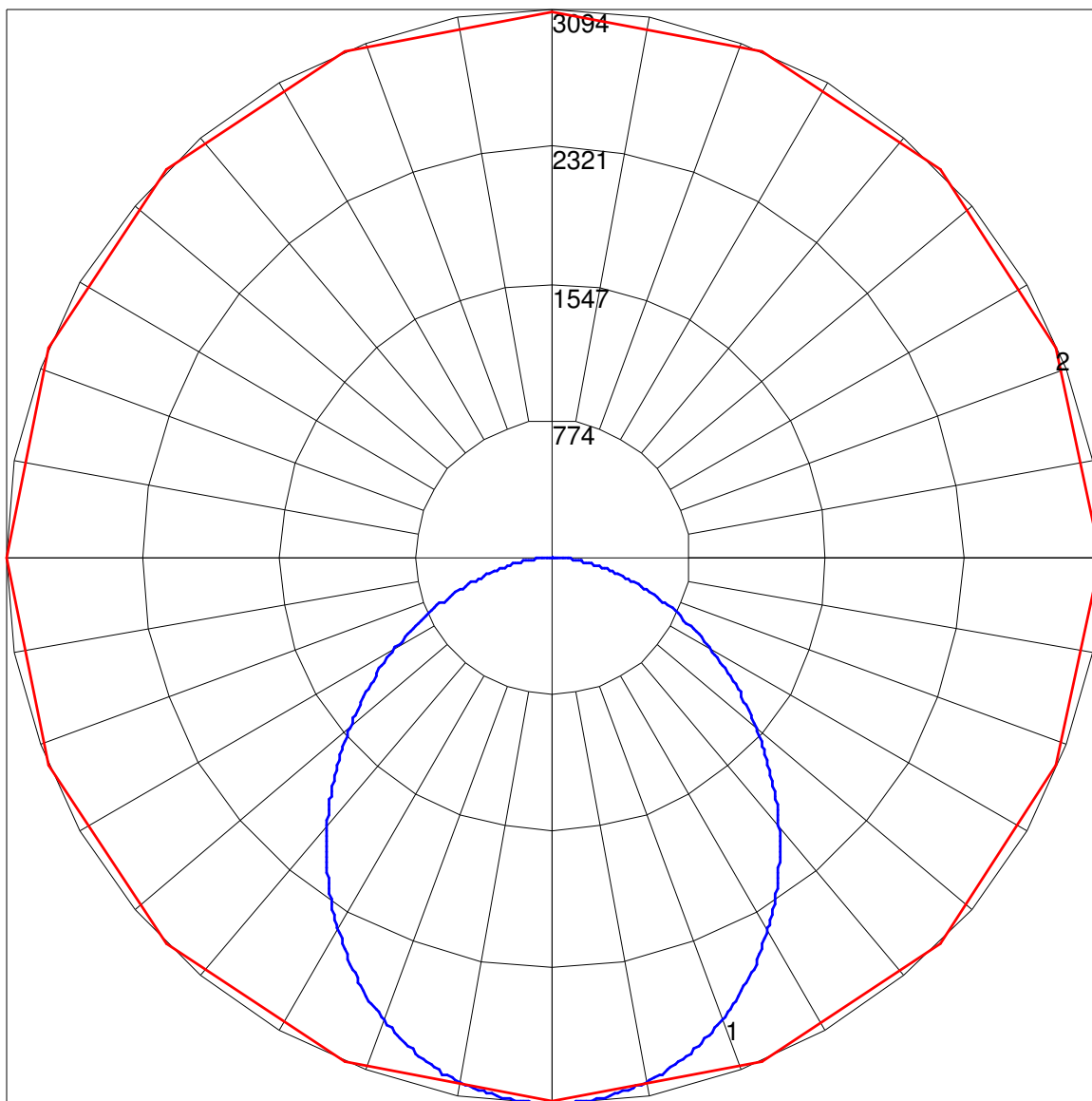
Reflectances

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	22.1	22.5
	4H	22.1	23.1	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 = 3094.253 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.)