

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-935-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-L17-935-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	5870
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
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	7260	6706	6293
55	6478	5993	5549
65	5574	5113	4714
75	4383	3807	3380
85	2659	1076	646

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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	2590.598	2590.598	2590.598	2590.598	2590.598
0.5	2593.723	2586.943	2592.756	2592.320	2583.016
1.0	2594.171	2585.575	2593.110	2590.598	2584.479
1.5	2592.096	2583.547	2590.775	2588.264	2580.906
2.0	2591.082	2582.356	2588.523	2588.889	2580.340
2.5	2589.938	2580.681	2586.542	2585.540	2575.882
3.0	2588.087	2580.245	2585.268	2581.837	2573.996
3.5	2586.636	2578.441	2580.198	2577.875	2571.402
4.0	2582.356	2574.208	2579.149	2574.043	2566.072
4.5	2580.729	2571.744	2573.241	2569.067	2558.844
5.0	2579.585	2569.456	2570.470	2562.370	2556.168
5.5	2575.800	2565.093	2565.494	2560.224	2550.708
6.0	2571.920	2561.968	2559.811	2552.689	2544.235
6.5	2566.850	2556.768	2556.073	2546.440	2537.455
7.0	2563.773	2551.969	2550.083	2540.497	2527.054
7.5	2558.395	2546.946	2542.725	2531.158	2519.838
8.0	2554.080	2541.262	2537.313	2523.718	2511.077
8.5	2546.804	2535.626	2529.648	2514.202	2503.460
9.0	2542.406	2529.990	2523.045	2505.795	2495.053
9.5	2537.784	2524.483	2514.013	2497.919	2484.264
10.0	2530.379	2518.010	2506.042	2486.551	2475.421
10.5	2523.280	2511.182	2498.295	2476.116	2462.556
11.0	2513.799	2502.280	2487.588	2465.858	2452.263
11.5	2510.993	2495.983	2477.943	2455.116	2440.058
12.0	2506.324	2488.802	2468.345	2444.374	2428.125
12.5	2497.209	2480.784	2459.100	2431.250	2415.662
13.0	2485.217	2471.799	2447.910	2420.025	2404.354
13.5	2478.083	2461.493	2438.006	2406.677	2393.224
14.0	2469.098	2452.732	2426.733	2393.070	2379.440
14.5	2460.820	2441.719	2413.868	2381.054	2363.403
15.0	2450.243	2430.835	2403.256	2367.270	2349.713
15.5	2442.496	2419.951	2391.276	2352.519	2332.486
16.0	2430.728	2409.468	2380.534	2338.959	2323.171
16.5	2422.627	2398.325	2367.056	2325.222	2305.814
17.0	2410.777	2387.006	2352.789	2308.750	2291.158
17.5	2399.410	2375.332	2338.651	2293.999	2275.039
18.0	2387.288	2362.821	2325.044	2279.472	2257.776
18.5	2377.076	2352.256	2310.953	2262.693	2239.759
19.0	2364.341	2337.623	2294.916	2248.472	2224.925
19.5	2353.859	2325.867	2281.356	2231.564	2206.696
20.0	2339.095	2313.226	2265.850	2215.009	2188.903
20.5	2329.722	2300.185	2252.290	2198.760	2173.055
21.0	2312.434	2286.353	2235.287	2183.573	2156.548
21.5	2301.386	2273.229	2219.699	2165.249	2138.448
22.0	2289.630	2259.044	2203.710	2147.503	2122.294
22.5	2275.928	2244.375	2188.428	2130.111	2102.602
23.0	2260.505	2230.898	2173.418	2113.249	2087.026
23.5	2248.572	2216.406	2155.223	2095.810	2069.150
24.0	2232.889	2200.723	2139.152	2076.696	2051.227
24.5	2217.111	2185.571	2121.358	2059.303	2031.583
25.0	2202.797	2170.065	2105.062	2039.836	2013.530
25.5	2188.305	2154.736	2087.269	2022.491	1994.464
26.0	2173.105	2137.910	2069.476	2004.922	1977.296
26.5	2157.069	2122.404	2051.329	1985.631	1957.345

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27.0	2141.610	2105.931	2035.481	1967.048	1938.938
27.5	2124.736	2089.234	2015.612	1949.172	1922.171
28.0	2106.011	2072.054	1996.404	1930.766	1900.274
28.5	2089.409	2055.404	1980.380	1912.666	1881.738
29.0	2072.712	2038.931	1960.204	1893.953	1864.618
29.5	2056.546	2021.091	1942.458	1873.117	1842.945
30.0	2038.528	2002.896	1924.842	1855.949	1827.145
30.5	2021.478	1986.777	1906.919	1836.175	1808.432
31.0	2004.522	1968.406	1888.288	1816.932	1788.079
31.5	1987.117	1950.259	1868.113	1798.348	1770.911
32.0	1969.984	1931.935	1849.482	1778.928	1752.199
32.5	1950.905	1913.434	1830.192	1759.555	1733.132
33.0	1934.609	1894.756	1812.622	1740.264	1713.664
33.5	1916.061	1876.739	1792.754	1720.926	1694.550
34.0	1897.029	1857.400	1774.170	1703.628	1675.837
34.5	1879.012	1838.900	1755.186	1683.453	1658.091
35.0	1859.980	1820.222	1736.072	1665.400	1639.072
35.5	1842.800	1800.353	1716.604	1645.756	1618.413
36.0	1823.768	1782.206	1697.974	1626.335	1598.911
36.5	1804.737	1762.868	1678.506	1606.915	1579.572
37.0	1786.542	1743.706	1658.685	1585.949	1560.812
37.5	1766.496	1724.014	1640.537	1567.897	1544.835
38.0	1745.437	1705.513	1621.423	1548.559	1524.483
38.5	1727.643	1685.161	1601.602	1531.167	1506.737
39.0	1708.741	1666.000	1580.460	1511.345	1488.460
39.5	1688.035	1645.777	1560.332	1493.599	1470.360
40.0	1669.180	1626.793	1540.687	1475.629	1452.084
40.5	1649.312	1606.924	1521.349	1455.807	1434.161
41.0	1628.476	1587.763	1502.541	1438.014	1414.292
41.5	1608.430	1567.587	1482.897	1419.560	1396.145
42.0	1587.547	1547.235	1464.219	1400.705	1377.691
42.5	1567.195	1526.046	1444.220	1382.075	1359.544
43.0	1547.149	1504.727	1426.734	1364.282	1342.329
43.5	1526.137	1484.681	1407.042	1345.958	1323.875
44.0	1504.287	1465.166	1388.057	1327.457	1304.714
44.5	1481.777	1444.814	1369.733	1309.840	1286.791
45.0	1461.908	1425.122	1350.395	1291.339	1267.146
45.5	1441.862	1405.076	1331.894	1273.723	1247.454
46.0	1420.802	1385.561	1312.379	1254.562	1229.838
46.5	1400.096	1365.515	1293.878	1235.707	1210.854
47.0	1380.275	1345.646	1275.861	1216.723	1192.353
47.5	1359.521	1325.601	1257.006	1198.398	1174.382
48.0	1339.346	1305.909	1237.974	1179.060	1155.351
48.5	1319.300	1286.877	1219.120	1160.029	1136.496
49.0	1299.254	1267.008	1201.456	1142.235	1117.995
49.5	1277.664	1246.962	1182.424	1122.850	1100.862
50.0	1258.809	1228.108	1164.407	1105.009	1083.151
50.5	1238.409	1207.885	1145.859	1086.508	1064.957
51.0	1218.187	1188.499	1127.487	1067.783	1046.408
51.5	1197.787	1169.291	1109.116	1049.058	1028.874
52.0	1177.918	1149.729	1090.568	1031.748	1011.163
52.5	1158.533	1130.343	1072.196	1014.037	993.320
53.0	1137.780	1111.618	1053.825	994.604	975.234
53.5	1117.734	1092.409	1035.454	977.358	959.242
54.0	1097.511	1073.024	1016.905	959.050	940.713
54.5	1077.595	1053.639	997.343	941.360	923.485

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55.0	1058.080	1034.560	978.972	922.699	906.477
55.5	1038.518	1015.834	960.070	905.273	889.292
56.0	1018.295	997.109	940.861	887.781	872.151
56.5	998.556	977.901	922.223	870.155	854.945
57.0	978.156	959.836	903.696	852.574	837.625
57.5	959.254	941.111	885.169	834.969	819.996
58.0	939.515	922.386	866.354	817.607	802.653
58.5	918.938	903.484	848.223	800.553	785.465
59.0	900.036	884.582	829.961	783.168	768.410
59.5	880.297	866.163	811.653	765.959	751.750
60.0	861.218	847.525	793.255	748.969	734.824
60.5	841.479	829.106	775.299	731.428	717.877
61.0	822.180	810.622	757.342	713.841	701.083
61.5	802.915	792.380	739.032	696.873	684.619
62.0	783.700	773.961	721.319	680.256	667.316
62.5	764.761	755.696	703.737	663.087	650.078
63.0	745.911	737.815	686.177	646.338	633.591
63.5	727.249	719.836	668.440	629.256	617.544
64.0	708.126	701.827	650.613	612.372	600.460
64.5	689.363	683.962	633.029	595.555	583.949
65.0	670.904	666.049	615.335	578.758	567.393
65.5	652.291	648.322	597.949	562.669	550.483
66.0	633.941	630.854	580.341	546.203	534.767
66.5	615.689	613.306	563.175	529.251	518.430
67.0	597.274	595.653	545.699	512.740	501.983
67.5	579.247	578.251	528.443	495.830	485.646
68.0	561.342	560.549	510.865	479.340	469.397
68.5	543.372	542.763	493.939	463.114	453.036
69.0	525.604	524.767	476.818	446.469	436.631
69.5	507.955	507.096	460.007	430.317	420.348
70.0	490.329	489.447	443.115	413.997	404.120
70.5	472.817	471.710	426.249	397.654	388.349
71.0	455.300	454.206	409.515	381.537	372.517
71.5	438.374	436.901	392.820	365.807	356.615
72.0	421.523	419.727	376.429	349.924	340.839
72.5	404.465	402.919	360.029	334.215	325.213
73.0	387.909	386.098	343.862	318.555	309.763
73.5	371.252	369.273	327.858	302.873	294.252
74.0	355.111	352.945	312.004	287.569	279.225
74.5	339.009	336.670	296.259	272.280	264.145
75.0	323.035	320.425	280.603	257.289	249.127
75.5	307.197	304.630	265.277	242.396	234.421
76.0	291.875	288.853	250.237	227.762	219.573
76.5	276.672	273.489	235.246	213.225	205.038
77.0	261.760	258.029	220.590	198.718	190.974
77.5	247.095	242.970	206.101	184.665	177.070
78.0	232.619	228.055	191.833	170.863	163.240
78.5	218.492	213.357	177.648	157.313	149.573
79.0	204.567	198.844	163.882	143.877	135.808
79.5	191.180	184.515	150.486	130.634	122.321
80.0	178.048	170.504	137.443	117.625	109.293
80.5	165.186	156.762	124.699	104.740	96.530
81.0	152.580	143.205	112.458	92.300	84.195
81.5	140.326	130.067	100.437	80.192	72.135
82.0	128.495	117.382	88.936	68.666	60.531
82.5	117.052	105.121	77.674	57.385	49.326

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CANDELA TABULATION - (Cont.)

83.0	106.015	93.213	66.720	46.608	38.265
83.5	95.384	81.763	56.260	35.795	27.472
84.0	85.158	70.952	46.269	25.539	21.705
84.5	75.369	60.613	36.636	19.962	18.589
85.0	66.003	50.865	26.711	16.917	16.043
85.5	57.109	41.738	17.515	14.424	13.811
86.0	48.620	33.171	13.616	12.179	11.773
86.5	40.506	25.213	11.163	10.212	9.895
87.0	32.978	17.688	9.060	8.453	8.153
87.5	25.856	10.001	7.204	6.698	6.583
88.0	19.307	6.480	5.568	5.164	4.983
88.5	13.344	4.725	4.039	3.749	3.652
89.0	8.249	3.147	2.628	2.453	2.422
89.5	3.921	1.825	1.553	1.474	1.324
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-L17-935-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 : CMR2AEG-L17-935-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 : CMR2AEG-L17-935-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	918.28	N.A.	15.60
0-30	1886.8	N.A.	32.10
0-40	2975.93	N.A.	50.70
0-60	4899.7	N.A.	83.50
0-80	5818.34	N.A.	99.10
0-90	5870.3	N.A.	100.00
10-90	5627.26	N.A.	95.90
20-40	2057.65	N.A.	35.10
20-50	3105.16	N.A.	52.90
40-70	2537.71	N.A.	43.20
60-80	918.65	N.A.	15.60
70-80	304.71	N.A.	5.20
80-90	51.96	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	5870.3	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	243.04
10-20	675.24
20-30	968.53
30-40	1089.12
40-50	1047.51
50-60	876.26
60-70	613.94
70-80	304.71
80-90	51.96
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-L17-935-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	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	70	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	42	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-L17-935-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

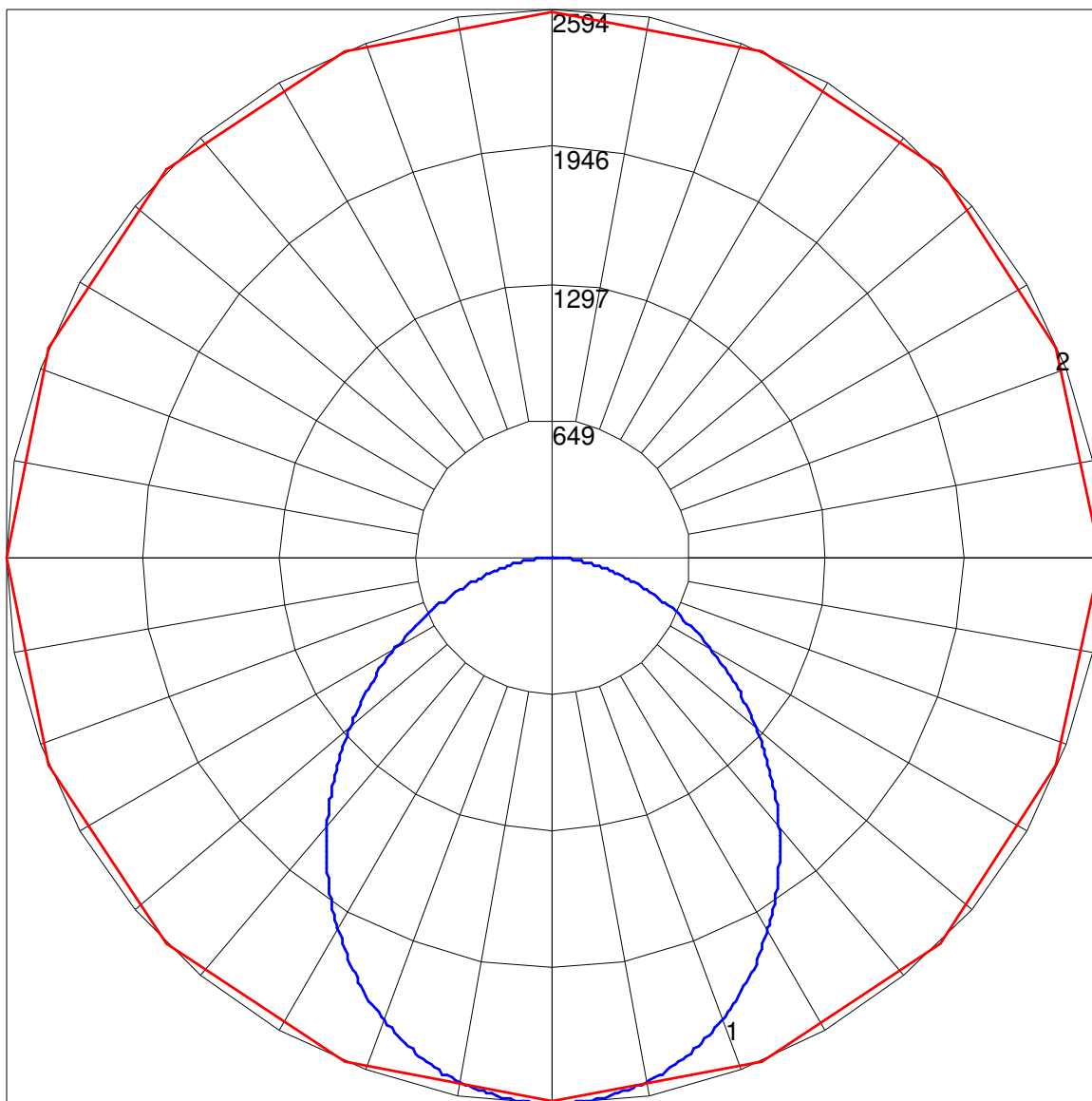
Reflectances

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	18.5	20.1	18.9	20.4	20.7	17.6	19.2	18.0	19.5	19.8
	3H	20.1	21.5	20.5	21.9	22.2	19.1	20.5	19.5	20.9	21.2
	4H	20.7	22.0	21.1	22.3	22.7	19.6	20.9	20.0	21.2	21.6
	6H	21.0	22.2	21.4	22.6	23.0	19.8	21.0	20.2	21.4	21.8
	8H	21.1	22.3	21.5	22.6	23.0	19.8	21.0	20.2	21.4	21.8
	12H	21.1	22.3	21.6	22.6	23.1	19.8	20.9	20.2	21.3	21.7
4H	2H	19.0	20.3	19.4	20.7	21.0	18.3	19.6	18.7	19.9	20.3
	3H	20.8	21.9	21.2	22.3	22.7	20.0	21.1	20.4	21.5	21.9
	4H	21.5	22.5	21.9	22.9	23.3	20.5	21.5	20.9	21.9	22.3
	6H	21.9	22.8	22.4	23.2	23.7	20.8	21.6	21.2	22.1	22.5
	8H	22.0	22.8	22.5	23.3	23.8	20.8	21.6	21.2	22.0	22.5
	12H	22.1	22.8	22.6	23.3	23.8	20.8	21.5	21.3	22.0	22.4
8H	4H	21.6	22.4	22.1	22.9	23.3	20.7	21.5	21.2	22.0	22.4
	6H	22.2	22.8	22.7	23.3	23.8	21.1	21.7	21.6	22.2	22.7
	8H	22.3	22.9	22.8	23.4	23.9	21.1	21.7	21.6	22.2	22.7
	12H	22.4	23.0	23.0	23.5	24.0	21.1	21.6	21.6	22.1	22.7
12H	4H	21.6	22.3	22.1	22.8	23.3	20.7	21.5	21.2	21.9	22.4
	6H	22.2	22.8	22.7	23.2	23.8	21.1	21.7	21.6	22.2	22.7
	8H	22.4	22.9	22.9	23.4	23.9	21.2	21.7	21.7	22.2	22.8

Maximum UGR = 24.0

POLAR GRAPH



Maximum Candela = 2594.171 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.)