

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-850-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-L17-850-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	7497
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
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	9272	8564	8036
55	8273	7654	7087
65	7119	6529	6021
75	5597	4862	4317
85	3396	1374	825

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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	3308.475	3308.475	3308.475	3308.475	3308.475
0.5	3312.465	3303.807	3311.231	3310.674	3298.792
1.0	3313.038	3302.060	3311.682	3308.475	3300.659
1.5	3310.387	3299.469	3308.701	3305.493	3296.096
2.0	3309.092	3297.948	3305.824	3306.292	3295.374
2.5	3307.632	3295.810	3303.294	3302.015	3289.681
3.0	3305.267	3295.253	3301.668	3297.286	3287.272
3.5	3303.415	3292.949	3295.193	3292.227	3283.959
4.0	3297.948	3287.543	3293.853	3287.332	3277.152
4.5	3295.870	3284.395	3286.308	3280.977	3267.921
5.0	3294.410	3281.474	3282.769	3272.424	3264.503
5.5	3289.576	3275.902	3276.414	3269.684	3257.531
6.0	3284.621	3271.912	3269.156	3260.061	3249.264
6.5	3278.146	3265.270	3264.382	3252.080	3240.605
7.0	3274.215	3259.141	3256.732	3244.490	3227.323
7.5	3267.348	3252.726	3247.335	3232.563	3218.107
8.0	3261.837	3245.468	3240.424	3223.061	3206.918
8.5	3252.545	3238.270	3230.635	3210.909	3197.190
9.0	3246.928	3231.071	3222.202	3200.172	3186.453
9.5	3241.025	3224.039	3210.667	3190.113	3172.674
10.0	3231.568	3215.771	3200.487	3175.596	3161.381
10.5	3222.502	3207.052	3190.594	3162.269	3144.951
11.0	3210.394	3195.682	3176.920	3149.168	3131.805
11.5	3206.811	3187.641	3164.602	3135.449	3116.219
12.0	3200.847	3178.470	3152.344	3121.731	3100.980
12.5	3189.207	3168.230	3140.538	3104.970	3085.062
13.0	3173.891	3156.755	3126.247	3090.634	3070.621
13.5	3164.780	3143.593	3113.597	3073.587	3056.406
14.0	3153.305	3132.405	3099.201	3056.209	3038.802
14.5	3142.734	3118.339	3082.772	3040.865	3018.322
15.0	3129.226	3104.440	3069.219	3023.261	3000.839
15.5	3119.332	3090.540	3053.919	3004.422	2978.837
16.0	3104.303	3077.152	3040.200	2987.105	2966.942
16.5	3093.958	3062.922	3022.988	2969.561	2944.775
17.0	3078.823	3048.465	3004.766	2948.524	2926.057
17.5	3064.306	3033.557	2986.711	2929.685	2905.471
18.0	3048.825	3017.579	2969.333	2911.133	2883.425
18.5	3035.784	3004.086	2951.337	2889.704	2860.415
19.0	3019.520	2985.397	2930.857	2871.543	2841.471
19.5	3006.133	2970.384	2913.539	2849.949	2818.190
20.0	2987.279	2954.241	2893.737	2828.806	2795.466
20.5	2975.307	2937.585	2876.419	2808.055	2775.227
21.0	2953.229	2919.921	2854.704	2788.659	2754.145
21.5	2939.119	2903.160	2834.796	2765.258	2731.030
22.0	2924.106	2885.044	2814.376	2742.594	2710.399
22.5	2906.607	2866.311	2794.860	2720.382	2685.251
23.0	2886.909	2849.098	2775.690	2698.848	2665.359
23.5	2871.670	2830.591	2752.454	2676.576	2642.529
24.0	2851.641	2810.562	2731.929	2652.166	2619.640
24.5	2831.492	2791.211	2709.205	2629.954	2594.552
25.0	2813.210	2771.408	2688.393	2605.091	2571.497
25.5	2794.703	2751.832	2665.669	2582.940	2547.146
26.0	2775.291	2730.342	2642.945	2560.502	2525.221
26.5	2754.811	2710.540	2619.769	2535.866	2499.741

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CANDELA TABULATION - (Cont.)

27.0	2735.069	2689.502	2599.530	2512.133	2476.234
27.5	2713.519	2668.178	2574.156	2489.304	2454.821
28.0	2689.605	2646.237	2549.624	2465.797	2426.856
28.5	2668.402	2624.974	2529.159	2442.682	2403.184
29.0	2647.078	2603.936	2503.393	2418.783	2381.319
29.5	2626.432	2581.152	2480.730	2392.174	2353.640
30.0	2603.422	2557.916	2458.232	2370.249	2333.462
30.5	2581.646	2537.330	2435.342	2344.995	2309.563
31.0	2559.991	2513.868	2411.549	2320.419	2283.571
31.5	2537.764	2490.692	2385.783	2296.686	2261.646
32.0	2515.883	2467.290	2361.990	2271.884	2237.748
32.5	2491.517	2443.663	2337.353	2247.142	2213.397
33.0	2470.706	2419.809	2314.915	2222.506	2188.535
33.5	2447.018	2396.799	2289.541	2197.809	2164.124
34.0	2422.712	2372.102	2265.808	2175.718	2140.226
34.5	2399.702	2348.474	2241.563	2149.952	2117.563
35.0	2375.396	2324.620	2217.152	2126.897	2093.273
35.5	2353.455	2299.246	2192.290	2101.808	2066.889
36.0	2329.150	2276.070	2168.497	2077.006	2041.982
36.5	2304.844	2251.373	2143.634	2052.204	2017.285
37.0	2281.608	2226.902	2118.320	2025.429	1993.327
37.5	2256.007	2201.753	2095.144	2002.374	1972.922
38.0	2229.112	2178.126	2070.734	1977.677	1946.930
38.5	2206.388	2152.134	2045.419	1955.466	1924.267
39.0	2182.248	2127.663	2018.418	1930.151	1900.925
39.5	2155.804	2101.836	1992.713	1907.488	1877.810
40.0	2131.724	2077.591	1967.624	1884.538	1854.468
40.5	2106.350	2052.216	1942.927	1859.224	1831.579
41.0	2079.740	2027.745	1918.908	1836.500	1806.204
41.5	2054.140	2001.979	1893.820	1812.932	1783.028
42.0	2027.470	1975.987	1869.966	1788.853	1759.461
42.5	2001.478	1948.926	1844.426	1765.060	1736.285
43.0	1975.877	1921.699	1822.094	1742.336	1714.299
43.5	1949.042	1896.099	1796.945	1718.934	1690.732
44.0	1921.137	1871.176	1772.700	1695.306	1666.261
44.5	1892.389	1845.184	1749.298	1672.808	1643.372
45.0	1867.015	1820.035	1724.601	1649.180	1618.283
45.5	1841.414	1794.434	1700.973	1626.682	1593.134
46.0	1814.518	1769.511	1676.051	1602.211	1570.636
46.5	1788.075	1743.911	1652.423	1578.132	1546.391
47.0	1762.760	1718.536	1629.413	1553.887	1522.764
47.5	1736.256	1692.936	1605.333	1530.485	1499.814
48.0	1710.490	1667.787	1581.028	1505.788	1475.508
48.5	1684.889	1643.481	1556.948	1481.482	1451.429
49.0	1659.289	1618.107	1534.389	1458.758	1427.801
49.5	1631.715	1592.506	1510.084	1434.001	1405.920
50.0	1607.636	1568.427	1487.074	1411.217	1383.301
50.5	1581.583	1542.600	1463.386	1387.589	1360.065
51.0	1555.757	1517.843	1439.923	1363.675	1336.377
51.5	1529.704	1493.311	1416.461	1339.761	1313.984
52.0	1504.330	1468.328	1392.773	1317.654	1291.365
52.5	1479.572	1443.571	1369.311	1295.035	1268.578
53.0	1453.068	1419.657	1345.849	1270.218	1245.480
53.5	1427.467	1395.125	1322.387	1248.192	1225.056
54.0	1401.641	1370.368	1298.698	1224.811	1201.392
54.5	1376.206	1345.611	1273.715	1202.219	1179.391

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55.0	1351.283	1321.245	1250.253	1178.387	1157.669
55.5	1326.300	1297.331	1226.113	1156.132	1135.722
56.0	1300.473	1273.417	1201.582	1133.793	1113.832
56.5	1275.264	1248.885	1177.779	1111.283	1091.857
57.0	1249.212	1225.815	1154.118	1088.829	1069.738
57.5	1225.072	1201.901	1130.457	1066.346	1047.224
58.0	1199.862	1177.987	1106.428	1044.172	1025.075
58.5	1173.584	1153.847	1083.273	1022.393	1003.124
59.0	1149.444	1129.707	1059.950	1000.190	981.342
59.5	1124.235	1106.184	1036.569	978.212	960.066
60.0	1099.869	1082.381	1013.073	956.515	938.450
60.5	1074.660	1058.859	990.141	934.112	916.807
61.0	1050.012	1035.252	967.208	911.653	895.359
61.5	1025.410	1011.955	943.824	889.982	874.333
62.0	1000.870	988.433	921.202	868.760	852.234
62.5	976.683	965.106	898.749	846.834	830.220
63.0	952.609	942.270	876.323	825.443	809.164
63.5	928.776	919.309	853.670	803.628	788.671
64.0	904.353	896.309	830.904	782.066	766.853
64.5	880.391	873.494	808.447	760.588	745.766
65.0	856.817	850.617	785.849	739.137	724.622
65.5	833.046	827.977	763.645	718.590	703.027
66.0	809.612	805.668	741.159	697.561	682.955
66.5	786.302	783.259	719.235	675.911	662.092
67.0	762.784	760.713	696.917	654.824	641.086
67.5	739.761	738.489	674.879	633.229	620.223
68.0	716.895	715.882	652.430	612.169	599.470
68.5	693.944	693.168	630.814	591.447	578.576
69.0	671.253	670.184	608.949	570.189	557.625
69.5	648.714	647.616	587.478	549.562	536.831
70.0	626.203	625.077	565.906	528.719	516.105
70.5	603.838	602.425	544.366	507.848	495.964
71.0	581.468	580.071	522.995	487.264	475.745
71.5	559.852	557.970	501.674	467.176	455.435
72.0	538.330	536.037	480.741	446.890	435.288
72.5	516.546	514.572	459.796	426.829	415.333
73.0	495.402	493.089	439.149	406.830	395.601
73.5	474.130	471.601	418.710	386.802	375.791
74.0	453.515	450.748	398.462	367.257	356.601
74.5	432.951	429.964	378.355	347.731	337.342
75.0	412.550	409.218	358.360	328.587	318.162
75.5	392.324	389.046	338.787	309.566	299.381
76.0	372.756	368.896	319.580	290.877	280.419
76.5	353.340	349.275	300.435	272.311	261.856
77.0	334.296	329.531	281.717	253.784	243.895
77.5	315.567	310.299	263.213	235.837	226.138
78.0	297.080	291.252	244.991	218.211	208.476
78.5	279.038	272.480	226.876	200.906	191.021
79.0	261.254	253.945	209.295	183.747	173.441
79.5	244.157	235.646	192.187	166.834	156.217
80.0	227.387	217.753	175.530	150.220	139.579
80.5	210.961	200.202	159.254	133.764	123.279
81.0	194.861	182.888	143.621	117.877	107.527
81.5	179.211	166.109	128.269	102.414	92.125
82.0	164.102	149.910	113.581	87.694	77.304
82.5	149.489	134.251	99.198	73.286	62.995

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CANDELA TABULATION - (Cont.)

83.0	135.393	119.043	85.209	59.523	48.869
83.5	121.816	104.420	71.851	45.714	35.085
84.0	108.757	90.613	59.091	32.617	27.719
84.5	96.254	77.409	46.788	25.493	23.740
85.0	84.293	64.960	34.113	21.605	20.489
85.5	72.934	53.304	22.368	18.421	17.638
86.0	62.093	42.363	17.389	15.554	15.036
86.5	51.731	32.200	14.257	13.042	12.637
87.0	42.117	22.589	11.570	10.795	10.412
87.5	33.021	12.772	9.200	8.554	8.408
88.0	24.658	8.275	7.111	6.595	6.364
88.5	17.042	6.034	5.158	4.788	4.664
89.0	10.535	4.019	3.357	3.132	3.093
89.5	5.007	2.331	1.983	1.883	1.691
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-L17-850-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-L17-850-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-L17-850-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1172.74	N.A.	15.60
0-30	2409.65	N.A.	32.10
0-40	3800.58	N.A.	50.70
0-60	6257.44	N.A.	83.50
0-80	7430.66	N.A.	99.10
0-90	7497.01	N.A.	100.00
10-90	7186.62	N.A.	95.90
20-40	2627.84	N.A.	35.10
20-50	3965.62	N.A.	52.90
40-70	3240.93	N.A.	43.20
60-80	1173.21	N.A.	15.60
70-80	389.15	N.A.	5.20
80-90	66.35	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	7497.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	310.39
10-20	862.35
20-30	1236.91
30-40	1390.93
40-50	1337.79
50-60	1119.08
60-70	784.06
70-80	389.15
80-90	66.35
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-L17-850-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-L17-850-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

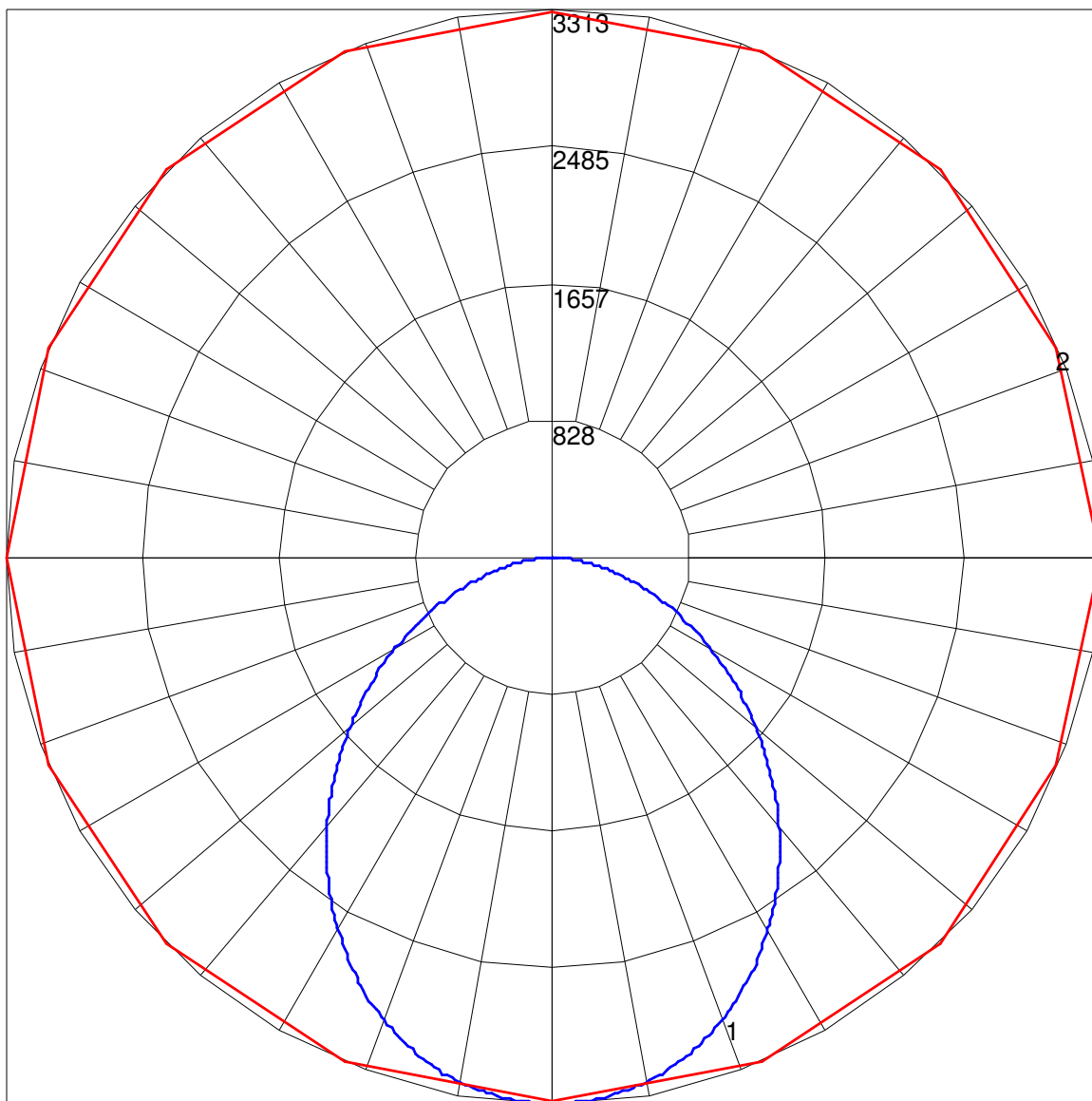
X=2H	Y=2H	19.3	20.9	19.7	21.2	21.5	18.4	20.0	18.8	20.3	20.6
	3H	20.9	22.3	21.3	22.7	23.0	19.9	21.3	20.3	21.7	22.0
	4H	21.5	22.8	21.9	23.1	23.5	20.4	21.7	20.8	22.0	22.4
	6H	21.8	23.0	22.2	23.4	23.8	20.6	21.8	21.0	22.2	22.6
	8H	21.9	23.1	22.3	23.4	23.8	20.6	21.8	21.0	22.2	22.6
	12H	21.9	23.1	22.4	23.4	23.9	20.6	21.7	21.0	22.1	22.5

UGR Viewed Endwise

4H	2H	19.8	21.1	20.2	21.5	21.8	19.1	20.4	19.5	20.7	21.1
	3H	21.6	22.7	22.0	23.1	23.5	20.8	21.9	21.2	22.3	22.7
	4H	22.3	23.3	22.7	23.7	24.1	21.3	22.3	21.7	22.7	23.1
	6H	22.7	23.6	23.2	24.0	24.5	21.6	22.4	22.0	22.9	23.3
	8H	22.8	23.6	23.3	24.1	24.6	21.6	22.4	22.0	22.8	23.3
	12H	22.9	23.6	23.4	24.1	24.6	21.6	22.3	22.1	22.8	23.2
8H	4H	22.4	23.2	22.9	23.7	24.1	21.5	22.3	22.0	22.8	23.2
	6H	23.0	23.6	23.5	24.1	24.6	21.9	22.5	22.4	23.0	23.5
	8H	23.1	23.7	23.6	24.2	24.7	21.9	22.5	22.4	23.0	23.5
	12H	23.2	23.8	23.8	24.3	24.8	21.9	22.4	22.4	22.9	23.5
12H	4H	22.4	23.1	22.9	23.6	24.1	21.5	22.3	22.0	22.7	23.2
	6H	23.0	23.6	23.5	24.0	24.6	21.9	22.5	22.4	23.0	23.5
	8H	23.2	23.7	23.7	24.2	24.7	22.0	22.5	22.5	23.0	23.6

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 3313.038 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.)