

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L52-940-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] CMR4AEG-L52-940-CA-DIM-UNV (A&E)

[LUMINAIRE] 2' x 4' 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	10884
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	105.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.75 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	5823	5940	6096
55	5332	5612	5878
65	4600	5111	5386
75	3300	3953	4081
85	1284	1512	1378

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AEG-L52-940-CA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	4163.262	4163.262	4163.262	4163.262	4163.262
0.5	4164.047	4160.764	4161.798	4159.906	4158.553
1.0	4171.112	4157.802	4166.330	4156.481	4168.794
1.5	4167.223	4154.841	4161.120	4154.661	4163.656
2.0	4165.403	4151.094	4155.983	4159.584	4164.832
2.5	4161.906	4147.918	4152.592	4153.910	4156.841
3.0	4158.837	4153.485	4154.876	4145.738	4153.948
3.5	4161.227	4152.021	4145.777	4146.417	4158.266
4.0	4151.772	4143.493	4146.168	4142.670	4154.627
4.5	4149.524	4144.064	4135.820	4136.103	4144.279
5.0	4146.704	4139.781	4137.532	4128.824	4145.133
5.5	4142.528	4133.644	4130.966	4134.104	4140.494
6.0	4136.498	4127.434	4123.472	4120.829	4135.391
6.5	4126.043	4118.013	4122.936	4119.258	4128.717
7.0	4125.507	4116.764	4112.516	4112.477	4115.301
7.5	4117.550	4108.593	4106.593	4102.486	4112.159
8.0	4110.983	4101.099	4103.559	4095.812	4102.773
8.5	4096.996	4091.820	4091.318	4082.538	4094.172
9.0	4094.425	4085.254	4083.859	4077.006	4089.319
9.5	4089.001	4077.653	4072.048	4071.830	4076.971
10.0	4076.048	4068.481	4065.018	4058.877	4069.546
10.5	4060.597	4059.524	4056.096	4049.027	4055.345
11.0	4043.078	4045.323	4044.499	4037.714	4052.345
11.5	4044.288	4038.078	4030.224	4028.328	4036.787
12.0	4035.224	4027.301	4022.302	4018.942	4022.976
12.5	4026.731	4013.241	4014.843	4005.453	4012.199
13.0	4006.821	4001.679	3999.070	3995.960	4003.989
13.5	3997.649	3990.117	3987.543	3978.938	3998.385
14.0	3985.409	3980.053	3977.122	3964.664	3982.861
14.5	3974.774	3964.851	3960.208	3956.205	3962.878
15.0	3958.074	3949.972	3946.397	3940.681	3950.565
15.5	3950.508	3931.701	3931.659	3925.621	3928.192
16.0	3930.062	3918.212	3919.561	3912.274	3927.188
16.5	3920.675	3904.723	3903.574	3899.034	3904.493
17.0	3904.225	3889.307	3889.977	3879.871	3894.678
17.5	3887.204	3873.427	3871.278	3864.133	3875.979
18.0	3864.937	3855.620	3856.325	3851.249	3856.494
18.5	3856.586	3846.127	3841.265	3832.550	3835.155
19.0	3835.247	3820.792	3819.248	3818.524	3820.700
19.5	3821.758	3806.874	3805.223	3800.859	3803.713
20.0	3797.457	3789.424	3784.918	3783.658	3781.838
20.5	3787.642	3769.904	3770.215	3765.993	3766.920
21.0	3753.745	3751.419	3747.983	3751.753	3751.324
21.5	3742.110	3734.540	3730.318	3728.843	3730.590
22.0	3726.836	3714.913	3709.906	3708.573	3716.136
22.5	3707.994	3693.823	3690.421	3690.801	3688.908
23.0	3682.338	3675.124	3675.396	3674.063	3679.806
23.5	3667.171	3655.283	3651.452	3652.651	3659.214
24.0	3646.973	3633.051	3633.002	3629.420	3638.373
24.5	3618.819	3612.532	3611.126	3610.969	3613.429
25.0	3600.227	3590.871	3590.500	3587.952	3594.978
25.5	3581.064	3569.781	3568.625	3570.429	3573.352
26.0	3558.940	3548.121	3546.071	3550.730	3555.044
26.5	3533.532	3525.782	3522.376	3526.249	3529.885

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AEG-L52-940-CA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	3514.154	3503.228	3506.780	3504.730	3508.259
27.5	3488.854	3479.177	3479.660	3484.816	3494.053
28.0	3462.520	3455.018	3451.862	3463.868	3463.294
28.5	3441.679	3432.572	3434.338	3441.100	3442.024
29.0	3416.271	3410.019	3407.682	3419.938	3426.676
29.5	3393.254	3384.504	3386.056	3391.925	3397.415
30.0	3369.203	3359.204	3362.717	3374.294	3379.355
30.5	3342.653	3337.792	3341.198	3350.385	3358.871
31.0	3320.671	3309.886	3316.717	3326.831	3329.609
31.5	3291.624	3286.191	3289.383	3303.278	3311.300
32.0	3269.748	3261.247	3264.224	3280.510	3288.781
32.5	3238.882	3234.376	3239.066	3259.347	3265.121
33.0	3216.221	3208.291	3218.010	3232.833	3238.035
33.5	3189.101	3181.527	3187.500	3205.391	3212.769
34.0	3161.874	3154.763	3164.624	3188.117	3190.929
34.5	3134.432	3127.892	3139.002	3159.426	3167.946
35.0	3106.526	3100.450	3113.058	3138.263	3147.247
35.5	3080.333	3071.974	3087.329	3111.285	3118.449
36.0	3052.428	3046.245	3061.492	3086.483	3096.286
36.5	3023.845	3018.125	3035.085	3062.358	3068.166
37.0	2995.154	2991.254	3007.536	3036.058	3043.364
37.5	2966.107	2961.992	2981.128	3012.861	3025.412
38.0	2933.884	2934.443	2955.184	2984.741	2995.472
38.5	2909.296	2905.181	2927.635	2962.900	2972.490
39.0	2878.322	2878.989	2900.086	2935.351	2945.760
39.5	2848.597	2847.336	2872.323	2911.691	2919.602
40.0	2817.872	2820.358	2845.344	2885.854	2894.907
40.5	2788.039	2789.848	2816.546	2856.949	2869.997
41.0	2759.348	2761.620	2790.139	2832.361	2839.487
41.5	2726.233	2731.573	2762.482	2806.417	2811.723
42.0	2695.937	2701.634	2733.684	2777.048	2785.779
42.5	2666.675	2670.445	2704.208	2751.212	2758.694
43.0	2634.916	2642.325	2678.479	2725.946	2736.746
43.5	2604.976	2611.244	2647.861	2697.611	2711.480
44.0	2574.466	2581.197	2620.205	2668.706	2682.574
44.5	2543.277	2551.257	2592.548	2644.011	2657.665
45.0	2512.766	2520.639	2563.072	2615.784	2630.687
45.5	2481.007	2488.880	2534.167	2591.089	2601.425
46.0	2448.106	2458.833	2504.798	2562.862	2576.052
46.5	2417.703	2428.430	2476.571	2534.171	2548.396
47.0	2389.475	2396.563	2447.095	2506.514	2520.168
47.5	2356.111	2364.803	2417.726	2477.502	2492.976
48.0	2325.386	2334.864	2387.108	2449.382	2464.392
48.5	2293.626	2303.568	2357.739	2418.764	2435.701
49.0	2261.867	2272.379	2329.405	2393.498	2408.152
49.5	2227.253	2240.620	2299.465	2363.095	2382.208
50.0	2196.528	2209.895	2269.989	2334.190	2353.625
50.5	2163.627	2178.921	2239.478	2306.641	2325.612
51.0	2130.619	2145.805	2208.860	2275.559	2294.423
51.5	2097.039	2113.260	2178.243	2244.478	2266.411
52.0	2064.495	2080.930	2148.410	2217.285	2236.471
52.5	2032.057	2049.849	2117.792	2189.380	2208.566
53.0	1998.014	2016.733	2087.853	2156.015	2177.377
53.5	1965.577	1985.544	2057.913	2127.788	2149.828
54.0	1931.212	1953.785	2026.046	2095.458	2117.712
54.5	1895.706	1919.991	1993.716	2064.947	2087.880

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AEG-L52-940-CA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1866.337	1887.768	1964.454	2032.831	2057.476
55.5	1831.973	1854.652	1932.124	2002.999	2027.859
56.0	1798.286	1822.893	1902.292	1972.488	1996.777
56.5	1765.385	1791.026	1869.283	1940.943	1965.018
57.0	1731.806	1758.589	1838.202	1909.291	1934.366
57.5	1698.119	1726.829	1806.443	1875.819	1901.108
58.0	1663.862	1694.392	1774.220	1844.274	1867.280
58.5	1629.034	1660.705	1741.782	1813.300	1835.271
59.0	1596.704	1629.053	1710.701	1780.614	1804.619
59.5	1562.446	1594.796	1679.048	1748.498	1774.645
60.0	1527.511	1561.109	1646.255	1717.168	1741.602
60.5	1493.932	1528.208	1613.354	1684.017	1708.452
61.0	1460.067	1496.663	1582.487	1649.618	1674.053
61.5	1426.317	1462.299	1549.800	1615.683	1640.332
62.0	1391.831	1430.076	1518.148	1582.533	1604.328
62.5	1357.852	1395.926	1486.496	1547.563	1568.323
63.0	1326.193	1364.159	1453.595	1513.735	1533.461
63.5	1291.365	1330.295	1420.801	1478.194	1498.491
64.0	1256.537	1295.866	1386.187	1442.653	1461.916
64.5	1221.595	1261.944	1352.144	1406.977	1425.640
65.0	1186.317	1228.080	1318.209	1371.137	1389.065
65.5	1151.431	1194.386	1284.912	1337.919	1351.484
66.0	1116.546	1160.329	1250.406	1302.485	1317.057
66.5	1081.547	1126.782	1216.267	1265.775	1279.911
67.0	1046.729	1092.960	1181.557	1229.499	1241.855
67.5	1012.379	1059.174	1146.480	1191.308	1204.980
68.0	977.369	1025.478	1111.274	1154.529	1167.738
68.5	942.766	991.724	1076.808	1118.090	1129.858
69.0	908.256	958.480	1041.781	1080.644	1091.745
69.5	874.527	925.076	1007.257	1044.008	1052.905
70.0	841.354	892.228	971.912	1006.267	1014.888
70.5	807.989	859.096	936.564	968.104	977.050
71.0	774.260	826.145	901.420	930.726	939.577
71.5	741.769	793.329	866.236	894.223	902.349
72.0	708.743	760.853	831.666	857.638	865.097
72.5	676.524	728.627	796.504	821.106	827.494
73.0	644.918	696.843	761.863	784.449	788.793
73.5	613.130	665.034	726.904	747.710	751.541
74.0	582.192	633.678	692.409	710.847	715.184
74.5	551.664	602.629	658.036	674.872	679.402
75.0	521.178	571.873	624.355	639.553	644.544
75.5	491.125	541.560	590.877	605.477	610.036
76.0	461.649	511.507	557.888	571.782	574.665
76.5	433.023	482.189	524.774	537.160	540.796
77.0	404.979	453.188	492.296	502.627	504.875
77.5	377.420	424.891	460.406	470.256	467.772
78.0	350.532	396.761	429.276	436.497	430.270
78.5	324.243	369.231	399.085	401.621	394.688
79.0	298.657	342.280	369.993	367.298	360.330
79.5	274.003	315.906	340.091	334.646	327.607
80.0	250.494	290.381	311.695	303.125	295.851
80.5	227.485	265.628	285.041	272.817	265.696
81.0	205.553	241.385	257.304	243.783	236.894
81.5	184.314	218.173	230.193	216.419	209.541
82.0	164.402	196.377	204.973	190.557	182.698
82.5	145.567	175.164	181.044	165.647	157.270

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AEG-L52-940-CA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	127.800	154.710	158.365	141.572	134.080
83.5	111.303	135.494	136.766	119.791	114.272
84.0	95.806	117.528	116.592	101.321	98.303
84.5	81.464	100.900	97.651	86.566	85.139
85.0	68.314	85.645	80.402	74.037	73.310
85.5	56.367	71.108	65.882	63.057	62.618
86.0	45.690	58.330	54.260	52.944	52.690
86.5	36.330	46.847	44.436	43.854	44.226
87.0	28.048	36.877	35.797	36.036	36.057
87.5	21.104	28.216	28.499	28.310	28.231
88.0	15.409	21.183	21.690	21.208	20.926
88.5	10.927	15.356	15.223	14.210	13.917
89.0	7.512	10.235	9.606	8.942	8.921
89.5	4.914	6.327	5.506	5.745	5.824
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AEG-L52-940-CA-DIM-UNV_.IES

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 : CMR4AEG-L52-940-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 : CMR4AEG-L52-940-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 : CMR4AEG-L52-940-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1505.56	N.A.	13.80
0-30	3159.98	N.A.	29.00
0-40	5110.66	N.A.	47.00
0-60	8843.62	N.A.	81.30
0-80	10772.09	N.A.	99.00
0-90	10883.85	N.A.	100.00
10-90	10491.13	N.A.	96.40
20-40	3605.1	N.A.	33.10
20-50	5585.49	N.A.	51.30
40-70	5018.14	N.A.	46.10
60-80	1928.47	N.A.	17.70
70-80	643.29	N.A.	5.90
80-90	111.75	N.A.	1.00
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	10883.85	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	392.71
10-20	1112.85
20-30	1654.41
30-40	1950.69
40-50	1980.39
50-60	1752.56
60-70	1285.18
70-80	643.29
80-90	111.75
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 : CMR4AEG-L52-940-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	109	105	101	97	107	102	99	95	98	95	92	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	73	66	89	79	72	66	76	70	65	73	68	63	71	66	62	60
4	83	72	63	56	81	70	62	56	68	61	55	65	59	55	63	58	54	52
5	77	64	55	49	75	63	55	48	61	54	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
8	61	48	39	34	60	47	39	34	46	39	33	45	38	33	43	37	33	31
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	52	40	33	27	39	32	27	38	32	27	37	31	27	25

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AEG-L52-940-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

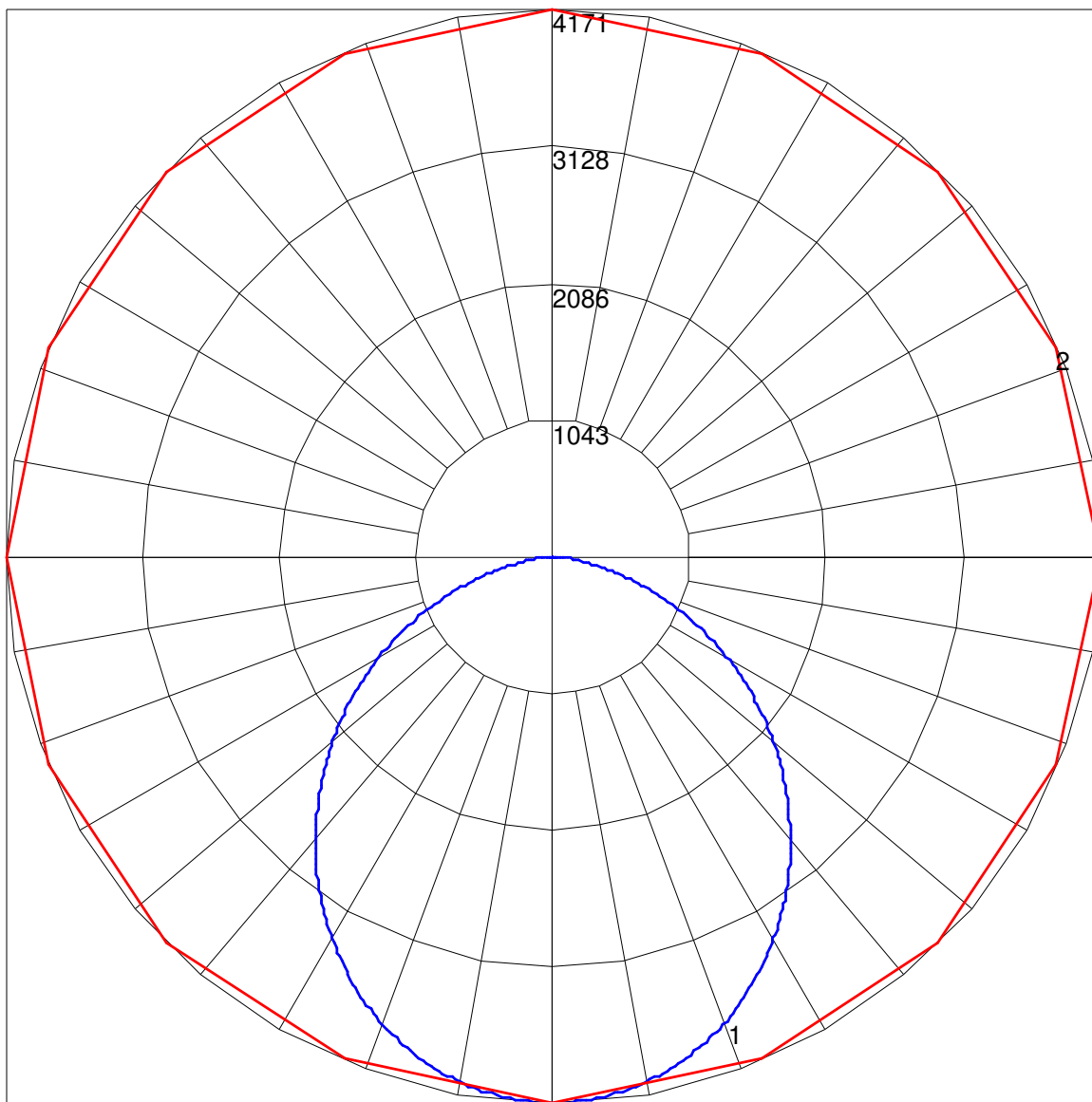
Reflectances

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	17.8	19.4	18.2	19.7	20.0	18.4	20.0	18.8	20.3	20.7
	3H	19.3	20.8	19.7	21.1	21.5	20.1	21.6	20.5	21.9	22.3
	4H	19.8	21.2	20.2	21.5	21.9	20.7	22.0	21.1	22.4	22.8
	6H	20.1	21.3	20.5	21.7	22.1	20.9	22.2	21.3	22.6	23.0
	8H	20.1	21.3	20.5	21.7	22.1	21.0	22.2	21.4	22.6	23.0
	12H	20.1	21.3	20.5	21.7	22.1	21.0	22.1	21.4	22.5	22.9
4H	2H	18.5	19.9	18.9	20.2	20.6	19.0	20.3	19.4	20.7	21.1
	3H	20.2	21.4	20.6	21.8	22.2	20.9	22.0	21.3	22.4	22.8
	4H	20.8	21.8	21.2	22.2	22.7	21.5	22.6	21.9	23.0	23.4
	6H	21.2	22.0	21.6	22.5	22.9	21.9	22.8	22.4	23.2	23.7
	8H	21.2	22.1	21.7	22.5	23.0	22.0	22.8	22.4	23.2	23.7
	12H	21.2	22.0	21.7	22.5	22.9	22.0	22.7	22.5	23.2	23.7
8H	4H	21.1	21.9	21.6	22.4	22.8	21.7	22.6	22.2	23.0	23.5
	6H	21.5	22.2	22.0	22.7	23.2	22.2	22.9	22.7	23.4	23.8
	8H	21.6	22.2	22.1	22.7	23.2	22.3	22.9	22.8	23.4	23.9
	12H	21.7	22.2	22.2	22.7	23.3	22.3	22.8	22.8	23.3	23.9
12H	4H	21.1	21.8	21.6	22.3	22.8	21.7	22.5	22.2	23.0	23.4
	6H	21.5	22.2	22.1	22.6	23.2	22.2	22.8	22.7	23.3	23.8
	8H	21.7	22.2	22.2	22.7	23.3	22.3	22.8	22.8	23.3	23.9

Maximum UGR = 23.9

POLAR GRAPH



Maximum Candela = 4171.112 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.)