

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L26-940-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-L26-940-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	8563
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	84.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.32
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	4718	4661	4642
55	4308	4325	4361
65	3708	3854	3922
75	2652	2933	2965
85	1031	1252	1189

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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	3389.452	3389.452	3389.452	3389.452	3389.452
0.5	3390.527	3387.534	3387.698	3384.357	3388.511
1.0	3394.693	3385.731	3391.651	3382.671	3395.274
1.5	3393.123	3383.929	3387.020	3381.431	3392.745
2.0	3391.883	3381.052	3384.491	3383.166	3391.602
2.5	3388.096	3378.456	3381.101	3378.651	3387.668
3.0	3385.896	3382.573	3382.225	3372.218	3382.457
3.5	3387.417	3380.820	3376.024	3372.896	3385.615
4.0	3381.730	3374.900	3373.807	3370.019	3383.135
4.5	3378.902	3375.181	3366.647	3364.032	3375.975
5.0	3375.792	3370.318	3367.490	3359.072	3373.642
5.5	3371.326	3365.920	3361.503	3360.294	3369.292
6.0	3367.325	3359.420	3355.749	3349.627	3365.059
6.5	3359.768	3352.028	3353.763	3347.477	3358.675
7.0	3357.783	3351.069	3344.502	3340.696	3349.316
7.5	3352.144	3344.636	3340.898	3333.023	3345.015
8.0	3346.158	3338.882	3336.994	3326.639	3335.919
8.5	3336.518	3330.183	3326.493	3315.973	3327.898
9.0	3332.498	3324.196	3319.034	3310.151	3322.754
9.5	3327.073	3318.044	3310.121	3303.816	3311.856
10.0	3317.598	3309.742	3304.250	3294.341	3302.692
10.5	3306.205	3302.234	3295.038	3285.361	3292.258
11.0	3294.482	3291.800	3286.919	3274.628	3286.650
11.5	3291.635	3285.135	3274.383	3265.531	3274.860
12.0	3283.730	3276.387	3267.040	3256.435	3262.208
12.5	3276.106	3264.646	3259.581	3244.975	3253.460
13.0	3262.862	3254.822	3246.997	3235.481	3243.221
13.5	3254.560	3244.999	3235.469	3221.938	3235.298
14.0	3244.058	3235.225	3226.208	3209.402	3221.803
14.5	3234.003	3222.921	3213.061	3200.074	3206.457
15.0	3221.651	3211.809	3200.410	3186.579	3193.855
15.5	3213.794	3197.306	3187.990	3172.968	3176.988
16.0	3198.565	3185.846	3176.181	3160.200	3169.608
16.5	3189.469	3174.385	3162.803	3147.830	3151.550
17.0	3176.206	3161.288	3150.945	3131.855	3140.865
17.5	3162.662	3148.306	3134.854	3117.566	3124.774
18.0	3146.193	3133.688	3121.641	3104.682	3107.608
18.5	3137.261	3124.194	3108.030	3088.591	3090.906
19.0	3120.559	3105.525	3090.650	3075.145	3075.872
19.5	3109.099	3092.476	3077.204	3059.219	3060.624
20.0	3090.595	3077.344	3060.667	3043.177	3041.937
20.5	3079.910	3061.883	3046.543	3027.251	3027.019
21.0	3057.026	3046.586	3028.369	3013.011	3011.422
21.5	3045.101	3031.735	3012.443	2994.158	2993.297
22.0	3030.696	3015.876	2995.509	2975.917	2978.263
22.5	3015.913	2998.264	2978.342	2959.594	2956.252
23.0	2996.052	2982.173	2963.027	2943.436	2944.541
23.5	2982.045	2965.520	2944.010	2924.632	2925.109
24.0	2965.905	2947.346	2927.009	2904.589	2906.586
24.5	2944.126	2930.014	2908.321	2887.587	2885.700
25.0	2928.432	2912.121	2890.593	2868.338	2868.698
25.5	2912.457	2894.509	2871.906	2851.105	2849.101
26.0	2894.680	2876.616	2852.540	2833.144	2830.792
26.5	2873.910	2858.045	2832.613	2812.142	2809.111

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CANDELA TABULATION - (Cont.)

27.0	2857.141	2838.679	2817.017	2792.941	2789.514
27.5	2836.767	2819.265	2795.403	2774.186	2773.569
28.0	2816.229	2799.454	2773.111	2755.267	2749.476
28.5	2797.706	2780.485	2755.878	2735.107	2729.365
29.0	2776.936	2761.120	2734.148	2715.394	2712.858
29.5	2757.687	2739.952	2714.551	2692.308	2688.814
30.0	2738.272	2719.579	2694.110	2674.677	2669.595
30.5	2716.940	2700.775	2674.910	2653.956	2650.559
31.0	2697.855	2678.087	2653.907	2632.721	2626.514
31.5	2674.605	2658.159	2631.499	2611.486	2608.206
32.0	2655.917	2637.273	2609.819	2591.327	2587.136
32.5	2631.426	2614.749	2588.138	2571.613	2565.504
33.0	2611.664	2593.300	2568.821	2548.576	2542.186
33.5	2590.050	2571.174	2543.817	2525.771	2520.108
34.0	2568.040	2549.047	2523.261	2507.628	2499.716
34.5	2545.235	2526.523	2501.696	2483.864	2478.763
35.0	2522.546	2503.718	2478.940	2464.150	2458.933
35.5	2500.701	2480.749	2456.978	2441.229	2434.772
36.0	2478.012	2458.787	2434.619	2419.035	2413.189
36.5	2454.645	2435.304	2411.980	2397.519	2389.706
37.0	2430.881	2412.780	2388.778	2375.277	2367.512
37.5	2407.630	2388.735	2366.138	2353.529	2348.690
38.0	2381.783	2365.533	2343.382	2330.046	2323.967
38.5	2360.384	2341.488	2320.180	2309.654	2303.014
39.0	2335.496	2319.643	2296.978	2286.452	2279.182
39.5	2311.567	2294.077	2272.982	2264.820	2255.632
40.0	2285.769	2271.156	2250.061	2242.461	2233.836
40.5	2261.443	2246.152	2225.900	2217.903	2211.245
41.0	2237.679	2222.272	2203.260	2196.504	2186.241
41.5	2210.360	2197.152	2179.662	2173.748	2162.244
42.0	2186.150	2172.429	2155.501	2149.306	2139.489
42.5	2162.105	2146.747	2130.661	2126.947	2116.171
43.0	2136.142	2123.264	2108.700	2104.869	2095.382
43.5	2111.419	2097.979	2083.299	2080.592	2073.304
44.0	2086.415	2072.859	2059.700	2056.034	2048.746
44.5	2060.733	2048.136	2036.101	2034.237	2026.155
45.0	2035.728	2022.735	2011.262	2010.357	2003.234
45.5	2009.765	1996.771	1986.704	1988.560	1979.189
46.0	1983.240	1971.651	1962.262	1964.680	1956.714
46.5	1958.633	1947.044	1938.382	1940.917	1933.115
47.0	1934.753	1920.684	1913.543	1917.318	1909.235
47.5	1908.344	1894.721	1889.101	1892.362	1885.520
48.0	1882.546	1869.998	1863.699	1868.880	1862.153
48.5	1856.583	1843.919	1839.257	1843.478	1838.390
49.0	1830.620	1818.237	1814.980	1821.401	1815.188
49.5	1803.252	1792.274	1790.257	1796.794	1792.432
50.0	1777.453	1766.476	1765.418	1772.236	1769.065
50.5	1750.928	1741.588	1740.414	1749.034	1745.979
51.0	1724.006	1714.268	1715.013	1723.749	1720.297
51.5	1696.803	1687.230	1689.612	1698.464	1697.211
52.0	1669.765	1660.986	1665.286	1674.749	1672.488
52.5	1643.123	1635.701	1639.885	1652.060	1649.800
53.0	1616.036	1608.381	1615.162	1625.651	1624.117
53.5	1589.395	1582.699	1590.439	1601.771	1600.916
54.0	1561.117	1556.736	1564.079	1575.527	1575.466
54.5	1532.276	1528.739	1537.835	1550.523	1551.140

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55.0	1507.834	1502.892	1513.790	1525.073	1526.533
55.5	1479.556	1475.572	1487.546	1500.747	1503.001
56.0	1451.955	1449.609	1463.220	1475.743	1477.716
56.5	1425.430	1423.249	1436.298	1450.574	1451.753
57.0	1398.227	1396.608	1411.013	1425.008	1428.056
57.5	1370.627	1370.645	1385.049	1398.202	1402.044
58.0	1342.745	1344.004	1359.202	1373.033	1375.751
58.5	1314.583	1316.403	1332.561	1348.145	1350.698
59.0	1288.339	1290.837	1307.276	1322.414	1327.002
59.5	1260.457	1262.956	1281.710	1296.964	1303.983
60.0	1231.898	1235.356	1255.582	1272.589	1278.765
60.5	1204.695	1208.830	1229.057	1246.974	1253.150
61.0	1177.351	1183.661	1204.566	1220.400	1226.576
61.5	1150.064	1155.383	1178.835	1193.710	1200.680
62.0	1122.070	1129.536	1153.269	1168.095	1173.660
62.5	1094.670	1102.052	1127.703	1141.240	1146.640
63.0	1069.445	1076.430	1101.178	1114.947	1120.183
63.5	1041.282	1049.086	1075.050	1087.811	1093.328
64.0	1013.120	1021.120	1047.682	1060.675	1066.027
64.5	984.901	993.748	1020.594	1033.404	1038.735
65.0	956.173	966.405	993.904	1006.258	1011.434
65.5	927.983	939.145	967.563	980.575	983.707
66.0	899.793	911.638	940.592	953.836	957.394
66.5	871.546	884.554	913.699	926.399	929.813
67.0	843.423	857.369	886.524	899.108	901.610
67.5	815.565	830.132	859.272	870.771	874.300
68.0	787.279	803.043	832.094	843.266	846.911
68.5	759.399	775.926	805.452	816.101	819.174
69.0	731.497	749.233	778.569	788.509	791.495
69.5	704.288	722.494	751.899	761.351	763.320
70.0	677.492	696.168	724.757	733.579	735.447
70.5	650.532	669.700	697.784	705.530	707.869
71.0	623.324	643.357	671.016	678.006	680.539
71.5	597.035	617.150	644.468	651.154	653.571
72.0	570.414	591.281	618.361	624.364	626.694
72.5	544.396	565.605	591.893	597.773	599.438
73.0	518.819	540.284	565.889	571.086	571.228
73.5	493.117	515.054	539.624	544.462	544.351
74.0	468.178	490.219	513.795	517.742	518.225
74.5	443.475	465.604	488.232	491.563	492.760
75.0	418.931	441.340	463.217	465.982	468.336
75.5	394.703	417.431	438.404	441.701	444.290
76.0	370.966	393.754	413.936	417.919	419.613
76.5	347.991	370.783	389.372	393.266	396.468
77.0	325.337	348.072	365.327	368.760	371.038
77.5	303.198	325.948	341.813	346.215	344.166
78.0	281.526	304.078	318.914	322.194	317.097
78.5	260.425	282.779	296.925	296.968	292.006
79.0	239.911	261.971	275.890	272.325	268.517
79.5	220.097	241.655	253.871	249.469	246.314
80.0	201.225	222.101	233.213	227.685	224.759
80.5	182.737	203.201	214.238	206.913	204.371
81.0	165.124	184.725	194.009	187.008	184.959
81.5	148.058	167.136	174.258	168.338	166.329
82.0	132.058	150.760	156.196	150.649	147.572
82.5	116.934	134.705	139.253	133.188	128.926

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CANDELA TABULATION - (Cont.)

83.0	102.644	119.265	123.268	115.518	111.416
83.5	89.393	104.745	107.988	99.011	95.984
84.0	76.909	91.184	93.580	84.686	83.406
84.5	65.408	78.729	79.712	73.118	72.967
85.0	54.838	67.329	66.607	63.198	63.253
85.5	45.238	56.385	55.362	54.246	54.272
86.0	36.677	46.824	46.232	45.756	45.735
86.5	29.143	38.210	38.263	37.942	38.400
87.0	22.483	30.617	31.015	31.167	31.246
87.5	16.930	23.840	24.702	24.368	24.261
88.0	12.336	18.140	18.734	18.049	17.738
88.5	8.753	13.240	12.934	11.746	11.396
89.0	6.005	8.757	7.896	7.088	7.008
89.5	3.899	5.284	4.260	4.412	4.519
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 : CMR4AEG-L26-940-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-L26-940-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-L26-940-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1221.57	N.A.	14.30
0-30	2553.29	N.A.	29.80
0-40	4106.53	N.A.	48.00
0-60	7014.78	N.A.	81.90
0-80	8474.46	N.A.	99.00
0-90	8562.79	N.A.	100.00
10-90	8243.35	N.A.	96.30
20-40	2884.96	N.A.	33.70
20-50	4439.79	N.A.	51.80
40-70	3884.29	N.A.	45.40
60-80	1459.68	N.A.	17.00
70-80	483.64	N.A.	5.60
80-90	88.33	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	8562.79	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	319.45
10-20	902.12
20-30	1331.72
30-40	1553.24
40-50	1554.83
50-60	1353.42
60-70	976.04
70-80	483.64
80-90	88.33
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-L26-940-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	103	99	96	98	95	93	95	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72
3	91	81	73	67	89	80	72	66	77	70	65	74	68	64	71	67	63	61
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	49	75	63	55	49	61	54	49	59	53	48	58	52	47	45
6	71	58	49	43	69	57	49	43	56	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32
9	58	44	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AEG-L26-940-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

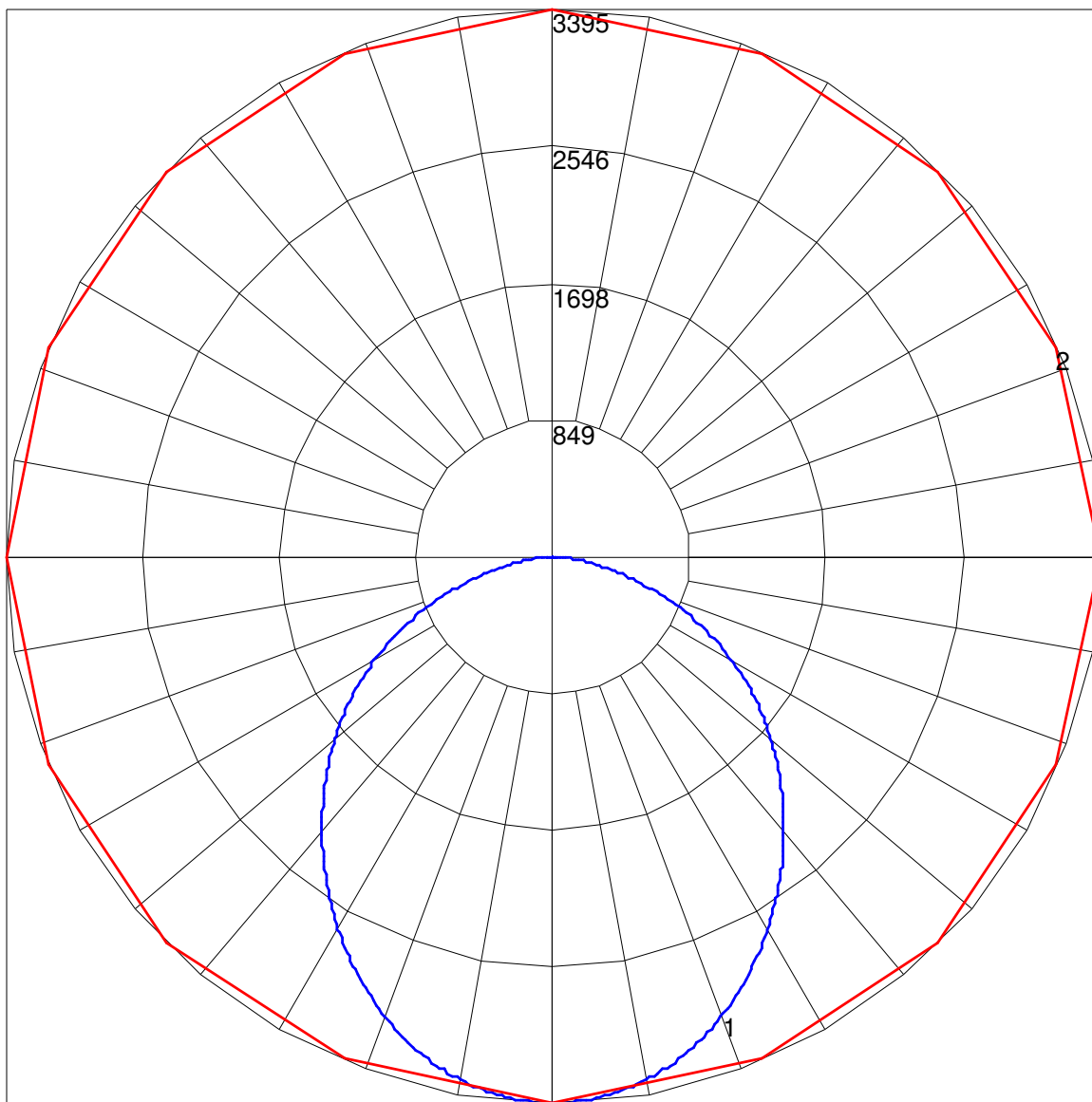
Reflectances

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	17.1	18.7	17.5	19.0	19.3	17.2	18.8	17.6	19.2	19.5
	3H	18.6	20.1	19.0	20.4	20.8	18.9	20.3	19.3	20.7	21.0
	4H	19.1	20.5	19.5	20.8	21.2	19.4	20.8	19.8	21.1	21.5
	6H	19.3	20.6	19.8	21.0	21.4	19.7	20.9	20.1	21.3	21.7
	8H	19.4	20.6	19.8	21.0	21.4	19.7	20.9	20.2	21.3	21.7
	12H	19.4	20.5	19.8	20.9	21.3	19.7	20.9	20.2	21.3	21.7
4H	2H	17.7	19.1	18.1	19.4	19.8	17.8	19.2	18.2	19.5	19.9
	3H	19.4	20.6	19.8	21.0	21.4	19.7	20.8	20.1	21.2	21.6
	4H	20.0	21.0	20.4	21.4	21.9	20.3	21.3	20.7	21.7	22.1
	6H	20.3	21.2	20.8	21.7	22.1	20.7	21.5	21.1	22.0	22.4
	8H	20.4	21.2	20.9	21.7	22.1	20.7	21.6	21.2	22.0	22.5
	12H	20.4	21.2	20.9	21.7	22.1	20.7	21.5	21.2	22.0	22.4
8H	4H	20.2	21.1	20.7	21.5	22.0	20.5	21.3	21.0	21.8	22.2
	6H	20.7	21.4	21.2	21.8	22.3	20.9	21.6	21.4	22.1	22.6
	8H	20.8	21.4	21.3	21.9	22.4	21.0	21.7	21.5	22.2	22.6
	12H	20.8	21.4	21.3	21.8	22.4	21.1	21.6	21.6	22.1	22.7
12H	4H	20.2	21.0	20.7	21.5	21.9	20.5	21.2	21.0	21.7	22.2
	6H	20.7	21.3	21.2	21.8	22.3	21.0	21.6	21.5	22.0	22.6
	8H	20.8	21.4	21.3	21.8	22.4	21.1	21.6	21.6	22.1	22.7

Maximum UGR = 22.7

POLAR GRAPH



Maximum Candela = 3395.274 Located At Horizontal Angle = 90, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)