

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L26-840-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-L26-840-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	10255
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	5650	5582	5560
55	5159	5180	5223
65	4440	4616	4697
75	3177	3513	3551
85	1235	1500	1424

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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	4059.460	4059.460	4059.460	4059.460	4059.460
0.5	4060.747	4057.162	4057.360	4053.358	4058.333
1.0	4065.737	4055.004	4062.094	4051.338	4066.432
1.5	4063.857	4052.846	4056.548	4049.853	4063.403
2.0	4062.372	4049.399	4053.519	4051.931	4062.035
2.5	4057.835	4046.290	4049.458	4046.524	4057.323
3.0	4055.201	4051.221	4050.804	4038.820	4051.082
3.5	4057.023	4049.121	4043.378	4039.632	4054.865
4.0	4050.212	4042.032	4040.722	4036.186	4051.894
4.5	4046.824	4042.368	4032.147	4029.015	4043.319
5.0	4043.100	4036.544	4033.157	4023.074	4040.524
5.5	4037.751	4031.276	4025.986	4024.538	4035.315
6.0	4032.959	4023.491	4019.094	4011.763	4030.245
6.5	4023.909	4014.638	4016.716	4009.188	4022.599
7.0	4021.531	4013.490	4005.624	4001.066	4011.390
7.5	4014.777	4005.785	4001.308	3991.877	4006.239
8.0	4007.607	3998.893	3996.632	3984.231	3995.345
8.5	3996.062	3988.474	3984.055	3971.456	3985.738
9.0	3991.247	3981.304	3975.122	3964.483	3979.577
9.5	3984.750	3973.936	3964.447	3956.896	3966.525
10.0	3973.402	3963.993	3957.416	3945.548	3955.550
10.5	3959.757	3955.001	3946.382	3934.793	3943.053
11.0	3945.717	3942.505	3936.659	3921.938	3936.337
11.5	3942.307	3934.522	3921.645	3911.043	3922.216
12.0	3932.839	3924.045	3912.850	3900.149	3907.063
12.5	3923.708	3909.982	3903.917	3886.423	3896.586
13.0	3907.846	3898.217	3888.845	3875.053	3884.323
13.5	3897.903	3886.452	3875.038	3858.832	3874.834
14.0	3885.326	3874.746	3863.947	3843.819	3858.671
14.5	3873.283	3860.010	3848.201	3832.646	3840.292
15.0	3858.489	3846.702	3833.049	3816.484	3825.198
15.5	3849.079	3829.332	3818.174	3800.183	3804.997
16.0	3830.839	3815.606	3804.031	3784.891	3796.159
16.5	3819.945	3801.880	3788.008	3770.075	3774.531
17.0	3804.061	3786.194	3773.807	3750.942	3761.734
17.5	3787.840	3770.646	3754.535	3733.829	3742.462
18.0	3768.114	3753.137	3738.709	3718.398	3721.903
18.5	3757.418	3741.767	3722.408	3699.126	3701.899
19.0	3737.414	3719.408	3701.592	3683.023	3683.893
19.5	3723.688	3703.780	3685.488	3663.948	3665.631
20.0	3701.526	3685.657	3665.682	3644.735	3643.250
20.5	3688.730	3667.139	3648.767	3625.661	3625.383
21.0	3661.322	3648.818	3627.000	3608.606	3606.704
21.5	3647.040	3631.031	3607.926	3586.027	3584.995
22.0	3629.788	3612.038	3587.644	3564.180	3566.989
22.5	3612.081	3590.944	3567.084	3544.630	3540.628
23.0	3588.295	3571.672	3548.742	3525.278	3526.602
23.5	3571.519	3551.727	3525.965	3502.757	3503.328
24.0	3552.188	3529.960	3505.603	3478.752	3481.144
24.5	3526.105	3509.203	3483.222	3458.390	3456.129
25.0	3507.308	3487.773	3461.989	3435.335	3435.767
25.5	3488.176	3466.680	3439.608	3414.695	3412.295
26.0	3466.884	3445.249	3416.415	3393.184	3390.367
26.5	3442.008	3423.007	3392.548	3368.030	3364.401

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CANDELA TABULATION - (Cont.)

27.0	3421.924	3399.813	3373.869	3345.034	3340.929
27.5	3397.523	3376.561	3347.983	3322.572	3321.833
28.0	3372.925	3352.834	3321.285	3299.913	3292.977
28.5	3350.741	3330.116	3300.645	3275.768	3268.891
29.0	3325.865	3306.922	3274.620	3252.158	3249.121
29.5	3302.811	3281.571	3251.148	3224.508	3220.323
30.0	3279.559	3257.170	3226.667	3203.393	3197.305
30.5	3254.009	3234.650	3203.671	3178.575	3174.507
31.0	3231.152	3207.476	3178.517	3153.143	3145.709
31.5	3203.305	3183.609	3151.680	3127.710	3123.781
32.0	3180.924	3158.594	3125.713	3103.566	3098.546
32.5	3151.592	3131.618	3099.747	3079.955	3072.638
33.0	3127.923	3105.929	3076.612	3052.364	3044.711
33.5	3102.037	3079.429	3046.665	3025.052	3018.269
34.0	3075.675	3052.928	3022.045	3003.321	2993.846
34.5	3048.363	3025.952	2996.217	2974.860	2968.751
35.0	3021.189	2998.639	2968.963	2951.249	2945.001
35.5	2995.025	2971.129	2942.660	2923.798	2916.064
36.0	2967.851	2944.826	2915.881	2897.217	2890.215
36.5	2939.866	2916.701	2888.766	2871.448	2862.090
37.0	2911.404	2889.725	2860.978	2844.808	2835.509
37.5	2883.557	2860.927	2833.863	2818.761	2812.966
38.0	2852.601	2833.139	2806.609	2790.636	2783.356
38.5	2826.971	2804.341	2778.820	2766.214	2758.260
39.0	2797.163	2778.177	2751.032	2738.425	2729.718
39.5	2768.504	2747.557	2722.293	2712.517	2701.513
40.0	2737.607	2720.105	2694.841	2685.739	2675.408
40.5	2708.472	2690.159	2665.904	2656.326	2648.351
41.0	2680.011	2661.558	2638.789	2630.696	2618.404
41.5	2647.291	2631.473	2610.525	2603.442	2589.665
42.0	2618.296	2601.862	2581.588	2574.169	2562.411
42.5	2589.498	2571.104	2551.839	2547.390	2534.483
43.0	2558.402	2542.979	2525.536	2520.948	2509.585
43.5	2528.792	2512.696	2495.113	2491.872	2483.143
44.0	2498.845	2482.610	2466.850	2462.459	2453.731
44.5	2468.087	2453.000	2438.586	2436.354	2426.674
45.0	2438.140	2422.577	2408.837	2407.753	2399.222
45.5	2407.045	2391.482	2379.424	2381.648	2370.424
46.0	2375.276	2361.396	2350.151	2353.048	2343.507
46.5	2345.805	2331.925	2321.550	2324.586	2315.243
47.0	2317.205	2300.354	2291.801	2296.322	2286.642
47.5	2285.575	2269.259	2262.527	2266.434	2258.239
48.0	2254.677	2239.649	2232.105	2238.309	2230.254
48.5	2223.582	2208.415	2202.832	2207.887	2201.792
49.0	2192.487	2177.656	2173.756	2181.445	2174.004
49.5	2159.708	2146.560	2144.146	2151.974	2146.750
50.0	2128.811	2115.663	2114.396	2122.561	2118.764
50.5	2097.042	2085.855	2084.450	2094.773	2091.115
51.0	2064.798	2053.135	2054.027	2064.490	2060.356
51.5	2032.217	2020.752	2023.605	2034.207	2032.706
52.0	1999.834	1989.320	1994.471	2005.804	2003.096
52.5	1967.927	1959.037	1964.048	1978.630	1975.923
53.0	1935.485	1926.317	1934.438	1947.001	1945.164
53.5	1903.578	1895.559	1904.828	1918.400	1917.376
54.0	1869.709	1864.463	1873.257	1886.968	1886.895
54.5	1835.168	1830.931	1841.825	1857.021	1857.760

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55.0	1805.894	1799.975	1813.027	1826.541	1828.289
55.5	1772.026	1767.255	1781.595	1797.406	1800.106
56.0	1738.970	1736.160	1752.461	1767.460	1769.823
56.5	1707.201	1704.589	1720.217	1737.315	1738.727
57.0	1674.621	1672.682	1689.934	1706.696	1710.346
57.5	1641.564	1641.586	1658.838	1674.590	1679.192
58.0	1608.172	1609.679	1627.882	1644.446	1647.702
58.5	1574.442	1576.623	1595.974	1614.639	1617.697
59.0	1543.010	1546.003	1565.691	1583.821	1589.316
59.5	1509.618	1512.610	1535.071	1553.341	1561.747
60.0	1475.413	1479.554	1503.778	1524.147	1531.544
60.5	1442.832	1447.785	1472.010	1493.469	1500.866
61.0	1410.083	1417.641	1442.678	1461.642	1469.039
61.5	1377.402	1383.773	1411.861	1429.676	1438.024
62.0	1343.874	1352.816	1381.241	1398.998	1405.663
62.5	1311.058	1319.899	1350.621	1366.834	1373.302
63.0	1280.847	1289.212	1318.853	1335.344	1341.614
63.5	1247.117	1256.463	1287.560	1302.844	1309.450
64.0	1213.388	1222.969	1254.781	1270.344	1276.753
64.5	1179.591	1190.187	1222.340	1237.681	1244.067
65.0	1145.184	1157.438	1190.374	1205.169	1211.369
65.5	1111.421	1124.790	1158.826	1174.410	1178.161
66.0	1077.658	1091.845	1126.523	1142.385	1146.647
66.5	1043.828	1059.407	1094.313	1109.525	1113.613
67.0	1010.146	1026.848	1061.767	1076.839	1079.836
67.5	976.781	994.228	1029.128	1042.900	1047.126
68.0	942.904	961.785	996.578	1009.958	1014.324
68.5	909.513	929.307	964.670	977.423	981.104
69.0	876.095	897.337	932.473	944.377	947.953
69.5	843.508	865.313	900.531	911.850	914.209
70.0	811.415	833.782	868.023	878.588	880.826
70.5	779.125	802.083	835.719	844.996	847.797
71.0	746.539	770.533	803.658	812.031	815.064
71.5	715.054	739.145	771.863	779.870	782.765
72.0	683.170	708.163	740.595	747.785	750.575
72.5	652.010	677.410	708.896	715.938	717.931
73.0	621.376	647.084	677.750	683.975	684.145
73.5	590.594	616.867	646.294	652.088	651.955
74.0	560.725	587.123	615.359	620.086	620.664
74.5	531.139	557.642	584.743	588.732	590.166
75.0	501.743	528.582	554.783	558.095	560.914
75.5	472.726	499.947	525.066	529.014	532.115
76.0	444.296	471.589	495.761	500.530	502.560
76.5	416.780	444.077	466.341	471.004	474.839
77.0	389.648	416.877	437.543	441.655	444.382
77.5	363.132	390.379	409.381	414.652	412.198
78.0	337.177	364.187	381.955	385.883	379.779
78.5	311.905	338.677	355.620	355.671	349.728
79.0	287.336	313.756	330.426	326.157	321.595
79.5	263.605	289.424	304.055	298.782	295.003
80.0	241.002	266.004	279.313	272.693	269.188
80.5	218.859	243.369	256.588	247.814	244.770
81.0	197.764	221.241	232.359	223.974	221.521
81.5	177.325	200.174	208.705	201.614	199.209
82.0	158.163	180.562	187.073	180.428	176.743
82.5	140.048	161.333	166.779	159.516	154.412

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CANDELA TABULATION - (Cont.)

83.0	122.934	142.841	147.635	138.352	133.440
83.5	107.064	125.450	129.334	118.583	114.958
84.0	92.113	109.208	112.079	101.426	99.894
84.5	78.338	94.291	95.469	87.572	87.390
85.0	65.678	80.638	79.773	75.691	75.756
85.5	54.181	67.531	66.306	64.970	65.000
86.0	43.927	56.080	55.371	54.801	54.775
86.5	34.904	45.764	45.827	45.442	45.991
87.0	26.928	36.669	37.145	37.328	37.423
87.5	20.277	28.553	29.585	29.185	29.056
88.0	14.775	21.726	22.437	21.617	21.244
88.5	10.483	15.857	15.491	14.068	13.648
89.0	7.191	10.488	9.457	8.489	8.394
89.5	4.670	6.328	5.102	5.284	5.413
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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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-L26-840-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-L26-840-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-L26-840-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1463.04	N.A.	14.30
0-30	3058.01	N.A.	29.80
0-40	4918.29	N.A.	48.00
0-60	8401.42	N.A.	81.90
0-80	10149.64	N.A.	99.00
0-90	10255.44	N.A.	100.00
10-90	9872.84	N.A.	96.30
20-40	3455.25	N.A.	33.70
20-50	5317.43	N.A.	51.80
40-70	4652.11	N.A.	45.40
60-80	1748.22	N.A.	17.00
70-80	579.24	N.A.	5.60
80-90	105.79	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	10255.44	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	382.60
10-20	1080.45
20-30	1594.97
30-40	1860.28
40-50	1862.18
50-60	1620.96
60-70	1168.98
70-80	579.24
80-90	105.79
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-L26-840-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-L26-840-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

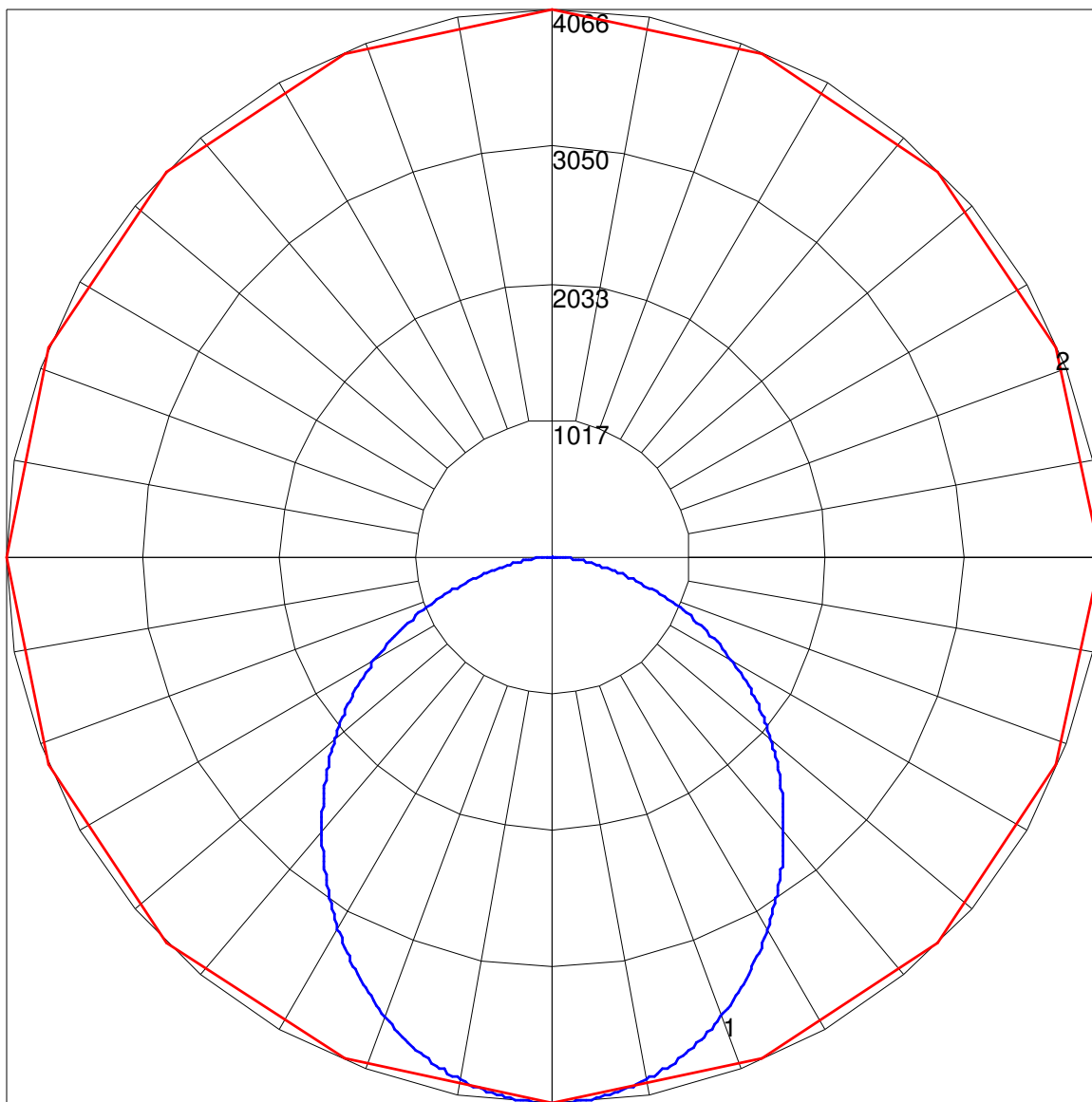
Reflectances

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	17.7	19.3	18.1	19.6	19.9	17.8	19.4	18.2	19.8	20.1
	3H	19.2	20.7	19.6	21.0	21.4	19.5	20.9	19.9	21.3	21.6
	4H	19.7	21.1	20.1	21.4	21.8	20.0	21.4	20.4	21.7	22.1
	6H	19.9	21.2	20.4	21.6	22.0	20.3	21.5	20.7	21.9	22.3
	8H	20.0	21.2	20.4	21.6	22.0	20.3	21.5	20.8	21.9	22.3
	12H	20.0	21.1	20.4	21.5	21.9	20.3	21.5	20.8	21.9	22.3
4H	2H	18.3	19.7	18.7	20.0	20.4	18.4	19.8	18.8	20.1	20.5
	3H	20.0	21.2	20.5	21.6	22.0	20.3	21.4	20.7	21.8	22.2
	4H	20.6	21.6	21.0	22.0	22.5	20.9	21.9	21.3	22.3	22.7
	6H	20.9	21.8	21.4	22.3	22.7	21.3	22.1	21.7	22.6	23.0
	8H	21.0	21.8	21.5	22.3	22.7	21.3	22.2	21.8	22.6	23.1
	12H	21.0	21.8	21.5	22.3	22.7	21.3	22.1	21.8	22.6	23.0
8H	4H	20.8	21.7	21.3	22.1	22.6	21.1	21.9	21.6	22.4	22.8
	6H	21.3	22.0	21.8	22.4	22.9	21.5	22.2	22.0	22.7	23.2
	8H	21.4	22.0	21.9	22.5	23.0	21.6	22.3	22.1	22.8	23.2
	12H	21.4	22.0	21.9	22.5	23.0	21.7	22.2	22.2	22.7	23.3
12H	4H	20.9	21.6	21.3	22.1	22.5	21.1	21.8	21.6	22.3	22.8
	6H	21.3	21.9	21.8	22.4	22.9	21.6	22.2	22.1	22.6	23.2
	8H	21.4	22.0	21.9	22.5	23.0	21.7	22.2	22.2	22.7	23.3

Maximum UGR = 23.3

POLAR GRAPH



Maximum Candela = 4066.432 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.)