

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L26-835-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-L26-835-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	9957
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
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	5486	5420	5398
55	5009	5029	5071
65	4311	4481	4560
75	3084	3410	3448
85	1199	1456	1383

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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	3941.223	3941.223	3941.223	3941.223	3941.223
0.5	3942.473	3938.993	3939.184	3935.299	3940.129
1.0	3947.318	3936.897	3943.780	3933.338	3947.993
1.5	3945.492	3934.801	3938.396	3931.896	3945.052
2.0	3944.050	3931.456	3935.455	3933.914	3943.723
2.5	3939.646	3928.437	3931.513	3928.664	3939.149
3.0	3937.089	3933.225	3932.820	3921.184	3933.090
3.5	3938.858	3931.186	3925.610	3921.973	3936.762
4.0	3932.244	3924.303	3923.031	3918.627	3933.878
4.5	3928.955	3924.629	3914.706	3911.666	3925.553
5.0	3925.340	3918.975	3915.686	3905.898	3922.839
5.5	3920.147	3913.861	3908.725	3907.318	3917.782
6.0	3915.494	3906.302	3902.033	3894.916	3912.859
6.5	3906.707	3897.707	3899.725	3892.415	3905.436
7.0	3904.399	3896.592	3888.956	3884.530	3894.553
7.5	3897.842	3889.112	3884.765	3875.608	3889.552
8.0	3890.881	3882.421	3880.226	3868.185	3878.975
8.5	3879.672	3872.305	3868.015	3855.783	3869.649
9.0	3874.997	3865.344	3859.341	3849.013	3863.667
9.5	3868.690	3858.191	3848.978	3841.647	3850.995
10.0	3857.672	3848.537	3842.151	3830.629	3840.340
10.5	3844.424	3839.807	3831.439	3820.187	3828.207
11.0	3830.793	3827.674	3821.999	3807.706	3821.686
11.5	3827.483	3819.924	3807.422	3797.129	3807.976
12.0	3818.291	3809.752	3798.884	3786.552	3793.265
12.5	3809.426	3796.099	3790.211	3773.226	3783.093
13.0	3794.025	3784.677	3775.578	3762.187	3771.188
13.5	3784.372	3773.255	3762.173	3746.439	3761.974
14.0	3772.161	3761.889	3751.404	3731.863	3746.283
14.5	3760.469	3747.583	3736.118	3721.016	3728.439
15.0	3746.105	3734.662	3721.407	3705.324	3713.784
15.5	3736.970	3717.798	3706.965	3689.498	3694.172
16.0	3719.261	3704.472	3693.234	3674.652	3685.591
16.5	3708.684	3691.146	3677.678	3660.267	3664.593
17.0	3693.263	3675.916	3663.890	3641.691	3652.169
17.5	3677.514	3660.821	3645.179	3625.077	3633.459
18.0	3658.363	3643.823	3629.815	3610.095	3613.498
18.5	3647.978	3632.784	3613.988	3591.385	3594.077
19.0	3628.557	3611.076	3593.779	3575.750	3576.595
19.5	3615.231	3595.903	3578.144	3557.231	3558.865
20.0	3593.715	3578.308	3558.915	3538.578	3537.136
20.5	3581.291	3560.329	3542.492	3520.059	3519.789
21.0	3554.682	3542.542	3521.359	3503.501	3501.654
21.5	3540.816	3525.273	3502.840	3481.580	3480.578
22.0	3524.066	3506.833	3483.150	3460.369	3463.096
22.5	3506.875	3486.353	3463.189	3441.388	3437.503
23.0	3483.782	3467.643	3445.380	3422.600	3423.885
23.5	3467.494	3448.279	3423.267	3400.735	3401.289
24.0	3448.726	3427.146	3403.498	3377.429	3379.751
24.5	3423.403	3406.994	3381.769	3357.660	3355.465
25.0	3405.154	3386.188	3361.155	3335.277	3335.696
25.5	3386.578	3365.708	3339.425	3315.238	3312.908
26.0	3365.907	3344.902	3316.907	3294.354	3291.619
26.5	3341.755	3323.308	3293.736	3269.932	3266.409

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CANDELA TABULATION - (Cont.)

27.0	3322.256	3300.790	3275.601	3247.606	3243.621
27.5	3298.566	3278.215	3250.469	3225.798	3225.081
28.0	3274.685	3255.179	3224.548	3203.799	3197.065
28.5	3253.147	3233.122	3204.509	3180.357	3173.680
29.0	3228.995	3210.604	3179.242	3157.435	3154.487
29.5	3206.612	3185.991	3156.454	3130.591	3126.527
30.0	3184.037	3162.301	3132.686	3110.090	3104.180
30.5	3159.232	3140.436	3110.360	3085.995	3082.046
31.0	3137.041	3114.054	3085.938	3061.303	3054.086
31.5	3110.005	3090.883	3059.883	3036.612	3032.797
32.0	3088.276	3066.596	3034.673	3013.170	3008.297
32.5	3059.798	3040.406	3009.463	2990.248	2983.144
33.0	3036.818	3015.465	2987.002	2963.460	2956.030
33.5	3011.686	2989.737	2957.927	2936.943	2930.358
34.0	2986.093	2964.008	2934.024	2915.846	2906.647
34.5	2959.575	2937.818	2908.949	2888.214	2882.282
35.0	2933.193	2911.300	2882.488	2865.291	2859.224
35.5	2907.791	2884.591	2856.952	2838.639	2831.130
36.0	2881.409	2859.054	2830.953	2812.832	2806.034
36.5	2854.238	2831.749	2804.627	2787.813	2778.728
37.0	2826.606	2805.558	2777.649	2761.950	2752.921
37.5	2799.570	2777.599	2751.323	2736.661	2731.035
38.0	2769.515	2750.620	2724.863	2709.356	2702.288
38.5	2744.632	2722.661	2697.884	2685.644	2677.923
39.0	2715.693	2697.259	2670.905	2658.665	2650.212
39.5	2687.868	2667.531	2643.003	2633.512	2622.828
40.0	2657.871	2640.879	2616.350	2607.513	2597.483
40.5	2629.585	2611.804	2588.256	2578.957	2571.215
41.0	2601.952	2584.037	2561.931	2554.074	2542.140
41.5	2570.185	2554.828	2534.490	2527.614	2514.238
42.0	2542.035	2526.080	2506.396	2499.193	2487.777
42.5	2514.075	2496.217	2477.513	2473.194	2460.664
43.0	2483.886	2468.911	2451.976	2447.522	2436.490
43.5	2455.138	2439.510	2422.440	2419.293	2410.819
44.0	2426.064	2410.301	2395.000	2390.737	2382.263
44.5	2396.201	2381.553	2367.559	2365.392	2355.994
45.0	2367.126	2352.017	2338.676	2337.625	2329.342
45.5	2336.936	2321.827	2310.120	2312.280	2301.383
46.0	2306.093	2292.618	2281.700	2284.512	2275.249
46.5	2277.481	2264.005	2253.932	2256.880	2247.808
47.0	2249.713	2233.354	2225.049	2229.439	2220.041
47.5	2219.005	2203.164	2196.629	2200.421	2192.465
48.0	2189.007	2174.416	2167.092	2173.116	2165.295
48.5	2158.817	2144.092	2138.671	2143.580	2137.662
49.0	2128.628	2114.229	2110.442	2117.908	2110.683
49.5	2096.804	2084.039	2081.695	2089.295	2084.223
50.0	2066.806	2054.041	2052.812	2060.739	2057.052
50.5	2035.963	2025.102	2023.738	2033.760	2030.208
51.0	2004.658	1993.335	1994.201	2004.359	2000.345
51.5	1973.027	1961.895	1964.665	1974.958	1973.501
52.0	1941.587	1931.379	1936.379	1947.382	1944.754
52.5	1910.609	1901.978	1906.843	1921.000	1918.372
53.0	1879.112	1870.211	1878.095	1890.292	1888.509
53.5	1848.134	1840.348	1849.348	1862.524	1861.530
54.0	1815.252	1810.158	1818.696	1832.008	1831.937
54.5	1781.716	1777.603	1788.180	1802.933	1803.651

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55.0	1753.295	1747.549	1760.221	1773.340	1775.038
55.5	1720.414	1715.782	1729.704	1745.055	1747.676
56.0	1688.320	1685.592	1701.418	1715.980	1718.274
56.5	1657.477	1654.941	1670.113	1686.714	1688.085
57.0	1625.845	1623.963	1640.712	1656.986	1660.530
57.5	1593.752	1593.773	1610.523	1625.816	1630.284
58.0	1561.332	1562.795	1580.468	1596.550	1599.711
58.5	1528.585	1530.701	1549.490	1567.610	1570.579
59.0	1498.068	1500.974	1520.089	1537.691	1543.025
59.5	1465.648	1468.553	1490.361	1508.098	1516.259
60.0	1432.440	1436.460	1459.979	1479.755	1486.936
60.5	1400.808	1405.617	1429.136	1449.970	1457.152
61.0	1369.013	1376.351	1400.658	1419.070	1426.252
61.5	1337.283	1343.469	1370.738	1388.035	1396.140
62.0	1304.732	1313.414	1341.011	1358.250	1364.721
62.5	1272.872	1281.456	1311.283	1327.024	1333.303
63.0	1243.540	1251.662	1280.439	1296.450	1302.538
63.5	1210.793	1219.867	1250.058	1264.897	1271.311
64.0	1178.046	1187.349	1218.234	1233.343	1239.566
64.5	1145.234	1155.521	1186.738	1201.632	1207.832
65.0	1111.830	1123.726	1155.703	1170.067	1176.087
65.5	1079.050	1092.029	1125.073	1140.204	1143.845
66.0	1046.270	1060.044	1093.712	1109.112	1113.249
66.5	1013.425	1028.551	1062.440	1077.209	1081.177
67.0	980.725	996.940	1030.842	1045.475	1048.384
67.5	948.332	965.270	999.153	1012.524	1016.628
68.0	915.440	933.771	967.552	980.542	984.781
68.5	883.022	902.240	936.573	948.955	952.528
69.0	850.577	871.201	905.313	916.871	920.343
69.5	818.940	840.110	874.302	885.291	887.581
70.0	787.781	809.497	842.740	852.998	855.171
70.5	756.432	778.721	811.377	820.384	823.103
71.0	724.795	748.090	780.251	788.380	791.324
71.5	694.227	717.616	749.382	757.156	759.966
72.0	663.272	687.537	719.025	726.005	728.714
72.5	633.019	657.680	688.248	695.085	697.021
73.0	603.278	628.237	658.010	664.054	664.218
73.5	573.392	598.900	627.470	633.095	632.966
74.0	544.393	570.022	597.436	602.026	602.587
74.5	515.669	541.400	567.712	571.585	572.977
75.0	487.129	513.186	538.624	541.840	544.577
75.5	458.957	485.385	509.773	513.606	516.617
76.0	431.356	457.854	481.321	485.952	487.922
76.5	404.641	431.143	452.758	457.286	461.009
77.0	378.299	404.735	424.799	428.791	431.439
77.5	352.556	379.009	397.457	402.575	400.193
78.0	327.356	353.579	370.831	374.644	368.717
78.5	302.820	328.813	345.262	345.312	339.542
79.0	278.967	304.618	320.802	316.658	312.229
79.5	255.927	280.994	295.199	290.080	286.411
80.0	233.983	258.257	271.178	264.751	261.347
80.5	212.485	236.281	249.114	240.596	237.641
81.0	192.004	214.797	225.591	217.451	215.069
81.5	172.160	194.344	202.626	195.742	193.406
82.0	153.556	175.302	181.624	175.173	171.595
82.5	135.969	156.634	161.922	154.869	149.914

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CANDELA TABULATION - (Cont.)

83.0	119.354	138.681	143.335	134.323	129.554
83.5	103.946	121.796	125.567	115.129	111.609
84.0	89.430	106.028	108.814	98.472	96.984
84.5	76.056	91.545	92.688	85.021	84.845
85.0	63.765	78.289	77.450	73.486	73.550
85.5	52.602	65.564	64.374	63.077	63.106
86.0	42.648	54.447	53.758	53.205	53.180
86.5	33.887	44.431	44.492	44.119	44.652
87.0	26.144	35.601	36.064	36.240	36.333
87.5	19.687	27.721	28.724	28.335	28.210
88.0	14.345	21.093	21.783	20.987	20.626
88.5	10.178	15.395	15.039	13.659	13.251
89.0	6.982	10.182	9.182	8.241	8.149
89.5	4.534	6.144	4.953	5.130	5.255
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-L26-835-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-L26-835-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-L26-835-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1420.43	N.A.	14.30
0-30	2968.94	N.A.	29.80
0-40	4775.04	N.A.	48.00
0-60	8156.72	N.A.	81.90
0-80	9854.02	N.A.	99.00
0-90	9956.74	N.A.	100.00
10-90	9585.29	N.A.	96.30
20-40	3354.61	N.A.	33.70
20-50	5162.55	N.A.	51.80
40-70	4516.61	N.A.	45.40
60-80	1697.3	N.A.	17.00
70-80	562.37	N.A.	5.60
80-90	102.71	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	9956.74	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	371.45
10-20	1048.98
20-30	1548.51
30-40	1806.1
40-50	1807.94
50-60	1573.74
60-70	1134.93
70-80	562.37
80-90	102.71
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-L26-835-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-L26-835-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

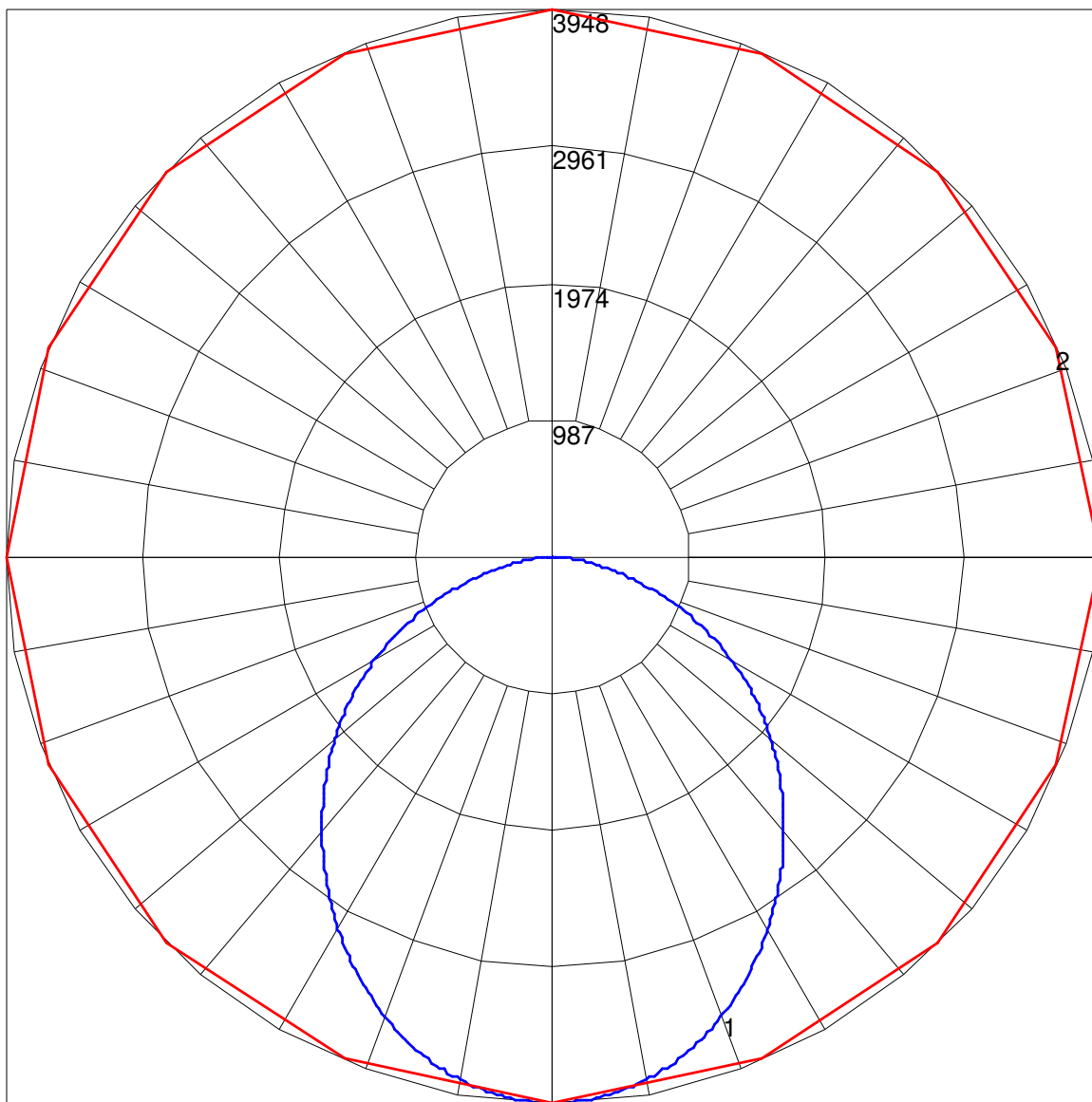
Reflectances

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	17.6	19.2	18.0	19.5	19.8	17.7	19.3	18.1	19.7	20.0
	3H	19.1	20.6	19.5	20.9	21.3	19.4	20.8	19.8	21.2	21.5
	4H	19.6	21.0	20.0	21.3	21.7	19.9	21.3	20.3	21.6	22.0
	6H	19.8	21.1	20.3	21.5	21.9	20.2	21.4	20.6	21.8	22.2
	8H	19.9	21.1	20.3	21.5	21.9	20.2	21.4	20.7	21.8	22.2
	12H	19.9	21.0	20.3	21.4	21.8	20.2	21.4	20.7	21.8	22.2
4H	2H	18.2	19.6	18.6	19.9	20.3	18.3	19.7	18.7	20.0	20.4
	3H	19.9	21.1	20.3	21.5	21.9	20.2	21.3	20.6	21.7	22.1
	4H	20.5	21.5	20.9	21.9	22.4	20.8	21.8	21.2	22.2	22.6
	6H	20.8	21.7	21.3	22.2	22.6	21.2	22.0	21.6	22.5	22.9
	8H	20.9	21.7	21.4	22.2	22.6	21.2	22.1	21.7	22.5	23.0
	12H	20.9	21.7	21.4	22.2	22.6	21.2	22.0	21.7	22.5	22.9
8H	4H	20.7	21.6	21.2	22.0	22.5	21.0	21.8	21.5	22.3	22.7
	6H	21.2	21.9	21.7	22.3	22.8	21.4	22.1	21.9	22.6	23.1
	8H	21.3	21.9	21.8	22.4	22.9	21.5	22.2	22.0	22.7	23.1
	12H	21.3	21.9	21.8	22.3	22.9	21.6	22.1	22.1	22.6	23.2
12H	4H	20.8	21.5	21.2	22.0	22.4	21.0	21.7	21.5	22.2	22.7
	6H	21.2	21.8	21.7	22.3	22.8	21.5	22.1	22.0	22.5	23.1
	8H	21.3	21.9	21.8	22.3	22.9	21.6	22.1	22.1	22.6	23.2

Maximum UGR = 23.2

POLAR GRAPH



Maximum Candela = 3947.993 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.)