

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L66-935-CA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155668.03

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-08-07

[TEST DATE] 3/17/2026

[MANUFAC] H E Williams Inc

[LUMCAT] CMR4AEG-L66-935-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	13255
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	133.9
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	7098	7233	7418
55	6498	6831	7147
65	5606	6217	6546
75	4021	4806	4959
85	1565	1844	1683

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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	5075.084	5075.084	5075.084	5075.084	5075.084
0.5	5076.060	5072.044	5073.276	5070.891	5069.469
1.0	5084.603	5068.460	5078.812	5066.763	5081.885
1.5	5079.932	5064.877	5072.444	5064.556	5075.693
2.0	5077.724	5060.317	5066.252	5070.459	5077.036
2.5	5073.420	5056.445	5062.092	5063.547	5067.405
3.0	5069.692	5063.212	5064.844	5053.595	5063.756
3.5	5072.588	5061.404	5053.804	5054.427	5069.004
4.0	5061.149	5051.053	5054.171	5049.867	5064.588
4.5	5058.364	5051.741	5041.612	5041.835	5052.029
5.0	5054.892	5046.460	5043.676	5033.003	5052.940
5.5	5049.756	5039.004	5035.643	5039.306	5047.259
6.0	5042.444	5031.372	5026.524	5023.130	5041.035
6.5	5029.740	5019.900	5025.803	5021.178	5032.859
7.0	5029.020	5018.380	5013.067	5012.857	5016.572
7.5	5019.356	5008.428	5005.899	5000.697	5012.667
8.0	5011.324	4999.308	5002.139	4992.521	5001.162
8.5	4994.349	4987.948	4987.194	4976.345	4990.634
9.0	4991.132	4979.916	4978.042	4969.545	4984.666
9.5	4984.476	4970.652	4963.674	4963.144	4969.577
10.0	4968.732	4959.435	4955.098	4947.400	4960.392
10.5	4949.949	4948.507	4944.137	4935.352	4943.128
11.0	4928.702	4931.244	4930.058	4921.495	4939.335
11.5	4930.012	4922.380	4912.618	4909.991	4920.408
12.0	4918.940	4909.244	4902.921	4898.486	4903.511
12.5	4908.556	4892.092	4893.769	4882.022	4890.375
13.0	4884.413	4877.979	4874.553	4870.373	4880.214
13.5	4873.197	4863.867	4860.408	4849.637	4873.236
14.0	4858.253	4851.531	4847.672	4832.197	4854.276
14.5	4845.228	4833.003	4827.080	4821.780	4829.956
15.0	4824.925	4814.907	4810.184	4802.820	4814.835
15.5	4815.628	4792.652	4792.200	4784.403	4787.620
16.0	4790.765	4776.187	4777.367	4768.051	4786.113
16.5	4779.260	4759.723	4757.863	4751.842	4758.466
17.0	4759.212	4740.907	4741.254	4728.466	4746.384
17.5	4738.476	4721.547	4718.422	4709.217	4723.552
18.0	4711.405	4699.835	4700.150	4693.408	4699.744
18.5	4701.132	4688.186	4681.733	4670.576	4673.760
19.0	4675.149	4657.387	4654.918	4653.391	4655.999
19.5	4658.685	4640.347	4637.733	4631.791	4635.230
20.0	4629.117	4619.034	4612.981	4610.734	4608.526
20.5	4617.036	4595.259	4594.964	4589.133	4590.221
21.0	4575.918	4572.715	4567.860	4571.660	4571.084
21.5	4561.629	4552.090	4546.260	4543.724	4545.755
22.0	4542.925	4528.170	4521.364	4518.940	4527.994
22.5	4519.981	4502.442	4497.555	4497.195	4494.810
23.0	4488.749	4479.610	4479.106	4476.682	4483.528
23.5	4470.189	4455.402	4449.938	4450.521	4458.311
24.0	4445.581	4428.298	4427.361	4422.153	4432.839
24.5	4411.310	4403.258	4400.657	4399.576	4402.407
25.0	4388.622	4376.842	4375.473	4371.496	4379.830
25.5	4365.245	4351.114	4348.769	4350.007	4353.381
26.0	4338.286	4324.698	4321.232	4325.910	4330.916
26.5	4307.310	4297.450	4292.320	4296.022	4300.195

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CANDELA TABULATION - (Cont.)

27.0	4283.645	4269.913	4273.183	4269.717	4273.747
27.5	4252.814	4240.602	4240.143	4245.332	4256.241
28.0	4220.750	4211.146	4206.271	4219.716	4218.785
28.5	4195.278	4183.753	4184.782	4191.891	4192.736
29.0	4164.302	4156.217	4152.286	4165.986	4173.855
29.5	4136.222	4125.097	4125.838	4131.826	4138.175
30.0	4106.910	4094.265	4097.325	4110.193	4115.965
30.5	4074.558	4068.105	4071.021	4080.992	4090.892
31.0	4047.710	4034.089	4041.132	4052.192	4055.212
31.5	4012.318	4005.177	4007.804	4023.391	4032.747
32.0	3985.614	3974.745	3977.084	3995.566	4005.177
32.5	3948.014	3941.961	3946.363	3969.661	3976.233
33.0	3920.334	3910.153	3920.603	3937.277	3943.160
33.5	3887.294	3877.513	3883.403	3903.805	3912.296
34.0	3854.110	3844.873	3855.434	3882.571	3885.559
34.5	3820.638	3812.088	3824.170	3847.579	3857.446
35.0	3786.622	3778.616	3792.473	3821.674	3832.085
35.5	3754.670	3743.913	3761.065	3788.746	3796.948
36.0	3720.654	3712.504	3729.513	3758.425	3769.779
36.5	3685.806	3678.200	3697.272	3728.936	3735.475
37.0	3650.814	3645.416	3663.656	3696.840	3705.154
37.5	3615.423	3609.736	3631.416	3668.439	3683.088
38.0	3576.159	3576.120	3599.719	3634.135	3646.576
38.5	3546.127	3540.440	3566.103	3607.398	3618.464
39.0	3508.383	3508.488	3532.487	3573.782	3585.791
39.5	3472.159	3469.912	3498.582	3544.837	3553.806
40.0	3434.671	3436.984	3465.654	3513.284	3523.629
40.5	3398.303	3399.784	3430.518	3478.004	3493.165
41.0	3363.311	3365.336	3398.277	3447.972	3455.965
41.5	3322.927	3328.679	3364.517	3416.275	3422.060
42.0	3286.015	3292.167	3329.381	3380.451	3390.364
42.5	3250.335	3254.135	3293.413	3348.898	3357.291
43.0	3211.615	3219.831	3262.004	3318.034	3330.410
43.5	3175.103	3181.943	3224.660	3283.442	3299.546
44.0	3137.904	3145.287	3190.900	3248.161	3264.265
44.5	3099.872	3108.775	3157.140	3217.985	3233.800
45.0	3062.672	3071.431	3121.171	3183.536	3200.872
45.5	3023.952	3032.711	3085.891	3153.360	3165.192
46.0	2983.856	2996.055	3050.067	3118.912	3134.183
46.5	2946.800	2958.999	3015.619	3083.919	3100.423
47.0	2912.352	2920.135	2979.651	3050.159	3065.975
47.5	2871.712	2881.416	2943.826	3014.735	3032.758
48.0	2834.224	2844.904	2906.482	2980.431	2997.910
48.5	2795.504	2806.727	2870.658	2943.087	2962.918
49.0	2756.784	2768.695	2836.066	2912.222	2929.302
49.5	2714.625	2729.976	2799.554	2875.166	2897.606
50.0	2677.137	2692.487	2763.586	2839.886	2862.758
50.5	2637.041	2654.744	2726.386	2806.270	2828.598
51.0	2596.801	2614.360	2689.042	2768.382	2790.566
51.5	2555.873	2574.664	2651.698	2730.494	2756.406
52.0	2516.177	2535.256	2615.330	2697.278	2719.894
52.5	2476.625	2497.368	2577.986	2663.262	2685.878
53.0	2435.154	2456.984	2541.474	2622.622	2647.846
53.5	2395.602	2418.952	2504.962	2588.174	2614.230
54.0	2353.698	2380.232	2466.098	2548.766	2575.110
54.5	2310.418	2339.016	2426.690	2511.566	2538.742

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55.0	2274.594	2299.752	2391.010	2472.447	2501.687
55.5	2232.690	2259.368	2351.602	2436.079	2465.607
56.0	2191.618	2220.648	2315.234	2398.879	2427.719
56.5	2151.522	2181.784	2274.994	2360.447	2388.999
57.0	2110.595	2142.233	2237.107	2321.871	2351.688
57.5	2069.523	2103.513	2198.387	2281.088	2311.192
58.0	2027.763	2063.961	2159.123	2242.656	2270.009
58.5	1985.315	2022.889	2119.571	2204.912	2231.034
59.0	1945.907	1984.313	2081.683	2165.105	2193.722
59.5	1904.148	1942.553	2043.107	2125.985	2157.243
60.0	1861.556	1901.481	2003.156	2087.842	2117.036
60.5	1820.628	1861.386	1963.060	2047.491	2076.685
61.0	1779.356	1822.954	1925.461	2005.620	2034.814
61.5	1738.222	1781.050	1885.653	1964.292	1993.774
62.0	1696.187	1741.786	1847.077	1923.941	1949.984
62.5	1654.778	1700.171	1808.502	1881.382	1906.193
63.0	1616.208	1661.457	1768.406	1840.198	1863.778
63.5	1573.761	1620.185	1728.454	1796.951	1821.219
64.0	1531.313	1578.219	1686.295	1753.704	1776.740
64.5	1488.728	1536.879	1644.823	1710.291	1732.616
65.0	1445.723	1495.607	1603.496	1666.689	1688.137
65.5	1403.206	1454.542	1562.939	1626.254	1642.449
66.0	1360.690	1413.035	1520.924	1583.151	1600.556
66.5	1318.036	1372.150	1479.347	1538.506	1555.389
67.0	1275.602	1330.936	1437.082	1494.382	1509.118
67.5	1233.734	1289.762	1394.379	1447.945	1464.285
68.0	1191.065	1248.700	1351.527	1403.217	1419.012
68.5	1148.896	1207.569	1309.572	1358.905	1372.969
69.0	1106.835	1167.060	1266.944	1313.383	1326.654
69.5	1065.730	1126.360	1224.921	1268.839	1279.456
70.0	1025.302	1086.336	1181.906	1222.958	1233.246
70.5	984.638	1045.969	1138.894	1176.568	1187.260
71.0	943.532	1005.822	1096.132	1131.129	1141.716
71.5	903.933	965.841	1053.333	1086.755	1096.479
72.0	863.685	926.277	1011.280	1042.286	1051.217
72.5	824.418	887.017	968.510	997.889	1005.524
73.0	785.897	848.295	926.376	953.340	958.489
73.5	747.154	809.549	883.856	908.697	913.227
74.0	709.451	771.356	841.903	863.902	869.057
74.5	672.243	733.535	800.106	820.182	825.596
75.0	635.093	696.076	759.152	777.265	783.275
75.5	598.467	659.157	718.448	735.874	741.384
76.0	562.548	622.556	678.337	694.958	698.444
76.5	527.666	586.856	638.074	652.905	657.348
77.0	493.487	551.542	598.586	610.964	613.724
77.5	459.905	517.087	559.817	571.668	568.640
78.0	427.137	482.841	521.975	530.665	523.073
78.5	395.104	449.330	485.284	488.288	479.866
79.0	363.928	416.524	449.935	446.590	438.176
79.5	333.885	384.424	413.584	406.947	398.478
80.0	305.239	353.362	379.075	368.690	359.952
80.5	277.201	323.241	346.700	331.912	323.373
81.0	250.476	293.743	312.991	296.680	288.437
81.5	224.595	265.503	280.041	263.479	255.250
82.0	200.331	238.994	249.404	232.098	222.661
82.5	177.381	213.186	220.344	201.854	191.753

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CANDELA TABULATION - (Cont.)

83.0	155.730	188.305	192.805	172.590	163.543
83.5	135.628	164.930	166.576	146.091	139.426
84.0	116.741	143.074	142.069	123.607	119.979
84.5	99.266	122.851	119.048	105.639	103.944
85.0	83.243	104.299	98.061	90.378	89.520
85.5	68.684	86.617	80.386	76.993	76.475
86.0	55.675	71.076	66.233	64.654	64.353
86.5	44.268	57.110	54.258	53.556	54.015
87.0	34.176	44.979	43.717	44.007	44.036
87.5	25.715	34.434	34.805	34.567	34.469
88.0	18.774	25.861	26.487	25.887	25.539
88.5	13.313	18.751	18.581	17.330	16.968
89.0	9.152	12.495	11.714	10.893	10.864
89.5	5.986	7.718	6.702	6.992	7.089
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-L66-935-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-L66-935-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-L66-935-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1835.13	N.A.	13.80
0-30	3851.23	N.A.	29.10
0-40	6227.64	N.A.	47.00
0-60	10772.53	N.A.	81.30
0-80	13118.6	N.A.	99.00
0-90	13254.72	N.A.	100.00
10-90	12776.01	N.A.	96.40
20-40	4392.52	N.A.	33.10
20-50	6804.17	N.A.	51.30
40-70	6108.51	N.A.	46.10
60-80	2346.07	N.A.	17.70
70-80	782.45	N.A.	5.90
80-90	136.11	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	13254.72	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	478.71
10-20	1356.42
20-30	2016.1
30-40	2376.41
40-50	2411.65
50-60	2133.24
60-70	1563.62
70-80	782.45
80-90	136.11
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-L66-935-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	64	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	28	39	32	27	38	32	27	37	31	27	25

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AEG-L66-935-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

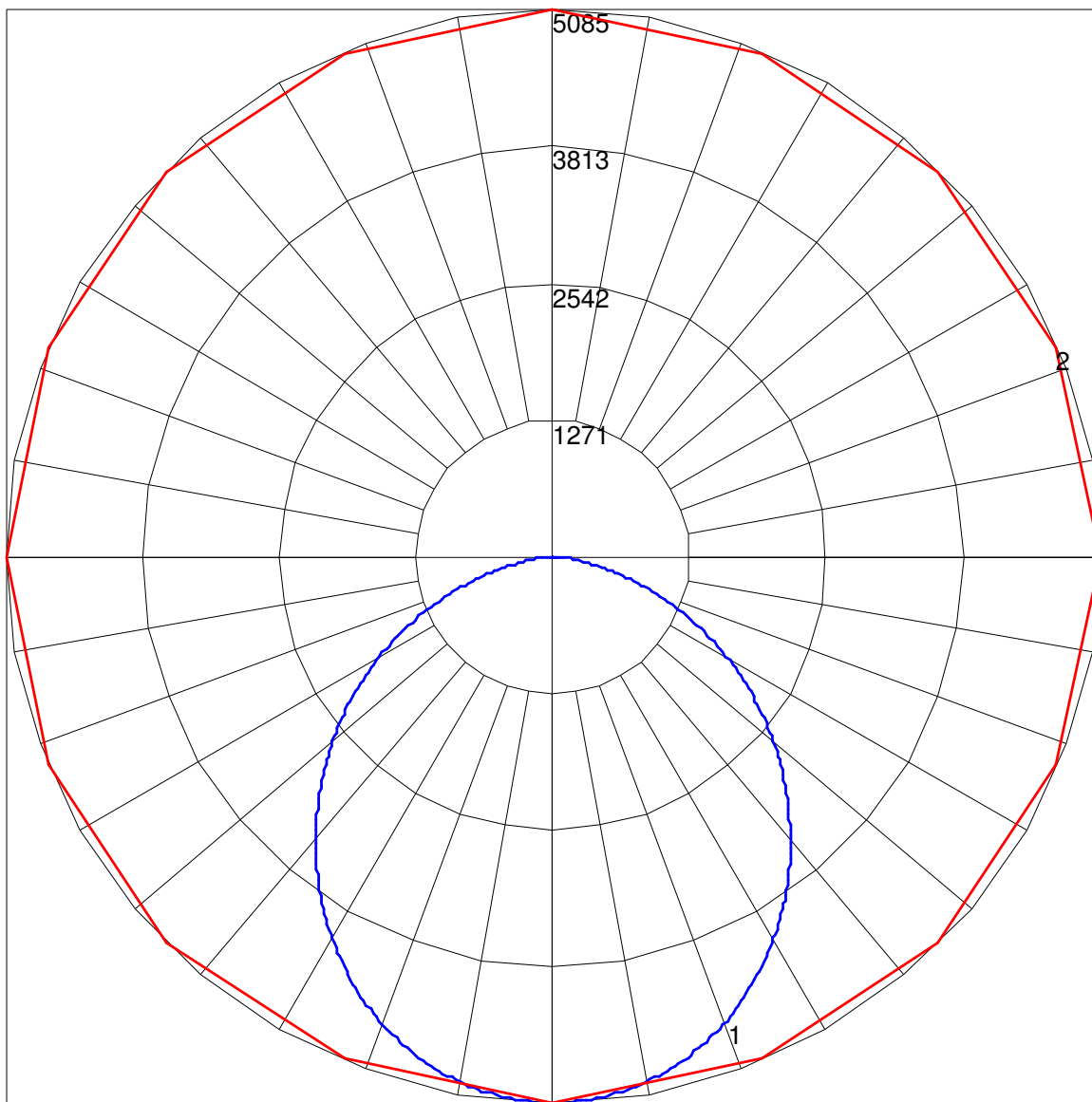
Reflectances

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	18.5	20.1	18.9	20.4	20.7	19.1	20.7	19.5	21.0	21.4
	3H	20.0	21.5	20.4	21.8	22.2	20.8	22.3	21.2	22.6	23.0
	4H	20.5	21.9	20.9	22.2	22.6	21.3	22.7	21.7	23.1	23.4
	6H	20.8	22.0	21.2	22.4	22.8	21.6	22.9	22.0	23.3	23.7
	8H	20.8	22.0	21.2	22.4	22.8	21.7	22.9	22.1	23.3	23.7
	12H	20.8	22.0	21.3	22.4	22.8	21.7	22.8	22.1	23.2	23.6
4H	2H	19.2	20.6	19.6	20.9	21.3	19.7	21.0	20.1	21.4	21.8
	3H	20.9	22.1	21.4	22.5	22.9	21.6	22.7	22.0	23.1	23.5
	4H	21.5	22.5	21.9	22.9	23.4	22.2	23.2	22.6	23.7	24.1
	6H	21.9	22.7	22.3	23.2	23.6	22.6	23.5	23.1	23.9	24.4
	8H	21.9	22.8	22.4	23.2	23.7	22.6	23.5	23.1	23.9	24.4
	12H	21.9	22.7	22.4	23.2	23.6	22.7	23.4	23.1	23.9	24.4
8H	4H	21.8	22.6	22.3	23.1	23.5	22.4	23.3	22.9	23.7	24.2
	6H	22.2	22.9	22.7	23.4	23.9	22.9	23.6	23.4	24.0	24.5
	8H	22.3	22.9	22.8	23.4	23.9	22.9	23.6	23.5	24.1	24.6
	12H	22.4	22.9	22.9	23.4	24.0	23.0	23.5	23.5	24.0	24.6
12H	4H	21.8	22.5	22.3	23.0	23.5	22.4	23.2	22.9	23.7	24.1
	6H	22.2	22.9	22.8	23.3	23.9	22.9	23.5	23.4	24.0	24.5
	8H	22.4	22.9	22.9	23.4	24.0	23.0	23.5	23.5	24.0	24.6

Maximum UGR = 24.6

POLAR GRAPH



Maximum Candela = 5084.603 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.)