

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L66-927-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-L66-927-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	12776
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
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	6841	6972	7150
55	6264	6584	6889
65	5403	5993	6309
75	3876	4633	4780
85	1509	1777	1622

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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	4891.647	4891.647	4891.647	4891.647	4891.647
0.5	4892.588	4888.717	4889.904	4887.606	4886.235
1.0	4900.823	4885.263	4895.240	4883.627	4898.202
1.5	4896.320	4881.809	4889.102	4881.499	4892.234
2.0	4894.192	4877.414	4883.135	4887.189	4893.529
2.5	4890.043	4873.682	4879.125	4880.527	4884.246
3.0	4886.450	4880.205	4881.777	4870.935	4880.729
3.5	4889.241	4878.462	4871.137	4871.737	4885.787
4.0	4878.216	4868.485	4871.490	4867.342	4881.531
4.5	4875.532	4869.148	4859.385	4859.600	4869.425
5.0	4872.185	4864.058	4861.374	4851.087	4870.303
5.5	4867.234	4856.872	4853.632	4857.162	4864.828
6.0	4860.187	4849.515	4844.842	4841.571	4858.829
6.5	4847.943	4838.458	4844.147	4839.689	4850.948
7.0	4847.248	4836.993	4831.871	4831.669	4835.250
7.5	4837.934	4827.401	4824.963	4819.949	4831.486
8.0	4830.192	4818.610	4821.338	4812.068	4820.398
8.5	4813.830	4807.661	4806.934	4796.477	4810.250
9.0	4810.730	4799.919	4798.113	4789.922	4804.497
9.5	4804.314	4790.990	4784.264	4783.753	4789.954
10.0	4789.139	4780.179	4775.998	4768.578	4781.101
10.5	4771.035	4769.646	4765.434	4756.966	4764.461
11.0	4750.556	4753.006	4751.863	4743.610	4760.805
11.5	4751.819	4744.462	4735.053	4732.521	4742.562
12.0	4741.147	4731.801	4725.707	4721.432	4726.276
12.5	4731.138	4715.269	4716.886	4705.563	4713.615
13.0	4707.868	4701.667	4698.364	4694.336	4703.820
13.5	4697.057	4688.065	4684.731	4674.349	4697.095
14.0	4682.653	4676.174	4672.455	4657.539	4678.820
14.5	4670.099	4658.316	4652.607	4647.499	4655.380
15.0	4650.530	4640.874	4636.322	4629.224	4640.805
15.5	4641.569	4619.423	4618.988	4611.473	4614.574
16.0	4617.604	4603.554	4604.691	4595.711	4613.121
16.5	4606.516	4587.685	4585.892	4580.089	4586.473
17.0	4587.193	4569.549	4569.884	4557.557	4574.828
17.5	4567.206	4550.889	4547.877	4539.005	4552.821
18.0	4541.113	4529.962	4530.265	4523.767	4529.873
18.5	4531.212	4518.734	4512.514	4501.760	4504.829
19.0	4506.167	4489.048	4486.668	4485.196	4487.710
19.5	4490.298	4472.623	4470.104	4464.377	4467.692
20.0	4461.800	4452.081	4446.247	4444.081	4441.953
20.5	4450.155	4429.165	4428.881	4423.261	4424.309
21.0	4410.524	4407.436	4402.757	4406.419	4405.864
21.5	4396.751	4387.557	4381.937	4379.493	4381.451
22.0	4378.723	4364.502	4357.941	4355.604	4364.332
22.5	4356.608	4339.703	4334.993	4334.646	4332.347
23.0	4326.506	4317.696	4317.210	4314.874	4321.473
23.5	4308.616	4294.363	4289.097	4289.659	4297.168
24.0	4284.897	4268.239	4267.336	4262.316	4272.616
24.5	4251.865	4244.104	4241.597	4240.555	4243.283
25.0	4229.997	4218.643	4217.323	4213.490	4221.523
25.5	4207.466	4193.845	4191.584	4192.778	4196.030
26.0	4181.480	4168.383	4165.043	4169.552	4174.377
26.5	4151.624	4142.120	4137.176	4140.744	4144.767

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PHOTOMETRIC FILENAME : CMR4AEG-L66-927-CA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	4128.815	4115.579	4118.730	4115.390	4119.274
27.5	4099.098	4087.327	4086.885	4091.887	4102.401
28.0	4068.193	4058.936	4054.238	4067.196	4066.299
28.5	4043.641	4032.533	4033.525	4040.377	4041.192
29.0	4013.785	4005.992	4002.204	4015.408	4022.992
29.5	3986.720	3975.997	3976.711	3982.483	3988.602
30.0	3958.467	3946.280	3949.229	3961.632	3967.195
30.5	3927.285	3921.065	3923.875	3933.487	3943.028
31.0	3901.407	3888.279	3895.067	3905.727	3908.638
31.5	3867.294	3860.411	3862.944	3877.967	3886.985
32.0	3841.555	3831.079	3833.334	3851.148	3860.412
32.5	3805.315	3799.480	3803.724	3826.180	3832.513
33.0	3778.635	3768.822	3778.894	3794.966	3800.636
33.5	3746.789	3737.361	3743.039	3762.703	3770.887
34.0	3714.805	3705.901	3716.081	3742.237	3745.117
34.5	3682.543	3674.302	3685.947	3708.510	3718.020
35.0	3649.756	3642.040	3655.396	3683.541	3693.576
35.5	3618.959	3608.590	3625.123	3651.803	3659.709
36.0	3586.173	3578.317	3594.711	3622.578	3633.522
36.5	3552.584	3545.253	3563.636	3594.155	3600.458
37.0	3518.857	3513.654	3531.235	3563.219	3571.233
37.5	3484.745	3479.264	3500.160	3535.845	3549.965
38.0	3446.900	3446.862	3469.609	3502.781	3514.772
38.5	3417.953	3412.472	3437.208	3477.010	3487.676
39.0	3381.574	3381.675	3404.806	3444.609	3456.184
39.5	3346.659	3344.494	3372.127	3416.710	3425.355
40.0	3310.526	3312.755	3340.389	3386.298	3396.269
40.5	3275.473	3276.900	3306.523	3352.293	3366.906
41.0	3241.746	3243.697	3275.448	3323.346	3331.050
41.5	3202.821	3208.366	3242.908	3292.795	3298.371
42.0	3167.244	3173.173	3209.042	3258.266	3267.820
42.5	3132.853	3136.516	3174.374	3227.854	3235.943
43.0	3095.533	3103.452	3144.101	3198.105	3210.034
43.5	3060.341	3066.933	3108.106	3164.763	3180.285
44.0	3024.485	3031.602	3075.566	3130.758	3146.280
44.5	2987.828	2996.410	3043.026	3101.672	3116.916
45.0	2951.973	2960.416	3008.358	3068.469	3085.178
45.5	2914.652	2923.095	2974.353	3039.383	3050.788
46.0	2876.006	2887.764	2939.824	3006.180	3020.900
46.5	2840.289	2852.048	2906.620	2972.453	2988.360
47.0	2807.086	2814.588	2871.952	2939.912	2955.156
47.5	2767.916	2777.268	2837.423	2905.768	2923.141
48.0	2731.782	2742.076	2801.429	2872.704	2889.552
48.5	2694.462	2705.279	2766.900	2836.710	2855.825
49.0	2657.142	2668.622	2733.558	2806.961	2823.424
49.5	2616.506	2631.302	2698.365	2771.245	2792.873
50.0	2580.373	2595.169	2663.697	2737.239	2759.285
50.5	2541.726	2558.789	2627.842	2704.838	2726.359
51.0	2502.941	2519.865	2591.847	2668.320	2689.702
51.5	2463.492	2481.603	2555.853	2631.801	2656.777
52.0	2425.231	2443.620	2520.800	2599.786	2621.584
52.5	2387.109	2407.102	2484.806	2566.999	2588.798
53.0	2347.136	2368.177	2449.613	2527.829	2552.141
53.5	2309.014	2331.520	2414.421	2494.625	2519.739
54.0	2268.625	2294.200	2376.962	2456.642	2482.034
54.5	2226.909	2254.473	2338.978	2420.787	2446.981

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55.0	2192.380	2216.629	2304.588	2383.081	2411.264
55.5	2151.990	2177.704	2266.604	2348.028	2376.489
56.0	2112.403	2140.384	2231.551	2312.172	2339.970
56.5	2073.757	2102.925	2192.766	2275.130	2302.650
57.0	2034.308	2064.802	2156.247	2237.948	2266.687
57.5	1994.721	2027.482	2118.927	2198.639	2227.655
58.0	1954.470	1989.360	2081.082	2161.596	2187.961
58.5	1913.557	1949.772	2042.960	2125.217	2150.394
59.0	1875.573	1912.591	2006.442	2086.848	2114.431
59.5	1835.323	1872.340	1969.260	2049.143	2079.271
60.0	1794.271	1832.753	1930.753	2012.378	2040.517
60.5	1754.822	1794.107	1892.106	1973.485	2001.624
61.0	1715.042	1757.064	1855.866	1933.127	1961.266
61.5	1675.395	1716.675	1817.497	1893.294	1921.710
62.0	1634.879	1678.830	1780.315	1854.401	1879.502
62.5	1594.966	1638.719	1743.134	1813.380	1837.294
63.0	1557.791	1601.405	1704.488	1773.685	1796.412
63.5	1516.878	1561.625	1665.980	1732.001	1755.391
64.0	1475.964	1521.175	1625.344	1690.317	1712.520
64.5	1434.918	1481.329	1585.372	1648.473	1669.991
65.0	1393.468	1441.549	1545.538	1606.447	1627.120
65.5	1352.488	1401.968	1506.448	1567.474	1583.084
66.0	1311.508	1361.961	1465.951	1525.929	1542.704
66.5	1270.396	1322.554	1425.877	1482.897	1499.170
67.0	1229.496	1282.830	1385.139	1440.369	1454.572
67.5	1189.141	1243.144	1343.980	1395.610	1411.359
68.0	1148.015	1203.566	1302.676	1352.498	1367.723
68.5	1107.370	1163.922	1262.238	1309.788	1323.344
69.0	1066.829	1124.878	1221.151	1265.911	1278.703
69.5	1027.210	1085.648	1180.647	1222.977	1233.210
70.0	988.242	1047.071	1139.187	1178.755	1188.671
70.5	949.048	1008.163	1097.729	1134.041	1144.347
71.0	909.429	969.467	1056.513	1090.245	1100.449
71.5	871.260	930.932	1015.261	1047.475	1056.848
72.0	832.467	892.797	974.727	1004.613	1013.221
72.5	794.620	854.956	933.503	961.821	969.180
73.0	757.491	817.634	892.893	918.882	923.845
73.5	720.149	780.288	851.909	875.852	880.218
74.0	683.808	743.475	811.473	832.676	837.645
74.5	647.945	707.022	771.187	790.536	795.756
75.0	612.138	670.917	731.713	749.171	754.964
75.5	576.836	635.332	692.480	709.276	714.587
76.0	542.215	600.054	653.819	669.839	673.199
76.5	508.594	565.644	615.011	629.306	633.589
77.0	475.650	531.607	576.950	588.881	591.542
77.5	443.282	498.397	539.583	551.006	548.086
78.0	411.699	465.389	503.109	511.485	504.167
78.5	380.823	433.089	467.743	470.639	462.521
79.0	350.774	401.469	433.672	430.448	422.339
79.5	321.817	370.529	398.635	392.238	384.075
80.0	294.206	340.590	365.373	355.363	346.941
80.5	267.182	311.558	334.168	319.915	311.685
81.0	241.423	283.125	301.678	285.957	278.012
81.5	216.477	255.907	269.919	253.955	246.024
82.0	193.090	230.355	240.389	223.709	214.613
82.5	170.970	205.481	212.380	194.559	184.822

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CANDELA TABULATION - (Cont.)

83.0	150.101	181.499	185.836	166.352	157.632
83.5	130.726	158.968	160.555	140.811	134.387
84.0	112.522	137.903	136.934	119.139	115.642
84.5	95.678	118.410	114.745	101.821	100.187
85.0	80.234	100.529	94.517	87.112	86.284
85.5	66.202	83.486	77.481	74.210	73.711
86.0	53.662	68.507	63.839	62.317	62.027
86.5	42.668	55.046	52.297	51.620	52.063
87.0	32.940	43.354	42.137	42.416	42.444
87.5	24.786	33.189	33.547	33.317	33.223
88.0	18.096	24.926	25.529	24.951	24.616
88.5	12.832	18.073	17.909	16.703	16.355
89.0	8.821	12.043	11.290	10.499	10.471
89.5	5.769	7.439	6.460	6.739	6.833
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-L66-927-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-L66-927-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-L66-927-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1768.8	N.A.	13.80
0-30	3712.03	N.A.	29.10
0-40	6002.55	N.A.	47.00
0-60	10383.16	N.A.	81.30
0-80	12644.44	N.A.	99.00
0-90	12775.63	N.A.	100.00
10-90	12314.22	N.A.	96.40
20-40	4233.75	N.A.	33.10
20-50	6558.23	N.A.	51.30
40-70	5887.72	N.A.	46.10
60-80	2261.28	N.A.	17.70
70-80	754.17	N.A.	5.90
80-90	131.19	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	12775.63	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	461.41
10-20	1307.39
20-30	1943.23
30-40	2290.52
40-50	2324.48
50-60	2056.13
60-70	1507.1
70-80	754.17
80-90	131.19
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-L66-927-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-L66-927-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

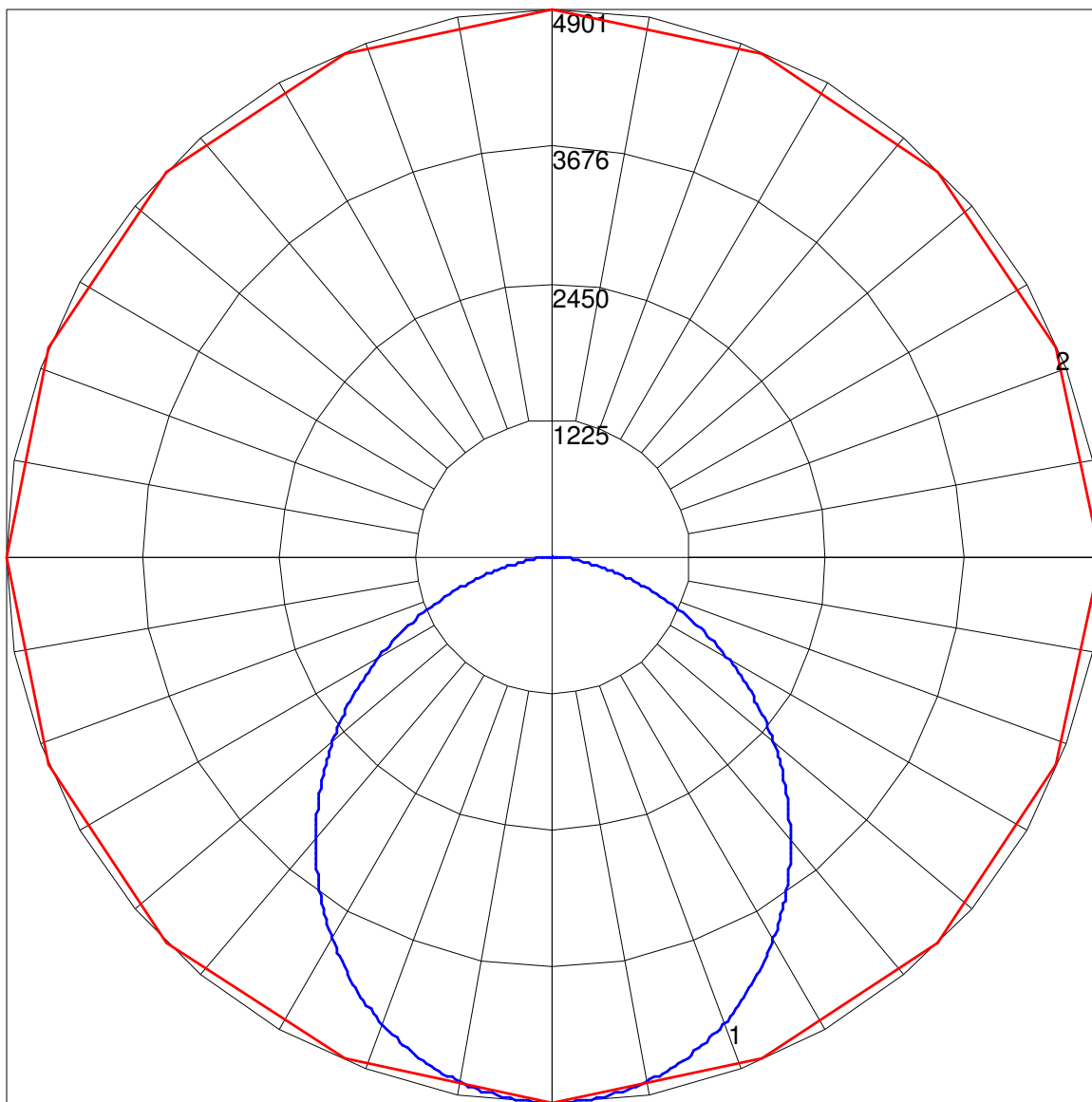
X=2H	Y=2H	18.4	20.0	18.8	20.3	20.6	19.0	20.6	19.4	20.9	21.3
	3H	19.9	21.4	20.3	21.7	22.1	20.7	22.2	21.1	22.5	22.9
	4H	20.4	21.8	20.8	22.1	22.5	21.2	22.6	21.6	23.0	23.3
	6H	20.7	21.9	21.1	22.3	22.7	21.5	22.8	21.9	23.2	23.6
	8H	20.7	21.9	21.1	22.3	22.7	21.6	22.8	22.0	23.2	23.6
	12H	20.7	21.9	21.2	22.3	22.7	21.6	22.7	22.0	23.1	23.5

UGR Viewed Endwise

4H	2H	19.1	20.5	19.5	20.8	21.2	19.6	20.9	20.0	21.3	21.7
	3H	20.8	22.0	21.3	22.4	22.8	21.5	22.6	21.9	23.0	23.4
	4H	21.4	22.4	21.8	22.8	23.3	22.1	23.1	22.5	23.6	24.0
	6H	21.8	22.6	22.2	23.1	23.5	22.5	23.4	23.0	23.8	24.3
	8H	21.8	22.7	22.3	23.1	23.6	22.6	23.4	23.0	23.8	24.3
	12H	21.8	22.6	22.3	23.1	23.5	22.6	23.3	23.0	23.8	24.3
8H	4H	21.7	22.5	22.2	23.0	23.4	22.3	23.2	22.8	23.6	24.1
	6H	22.1	22.8	22.6	23.3	23.8	22.8	23.5	23.3	23.9	24.4
	8H	22.2	22.8	22.7	23.3	23.8	22.8	23.5	23.4	24.0	24.5
	12H	22.3	22.8	22.8	23.3	23.9	22.9	23.4	23.4	23.9	24.5
12H	4H	21.7	22.4	22.2	22.9	23.4	22.3	23.1	22.8	23.6	24.0
	6H	22.1	22.8	22.7	23.2	23.8	22.8	23.4	23.3	23.9	24.4
	8H	22.3	22.8	22.8	23.3	23.9	22.9	23.4	23.4	23.9	24.5

Maximum UGR = 24.5

POLAR GRAPH



Maximum Candela = 4900.823 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.)