

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L26-827-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-L26-827-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	9658
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
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	5321	5257	5236
55	4859	4878	4919
65	4182	4347	4423
75	2992	3308	3344
85	1163	1412	1341

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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	3822.986	3822.986	3822.986	3822.986	3822.986
0.5	3824.199	3820.823	3821.009	3817.240	3821.925
1.0	3828.898	3818.790	3825.467	3815.338	3829.553
1.5	3827.127	3816.757	3820.244	3813.939	3826.700
2.0	3825.729	3813.512	3817.391	3815.896	3825.412
2.5	3821.457	3810.584	3813.567	3810.804	3820.974
3.0	3818.976	3815.228	3814.835	3803.549	3815.097
3.5	3820.692	3813.250	3807.841	3804.313	3818.659
4.0	3814.277	3806.574	3805.340	3801.068	3815.862
4.5	3811.087	3806.890	3797.265	3794.316	3807.786
5.0	3807.579	3801.406	3798.215	3788.721	3805.154
5.5	3802.543	3796.445	3791.463	3790.099	3800.248
6.0	3798.029	3789.113	3784.972	3778.068	3795.473
6.5	3789.506	3780.776	3782.733	3775.643	3788.273
7.0	3787.267	3779.694	3772.287	3767.994	3777.717
7.5	3780.907	3772.439	3768.222	3759.340	3772.866
8.0	3774.154	3765.948	3763.819	3752.140	3762.606
8.5	3763.281	3756.136	3751.974	3740.109	3753.559
9.0	3758.748	3749.384	3743.561	3733.543	3747.757
9.5	3752.629	3742.445	3733.508	3726.397	3735.465
10.0	3741.942	3733.081	3726.887	3715.710	3725.129
10.5	3729.092	3724.613	3716.496	3705.582	3713.361
11.0	3715.869	3712.844	3707.339	3693.475	3707.035
11.5	3712.658	3705.327	3693.200	3683.215	3693.737
12.0	3703.742	3695.460	3684.917	3672.956	3679.467
12.5	3695.143	3682.216	3676.504	3660.029	3669.600
13.0	3680.204	3671.137	3662.310	3649.322	3658.052
13.5	3670.841	3660.057	3649.308	3634.046	3649.115
14.0	3658.996	3649.033	3638.862	3619.907	3633.894
14.5	3647.654	3635.155	3624.034	3609.385	3616.586
15.0	3633.722	3622.622	3609.764	3594.165	3602.371
15.5	3624.861	3606.264	3595.756	3578.813	3583.347
16.0	3607.684	3593.338	3582.437	3564.412	3575.023
16.5	3597.424	3580.412	3567.347	3550.459	3554.655
17.0	3582.465	3565.639	3553.973	3532.441	3542.604
17.5	3567.189	3550.997	3535.824	3516.324	3524.455
18.0	3548.613	3534.508	3520.920	3501.792	3505.093
18.5	3538.539	3523.800	3505.568	3483.643	3486.255
19.0	3519.701	3502.744	3485.965	3468.478	3469.298
19.5	3506.774	3488.026	3470.800	3450.514	3452.099
20.0	3485.904	3470.958	3452.148	3432.420	3431.022
20.5	3473.852	3453.519	3436.217	3414.457	3414.195
21.0	3448.041	3436.265	3415.718	3398.396	3396.604
21.5	3434.591	3419.515	3397.755	3377.132	3376.161
22.0	3418.344	3401.628	3378.655	3356.558	3359.203
22.5	3401.669	3381.763	3359.293	3338.147	3334.378
23.0	3379.268	3363.614	3342.019	3319.922	3321.169
23.5	3363.469	3344.830	3320.569	3298.713	3299.250
24.0	3345.265	3324.332	3301.394	3276.106	3278.359
24.5	3320.700	3304.784	3280.316	3256.930	3254.801
25.0	3302.999	3284.602	3260.320	3235.218	3235.625
25.5	3284.981	3264.737	3239.243	3215.781	3213.521
26.0	3264.930	3244.555	3217.400	3195.523	3192.870
26.5	3241.503	3223.609	3194.924	3171.834	3168.416

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CANDELA TABULATION - (Cont.)

27.0	3222.589	3201.766	3177.333	3150.178	3146.312
27.5	3199.609	3179.869	3152.955	3129.024	3128.328
28.0	3176.444	3157.523	3127.812	3107.685	3101.153
28.5	3155.553	3136.129	3108.374	3084.947	3078.470
29.0	3132.125	3114.286	3083.865	3062.712	3059.852
29.5	3110.414	3090.411	3061.761	3036.673	3032.732
30.0	3088.516	3067.432	3038.706	3016.787	3011.054
30.5	3064.455	3046.223	3017.049	2993.415	2989.584
31.0	3042.930	3020.633	2993.360	2969.464	2962.464
31.5	3016.705	2998.156	2968.087	2945.514	2941.813
32.0	2995.628	2974.598	2943.633	2922.775	2918.048
32.5	2968.004	2949.193	2919.179	2900.540	2893.650
33.0	2945.714	2925.001	2897.392	2874.557	2867.349
33.5	2921.336	2900.045	2869.189	2848.835	2842.448
34.0	2896.510	2875.088	2846.003	2828.371	2819.448
34.5	2870.788	2849.683	2821.680	2801.567	2795.814
35.0	2845.197	2823.961	2796.014	2779.332	2773.448
35.5	2820.558	2798.054	2771.243	2753.479	2746.196
36.0	2794.967	2773.283	2746.024	2728.447	2721.853
36.5	2768.611	2746.796	2720.489	2704.179	2695.366
37.0	2741.808	2721.392	2694.319	2679.091	2670.333
37.5	2715.583	2694.271	2668.783	2654.561	2649.104
38.0	2686.430	2668.102	2643.117	2628.075	2621.219
38.5	2662.293	2640.981	2616.947	2605.075	2597.585
39.0	2634.222	2616.341	2590.778	2578.905	2570.706
39.5	2607.232	2587.505	2563.712	2554.507	2544.143
40.0	2578.134	2561.653	2537.860	2529.288	2519.559
40.5	2550.697	2533.450	2510.609	2501.589	2494.078
41.0	2523.894	2506.516	2485.073	2477.452	2465.876
41.5	2493.080	2478.183	2458.455	2451.785	2438.811
42.0	2465.773	2450.298	2431.204	2424.217	2413.144
42.5	2438.653	2421.331	2403.188	2398.998	2386.844
43.0	2409.369	2394.844	2378.417	2374.097	2363.396
43.5	2381.484	2366.325	2349.767	2346.714	2338.494
44.0	2353.282	2337.992	2323.150	2319.015	2310.795
44.5	2324.315	2310.107	2296.532	2294.430	2285.314
45.0	2296.112	2281.456	2268.516	2267.496	2259.462
45.5	2266.828	2252.172	2240.817	2242.911	2232.341
46.0	2236.910	2223.839	2213.249	2215.977	2206.992
46.5	2209.156	2196.085	2186.314	2189.173	2180.374
47.0	2182.222	2166.353	2158.298	2162.556	2153.440
47.5	2152.435	2137.069	2130.730	2134.409	2126.691
48.0	2123.337	2109.184	2102.080	2107.922	2100.336
48.5	2094.053	2079.769	2074.511	2079.272	2073.532
49.0	2064.769	2050.802	2047.129	2054.370	2047.363
49.5	2033.900	2021.518	2019.244	2026.616	2021.696
50.0	2004.802	1992.420	1991.228	1998.917	1995.341
50.5	1974.884	1964.349	1963.025	1972.747	1969.302
51.0	1944.519	1933.535	1934.375	1944.228	1940.335
51.5	1913.836	1903.038	1905.725	1915.709	1914.296
52.0	1883.339	1873.438	1878.288	1888.961	1886.411
52.5	1853.290	1844.918	1849.638	1863.370	1860.820
53.0	1822.738	1814.105	1821.753	1833.583	1831.853
53.5	1792.690	1785.138	1793.867	1806.649	1805.684
54.0	1760.794	1755.854	1764.136	1777.048	1776.979
54.5	1728.265	1724.275	1734.535	1748.845	1749.541

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55.0	1700.697	1695.122	1707.414	1720.140	1721.787
55.5	1668.801	1664.309	1677.813	1692.703	1695.245
56.0	1637.671	1635.025	1650.376	1664.501	1666.726
56.5	1607.753	1605.293	1620.010	1636.112	1637.442
57.0	1577.070	1575.244	1591.491	1607.276	1610.715
57.5	1545.939	1545.960	1562.207	1577.042	1581.375
58.0	1514.492	1515.911	1533.054	1548.653	1551.719
58.5	1482.727	1484.780	1503.005	1520.582	1523.462
59.0	1453.126	1455.944	1474.486	1491.560	1496.734
59.5	1421.679	1424.497	1445.650	1462.855	1470.772
60.0	1389.466	1393.366	1416.180	1435.362	1442.328
60.5	1358.784	1363.448	1386.262	1406.471	1413.437
61.0	1327.942	1335.060	1358.638	1376.498	1383.464
61.5	1297.165	1303.165	1329.616	1346.394	1354.256
62.0	1265.590	1274.012	1300.780	1317.503	1323.780
62.5	1234.686	1243.012	1271.944	1287.213	1293.304
63.0	1206.234	1214.112	1242.026	1257.557	1263.462
63.5	1174.470	1183.271	1212.556	1226.950	1233.172
64.0	1142.705	1151.729	1181.687	1196.343	1202.379
64.5	1110.877	1120.856	1151.136	1165.583	1171.597
65.0	1078.475	1090.014	1121.032	1134.965	1140.804
65.5	1046.678	1059.268	1091.321	1105.997	1109.530
66.0	1014.882	1028.242	1060.900	1075.838	1079.852
66.5	983.023	997.694	1030.567	1044.892	1048.742
67.0	951.303	967.032	999.917	1014.111	1016.933
67.5	919.882	936.312	969.179	982.148	986.129
68.0	887.977	905.758	938.525	951.126	955.237
68.5	856.532	875.173	908.475	920.486	923.952
69.0	825.060	845.065	878.154	889.365	892.733
69.5	794.372	814.906	848.073	858.733	860.954
70.0	764.148	785.212	817.458	827.408	829.516
70.5	733.739	755.360	787.036	795.773	798.410
71.0	703.051	725.647	756.843	764.728	767.584
71.5	673.400	696.088	726.900	734.441	737.167
72.0	643.374	666.910	697.454	704.225	706.852
72.5	614.029	637.950	667.601	674.233	676.110
73.0	585.179	609.390	638.270	644.132	644.292
73.5	556.190	580.933	608.646	614.103	613.977
74.0	528.061	552.921	579.513	583.965	584.509
74.5	500.199	525.158	550.680	554.437	555.788
75.0	472.515	497.790	522.465	525.584	528.239
75.5	445.188	470.824	494.479	498.198	501.118
76.0	418.415	444.118	466.882	471.373	473.285
76.5	392.502	418.209	439.175	443.567	447.179
77.0	366.950	392.593	412.055	415.927	418.496
77.5	341.979	367.639	385.533	390.498	388.187
78.0	317.536	342.972	359.706	363.404	357.656
78.5	293.736	318.949	334.904	334.953	329.356
79.0	270.598	295.479	311.178	307.158	302.862
79.5	248.249	272.564	286.343	281.378	277.819
80.0	226.963	250.509	263.042	256.808	253.507
80.5	206.110	229.192	241.641	233.378	230.512
81.0	186.244	208.353	218.824	210.927	208.617
81.5	166.995	188.514	196.547	189.870	187.604
82.0	148.949	170.043	176.175	169.918	166.447
82.5	131.890	151.935	157.064	150.223	145.417

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CANDELA TABULATION - (Cont.)

83.0	115.773	134.520	139.035	130.293	125.667
83.5	100.827	118.143	121.800	111.675	108.261
84.0	86.747	102.847	105.550	95.517	94.075
84.5	73.774	88.799	89.907	82.471	82.300
85.0	61.852	75.941	75.126	71.281	71.343
85.5	51.024	63.597	62.443	61.185	61.213
86.0	41.368	52.813	52.145	51.609	51.585
86.5	32.870	43.098	43.157	42.795	43.312
87.0	25.359	34.533	34.982	35.153	35.243
87.5	19.096	26.890	27.862	27.485	27.364
88.0	13.914	20.460	21.130	20.358	20.007
88.5	9.872	14.933	14.588	13.249	12.853
89.0	6.773	9.877	8.906	7.994	7.905
89.5	4.398	5.959	4.805	4.976	5.097
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-L26-827-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-L26-827-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-L26-827-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1377.82	N.A.	14.30
0-30	2879.87	N.A.	29.80
0-40	4631.79	N.A.	48.00
0-60	7912.02	N.A.	81.90
0-80	9558.4	N.A.	99.00
0-90	9658.04	N.A.	100.00
10-90	9297.73	N.A.	96.30
20-40	3253.97	N.A.	33.70
20-50	5007.67	N.A.	51.80
40-70	4381.11	N.A.	45.40
60-80	1646.38	N.A.	17.00
70-80	545.50	N.A.	5.60
80-90	99.63	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	9658.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	360.31
10-20	1017.51
20-30	1502.06
30-40	1751.91
40-50	1753.7
50-60	1526.53
60-70	1100.88
70-80	545.50
80-90	99.63
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-L26-827-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-L26-827-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

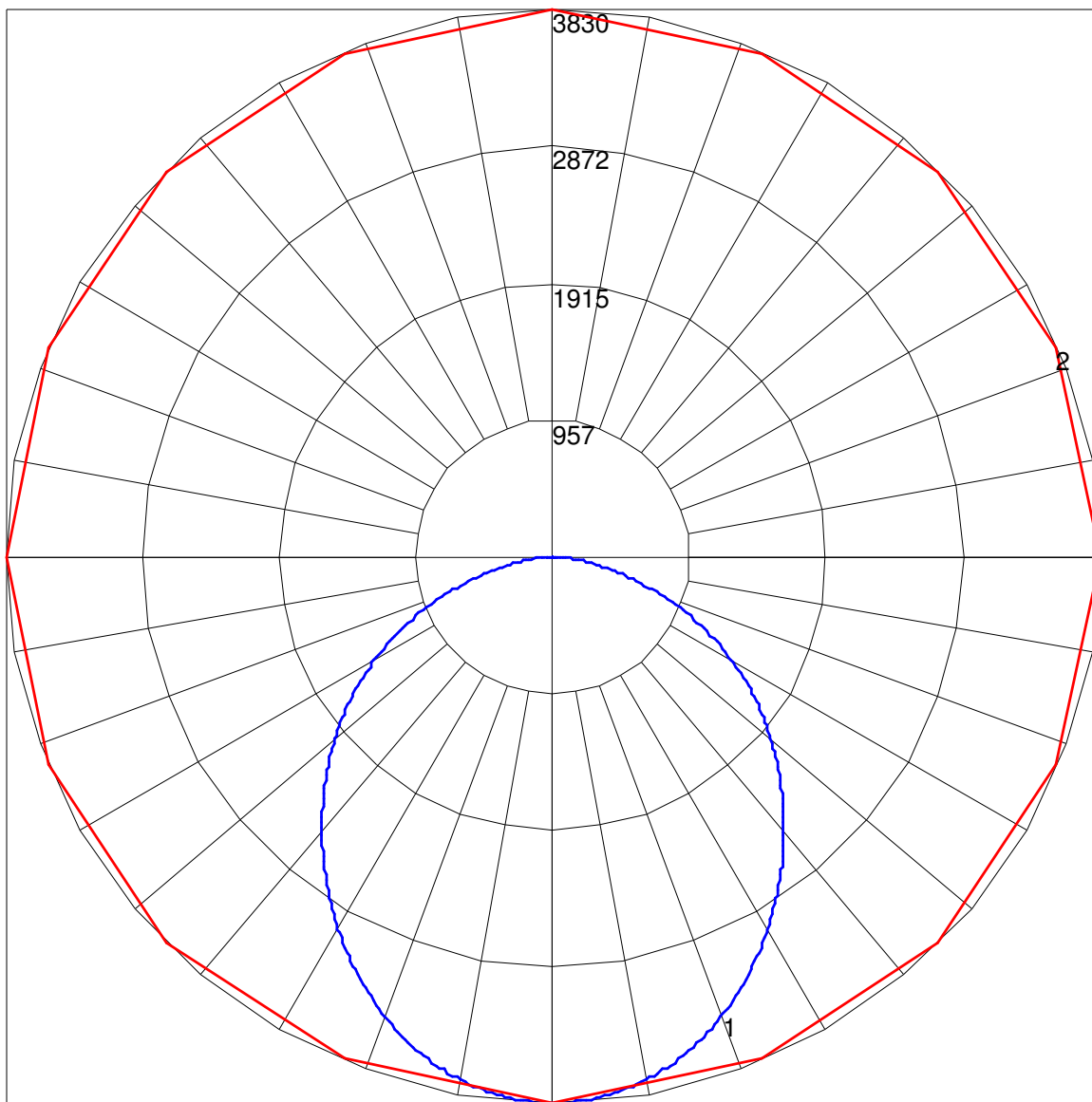
Reflectances

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	17.5	19.1	17.9	19.4	19.7	17.6	19.2	18.0	19.6	19.9
	3H	19.0	20.5	19.4	20.8	21.2	19.3	20.7	19.7	21.1	21.4
	4H	19.5	20.9	19.9	21.2	21.6	19.8	21.2	20.2	21.5	21.9
	6H	19.7	21.0	20.2	21.4	21.8	20.1	21.3	20.5	21.7	22.1
	8H	19.8	21.0	20.2	21.4	21.8	20.1	21.3	20.6	21.7	22.1
	12H	19.8	20.9	20.2	21.3	21.7	20.1	21.3	20.6	21.7	22.1
4H	2H	18.1	19.5	18.5	19.8	20.2	18.2	19.6	18.6	19.9	20.3
	3H	19.8	21.0	20.2	21.4	21.8	20.1	21.2	20.5	21.6	22.0
	4H	20.4	21.4	20.8	21.8	22.3	20.7	21.7	21.1	22.1	22.5
	6H	20.7	21.6	21.2	22.1	22.5	21.1	21.9	21.5	22.4	22.8
	8H	20.8	21.6	21.3	22.1	22.5	21.1	22.0	21.6	22.4	22.9
	12H	20.8	21.6	21.3	22.1	22.5	21.1	21.9	21.6	22.4	22.8
8H	4H	20.6	21.5	21.1	21.9	22.4	20.9	21.7	21.4	22.2	22.6
	6H	21.1	21.8	21.6	22.2	22.7	21.3	22.0	21.8	22.5	23.0
	8H	21.2	21.8	21.7	22.3	22.8	21.4	22.1	21.9	22.6	23.0
	12H	21.2	21.8	21.7	22.2	22.8	21.5	22.0	22.0	22.5	23.1
12H	4H	20.6	21.4	21.1	21.9	22.3	20.9	21.6	21.4	22.1	22.6
	6H	21.1	21.7	21.6	22.2	22.7	21.4	22.0	21.9	22.4	23.0
	8H	21.2	21.8	21.7	22.2	22.8	21.5	22.0	22.0	22.5	23.1

Maximum UGR = 23.1

POLAR GRAPH



Maximum Candela = 3829.553 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.)