

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AEG-L26-830-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-L26-830-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	9857
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
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	5431	5366	5344
55	4959	4979	5020
65	4268	4436	4515
75	3053	3376	3413
85	1187	1442	1369

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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	3901.811	3901.811	3901.811	3901.811	3901.811
0.5	3903.048	3899.603	3899.792	3895.946	3900.728
1.0	3907.845	3897.528	3904.342	3894.005	3908.513
1.5	3906.037	3895.453	3899.012	3892.577	3905.601
2.0	3904.610	3892.141	3896.100	3894.574	3904.286
2.5	3900.250	3889.152	3892.197	3889.377	3899.757
3.0	3897.718	3893.892	3893.491	3881.972	3893.759
3.5	3899.469	3891.874	3886.354	3882.753	3897.394
4.0	3892.922	3885.060	3883.801	3879.441	3894.539
4.5	3889.666	3885.383	3875.559	3872.549	3886.297
5.0	3886.086	3879.785	3876.529	3866.839	3883.611
5.5	3880.946	3874.722	3869.637	3868.245	3878.604
6.0	3876.339	3867.239	3863.013	3855.966	3873.730
6.5	3867.640	3858.730	3860.727	3853.491	3866.381
7.0	3865.355	3857.626	3850.066	3845.685	3855.608
7.5	3858.864	3850.221	3845.917	3836.852	3850.657
8.0	3851.972	3843.596	3841.423	3829.503	3840.186
8.5	3840.875	3833.582	3829.335	3817.225	3830.952
9.0	3836.248	3826.690	3820.748	3810.523	3825.031
9.5	3830.003	3819.609	3810.488	3803.230	3812.485
10.0	3819.095	3810.052	3803.730	3792.323	3801.936
10.5	3805.980	3801.409	3793.125	3781.985	3789.925
11.0	3792.485	3789.398	3783.779	3769.629	3783.469
11.5	3789.208	3781.725	3769.348	3759.158	3769.897
12.0	3780.108	3771.655	3760.895	3748.687	3755.332
12.5	3771.331	3758.138	3752.309	3735.494	3745.262
13.0	3756.085	3746.830	3737.822	3724.566	3733.476
13.5	3746.528	3735.522	3724.552	3708.975	3724.355
14.0	3734.439	3724.270	3713.890	3694.544	3708.820
14.5	3722.864	3710.107	3698.757	3683.806	3691.155
15.0	3708.644	3697.315	3684.192	3668.271	3676.647
15.5	3699.601	3680.620	3669.896	3652.603	3657.230
16.0	3682.069	3667.427	3656.302	3637.905	3648.735
16.5	3671.597	3654.234	3640.901	3623.664	3627.947
17.0	3656.330	3639.157	3627.251	3605.275	3615.647
17.5	3640.739	3624.213	3608.728	3588.826	3597.124
18.0	3621.780	3607.384	3593.516	3573.994	3577.363
18.5	3611.498	3596.456	3577.848	3555.471	3558.136
19.0	3592.272	3574.965	3557.841	3539.993	3540.829
19.5	3579.079	3559.944	3542.363	3521.659	3523.277
20.0	3557.778	3542.524	3523.326	3503.192	3501.764
20.5	3545.478	3524.725	3507.067	3484.858	3484.591
21.0	3519.135	3507.116	3486.145	3468.466	3466.637
21.5	3505.407	3490.020	3467.812	3446.764	3445.772
22.0	3488.825	3471.764	3448.318	3425.765	3428.465
22.5	3471.806	3451.490	3428.557	3406.974	3403.128
23.0	3448.944	3432.966	3410.927	3388.374	3389.646
23.5	3432.819	3413.796	3389.035	3366.728	3367.276
24.0	3414.239	3392.875	3369.463	3343.654	3345.954
24.5	3389.169	3372.924	3347.951	3324.083	3321.910
25.0	3371.102	3352.326	3327.543	3301.924	3302.339
25.5	3352.712	3332.051	3306.031	3282.086	3279.779
26.0	3332.248	3311.453	3283.738	3261.410	3258.703
26.5	3308.338	3290.075	3260.799	3237.233	3233.745

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CANDELA TABULATION - (Cont.)

27.0	3289.034	3267.782	3242.845	3215.130	3211.185
27.5	3265.581	3245.433	3217.964	3193.540	3192.830
28.0	3241.938	3222.627	3192.303	3171.761	3165.094
28.5	3220.616	3200.791	3172.464	3148.554	3141.943
29.0	3196.705	3178.498	3147.450	3125.860	3122.942
29.5	3174.546	3154.131	3124.890	3099.285	3095.262
30.0	3152.197	3130.678	3101.359	3078.989	3073.138
30.5	3127.640	3109.032	3079.257	3055.135	3051.225
31.0	3105.671	3082.914	3055.079	3030.690	3023.545
31.5	3078.905	3059.974	3029.284	3006.246	3002.469
32.0	3057.393	3035.930	3004.326	2983.039	2978.214
32.5	3029.200	3010.002	2979.368	2960.345	2953.313
33.0	3006.450	2985.311	2957.132	2933.826	2926.470
33.5	2981.570	2959.839	2928.348	2907.574	2901.055
34.0	2956.232	2934.368	2904.684	2886.688	2877.580
34.5	2929.980	2908.439	2879.859	2859.331	2853.459
35.0	2903.861	2882.187	2853.664	2836.638	2830.632
35.5	2878.713	2855.745	2828.382	2810.252	2802.819
36.0	2852.595	2830.464	2802.643	2784.703	2777.973
36.5	2825.696	2803.431	2776.581	2759.935	2750.941
37.0	2798.340	2777.503	2749.872	2734.330	2725.392
37.5	2771.574	2749.823	2723.810	2709.295	2703.725
38.0	2741.820	2723.114	2697.614	2682.262	2675.265
38.5	2717.186	2695.434	2670.905	2658.788	2651.143
39.0	2688.536	2670.286	2644.196	2632.079	2623.710
39.5	2660.990	2640.856	2616.573	2607.177	2596.600
40.0	2631.292	2614.470	2590.187	2581.438	2571.508
40.5	2603.289	2585.686	2562.374	2553.168	2545.502
41.0	2575.933	2558.197	2536.311	2528.533	2516.719
41.5	2544.484	2529.279	2509.145	2502.338	2489.095
42.0	2516.614	2500.819	2481.332	2474.201	2462.900
42.5	2488.935	2471.255	2452.738	2448.462	2436.057
43.0	2459.047	2444.222	2427.457	2423.047	2412.126
43.5	2430.587	2415.115	2398.216	2395.100	2386.710
44.0	2401.803	2386.198	2371.050	2366.830	2358.440
44.5	2372.239	2357.738	2343.883	2341.738	2332.434
45.0	2343.455	2328.497	2315.290	2314.248	2306.048
45.5	2313.567	2298.609	2287.019	2289.157	2278.369
46.0	2283.032	2269.692	2258.883	2261.667	2252.497
46.5	2254.706	2241.365	2231.393	2234.311	2225.330
47.0	2227.216	2211.020	2202.799	2207.145	2197.841
47.5	2196.815	2181.132	2174.662	2178.417	2170.541
48.0	2167.117	2152.672	2145.421	2151.385	2143.642
48.5	2137.229	2122.651	2117.285	2122.144	2116.286
49.0	2107.341	2093.087	2089.338	2096.729	2089.577
49.5	2075.836	2063.199	2060.878	2068.402	2063.381
50.0	2046.138	2033.501	2032.284	2040.132	2036.482
50.5	2015.604	2004.851	2003.500	2013.423	2009.906
51.0	1984.612	1973.402	1974.259	1984.315	1980.342
51.5	1953.296	1942.276	1945.019	1955.208	1953.766
52.0	1922.171	1912.065	1917.016	1927.908	1925.306
52.5	1891.502	1882.958	1887.775	1901.790	1899.188
53.0	1860.321	1851.509	1859.315	1871.389	1869.624
53.5	1829.652	1821.945	1830.854	1843.899	1842.914
54.0	1797.099	1792.057	1800.509	1813.688	1813.617
54.5	1763.899	1759.827	1770.298	1784.904	1785.614

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55.0	1735.763	1730.073	1742.619	1755.607	1757.288
55.5	1703.209	1698.624	1712.407	1727.604	1730.199
56.0	1671.437	1668.736	1684.404	1698.820	1701.092
56.5	1640.902	1638.391	1653.412	1669.847	1671.204
57.0	1609.587	1607.723	1624.305	1640.416	1643.925
57.5	1577.814	1577.835	1594.417	1609.558	1613.981
58.0	1545.718	1547.167	1564.663	1580.584	1583.714
58.5	1513.299	1515.394	1533.995	1551.934	1554.874
59.0	1483.088	1485.964	1504.888	1522.314	1527.595
59.5	1450.992	1453.868	1475.457	1493.017	1501.097
60.0	1418.115	1422.095	1445.379	1464.957	1472.067
60.5	1386.800	1391.561	1414.845	1435.470	1442.580
61.0	1355.323	1362.587	1386.652	1404.879	1411.989
61.5	1323.910	1330.034	1357.031	1374.155	1382.179
62.0	1291.685	1300.280	1327.600	1344.668	1351.074
62.5	1260.143	1268.641	1298.170	1313.753	1319.970
63.0	1231.105	1239.146	1267.635	1283.486	1289.512
63.5	1198.685	1207.669	1237.557	1252.248	1258.598
64.0	1166.266	1175.476	1206.052	1221.010	1227.170
64.5	1133.782	1143.966	1174.870	1189.616	1195.754
65.0	1100.711	1112.489	1144.146	1158.366	1164.326
65.5	1068.259	1081.109	1113.823	1128.801	1132.407
66.0	1035.808	1049.443	1082.775	1098.021	1102.117
66.5	1003.291	1018.265	1051.816	1066.437	1070.366
67.0	970.917	986.971	1020.533	1035.020	1037.900
67.5	938.848	955.618	989.162	1002.399	1006.461
68.0	906.286	924.434	957.876	970.737	974.933
68.5	874.192	893.217	927.207	939.465	943.003
69.0	842.072	862.489	896.260	907.702	911.140
69.5	810.751	831.708	865.559	876.438	878.706
70.0	779.904	801.402	834.313	844.468	846.619
70.5	748.868	770.934	803.263	812.180	814.872
71.0	717.547	740.609	772.448	780.496	783.411
71.5	687.285	710.440	741.888	749.584	752.366
72.0	656.639	680.661	711.834	718.745	721.426
72.5	626.689	651.103	681.366	688.134	690.051
73.0	597.245	621.955	651.430	657.413	657.576
73.5	567.658	592.911	621.196	626.764	626.636
74.0	538.949	564.322	591.462	596.005	596.561
74.5	510.512	535.986	562.035	565.869	567.247
75.0	482.258	508.054	533.238	536.421	539.131
75.5	454.367	480.531	504.675	508.470	511.451
76.0	427.042	453.275	476.508	481.092	483.043
76.5	400.595	426.832	448.231	452.713	456.399
77.0	374.516	400.687	420.551	424.503	427.125
77.5	349.030	375.219	393.483	398.549	396.191
78.0	324.083	350.043	367.122	370.897	365.030
78.5	299.792	325.525	341.809	341.859	336.147
79.0	276.177	301.572	317.594	313.491	309.106
79.5	253.367	278.184	292.247	287.179	283.547
80.0	231.643	255.674	268.466	262.103	258.734
80.5	210.360	233.918	246.623	238.190	235.265
81.0	190.084	212.649	223.335	215.276	212.918
81.5	170.438	192.401	200.600	193.785	191.472
82.0	152.020	173.549	179.808	173.422	169.879
82.5	134.610	155.068	160.303	153.321	148.415

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CANDELA TABULATION - (Cont.)

83.0	118.160	137.294	141.901	132.980	128.258
83.5	102.906	120.579	124.311	113.978	110.493
84.0	88.535	104.967	107.726	97.487	96.014
84.5	75.295	90.630	91.761	84.171	83.997
85.0	63.127	77.506	76.675	72.751	72.814
85.5	52.076	64.909	63.731	62.446	62.475
86.0	42.221	53.902	53.221	52.673	52.648
86.5	33.548	43.986	44.047	43.678	44.205
87.0	25.882	35.245	35.703	35.878	35.969
87.5	19.490	27.444	28.436	28.052	27.928
88.0	14.201	20.882	21.566	20.777	20.419
88.5	10.076	15.241	14.889	13.522	13.118
89.0	6.912	10.080	9.090	8.159	8.068
89.5	4.489	6.082	4.904	5.079	5.203
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-L26-830-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
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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-L26-830-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1406.22	N.A.	14.30
0-30	2939.25	N.A.	29.80
0-40	4727.29	N.A.	48.00
0-60	8075.16	N.A.	81.90
0-80	9755.48	N.A.	99.00
0-90	9857.17	N.A.	100.00
10-90	9489.43	N.A.	96.30
20-40	3321.06	N.A.	33.70
20-50	5110.92	N.A.	51.80
40-70	4471.45	N.A.	45.40
60-80	1680.33	N.A.	17.00
70-80	556.75	N.A.	5.60
80-90	101.69	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	9857.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	367.74
10-20	1038.49
20-30	1533.03
30-40	1788.03
40-50	1789.86
50-60	1558.01
60-70	1123.58
70-80	556.75
80-90	101.69
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-L26-830-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-L26-830-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	17.6	19.2	18.0	19.5	19.8	UGR Viewed Endwise			
	3H	19.1	20.6	19.5	20.9	21.3	17.7	19.3	18.1	19.7
	4H	19.6	21.0	20.0	21.3	21.7	19.4	20.8	19.8	21.2
	6H	19.8	21.1	20.3	21.5	21.9	19.9	21.3	20.3	21.6
	8H	19.9	21.1	20.3	21.5	21.9	20.2	21.4	20.6	21.8
	12H	19.9	21.0	20.3	21.4	21.8	20.2	21.4	20.7	21.8

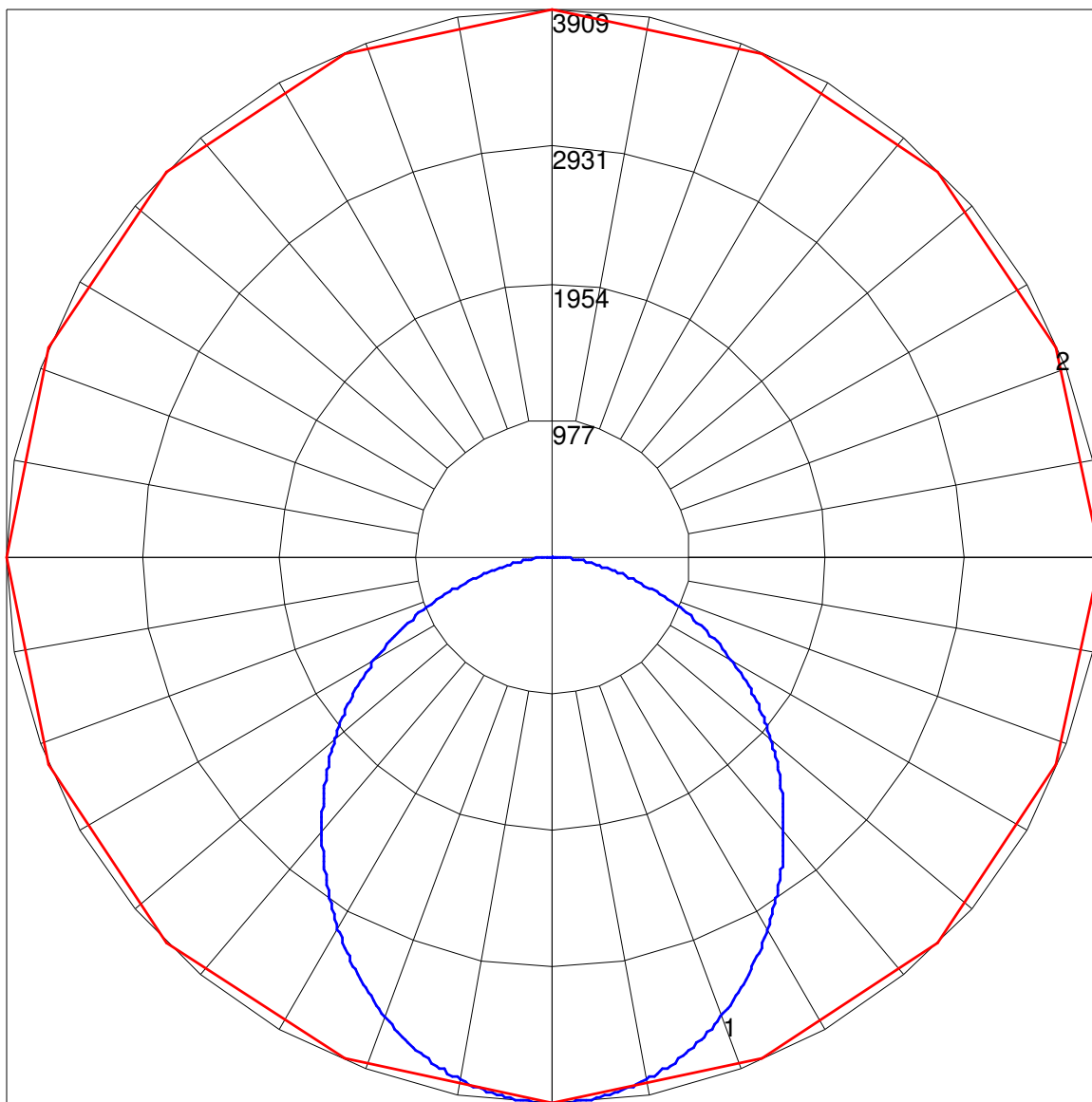
4H	2H	18.2	19.6	18.6	19.9	20.3	18.3	19.7	18.7	20.0
	3H	19.9	21.1	20.4	21.5	21.9	20.2	21.3	20.6	21.7
	4H	20.5	21.5	20.9	21.9	22.4	20.8	21.8	21.2	22.2
	6H	20.8	21.7	21.3	22.2	22.6	21.2	22.0	21.6	22.5
	8H	20.9	21.7	21.4	22.2	22.6	21.2	22.1	21.7	22.5
	12H	20.9	21.7	21.4	22.2	22.6	21.2	22.0	21.7	22.5

8H	4H	20.7	21.6	21.2	22.0	22.5	21.0	21.8	21.5	22.3
	6H	21.2	21.9	21.7	22.3	22.8	21.4	22.1	21.9	22.6
	8H	21.3	21.9	21.8	22.4	22.9	21.5	22.2	22.0	22.7
	12H	21.3	21.9	21.8	22.4	22.9	21.6	22.1	22.1	22.6

12H	4H	20.8	21.5	21.2	22.0	22.4	21.0	21.7	21.5	22.2
	6H	21.2	21.8	21.7	22.3	22.8	21.5	22.1	22.0	22.5
	8H	21.3	21.9	21.8	22.4	22.9	21.6	22.1	22.1	22.6

Maximum UGR = 23.2

POLAR GRAPH



Maximum Candela = 3908.513 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.)