

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L33-927-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] CMR2AEG-L33-927-CA-DIM-UNV (A&E)

[LUMINAIRE] 2' x 2' 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	6940
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	75.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.12
Spacing Criterion (Diagonal)	1.26
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.75 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	8305	7977	7786
55	7455	7300	7144
65	6429	6416	6276
75	4990	4876	4578
85	2863	1344	847

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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	2924.216	2924.215	2924.215	2924.215	2924.215
0.5	2927.067	2920.372	2926.455	2926.835	2914.827
1.0	2929.100	2918.414	2927.116	2924.215	2918.157
1.5	2925.819	2915.819	2924.546	2921.645	2913.273
2.0	2924.521	2914.191	2920.935	2924.008	2914.008
2.5	2923.579	2912.257	2919.026	2920.140	2907.471
3.0	2921.315	2912.636	2918.438	2915.611	2906.933
3.5	2920.397	2911.058	2911.951	2911.793	2905.073
4.0	2914.191	2905.537	2912.380	2907.619	2899.296
4.5	2912.942	2903.322	2904.925	2902.503	2890.568
5.0	2912.000	2901.437	2902.735	2894.767	2889.749
5.5	2908.512	2896.272	2897.619	2894.939	2884.327
6.0	2903.652	2893.420	2891.180	2886.236	2877.608
6.5	2897.165	2887.288	2888.378	2880.533	2870.913
7.0	2894.999	2882.502	2881.964	2874.805	2858.648
7.5	2888.536	2876.700	2873.592	2864.524	2852.333
8.0	2884.056	2870.262	2868.856	2857.192	2843.728
8.5	2874.643	2864.510	2860.508	2846.580	2836.067
9.0	2871.204	2858.757	2854.144	2838.637	2828.123
9.5	2866.749	2852.649	2843.837	2831.685	2816.924
10.0	2857.691	2845.930	2835.514	2818.809	2809.361
10.5	2848.609	2838.549	2828.208	2808.271	2794.881
11.0	2836.270	2827.888	2815.968	2798.063	2786.399
11.5	2835.806	2821.499	2805.711	2787.549	2772.556
12.0	2830.666	2813.457	2796.139	2777.036	2760.414
12.5	2821.400	2804.448	2787.229	2763.266	2747.281
13.0	2806.161	2794.828	2774.683	2752.447	2737.502
13.5	2798.805	2783.935	2765.137	2737.661	2728.054
14.0	2789.184	2775.330	2753.631	2723.585	2713.648
14.5	2780.886	2763.115	2739.152	2712.484	2695.631
15.0	2768.291	2750.544	2728.283	2698.078	2682.596
15.5	2760.984	2737.974	2715.456	2683.060	2662.951
16.0	2746.761	2726.750	2704.942	2669.670	2657.494
16.5	2738.793	2714.889	2690.511	2655.950	2638.203
17.0	2725.610	2702.699	2675.799	2638.312	2624.557
17.5	2712.734	2689.847	2660.732	2623.295	2607.580
18.0	2697.850	2676.028	2646.657	2609.293	2589.662
18.5	2688.328	2665.845	2632.275	2591.680	2569.735
19.0	2673.493	2648.059	2614.258	2577.654	2555.758
19.5	2662.269	2636.248	2600.868	2560.396	2537.227
20.0	2644.839	2622.785	2583.842	2543.799	2518.317
20.5	2636.284	2607.974	2570.452	2527.178	2503.042
21.0	2613.540	2592.882	2551.823	2512.540	2487.131
21.5	2603.051	2579.113	2535.838	2492.638	2468.245
22.0	2591.240	2563.360	2518.507	2474.413	2452.995
22.5	2575.793	2547.301	2502.497	2456.849	2431.135
23.0	2557.727	2532.870	2488.189	2440.277	2417.562
23.5	2545.585	2517.142	2467.932	2422.028	2399.692
24.0	2528.229	2499.786	2451.642	2401.844	2381.137
24.5	2509.501	2483.421	2432.731	2384.281	2359.962
25.0	2494.104	2466.396	2415.424	2363.436	2341.762
25.5	2478.376	2449.701	2396.514	2346.558	2322.265
26.0	2461.325	2431.402	2377.603	2328.664	2305.717
26.5	2443.308	2414.376	2358.032	2308.150	2284.567

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CANDELA TABULATION - (Cont.)

27.0	2426.968	2396.739	2342.757	2288.959	2265.706
27.5	2407.984	2378.085	2320.566	2271.089	2250.505
28.0	2386.735	2359.125	2299.012	2252.228	2225.719
28.5	2369.453	2341.157	2283.406	2233.342	2207.213
29.0	2350.799	2323.520	2261.240	2214.505	2191.351
29.5	2333.137	2303.924	2243.015	2191.703	2167.581
30.0	2313.210	2283.667	2224.435	2175.155	2152.992
30.5	2293.895	2266.690	2205.880	2154.335	2134.156
31.0	2275.952	2246.102	2186.003	2134.507	2111.659
31.5	2255.976	2226.531	2163.836	2115.315	2095.111
32.0	2237.702	2206.629	2143.959	2095.157	2076.274
32.5	2215.792	2186.396	2123.445	2075.684	2056.777
33.0	2198.485	2165.833	2105.551	2055.170	2035.933
33.5	2177.567	2145.907	2083.360	2033.970	2015.749
34.0	2156.343	2124.707	2064.168	2017.778	1996.913
34.5	2136.416	2104.475	2043.630	1995.612	1978.688
35.0	2115.192	2083.912	2023.446	1977.411	1959.876
35.5	2096.233	2061.721	2002.602	1956.237	1937.404
36.0	2075.008	2042.149	1982.724	1936.078	1918.286
36.5	2053.784	2020.950	1961.880	1915.919	1897.086
37.0	2033.527	2000.081	1940.375	1893.471	1877.564
37.5	2011.006	1978.220	1920.803	1875.271	1862.645
38.0	1987.187	1957.988	1900.620	1854.072	1840.148
38.5	1968.276	1935.491	1879.115	1836.508	1821.923
39.0	1946.697	1914.622	1856.336	1815.003	1802.706
39.5	1923.539	1891.769	1834.855	1796.778	1783.821
40.0	1902.645	1871.231	1813.681	1777.537	1764.604
40.5	1880.454	1849.040	1792.481	1756.032	1746.049
41.0	1857.651	1828.171	1772.273	1737.121	1723.858
41.5	1835.130	1806.005	1751.098	1717.574	1704.286
42.0	1811.641	1783.508	1730.535	1696.681	1684.740
42.5	1789.144	1760.044	1708.699	1676.803	1665.168
43.0	1766.622	1736.935	1689.764	1657.893	1647.935
43.5	1743.489	1714.413	1667.904	1637.991	1628.388
44.0	1719.389	1692.883	1647.365	1617.758	1607.519
44.5	1694.652	1670.386	1627.463	1599.179	1588.964
45.0	1672.461	1648.526	1606.264	1578.946	1567.789
45.5	1649.939	1626.004	1586.031	1560.366	1545.928
46.0	1626.120	1604.474	1564.501	1539.497	1527.349
46.5	1602.962	1581.952	1544.269	1518.604	1506.810
47.0	1581.457	1559.761	1524.342	1498.065	1486.578
47.5	1557.613	1537.240	1503.449	1478.163	1467.337
48.0	1535.446	1515.379	1482.224	1456.964	1446.113
48.5	1512.925	1494.155	1461.331	1435.740	1425.219
49.0	1490.403	1471.964	1442.065	1416.829	1404.986
49.5	1465.592	1449.442	1420.841	1394.944	1386.713
50.0	1444.699	1428.549	1400.915	1375.348	1366.761
50.5	1421.516	1405.697	1379.996	1355.115	1346.504
51.0	1398.664	1383.811	1359.409	1333.867	1325.586
51.5	1375.481	1362.257	1338.821	1312.618	1305.965
52.0	1353.290	1340.041	1317.903	1294.013	1286.014
52.5	1331.405	1318.156	1297.315	1274.062	1265.936
53.0	1307.561	1296.907	1276.727	1251.491	1245.463
53.5	1285.040	1275.353	1256.140	1232.468	1227.649
54.0	1262.188	1253.467	1235.222	1211.462	1206.109
54.5	1239.311	1231.582	1213.006	1191.371	1186.463

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55.0	1217.781	1209.672	1192.418	1169.703	1166.869
55.5	1195.565	1188.424	1170.839	1149.867	1146.945
56.0	1172.713	1167.175	1149.284	1129.967	1127.223
56.5	1150.167	1145.620	1127.960	1109.458	1107.439
57.0	1126.984	1125.008	1106.902	1089.151	1086.904
57.5	1105.405	1103.759	1085.844	1068.502	1065.912
58.0	1082.859	1082.511	1064.189	1048.247	1045.035
58.5	1059.345	1060.931	1043.513	1028.450	1024.628
59.0	1037.766	1039.352	1022.710	1007.852	1004.349
59.5	1015.220	1018.079	1001.703	987.585	984.451
60.0	993.310	996.754	980.290	967.369	963.816
60.5	970.764	975.481	959.463	946.301	943.321
61.0	948.562	954.144	938.635	925.029	922.813
61.5	926.425	933.201	917.146	904.674	902.624
62.0	904.320	911.928	896.712	884.497	880.985
62.5	882.433	890.642	876.406	863.468	859.410
63.0	860.712	870.015	855.960	843.164	838.878
63.5	839.044	849.085	835.183	822.059	818.931
64.0	816.931	828.158	814.000	801.145	797.344
64.5	795.134	807.323	793.212	780.294	776.469
65.0	773.726	786.457	772.156	759.304	755.391
65.5	752.089	765.818	751.558	739.637	733.652
66.0	730.707	745.365	730.426	718.965	714.023
66.5	709.386	724.883	709.880	697.505	692.996
67.0	687.940	704.203	688.875	676.630	671.702
67.5	666.980	683.814	667.922	654.891	650.675
68.0	646.010	663.103	646.547	633.876	629.573
68.5	624.976	642.296	625.912	613.116	608.203
69.0	604.202	621.334	604.914	591.631	586.630
69.5	583.591	600.621	584.373	570.831	565.047
70.0	563.081	580.010	563.564	549.596	543.805
70.5	542.666	559.233	542.683	528.259	522.939
71.0	522.182	538.714	521.929	507.284	502.079
71.5	502.444	518.385	501.069	486.794	481.086
72.0	482.665	498.184	480.598	466.076	460.152
72.5	462.799	478.367	459.990	445.447	439.378
73.0	443.513	458.586	439.639	424.848	418.694
73.5	424.098	438.736	419.413	404.148	398.014
74.0	405.227	419.397	399.347	383.796	377.882
74.5	386.491	400.158	379.307	363.651	357.651
75.0	367.814	380.917	359.432	343.826	337.414
75.5	349.332	362.156	339.875	324.062	317.463
76.0	331.396	343.428	320.674	304.484	297.247
76.5	313.622	325.116	301.504	284.968	277.317
77.0	296.273	306.742	282.721	265.448	257.969
77.5	279.145	288.818	264.132	246.479	238.919
78.0	262.312	270.987	245.834	227.800	219.828
78.5	245.831	253.379	227.634	209.410	200.862
79.0	229.609	235.998	209.917	191.115	181.593
79.5	214.033	218.843	192.653	172.942	162.785
80.0	198.816	202.042	175.809	155.027	144.595
80.5	183.923	185.564	159.285	137.342	126.901
81.0	169.387	169.313	143.342	120.312	109.828
81.5	155.272	153.545	127.691	103.841	93.387
82.0	141.709	138.327	112.653	88.219	77.737
82.5	128.632	123.660	97.941	73.233	63.193

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CANDELA TABULATION - (Cont.)

83.0	116.073	109.414	83.687	59.309	49.396
83.5	104.034	95.786	70.117	45.974	36.576
84.0	92.514	82.933	57.302	33.801	29.145
84.5	81.510	70.664	45.217	26.665	24.638
85.0	71.058	59.140	33.363	22.290	21.016
85.5	61.189	48.358	22.690	18.767	17.920
86.0	51.839	38.325	17.557	15.707	15.188
86.5	43.010	29.070	14.168	13.107	12.753
87.0	34.859	20.505	11.373	10.835	10.515
87.5	27.226	12.055	9.040	8.632	8.538
88.0	20.306	7.926	6.999	6.721	6.563
88.5	14.062	5.722	5.157	4.973	4.912
89.0	8.783	3.850	3.478	3.388	3.391
89.5	4.339	2.336	2.185	2.157	1.997
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 : CMR2AEG-L33-927-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 : CMR2AEG-L33-927-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 : CMR2AEG-L33-927-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1041.89	N.A.	15.00
0-30	2153.58	N.A.	31.00
0-40	3422.78	N.A.	49.30
0-60	5732.38	N.A.	82.60
0-80	6876.66	N.A.	99.10
0-90	6939.67	N.A.	100.00
10-90	6664.97	N.A.	96.00
20-40	2380.89	N.A.	34.30
20-50	3625.51	N.A.	52.20
40-70	3072.03	N.A.	44.30
60-80	1144.28	N.A.	16.50
70-80	381.85	N.A.	5.50
80-90	63.01	N.A.	0.90
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	6939.67	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	274.71
10-20	767.19
20-30	1111.69
30-40	1269.2
40-50	1244.62
50-60	1064.97
60-70	762.44
70-80	381.85
80-90	63.01
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 : CMR2AEG-L33-927-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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	86	80	98	90	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	71	63	57	69	62	57	67	61	56	64	59	55	53
5	78	65	57	50	76	64	56	50	62	55	49	60	54	49	58	53	48	46
6	72	59	50	44	70	58	50	44	56	49	43	55	48	43	53	47	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	49	43	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	35	45	39	34	32
9	58	45	37	32	57	45	37	32	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2AEG-L33-927-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

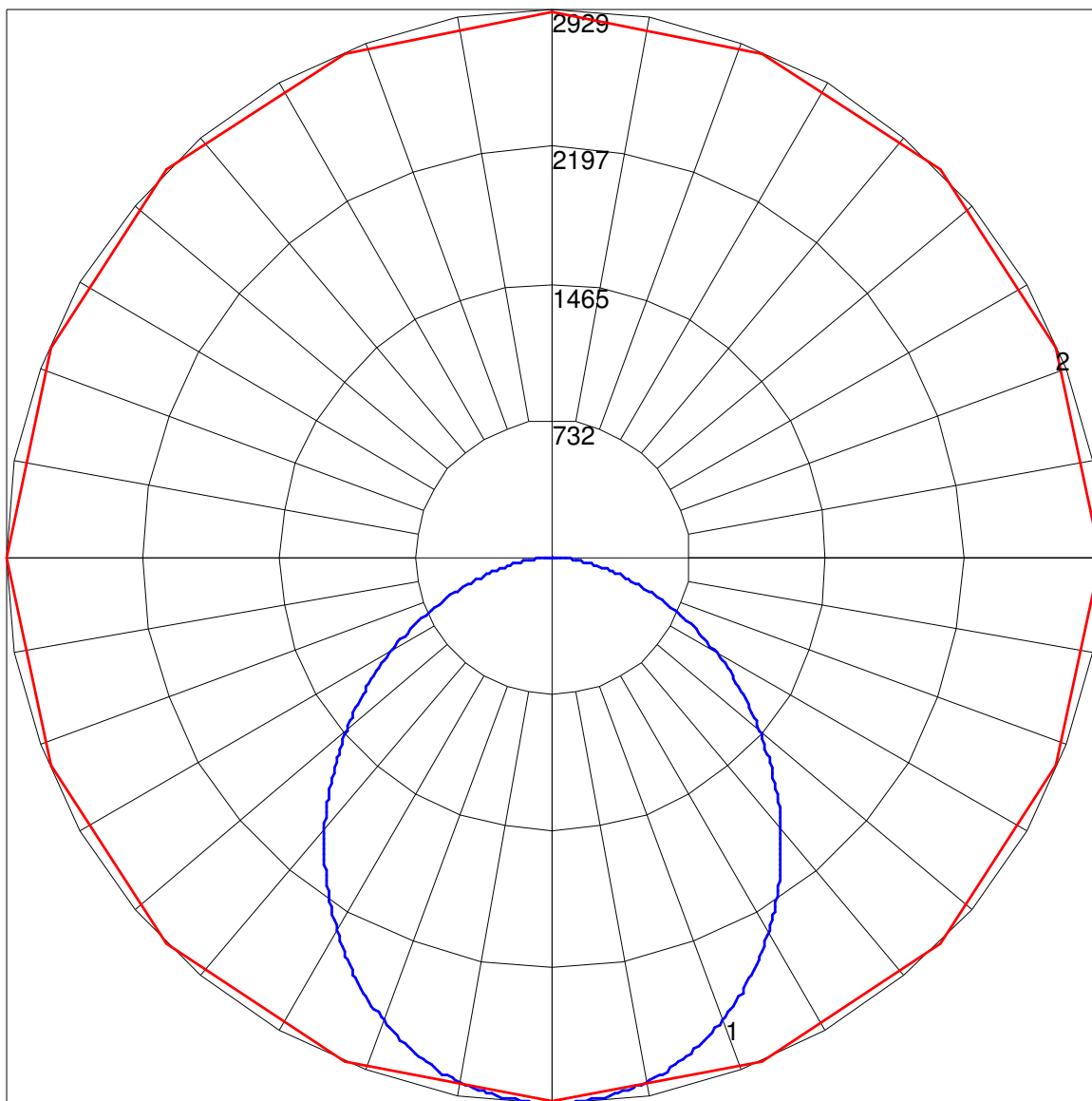
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	18.9	20.5	19.3	20.8	21.1	18.7	20.3	19.1	20.6	20.9
	3H	20.5	22.0	20.9	22.3	22.6	20.3	21.7	20.7	22.0	22.4
	4H	21.1	22.4	21.5	22.7	23.1	20.8	22.1	21.2	22.4	22.8
	6H	21.4	22.6	21.8	23.0	23.4	21.0	22.2	21.4	22.6	23.0
	8H	21.4	22.6	21.9	23.0	23.4	21.0	22.2	21.4	22.6	23.0
	12H	21.5	22.6	21.9	23.0	23.4	21.0	22.1	21.4	22.5	22.9
4H	2H	19.5	20.8	19.9	21.2	21.5	19.3	20.6	19.7	21.0	21.4
	3H	21.3	22.4	21.7	22.8	23.2	21.1	22.2	21.5	22.6	23.0
	4H	21.9	22.9	22.4	23.4	23.8	21.7	22.7	22.1	23.1	23.5
	6H	22.4	23.3	22.8	23.7	24.2	22.0	22.8	22.4	23.3	23.7
	8H	22.5	23.3	23.0	23.7	24.2	22.0	22.8	22.4	23.2	23.7
	12H	22.6	23.3	23.0	23.8	24.2	22.0	22.7	22.5	23.2	23.6
8H	4H	22.2	23.0	22.6	23.4	23.9	21.9	22.7	22.4	23.1	23.6
	6H	22.7	23.3	23.2	23.8	24.3	22.2	22.9	22.7	23.4	23.9
	8H	22.8	23.4	23.3	23.9	24.4	22.3	22.9	22.8	23.4	23.9
	12H	22.9	23.4	23.4	23.9	24.5	22.3	22.8	22.8	23.3	23.9
12H	4H	22.1	22.9	22.6	23.4	23.8	21.9	22.6	22.4	23.1	23.6
	6H	22.7	23.3	23.2	23.7	24.3	22.3	22.9	22.8	23.3	23.9
	8H	22.8	23.4	23.4	23.9	24.4	22.3	22.9	22.8	23.4	23.9

Maximum UGR = 24.5

POLAR GRAPH



Maximum Candela = 2929.1 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.)