

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-950-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-L17-950-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	6295
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	64
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.24
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	7785	7191	6747
55	6946	6427	5951
65	5977	5482	5055
75	4700	4082	3624
85	2851	1154	693

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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	2777.870	2777.870	2777.870	2777.870	2777.870
0.5	2781.221	2773.951	2780.184	2779.717	2769.740
1.0	2781.702	2772.484	2780.564	2777.870	2771.308
1.5	2779.476	2770.309	2778.060	2775.367	2767.477
2.0	2778.389	2769.032	2775.645	2776.037	2766.870
2.5	2777.162	2767.237	2773.521	2772.446	2762.091
3.0	2775.177	2766.769	2772.155	2768.476	2760.068
3.5	2773.622	2764.835	2766.718	2764.228	2757.286
4.0	2769.032	2760.295	2765.593	2760.119	2751.571
4.5	2767.287	2757.653	2759.258	2754.783	2743.820
5.0	2766.061	2755.200	2756.287	2747.601	2740.951
5.5	2762.002	2750.522	2750.952	2745.300	2735.097
6.0	2757.842	2747.171	2744.857	2737.221	2728.155
6.5	2752.405	2741.595	2740.849	2730.520	2720.885
7.0	2749.105	2736.449	2734.426	2724.148	2709.733
7.5	2743.340	2731.063	2726.536	2714.133	2701.995
8.0	2738.712	2724.968	2720.733	2706.155	2692.601
8.5	2730.910	2718.924	2712.515	2695.952	2684.433
9.0	2726.195	2712.881	2705.434	2686.937	2675.418
9.5	2721.238	2706.976	2695.749	2678.491	2663.849
10.0	2713.298	2700.035	2687.202	2666.302	2654.367
10.5	2705.686	2692.714	2678.895	2655.112	2640.572
11.0	2695.519	2683.167	2667.414	2644.112	2629.535
11.5	2692.511	2676.416	2657.071	2632.594	2616.448
12.0	2687.504	2668.715	2646.779	2621.076	2603.653
12.5	2677.730	2660.117	2636.867	2607.003	2590.288
13.0	2664.871	2650.483	2624.867	2594.966	2578.163
13.5	2657.221	2639.432	2614.247	2580.653	2566.228
14.0	2647.587	2630.038	2602.159	2566.063	2551.447
14.5	2638.711	2618.228	2588.365	2553.179	2534.251
15.0	2627.369	2606.558	2576.985	2538.398	2519.572
15.5	2619.062	2594.887	2564.139	2522.581	2501.099
16.0	2606.443	2583.647	2552.621	2508.041	2491.112
16.5	2597.757	2571.698	2538.169	2493.311	2472.500
17.0	2585.050	2559.560	2522.870	2475.647	2456.784
17.5	2572.861	2547.043	2507.710	2459.830	2439.500
18.0	2559.863	2533.628	2493.119	2444.253	2420.989
18.5	2548.913	2522.299	2478.010	2426.261	2401.669
19.0	2535.258	2506.607	2460.814	2411.013	2385.763
19.5	2524.017	2494.002	2446.274	2392.881	2366.216
20.0	2508.187	2480.447	2429.647	2375.130	2347.137
20.5	2498.135	2466.463	2415.107	2357.707	2330.144
21.0	2479.598	2451.632	2396.874	2341.422	2312.443
21.5	2467.751	2437.559	2380.159	2321.773	2293.034
22.0	2455.145	2422.348	2363.014	2302.744	2275.713
22.5	2440.453	2406.619	2346.627	2284.095	2254.597
23.0	2423.915	2392.167	2330.532	2266.014	2237.895
23.5	2411.119	2376.628	2311.022	2247.314	2218.728
24.0	2394.303	2359.811	2293.789	2226.818	2199.509
24.5	2377.385	2343.564	2274.709	2208.169	2178.444
25.0	2362.035	2326.937	2257.236	2187.294	2159.087
25.5	2346.496	2310.500	2238.156	2168.695	2138.642
26.0	2330.197	2292.457	2219.076	2149.856	2120.233
26.5	2313.002	2275.830	2199.618	2129.170	2098.839

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27.0	2296.425	2258.167	2182.625	2109.244	2079.102
27.5	2278.332	2240.263	2161.319	2090.076	2061.123
28.0	2258.253	2221.841	2140.722	2070.339	2037.643
28.5	2240.451	2203.987	2123.540	2050.931	2017.768
29.0	2222.547	2186.324	2101.906	2030.865	1999.409
29.5	2205.212	2167.194	2082.877	2008.523	1976.170
30.0	2185.892	2147.684	2063.987	1990.114	1959.227
30.5	2167.609	2130.400	2044.768	1968.911	1939.162
31.0	2149.427	2110.700	2024.791	1948.276	1917.338
31.5	2130.764	2091.241	2003.157	1928.349	1898.929
32.0	2112.392	2071.593	1983.180	1907.525	1878.864
32.5	2091.934	2051.754	1962.495	1886.751	1858.419
33.0	2074.460	2031.726	1943.655	1866.066	1837.544
33.5	2054.571	2012.406	1922.350	1845.330	1817.048
34.0	2034.164	1991.670	1902.424	1826.782	1796.982
34.5	2014.844	1971.832	1882.067	1805.148	1777.953
35.0	1994.437	1951.804	1861.571	1785.791	1757.559
35.5	1976.014	1930.499	1840.696	1764.726	1735.407
36.0	1955.607	1911.040	1820.719	1743.901	1714.494
36.5	1935.199	1890.304	1799.844	1723.077	1693.758
37.0	1915.690	1869.757	1778.589	1700.596	1673.642
37.5	1894.195	1848.642	1759.130	1681.239	1656.510
38.0	1871.613	1828.804	1738.635	1660.503	1634.687
38.5	1852.533	1806.980	1717.380	1641.853	1615.658
39.0	1832.265	1786.434	1694.710	1620.599	1596.060
39.5	1810.062	1764.749	1673.127	1601.570	1576.652
40.0	1789.844	1744.392	1652.062	1582.301	1557.054
40.5	1768.539	1723.087	1631.326	1561.046	1537.835
41.0	1746.197	1702.541	1611.159	1541.967	1516.530
41.5	1724.702	1680.907	1590.094	1522.179	1497.071
42.0	1702.310	1659.084	1570.066	1501.961	1477.283
42.5	1680.486	1636.362	1548.622	1481.984	1457.824
43.0	1658.991	1613.502	1529.871	1462.904	1439.365
43.5	1636.460	1592.007	1508.756	1443.256	1419.577
44.0	1613.030	1571.081	1488.399	1423.417	1399.030
44.5	1588.893	1549.258	1468.750	1404.527	1379.812
45.0	1567.588	1528.143	1448.014	1384.689	1358.747
45.5	1546.093	1506.648	1428.176	1365.799	1337.632
46.0	1523.511	1485.722	1407.250	1345.253	1318.742
46.5	1501.308	1464.227	1387.412	1325.035	1298.385
47.0	1480.053	1442.922	1368.092	1304.678	1278.547
47.5	1457.800	1421.427	1347.874	1285.030	1259.277
48.0	1436.166	1400.312	1327.467	1264.294	1238.870
48.5	1414.671	1379.904	1307.249	1243.886	1218.652
49.0	1393.176	1358.599	1288.308	1224.807	1198.814
49.5	1370.025	1337.104	1267.901	1204.020	1180.442
50.0	1349.807	1316.886	1248.581	1184.889	1161.451
50.5	1327.933	1295.202	1228.692	1165.051	1141.941
51.0	1306.249	1274.415	1208.992	1144.972	1122.052
51.5	1284.374	1253.818	1189.293	1124.894	1103.251
52.0	1263.069	1232.841	1169.404	1106.332	1084.259
52.5	1242.282	1212.055	1149.704	1087.341	1065.126
53.0	1220.029	1191.976	1130.005	1066.504	1045.733
53.5	1198.534	1171.379	1110.306	1048.010	1028.585
54.0	1176.849	1150.592	1090.417	1028.379	1008.716
54.5	1155.494	1129.805	1069.440	1009.411	990.243

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55.0	1134.568	1109.347	1049.741	989.400	972.005
55.5	1113.591	1089.268	1029.472	970.715	953.578
56.0	1091.907	1069.190	1008.875	951.958	935.198
56.5	1070.741	1048.592	988.890	933.058	916.748
57.0	1048.866	1029.222	969.024	914.206	898.176
57.5	1028.598	1009.143	949.157	895.328	879.273
58.0	1007.432	989.064	928.982	876.711	860.676
58.5	985.368	968.796	909.541	858.425	842.246
59.0	965.099	948.527	889.958	839.782	823.957
59.5	943.933	928.777	870.326	821.329	806.094
60.0	923.475	908.792	850.599	803.111	787.944
60.5	902.309	889.042	831.345	784.302	769.772
61.0	881.614	869.221	812.090	765.444	751.764
61.5	860.958	849.661	792.456	747.249	734.110
62.0	840.353	829.910	773.462	729.431	715.555
62.5	820.045	810.325	754.610	711.021	697.072
63.0	799.832	791.151	735.780	693.061	679.392
63.5	779.822	771.873	716.761	674.744	662.186
64.0	759.315	752.561	697.645	656.640	643.867
64.5	739.196	733.405	678.790	638.607	626.162
65.0	719.403	714.198	659.817	620.596	608.409
65.5	699.444	695.188	641.174	603.344	590.277
66.0	679.769	676.457	622.294	585.688	573.425
66.5	660.197	657.642	603.886	567.510	555.907
67.0	640.450	638.712	585.147	549.805	538.271
67.5	621.120	620.052	566.644	531.673	520.753
68.0	601.921	601.070	547.795	513.991	503.329
68.5	582.651	581.999	529.645	496.592	485.786
69.0	563.599	562.702	511.287	478.744	468.195
69.5	544.675	543.753	493.260	461.424	450.735
70.0	525.774	524.829	475.147	443.924	433.334
70.5	506.996	505.809	457.062	426.400	416.423
71.0	488.214	487.040	439.118	409.118	399.446
71.5	470.064	468.484	421.216	392.251	382.394
72.0	451.994	450.069	403.641	375.219	365.478
72.5	433.703	432.046	386.055	358.375	348.723
73.0	415.951	414.009	368.720	341.583	332.156
73.5	398.090	395.967	351.559	324.767	315.523
74.0	380.781	378.459	334.558	308.357	299.410
74.5	363.516	361.007	317.675	291.962	283.240
75.0	346.387	343.588	300.887	275.889	267.136
75.5	329.404	326.652	284.453	259.919	251.367
76.0	312.975	309.734	268.327	244.227	235.446
76.5	296.672	293.259	252.252	228.638	219.860
77.0	280.683	276.682	236.536	213.083	204.780
77.5	264.957	260.534	221.000	198.014	189.871
78.0	249.435	244.541	205.700	183.215	175.041
78.5	234.286	228.780	190.490	168.685	160.386
79.0	219.355	213.218	175.729	154.278	145.625
79.5	205.000	197.854	161.365	140.078	131.164
80.0	190.919	182.830	147.379	126.128	117.194
80.5	177.127	168.094	133.714	112.311	103.508
81.0	163.609	153.557	120.587	98.972	90.282
81.5	150.470	139.469	107.698	85.989	77.350
82.0	137.784	125.868	95.365	73.630	64.907
82.5	125.514	112.720	83.289	61.533	52.892

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CANDELA TABULATION - (Cont.)

83.0	113.679	99.951	71.543	49.977	41.031
83.5	102.279	87.673	60.327	38.382	29.458
84.0	91.314	76.081	49.614	27.386	23.274
84.5	80.817	64.995	39.285	21.405	19.933
85.0	70.774	54.542	28.642	18.140	17.203
85.5	61.237	44.755	18.781	15.467	14.809
86.0	52.134	35.569	14.601	13.059	12.624
86.5	43.434	27.036	11.970	10.950	10.610
87.0	35.362	18.966	9.715	9.064	8.742
87.5	27.725	10.724	7.724	7.182	7.059
88.0	20.703	6.948	5.971	5.537	5.344
88.5	14.309	5.067	4.331	4.020	3.916
89.0	8.846	3.375	2.818	2.630	2.597
89.5	4.204	1.957	1.665	1.581	1.420
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-L17-950-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-L17-950-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-L17-950-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	984.66	N.A.	15.60
0-30	2023.2	N.A.	32.10
0-40	3191.05	N.A.	50.70
0-60	5253.89	N.A.	83.50
0-80	6238.95	N.A.	99.10
0-90	6294.66	N.A.	100.00
10-90	6034.05	N.A.	95.90
20-40	2206.39	N.A.	35.10
20-50	3329.63	N.A.	52.90
40-70	2721.16	N.A.	43.20
60-80	985.06	N.A.	15.60
70-80	326.74	N.A.	5.20
80-90	55.71	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	6294.66	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	260.61
10-20	724.05
20-30	1038.54
30-40	1167.85
40-50	1123.23
50-60	939.60
60-70	658.32
70-80	326.74
80-90	55.71
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-L17-950-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	100	96	99	96	93	95	93	90	91	90	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	90	81	73	68	78	72	67	75	70	65	72	68	64	62
4	85	73	65	59	82	72	64	58	69	63	57	67	61	57	65	60	56	54
5	78	66	57	51	76	65	57	51	63	56	50	61	54	50	59	53	49	47
6	72	60	51	45	70	59	51	45	57	50	44	55	49	44	54	48	44	42
7	67	54	46	40	66	53	45	40	52	45	39	51	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	41	36	47	40	35	45	39	35	33
9	59	46	38	32	57	45	38	32	44	37	32	43	37	32	42	36	32	30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2AEG-L17-950-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

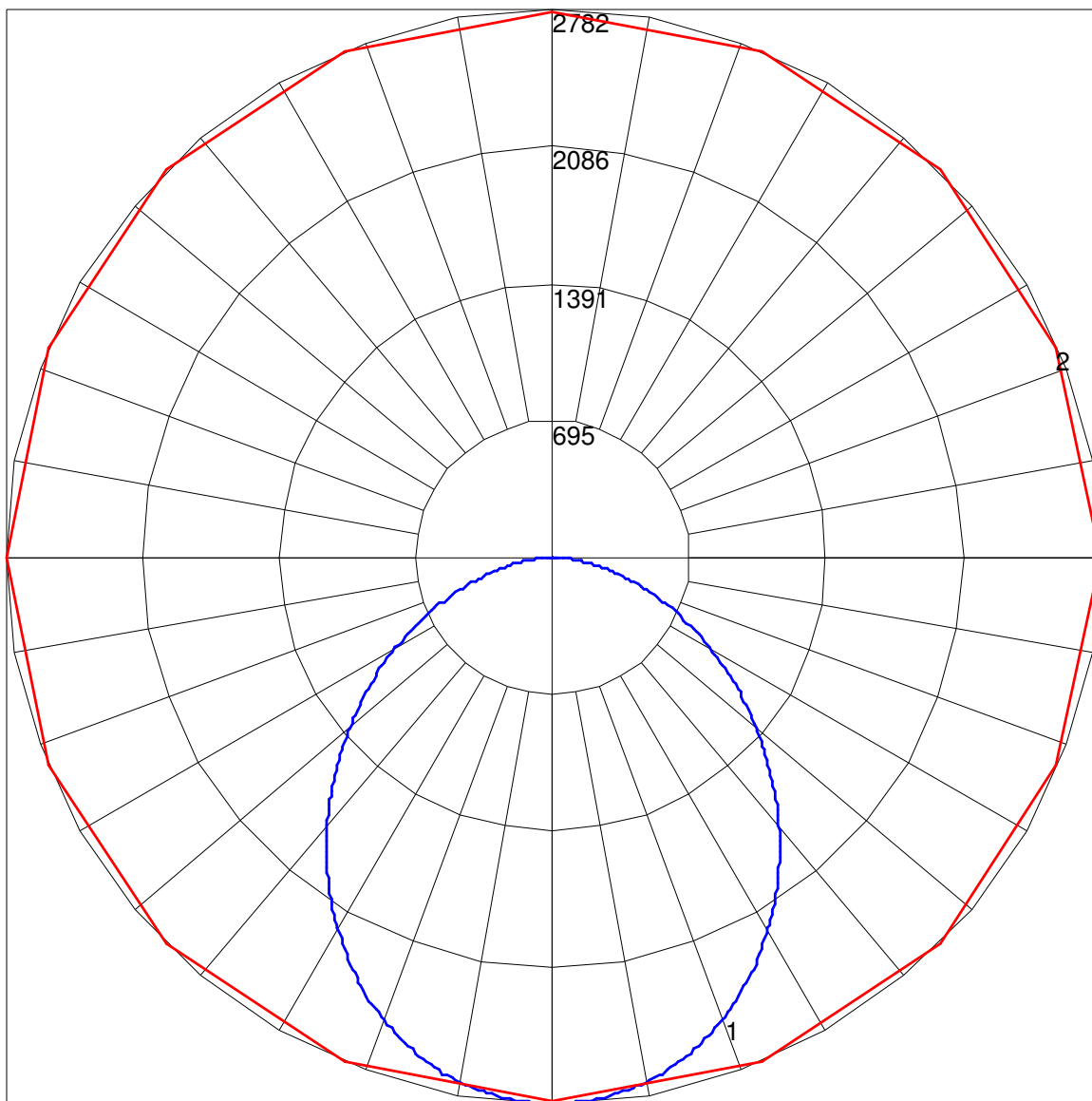
Reflectances

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	18.7	20.3	19.1	20.6	20.9	17.8	19.4	18.2	19.7	20.0
	3H	20.3	21.7	20.7	22.1	22.4	19.3	20.7	19.7	21.1	21.4
	4H	20.9	22.2	21.3	22.5	22.9	19.8	21.1	20.2	21.4	21.8
	6H	21.2	22.4	21.6	22.8	23.2	20.0	21.2	20.4	21.6	22.0
	8H	21.3	22.5	21.7	22.8	23.2	20.0	21.2	20.4	21.6	22.0
	12H	21.3	22.5	21.8	22.8	23.3	20.0	21.1	20.4	21.5	21.9
4H	2H	19.2	20.5	19.6	20.9	21.2	18.5	19.8	18.9	20.1	20.5
	3H	21.0	22.1	21.4	22.5	22.9	20.2	21.3	20.6	21.7	22.1
	4H	21.7	22.7	22.1	23.1	23.5	20.7	21.7	21.1	22.1	22.5
	6H	22.1	23.0	22.6	23.4	23.9	21.0	21.8	21.4	22.3	22.7
	8H	22.2	23.0	22.7	23.5	24.0	21.0	21.8	21.4	22.2	22.7
	12H	22.3	23.0	22.8	23.5	24.0	21.0	21.7	21.5	22.2	22.6
8H	4H	21.8	22.6	22.3	23.1	23.5	20.9	21.7	21.4	22.2	22.6
	6H	22.4	23.0	22.9	23.5	24.0	21.3	21.9	21.8	22.4	22.9
	8H	22.5	23.1	23.0	23.6	24.1	21.3	21.9	21.8	22.4	22.9
	12H	22.6	23.2	23.2	23.7	24.2	21.3	21.8	21.8	22.3	22.9
12H	4H	21.8	22.5	22.3	23.0	23.5	20.9	21.7	21.4	22.1	22.6
	6H	22.4	23.0	22.9	23.4	24.0	21.3	21.9	21.8	22.4	22.9
	8H	22.6	23.1	23.1	23.6	24.1	21.4	21.9	21.9	22.4	23.0

Maximum UGR = 24.2

POLAR GRAPH



Maximum Candela = 2781.702 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.)