

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-940-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-L17-940-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	6082
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
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	7522	6948	6520
55	6712	6210	5750
65	5776	5297	4885
75	4541	3945	3502
85	2755	1115	670

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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	2684.234	2684.234	2684.234	2684.234	2684.234
0.5	2687.472	2680.447	2686.470	2686.018	2676.378
1.0	2687.937	2679.029	2686.837	2684.234	2677.893
1.5	2685.786	2676.928	2684.418	2681.815	2674.191
2.0	2684.735	2675.694	2682.084	2682.463	2673.605
2.5	2683.550	2673.959	2680.031	2678.993	2668.986
3.0	2681.632	2673.507	2678.712	2675.157	2667.032
3.5	2680.129	2671.638	2673.458	2671.052	2664.344
4.0	2675.694	2667.251	2672.371	2667.081	2658.822
4.5	2674.008	2664.698	2666.250	2661.925	2651.332
5.0	2672.823	2662.328	2663.379	2654.985	2648.559
5.5	2668.901	2657.807	2658.223	2652.762	2642.903
6.0	2664.881	2654.570	2652.334	2644.955	2636.195
6.5	2659.628	2649.182	2648.461	2638.480	2629.170
7.0	2656.439	2644.209	2642.255	2632.322	2618.394
7.5	2650.868	2639.004	2634.631	2622.646	2610.917
8.0	2646.396	2633.115	2629.023	2614.937	2601.839
8.5	2638.857	2627.275	2621.081	2605.077	2593.947
9.0	2634.300	2621.435	2614.240	2596.366	2585.236
9.5	2629.511	2615.730	2604.881	2588.205	2574.057
10.0	2621.838	2609.022	2596.622	2576.427	2564.894
10.5	2614.483	2601.948	2588.595	2565.614	2551.564
11.0	2604.659	2592.723	2577.501	2554.985	2540.899
11.5	2601.752	2586.199	2567.507	2543.855	2528.253
12.0	2596.914	2578.759	2557.562	2532.725	2515.889
12.5	2587.470	2570.451	2547.984	2519.127	2502.975
13.0	2575.044	2561.141	2536.389	2507.496	2491.259
13.5	2567.652	2550.462	2526.126	2493.665	2479.726
14.0	2558.342	2541.385	2514.446	2479.566	2465.443
14.5	2549.765	2529.973	2501.117	2467.117	2448.827
15.0	2538.806	2518.696	2490.121	2452.834	2434.643
15.5	2530.779	2507.419	2477.708	2437.550	2416.792
16.0	2518.586	2496.558	2466.577	2423.500	2407.142
16.5	2510.192	2485.012	2452.613	2409.267	2389.157
17.0	2497.913	2473.283	2437.829	2392.198	2373.971
17.5	2486.135	2461.187	2423.180	2376.914	2357.269
18.0	2473.575	2448.224	2409.081	2361.862	2339.383
18.5	2462.995	2437.278	2394.481	2344.477	2320.714
19.0	2449.799	2422.115	2377.865	2329.742	2305.345
19.5	2438.938	2409.934	2363.815	2312.223	2286.456
20.0	2423.641	2396.837	2347.749	2295.069	2268.020
20.5	2413.928	2383.324	2333.699	2278.233	2251.600
21.0	2396.016	2368.992	2316.081	2262.497	2234.495
21.5	2384.569	2355.394	2299.929	2243.511	2215.741
22.0	2372.388	2340.696	2283.362	2225.124	2199.003
22.5	2358.191	2325.497	2267.528	2207.103	2178.600
23.0	2342.210	2311.532	2251.975	2189.632	2162.461
23.5	2329.845	2296.517	2233.123	2171.562	2143.939
24.0	2313.596	2280.267	2216.470	2151.757	2125.368
24.5	2297.248	2264.567	2198.034	2133.736	2105.014
25.0	2282.416	2248.501	2181.149	2113.565	2086.309
25.5	2267.400	2232.618	2162.713	2095.593	2066.553
26.0	2251.651	2215.183	2144.276	2077.389	2048.764
26.5	2235.035	2199.117	2125.473	2057.401	2028.092

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PHOTOMETRIC FILENAME : CMR2AEG-L17-940-CA-DIM-UNV_.IES

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27.0	2219.018	2182.049	2109.053	2038.146	2009.020
27.5	2201.534	2164.748	2088.466	2019.624	1991.647
28.0	2182.132	2146.947	2068.563	2000.552	1968.959
28.5	2164.930	2129.696	2051.960	1981.798	1949.753
29.0	2147.629	2112.628	2031.055	1962.409	1932.013
29.5	2130.879	2094.142	2012.668	1940.820	1909.557
30.0	2112.210	2075.290	1994.414	1923.032	1893.186
30.5	2094.543	2058.589	1975.844	1902.543	1873.797
31.0	2076.974	2039.553	1956.540	1882.604	1852.709
31.5	2058.940	2020.750	1935.635	1863.349	1834.920
32.0	2041.188	2001.764	1916.331	1843.226	1815.531
32.5	2021.420	1982.594	1896.343	1823.153	1795.775
33.0	2004.535	1963.241	1878.139	1803.165	1775.604
33.5	1985.316	1944.573	1857.552	1783.128	1755.799
34.0	1965.597	1924.535	1838.297	1765.205	1736.410
34.5	1946.928	1905.366	1818.627	1744.300	1718.022
35.0	1927.208	1886.013	1798.822	1725.595	1698.316
35.5	1909.407	1865.426	1778.650	1705.241	1676.910
36.0	1889.688	1846.623	1759.346	1685.118	1656.703
36.5	1869.968	1826.586	1739.175	1664.996	1636.665
37.0	1851.116	1806.732	1718.637	1643.273	1617.227
37.5	1830.346	1786.328	1699.834	1624.568	1600.673
38.0	1808.525	1767.158	1680.029	1604.531	1579.585
38.5	1790.088	1746.071	1659.491	1586.510	1561.197
39.0	1770.503	1726.217	1637.585	1565.972	1542.260
39.5	1749.048	1705.263	1616.729	1547.584	1523.506
40.0	1729.512	1685.593	1596.375	1528.965	1504.569
40.5	1708.925	1665.006	1576.337	1508.427	1485.998
41.0	1687.336	1645.152	1556.850	1489.990	1465.411
41.5	1666.566	1624.247	1536.495	1470.870	1446.608
42.0	1644.928	1603.159	1517.143	1451.333	1427.487
42.5	1623.840	1581.204	1496.421	1432.029	1408.684
43.0	1603.070	1559.114	1478.302	1413.593	1390.847
43.5	1581.298	1538.344	1457.899	1394.607	1371.726
44.0	1558.659	1518.124	1438.228	1375.437	1351.872
44.5	1535.335	1497.036	1419.242	1357.184	1333.301
45.0	1514.748	1476.632	1399.205	1338.014	1312.947
45.5	1493.978	1455.862	1380.035	1319.761	1292.543
46.0	1472.157	1435.641	1359.815	1299.907	1274.290
46.5	1450.702	1414.871	1340.645	1280.371	1254.619
47.0	1430.164	1394.284	1321.976	1260.700	1235.450
47.5	1408.661	1373.514	1302.440	1241.714	1216.830
48.0	1387.756	1353.110	1282.720	1221.677	1197.110
48.5	1366.986	1333.391	1263.184	1201.957	1177.574
49.0	1346.215	1312.804	1244.882	1183.521	1158.405
49.5	1323.844	1292.033	1225.163	1163.435	1140.652
50.0	1304.308	1272.497	1206.494	1144.949	1122.301
50.5	1283.171	1251.543	1187.275	1125.780	1103.449
51.0	1262.218	1231.457	1168.240	1106.378	1084.230
51.5	1241.081	1211.554	1149.204	1086.976	1066.062
52.0	1220.494	1191.285	1129.986	1069.040	1047.711
52.5	1200.408	1171.199	1110.950	1050.689	1029.223
53.0	1178.904	1151.797	1091.915	1030.554	1010.484
53.5	1158.134	1131.894	1072.880	1012.684	993.914
54.0	1137.180	1111.808	1053.661	993.715	974.715
54.5	1116.544	1091.722	1033.392	975.386	956.864

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2AEG-L17-940-CA-DIM-UNV_.IES

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55.0	1096.324	1071.953	1014.356	956.049	939.241
55.5	1076.054	1052.551	994.771	937.994	921.435
56.0	1055.101	1033.149	974.868	919.870	903.675
56.5	1034.648	1013.247	955.557	901.607	885.846
57.0	1013.511	994.529	936.360	883.390	867.901
57.5	993.926	975.127	917.163	865.148	849.635
58.0	973.473	955.725	897.668	847.159	831.664
58.5	952.153	936.140	878.882	829.489	813.856
59.0	932.568	916.554	859.959	811.475	796.183
59.5	912.115	897.470	840.990	793.644	778.922
60.0	892.347	878.159	821.927	776.040	761.384
60.5	871.894	859.074	803.322	757.865	743.824
61.0	851.897	839.921	784.716	739.643	726.423
61.5	831.936	821.020	765.744	722.061	709.364
62.0	812.026	801.936	747.391	704.843	691.435
62.5	792.403	783.010	729.174	687.054	673.575
63.0	772.871	764.483	710.979	669.699	656.492
63.5	753.535	745.854	692.600	652.000	639.865
64.0	733.720	727.194	674.129	634.506	622.163
64.5	714.279	708.684	655.910	617.081	605.055
65.0	695.153	690.124	637.576	599.677	587.901
65.5	675.867	671.755	619.561	583.007	570.380
66.0	656.855	653.655	601.317	565.945	554.096
66.5	637.943	635.474	583.530	548.380	537.169
67.0	618.862	617.182	565.423	531.273	520.127
67.5	600.183	599.151	547.543	513.752	503.199
68.0	581.632	580.810	529.330	496.666	486.363
68.5	563.011	562.381	511.792	479.853	469.411
69.0	544.601	543.734	494.053	462.606	452.413
69.5	526.315	525.424	476.633	445.871	435.542
70.0	508.052	507.138	459.131	428.961	418.727
70.5	489.907	488.760	441.655	412.027	402.386
71.0	471.757	470.623	424.317	395.327	385.982
71.5	454.219	452.692	407.018	379.029	369.504
72.0	436.759	434.898	390.035	362.571	353.158
72.5	419.084	417.483	373.042	346.295	336.968
73.0	401.930	400.054	356.291	330.069	320.959
73.5	384.671	382.620	339.708	313.820	304.887
74.0	367.946	365.702	323.281	297.963	289.317
74.5	351.262	348.838	306.967	282.121	273.693
75.0	334.711	332.007	290.745	266.589	258.131
75.5	318.301	315.641	274.865	251.157	242.894
76.0	302.425	299.293	259.282	235.994	227.509
76.5	286.672	283.374	243.749	220.931	212.449
77.0	271.221	267.355	228.563	205.900	197.877
77.5	256.026	251.752	213.550	191.340	183.470
78.0	241.027	236.298	198.766	177.039	169.141
78.5	226.389	221.069	184.069	162.999	154.979
79.0	211.961	206.031	169.805	149.077	140.717
79.5	198.090	191.185	155.925	135.356	126.742
80.0	184.484	176.667	142.411	121.877	113.243
80.5	171.157	162.428	129.206	108.525	100.019
81.0	158.095	148.381	116.523	95.636	87.239
81.5	145.398	134.768	104.067	83.090	74.743
82.0	133.139	121.625	92.151	71.148	62.719
82.5	121.283	108.921	80.481	59.459	51.109

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CANDELA TABULATION - (Cont.)

83.0	109.847	96.582	69.132	48.292	39.648
83.5	98.832	84.718	58.294	37.088	28.465
84.0	88.236	73.517	47.941	26.462	22.489
84.5	78.093	62.804	37.960	20.683	19.261
85.0	68.389	52.703	27.677	17.528	16.623
85.5	59.173	43.247	18.148	14.945	14.310
86.0	50.377	34.370	14.108	12.619	12.199
86.5	41.970	26.124	11.567	10.581	10.252
87.0	34.170	18.327	9.387	8.758	8.448
87.5	26.791	10.362	7.464	6.940	6.821
88.0	20.005	6.714	5.769	5.350	5.163
88.5	13.827	4.896	4.185	3.884	3.784
89.0	8.547	3.261	2.723	2.541	2.510
89.5	4.062	1.891	1.609	1.527	1.372
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2AEG-L17-940-CA-DIM-UNV_.IES

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-L17-940-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-L17-940-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-L17-940-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	951.47	N.A.	15.60
0-30	1955.00	N.A.	32.10
0-40	3083.49	N.A.	50.70
0-60	5076.79	N.A.	83.50
0-80	6028.65	N.A.	99.10
0-90	6082.48	N.A.	100.00
10-90	5830.66	N.A.	95.90
20-40	2132.02	N.A.	35.10
20-50	3217.39	N.A.	52.90
40-70	2629.43	N.A.	43.20
60-80	951.85	N.A.	15.60
70-80	315.73	N.A.	5.20
80-90	53.83	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	6082.48	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	251.82
10-20	699.64
20-30	1003.53
30-40	1128.49
40-50	1085.37
50-60	907.93
60-70	636.13
70-80	315.73
80-90	53.83
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-L17-940-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	70	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	71	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	42	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-L17-940-CA-DIM-UNV_.IES

UGR TABLE - CORRECTED

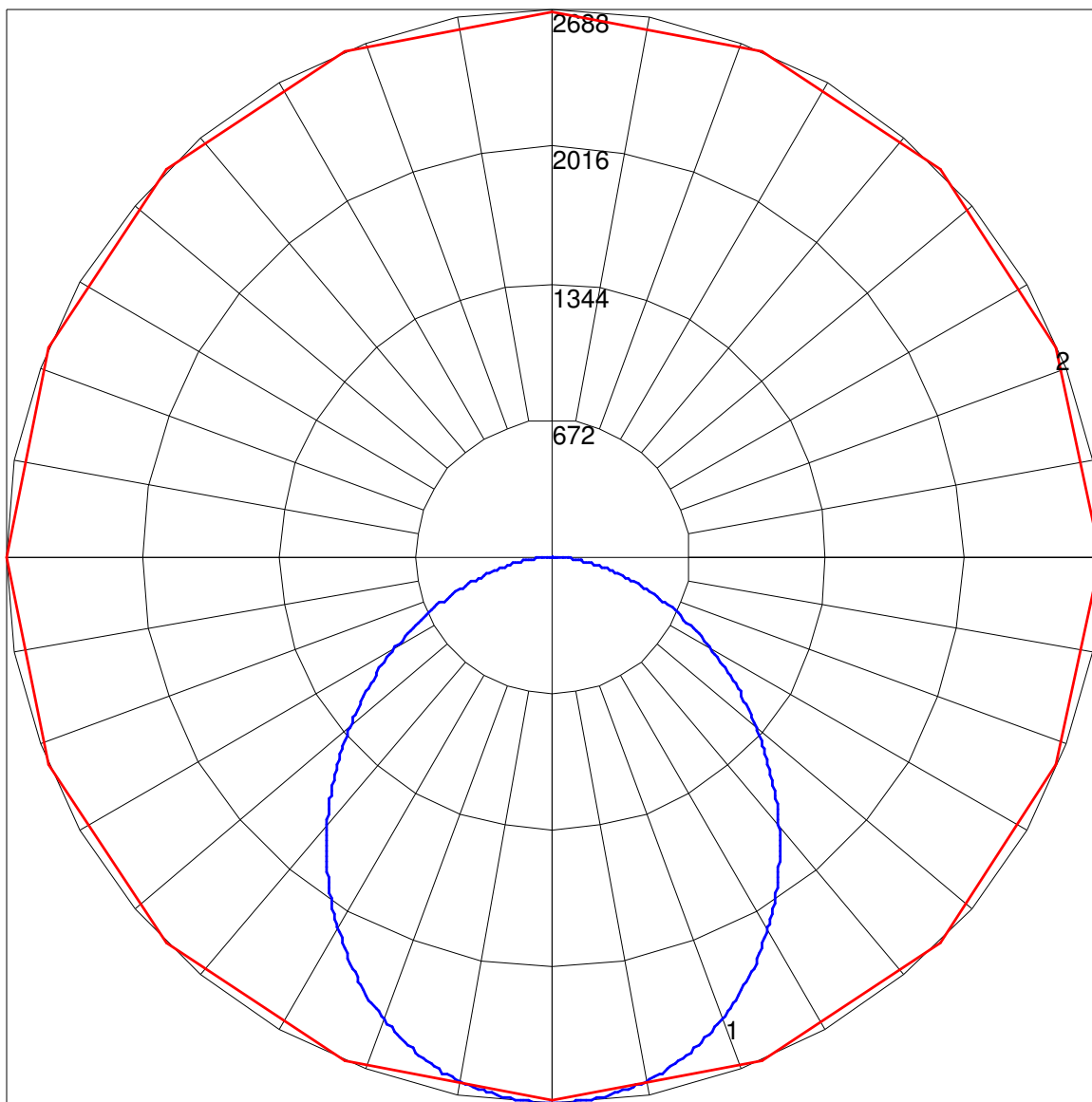
Reflectances

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	18.6	20.2	19.0	20.5	20.8	17.7	19.3	18.1	19.6	19.9
	3H	20.2	21.6	20.6	22.0	22.3	19.2	20.6	19.6	21.0	21.3
	4H	20.8	22.1	21.2	22.4	22.8	19.7	21.0	20.1	21.3	21.7
	6H	21.1	22.3	21.5	22.7	23.1	19.9	21.1	20.3	21.5	21.9
	8H	21.2	22.4	21.6	22.7	23.1	19.9	21.1	20.3	21.5	21.9
	12H	21.2	22.4	21.7	22.7	23.2	19.9	21.0	20.3	21.4	21.8
4H	2H	19.1	20.4	19.5	20.8	21.1	18.4	19.7	18.8	20.0	20.4
	3H	20.9	22.0	21.3	22.4	22.8	20.1	21.2	20.5	21.5	22.0
	4H	21.6	22.5	22.0	23.0	23.4	20.6	21.6	21.0	22.0	22.4
	6H	22.0	22.9	22.5	23.3	23.8	20.9	21.7	21.3	22.2	22.6
	8H	22.1	22.9	22.6	23.4	23.9	20.9	21.7	21.3	22.1	22.6
	12H	22.2	22.9	22.7	23.4	23.9	20.9	21.6	21.4	22.1	22.5
8H	4H	21.7	22.5	22.2	23.0	23.4	20.8	21.6	21.3	22.1	22.5
	6H	22.3	22.9	22.8	23.4	23.9	21.2	21.8	21.7	22.3	22.8
	8H	22.4	23.0	22.9	23.5	24.0	21.2	21.8	21.7	22.3	22.8
	12H	22.5	23.1	23.1	23.6	24.1	21.2	21.7	21.7	22.2	22.8
12H	4H	21.7	22.4	22.2	22.9	23.4	20.8	21.6	21.3	22.0	22.5
	6H	22.3	22.9	22.8	23.3	23.9	21.2	21.8	21.7	22.3	22.8
	8H	22.5	23.0	23.0	23.5	24.0	21.3	21.8	21.8	22.3	22.9

Maximum UGR = 24.1

POLAR GRAPH



Maximum Candela = 2687.937 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.)