

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-827-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] CMR2AEG-L17-827-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	6860
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
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	8484	7837	7354
55	7570	7004	6486
65	6515	5975	5510
75	5122	4449	3950
85	3108	1258	755

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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	3027.567	3027.567	3027.567	3027.567	3027.567
0.5	3031.218	3023.295	3030.088	3029.579	3018.706
1.0	3031.742	3021.696	3030.502	3027.567	3020.415
1.5	3029.317	3019.326	3027.773	3024.838	3016.239
2.0	3028.132	3017.934	3025.141	3025.569	3015.578
2.5	3026.795	3015.977	3022.826	3021.655	3010.368
3.0	3024.631	3015.467	3021.338	3017.328	3008.164
3.5	3022.936	3013.359	3015.412	3012.698	3005.132
4.0	3017.934	3008.412	3014.186	3008.219	2998.904
4.5	3016.032	3005.532	3007.282	3002.404	2990.456
5.0	3014.696	3002.858	3004.043	2994.577	2987.328
5.5	3010.272	2997.759	2998.228	2992.069	2980.948
6.0	3005.738	2994.108	2991.586	2983.263	2973.383
6.5	2999.812	2988.030	2987.218	2975.960	2965.459
7.0	2996.216	2982.422	2980.217	2969.015	2953.305
7.5	2989.932	2976.551	2971.618	2958.101	2944.871
8.0	2984.888	2969.909	2965.293	2949.405	2934.633
8.5	2976.385	2963.322	2956.336	2938.284	2925.731
9.0	2971.246	2956.735	2948.619	2928.459	2915.905
9.5	2965.844	2950.300	2938.063	2919.254	2903.296
10.0	2957.190	2942.734	2928.748	2905.970	2892.962
10.5	2948.893	2934.755	2919.694	2893.774	2877.927
11.0	2937.813	2924.351	2907.181	2881.785	2865.897
11.5	2934.534	2916.992	2895.909	2869.232	2851.634
12.0	2929.077	2908.600	2884.692	2856.678	2837.689
12.5	2918.425	2899.229	2873.888	2841.340	2823.123
13.0	2904.410	2888.728	2860.811	2828.222	2809.908
13.5	2896.073	2876.684	2849.235	2812.622	2796.900
14.0	2885.572	2866.446	2836.061	2796.720	2780.791
14.5	2875.898	2853.575	2821.027	2782.678	2762.049
15.0	2863.537	2840.855	2808.625	2766.569	2746.051
15.5	2854.483	2828.136	2794.624	2749.330	2725.917
16.0	2840.730	2815.885	2782.070	2733.482	2715.032
16.5	2831.263	2802.862	2766.319	2717.429	2694.747
17.0	2817.414	2789.633	2749.645	2698.177	2677.618
17.5	2804.129	2775.990	2733.122	2680.938	2658.780
18.0	2789.963	2761.369	2717.220	2663.961	2638.606
18.5	2778.029	2749.022	2700.752	2644.352	2617.549
19.0	2763.146	2731.920	2682.011	2627.733	2600.214
19.5	2750.895	2718.181	2666.163	2607.972	2578.910
20.0	2733.642	2703.409	2648.042	2588.624	2558.115
20.5	2722.687	2688.167	2632.195	2569.635	2539.595
21.0	2702.483	2672.003	2612.323	2551.886	2520.303
21.5	2689.572	2656.665	2594.106	2530.472	2499.150
22.0	2675.833	2640.087	2575.420	2509.732	2480.271
22.5	2659.820	2622.945	2557.560	2489.406	2457.258
23.0	2641.794	2607.194	2540.018	2469.701	2439.055
23.5	2627.849	2590.257	2518.755	2449.320	2418.164
24.0	2609.521	2571.929	2499.972	2426.982	2397.218
24.5	2591.082	2554.221	2479.178	2406.656	2374.259
25.0	2574.353	2536.100	2460.133	2383.904	2353.162
25.5	2557.416	2518.185	2439.339	2363.634	2330.879
26.0	2539.653	2498.521	2418.544	2343.101	2310.815
26.5	2520.912	2480.399	2397.336	2320.557	2287.499

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27.0	2502.846	2461.148	2378.816	2298.839	2265.988
27.5	2483.126	2441.635	2355.595	2277.948	2246.393
28.0	2461.242	2421.557	2333.147	2256.437	2220.802
28.5	2441.839	2402.099	2314.420	2235.284	2199.140
29.0	2422.326	2382.847	2290.841	2213.415	2179.131
29.5	2403.433	2361.998	2270.102	2189.065	2153.803
30.0	2382.376	2340.734	2249.514	2169.001	2135.338
30.5	2362.450	2321.896	2228.568	2145.891	2113.468
31.0	2342.634	2300.426	2206.795	2123.402	2089.683
31.5	2322.293	2279.218	2183.216	2101.684	2069.619
32.0	2302.270	2257.803	2161.443	2078.988	2047.750
32.5	2279.973	2236.182	2138.899	2056.347	2025.467
33.0	2260.929	2214.354	2118.366	2033.802	2002.716
33.5	2239.252	2193.297	2095.146	2011.202	1980.378
34.0	2217.010	2170.697	2073.428	1990.987	1958.509
34.5	2195.954	2149.075	2051.242	1967.409	1937.769
35.0	2173.712	2127.247	2028.904	1946.311	1915.542
35.5	2153.634	2104.027	2006.152	1923.353	1891.399
36.0	2131.392	2082.819	1984.379	1900.657	1868.606
36.5	2109.150	2060.219	1961.628	1877.961	1846.006
37.0	2087.887	2037.825	1938.463	1853.459	1824.082
37.5	2064.460	2014.812	1917.255	1832.361	1805.410
38.0	2039.848	1993.190	1894.917	1809.761	1781.625
38.5	2019.053	1969.405	1871.752	1789.436	1760.885
39.0	1996.963	1947.012	1847.043	1766.271	1739.526
39.5	1972.764	1923.378	1823.520	1745.531	1718.373
40.0	1950.729	1901.192	1800.562	1724.530	1697.013
40.5	1927.509	1877.972	1777.962	1701.365	1676.067
41.0	1903.159	1855.578	1755.982	1680.570	1652.847
41.5	1879.732	1832.000	1733.024	1659.004	1631.639
42.0	1855.326	1808.215	1711.196	1636.969	1610.073
42.5	1831.541	1783.451	1687.824	1615.196	1588.865
43.0	1808.114	1758.536	1667.388	1594.401	1568.746
43.5	1783.557	1735.109	1644.374	1572.987	1547.179
44.0	1758.022	1712.302	1622.188	1551.365	1524.786
44.5	1731.715	1688.517	1600.773	1530.777	1503.840
45.0	1708.495	1665.504	1578.173	1509.156	1480.882
45.5	1685.068	1642.077	1556.551	1488.568	1457.868
46.0	1660.456	1619.270	1533.744	1466.174	1437.280
46.5	1636.257	1595.843	1512.123	1444.139	1415.094
47.0	1613.092	1572.623	1491.066	1421.953	1393.472
47.5	1588.838	1549.196	1469.031	1400.538	1372.471
48.0	1565.260	1526.182	1446.789	1377.938	1350.229
48.5	1541.833	1503.940	1424.754	1355.696	1328.194
49.0	1518.406	1480.720	1404.111	1334.902	1306.573
49.5	1493.173	1457.293	1381.869	1312.246	1286.550
50.0	1471.138	1435.258	1360.813	1291.396	1265.851
50.5	1447.298	1411.625	1339.136	1269.775	1244.588
51.0	1423.664	1388.969	1317.666	1247.891	1222.911
51.5	1399.824	1366.521	1296.196	1226.008	1202.419
52.0	1376.603	1343.659	1274.519	1205.778	1181.721
52.5	1353.948	1321.003	1253.049	1185.080	1160.868
53.0	1329.694	1299.120	1231.579	1162.369	1139.731
53.5	1306.267	1276.671	1210.108	1142.214	1121.042
54.0	1282.634	1254.016	1188.432	1120.818	1099.387
54.5	1259.358	1231.361	1165.570	1100.144	1079.254

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55.0	1236.551	1209.064	1144.099	1078.335	1059.377
55.5	1213.689	1187.180	1122.009	1057.970	1039.293
56.0	1190.056	1165.296	1099.561	1037.528	1019.261
56.5	1166.987	1142.848	1077.779	1016.928	999.152
57.0	1143.146	1121.736	1056.127	996.381	978.911
57.5	1121.056	1099.852	1034.475	975.807	958.309
58.0	1097.987	1077.969	1012.486	955.516	938.040
58.5	1073.940	1055.878	991.297	935.586	917.953
59.0	1051.850	1033.788	969.954	915.268	898.021
59.5	1028.781	1012.263	948.558	895.157	878.551
60.0	1006.484	990.481	927.057	875.301	858.770
60.5	983.415	968.956	906.072	854.801	838.965
61.0	960.860	947.353	885.087	834.248	819.338
61.5	938.347	926.034	863.688	814.418	800.097
62.0	915.890	904.509	842.987	794.998	779.875
62.5	893.757	883.163	822.440	774.933	759.730
63.0	871.727	862.266	801.918	755.358	740.461
63.5	849.918	841.254	781.189	735.395	721.708
64.0	827.568	820.207	760.355	715.664	701.742
64.5	805.641	799.329	739.805	696.010	682.446
65.0	784.068	778.395	719.126	676.380	663.098
65.5	762.315	757.677	698.808	657.577	643.336
66.0	740.871	737.263	678.230	638.334	624.969
66.5	719.540	716.756	658.168	618.522	605.876
67.0	698.019	696.124	637.745	599.226	586.654
67.5	676.951	675.787	617.578	579.464	567.562
68.0	656.026	655.099	597.035	560.193	548.572
68.5	635.025	634.314	577.254	541.230	529.452
69.0	614.260	613.282	557.245	521.777	510.280
69.5	593.634	592.630	537.598	502.901	491.251
70.0	573.035	572.004	517.857	483.828	472.285
70.5	552.569	551.275	498.146	464.728	453.854
71.0	532.098	530.819	478.590	445.893	435.352
71.5	512.317	510.595	459.079	427.510	416.766
72.0	492.623	490.525	439.923	408.947	398.330
72.5	472.688	470.881	420.757	390.589	380.068
73.0	453.340	451.223	401.863	372.288	362.012
73.5	433.873	431.560	383.159	353.960	343.885
74.0	415.009	412.477	364.631	336.075	326.323
74.5	396.191	393.457	346.230	318.206	308.700
75.0	377.523	374.473	327.933	300.688	291.148
75.5	359.014	356.014	310.022	283.282	273.961
76.0	341.107	337.575	292.446	266.180	256.609
76.5	323.340	319.620	274.926	249.190	239.623
77.0	305.913	301.552	257.798	232.236	223.187
77.5	288.774	283.953	240.865	215.813	206.938
78.0	271.856	266.523	224.190	199.684	190.775
78.5	255.346	249.345	207.613	183.848	174.802
79.0	239.072	232.383	191.525	168.145	158.715
79.5	223.427	215.638	175.869	152.669	142.953
80.0	208.081	199.264	160.626	137.465	127.728
80.5	193.049	183.204	145.733	122.407	112.812
81.0	178.316	167.360	131.427	107.869	98.397
81.5	163.995	152.006	117.378	93.718	84.303
82.0	150.169	137.182	103.938	80.248	70.741
82.5	136.796	122.852	90.775	67.064	57.646

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CANDELA TABULATION - (Cont.)

83.0	123.898	108.935	77.974	54.469	44.720
83.5	111.473	95.554	65.750	41.832	32.106
84.0	99.522	82.920	54.074	29.847	25.366
84.5	88.082	70.837	42.816	23.329	21.725
85.0	77.136	59.444	31.217	19.770	18.749
85.5	66.741	48.778	20.469	16.857	16.140
86.0	56.821	38.766	15.913	14.233	13.759
86.5	47.338	29.466	13.046	11.934	11.564
87.0	38.541	20.671	10.588	9.878	9.528
87.5	30.218	11.688	8.419	7.828	7.694
88.0	22.564	7.573	6.507	6.035	5.824
88.5	15.595	5.522	4.720	4.381	4.268
89.0	9.641	3.678	3.072	2.867	2.831
89.5	4.582	2.133	1.815	1.723	1.548
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-L17-827-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 : CMR2AEG-L17-827-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 : CMR2AEG-L17-827-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1073.17	N.A.	15.60
0-30	2205.06	N.A.	32.10
0-40	3477.89	N.A.	50.70
0-60	5726.15	N.A.	83.50
0-80	6799.75	N.A.	99.10
0-90	6860.47	N.A.	100.00
10-90	6576.44	N.A.	95.90
20-40	2404.72	N.A.	35.10
20-50	3628.92	N.A.	52.90
40-70	2965.75	N.A.	43.20
60-80	1073.6	N.A.	15.60
70-80	356.11	N.A.	5.20
80-90	60.72	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	6860.47	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	284.03
10-20	789.13
20-30	1131.89
30-40	1272.83
40-50	1224.2
50-60	1024.06
60-70	717.49
70-80	356.11
80-90	60.72
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-L17-827-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	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-L17-827-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

X=2H	Y=2H	19.0	20.6	19.4	20.9	21.2	18.1	19.7	18.5	20.0	20.3
	3H	20.6	22.0	21.0	22.4	22.7	19.6	21.0	20.0	21.4	21.7
	4H	21.2	22.5	21.6	22.8	23.2	20.1	21.4	20.5	21.7	22.1
	6H	21.5	22.7	21.9	23.1	23.5	20.3	21.5	20.7	21.9	22.3
	8H	21.6	22.8	22.0	23.1	23.5	20.3	21.5	20.7	21.9	22.3
	12H	21.6	22.8	22.1	23.1	23.6	20.3	21.4	20.7	21.8	22.2

UGR Viewed Endwise

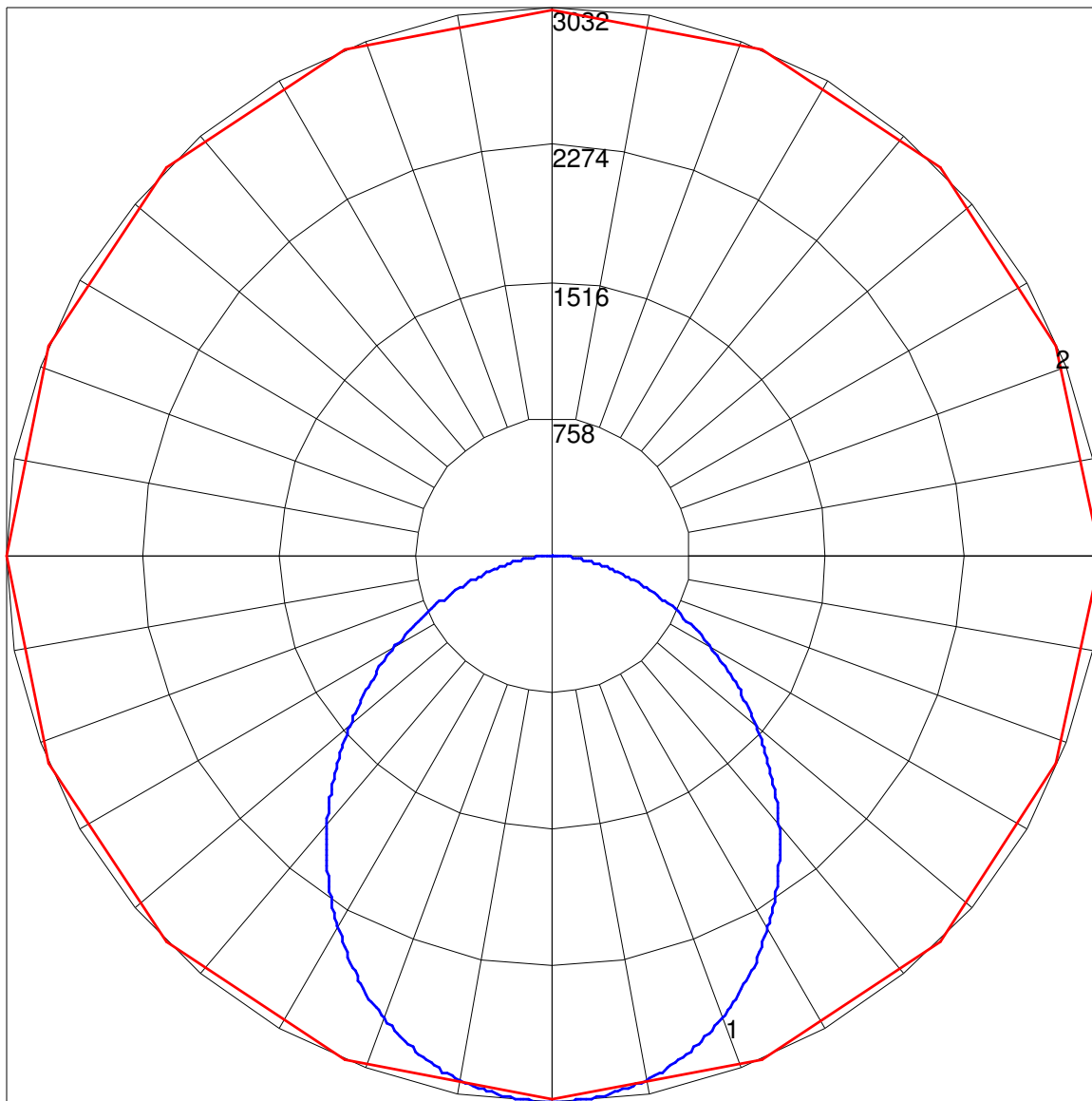
4H	2H	19.5	20.8	19.9	21.2	21.5	18.8	20.1	19.2	20.4	20.8
	3H	21.3	22.4	21.7	22.8	23.2	20.5	21.6	20.9	22.0	22.4
	4H	22.0	23.0	22.4	23.4	23.8	21.0	22.0	21.4	22.4	22.8
	6H	22.4	23.3	22.9	23.7	24.2	21.3	22.1	21.7	22.6	23.0
	8H	22.5	23.3	23.0	23.8	24.3	21.3	22.1	21.7	22.5	23.0
	12H	22.6	23.3	23.1	23.8	24.3	21.3	22.0	21.8	22.5	22.9

8H	4H	22.1	22.9	22.6	23.4	23.8	21.2	22.0	21.7	22.5	22.9
	6H	22.7	23.3	23.2	23.8	24.3	21.6	22.2	22.1	22.7	23.2
	8H	22.8	23.4	23.3	23.9	24.4	21.6	22.2	22.1	22.7	23.2
	12H	22.9	23.5	23.5	24.0	24.5	21.6	22.1	22.1	22.6	23.2

12H	4H	22.1	22.8	22.6	23.3	23.8	21.2	22.0	21.7	22.4	22.9
	6H	22.7	23.3	23.2	23.7	24.3	21.6	22.2	22.1	22.7	23.2
	8H	22.9	23.4	23.4	23.9	24.4	21.7	22.2	22.2	22.7	23.3

Maximum UGR = 24.5

POLAR GRAPH



Maximum Candela = 3031.742 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.)