

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L33-935-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-L33-935-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	7200
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
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	8617	8276	8078
55	7735	7574	7412
65	6670	6656	6512
75	5177	5059	4749
85	2970	1395	878

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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	3033.874	3033.874	3033.874	3033.874	3033.874
0.5	3036.832	3029.886	3036.197	3036.591	3024.133
1.0	3038.941	3027.854	3036.883	3033.874	3027.588
1.5	3035.537	3025.162	3034.216	3031.207	3022.521
2.0	3034.191	3023.473	3030.470	3033.658	3023.283
2.5	3033.213	3021.466	3028.489	3029.645	3016.501
3.0	3030.864	3021.860	3027.880	3024.947	3015.943
3.5	3029.912	3020.222	3021.149	3020.985	3014.013
4.0	3023.473	3014.495	3021.594	3016.654	3008.019
4.5	3022.178	3012.196	3013.860	3011.346	2998.965
5.0	3021.200	3010.241	3011.587	3003.321	2998.115
5.5	3017.581	3004.882	3006.279	3003.499	2992.489
6.0	3012.539	3001.923	2999.600	2994.470	2985.518
6.5	3005.809	2995.561	2996.692	2988.553	2978.572
7.0	3003.561	2990.596	2990.038	2982.610	2965.847
7.5	2996.856	2984.577	2981.352	2971.943	2959.295
8.0	2992.208	2977.897	2976.438	2964.337	2950.368
8.5	2982.442	2971.929	2967.777	2953.327	2942.419
9.0	2978.875	2965.960	2961.174	2945.086	2934.178
9.5	2974.252	2959.624	2950.481	2937.873	2922.559
10.0	2964.855	2952.652	2941.846	2924.514	2914.712
10.5	2955.432	2944.995	2934.265	2913.581	2899.689
11.0	2942.631	2933.934	2921.566	2902.990	2890.889
11.5	2942.149	2927.305	2910.925	2892.082	2876.527
12.0	2936.816	2918.962	2900.995	2881.175	2863.930
12.5	2927.203	2909.615	2891.750	2866.889	2850.304
13.0	2911.392	2899.634	2878.734	2855.663	2840.159
13.5	2903.760	2888.332	2868.829	2840.323	2830.356
14.0	2893.779	2879.405	2856.893	2825.720	2815.410
14.5	2885.169	2866.732	2841.870	2814.202	2796.717
15.0	2872.102	2853.690	2830.593	2799.256	2783.193
15.5	2864.521	2840.648	2817.285	2783.675	2762.811
16.0	2849.764	2829.003	2806.377	2769.783	2757.150
16.5	2841.498	2816.698	2791.405	2755.548	2737.136
17.0	2827.821	2804.050	2776.142	2737.249	2722.978
17.5	2814.461	2790.716	2760.510	2721.668	2705.365
18.0	2799.019	2776.379	2745.906	2707.141	2686.774
18.5	2789.140	2765.814	2730.985	2688.868	2666.100
19.0	2773.748	2747.362	2712.292	2674.316	2651.599
19.5	2762.104	2735.108	2698.400	2656.411	2632.373
20.0	2744.020	2721.139	2680.736	2639.192	2612.754
20.5	2735.144	2705.773	2666.844	2621.947	2596.906
21.0	2711.548	2690.115	2647.517	2606.760	2580.399
21.5	2700.666	2675.829	2630.932	2586.111	2560.805
22.0	2688.412	2659.486	2612.951	2567.203	2544.983
22.5	2672.386	2642.825	2596.341	2548.981	2522.302
23.0	2653.642	2627.853	2581.497	2531.787	2508.221
23.5	2641.045	2611.535	2560.480	2512.854	2489.681
24.0	2623.038	2593.528	2543.578	2491.914	2470.430
24.5	2603.608	2576.550	2523.959	2473.691	2448.461
25.0	2587.633	2558.886	2506.003	2452.065	2429.578
25.5	2571.315	2541.564	2486.383	2434.554	2409.349
26.0	2553.625	2522.580	2466.763	2415.989	2392.181
26.5	2534.932	2504.915	2446.458	2394.706	2370.238

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CANDELA TABULATION - (Cont.)

27.0	2517.979	2486.616	2430.611	2374.795	2350.670
27.5	2498.283	2467.263	2407.587	2356.255	2334.899
28.0	2476.238	2447.593	2385.224	2336.686	2309.183
28.5	2458.307	2428.951	2369.034	2317.092	2289.983
29.0	2438.954	2410.652	2346.036	2297.549	2273.527
29.5	2420.629	2390.321	2327.128	2273.891	2248.865
30.0	2399.955	2369.304	2307.852	2256.723	2233.729
30.5	2379.916	2351.691	2288.601	2235.123	2214.186
31.0	2361.300	2330.331	2267.978	2214.551	2190.846
31.5	2340.575	2310.026	2244.980	2194.640	2173.678
32.0	2321.616	2289.378	2224.357	2173.725	2154.135
32.5	2298.884	2268.386	2203.074	2153.522	2133.906
33.0	2280.928	2247.052	2184.509	2132.239	2112.280
33.5	2259.226	2226.378	2161.486	2110.244	2091.340
34.0	2237.206	2204.384	2141.574	2093.445	2071.797
34.5	2216.532	2183.393	2120.266	2070.447	2052.889
35.0	2194.512	2162.058	2099.325	2051.564	2033.371
35.5	2174.841	2139.035	2077.699	2029.595	2010.056
36.0	2152.821	2118.730	2057.077	2008.681	1990.221
36.5	2130.801	2096.735	2035.451	1987.766	1968.227
37.0	2109.785	2075.084	2013.139	1964.477	1947.973
37.5	2086.418	2052.403	1992.833	1945.594	1932.494
38.0	2061.706	2031.412	1971.893	1923.600	1909.153
38.5	2042.086	2008.071	1949.581	1905.377	1890.245
39.0	2019.698	1986.420	1925.949	1883.065	1870.308
39.5	1995.671	1962.711	1903.663	1864.157	1850.714
40.0	1973.994	1941.402	1881.694	1844.195	1830.777
40.5	1950.971	1918.379	1859.699	1821.883	1811.526
41.0	1927.313	1896.727	1838.733	1802.263	1788.503
41.5	1903.947	1873.730	1816.764	1781.983	1768.197
42.0	1879.578	1850.389	1795.430	1760.306	1747.917
42.5	1856.237	1826.045	1772.776	1739.684	1727.612
43.0	1832.871	1802.070	1753.130	1720.064	1709.733
43.5	1808.870	1778.704	1730.450	1699.416	1689.453
44.0	1783.866	1756.366	1709.141	1678.424	1667.801
44.5	1758.201	1733.026	1688.493	1659.148	1648.550
45.0	1735.178	1710.345	1666.499	1638.157	1626.581
45.5	1711.812	1686.979	1645.507	1618.880	1603.901
46.0	1687.099	1664.642	1623.170	1597.228	1584.624
46.5	1663.073	1641.276	1602.179	1575.551	1563.316
47.0	1640.761	1618.252	1581.505	1554.243	1542.324
47.5	1616.023	1594.886	1559.828	1533.594	1522.362
48.0	1593.026	1572.206	1537.808	1511.600	1500.342
48.5	1569.659	1550.186	1516.131	1489.580	1478.665
49.0	1546.293	1527.163	1496.143	1469.960	1457.673
49.5	1520.552	1503.796	1474.123	1447.254	1438.714
50.0	1498.875	1482.119	1453.449	1426.923	1418.015
50.5	1474.823	1458.410	1431.746	1405.932	1396.998
51.0	1451.114	1435.704	1410.387	1383.887	1375.295
51.5	1427.062	1413.341	1389.027	1361.841	1354.939
52.0	1404.039	1390.293	1367.324	1342.539	1334.240
52.5	1381.333	1367.587	1345.964	1321.840	1313.408
53.0	1356.595	1345.541	1324.605	1298.422	1292.168
53.5	1333.229	1323.178	1303.245	1278.686	1273.686
54.0	1309.520	1300.472	1281.542	1256.891	1251.338
54.5	1285.785	1277.767	1258.494	1236.047	1230.956

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55.0	1263.448	1255.035	1237.134	1213.567	1210.627
55.5	1240.399	1232.990	1214.745	1192.987	1189.955
56.0	1216.690	1210.944	1192.383	1172.341	1169.494
56.5	1193.298	1188.581	1170.258	1151.062	1148.968
57.0	1169.246	1167.196	1148.411	1129.994	1127.663
57.5	1146.858	1145.150	1126.563	1108.571	1105.884
58.0	1123.466	1123.105	1104.096	1087.556	1084.224
58.5	1099.071	1100.716	1082.645	1067.017	1063.052
59.0	1076.682	1078.328	1061.061	1045.646	1042.012
59.5	1053.291	1056.257	1039.267	1024.619	1021.368
60.0	1030.559	1034.132	1017.051	1003.645	999.959
60.5	1007.168	1012.061	995.442	981.787	978.695
61.0	984.133	989.924	973.833	959.718	957.419
61.5	961.166	968.196	951.539	938.599	936.473
62.0	938.232	946.125	930.339	917.665	914.022
62.5	915.524	924.041	909.271	895.848	891.638
63.0	892.989	902.640	888.058	874.782	870.336
63.5	870.509	880.926	866.503	852.886	849.641
64.0	847.566	859.214	844.525	831.188	827.244
64.5	824.952	837.598	822.957	809.555	805.587
65.0	802.741	815.950	801.112	787.778	783.718
65.5	780.293	794.536	779.741	767.373	761.163
66.0	758.108	773.316	757.817	745.926	740.799
66.5	735.988	752.066	736.500	723.661	718.983
67.0	713.737	730.611	714.708	702.003	696.891
67.5	691.991	709.457	692.970	679.449	675.076
68.0	670.235	687.970	670.793	657.646	653.181
68.5	648.413	666.382	649.384	636.108	631.010
69.0	626.860	644.634	627.598	613.818	608.629
69.5	605.476	623.144	606.287	592.237	586.236
70.0	584.197	601.760	584.697	570.206	564.197
70.5	563.016	580.204	563.033	548.069	542.549
71.0	541.764	558.916	541.501	526.307	520.907
71.5	521.285	537.825	519.859	505.049	499.127
72.0	500.765	516.866	498.620	483.554	477.408
72.5	480.154	496.306	477.239	462.151	455.855
73.0	460.145	475.783	456.125	440.780	434.395
73.5	440.002	455.188	435.141	419.303	412.940
74.0	420.423	435.125	414.322	398.189	392.053
74.5	400.985	415.164	393.531	377.288	371.063
75.0	381.607	395.201	372.910	356.719	350.067
75.5	362.432	375.737	352.620	336.214	329.368
76.0	343.823	356.307	332.700	315.902	308.394
76.5	325.383	337.308	312.811	295.654	287.716
77.0	307.383	318.245	293.323	275.403	267.643
77.5	289.613	299.649	274.037	255.722	247.878
78.0	272.149	281.149	255.053	236.342	228.071
78.5	255.049	262.881	236.170	217.263	208.394
79.0	238.219	244.848	217.789	198.282	188.403
79.5	222.060	227.050	199.877	179.428	168.890
80.0	206.272	209.619	182.401	160.840	150.018
80.5	190.820	192.523	165.258	142.493	131.660
81.0	175.739	175.662	148.717	124.824	113.946
81.5	161.095	159.303	132.479	107.735	96.889
82.0	147.023	143.514	116.878	91.527	80.653
82.5	133.455	128.298	101.614	75.979	65.563

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CANDELA TABULATION - (Cont.)

83.0	120.426	113.517	86.825	61.533	51.248
83.5	107.935	99.378	72.746	47.698	37.948
84.0	95.983	86.043	59.451	35.069	30.238
84.5	84.567	73.314	46.913	27.665	25.562
85.0	73.723	61.357	34.614	23.126	21.804
85.5	63.484	50.172	23.541	19.471	18.592
86.0	53.783	39.762	18.215	16.296	15.758
86.5	44.623	30.160	14.700	13.599	13.232
87.0	36.166	21.274	11.799	11.242	10.909
87.5	28.247	12.508	9.379	8.956	8.858
88.0	21.067	8.223	7.262	6.973	6.810
88.5	14.590	5.937	5.350	5.160	5.096
89.0	9.113	3.994	3.608	3.515	3.518
89.5	4.502	2.423	2.267	2.238	2.071
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-L33-935-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-L33-935-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-L33-935-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1080.96	N.A.	15.00
0-30	2234.34	N.A.	31.00
0-40	3551.14	N.A.	49.30
0-60	5947.34	N.A.	82.60
0-80	7134.54	N.A.	99.10
0-90	7199.91	N.A.	100.00
10-90	6914.9	N.A.	96.00
20-40	2470.17	N.A.	34.30
20-50	3761.47	N.A.	52.20
40-70	3187.23	N.A.	44.30
60-80	1187.2	N.A.	16.50
70-80	396.17	N.A.	5.50
80-90	65.37	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	7199.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	285.01
10-20	795.96
20-30	1153.38
30-40	1316.8
40-50	1291.29
50-60	1104.91
60-70	791.03
70-80	396.17
80-90	65.37
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-L33-935-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-L33-935-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

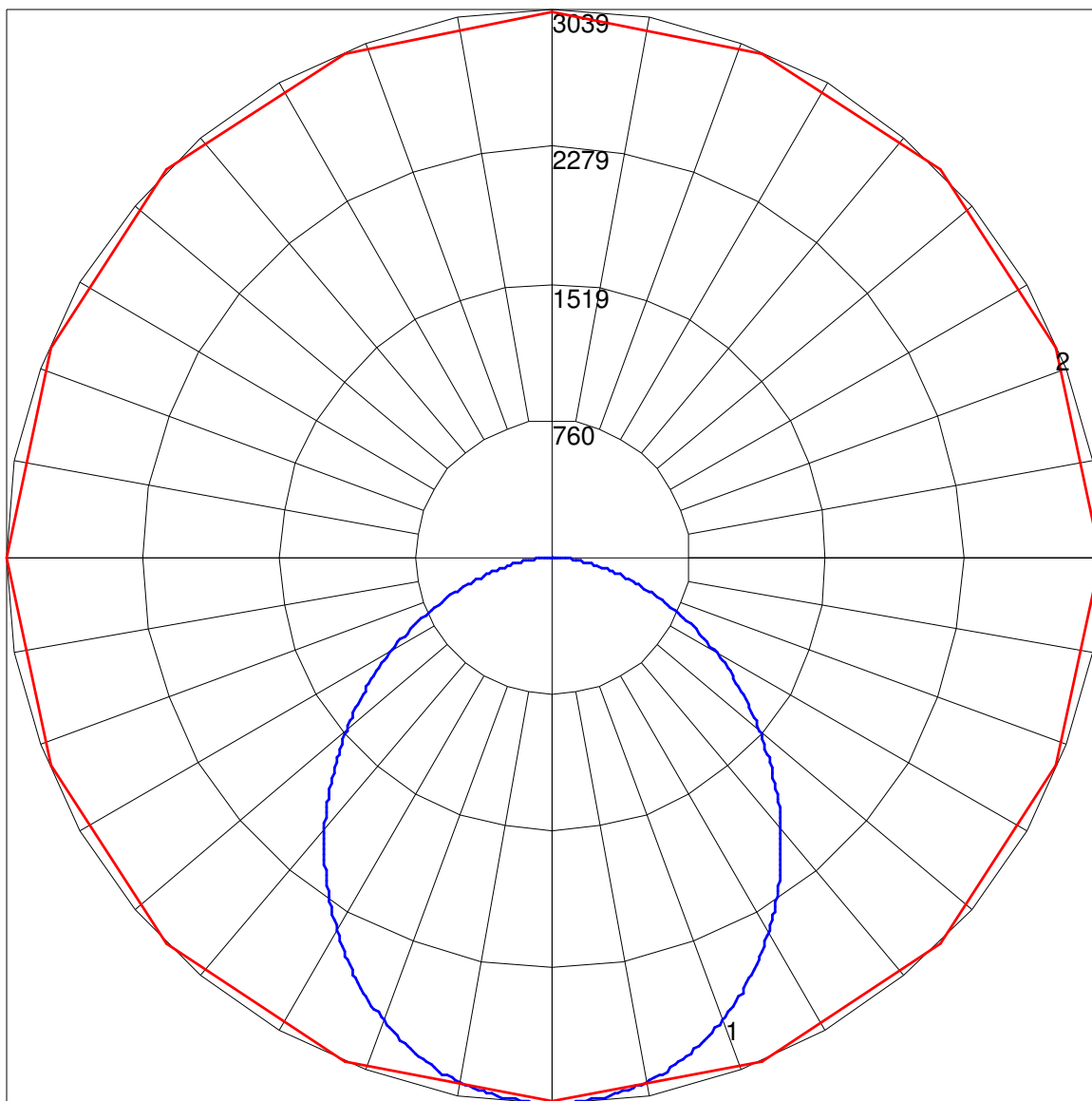
X=2H	Y=2H	19.1	20.7	19.5	21.0	21.3	18.9	20.5	19.3	20.8	21.1
	3H	20.7	22.2	21.1	22.5	22.8	20.5	21.9	20.9	22.2	22.6
	4H	21.3	22.6	21.7	22.9	23.3	21.0	22.3	21.4	22.6	23.0
	6H	21.6	22.8	22.0	23.2	23.6	21.2	22.4	21.6	22.8	23.2
	8H	21.7	22.8	22.1	23.2	23.6	21.2	22.4	21.6	22.8	23.2
	12H	21.7	22.8	22.1	23.2	23.6	21.2	22.3	21.6	22.7	23.1

UGR Viewed Endwise

4H	2H	19.7	21.0	20.1	21.4	21.7	19.5	20.8	19.9	21.2	21.6
	3H	21.5	22.6	21.9	23.0	23.4	21.3	22.4	21.7	22.8	23.2
	4H	22.1	23.1	22.6	23.6	24.0	21.9	22.9	22.3	23.3	23.7
	6H	22.6	23.5	23.0	23.9	24.4	22.2	23.0	22.6	23.5	23.9
	8H	22.7	23.5	23.2	23.9	24.4	22.2	23.0	22.6	23.4	23.9
	12H	22.8	23.5	23.2	24.0	24.4	22.2	22.9	22.7	23.4	23.8
8H	4H	22.4	23.2	22.8	23.6	24.1	22.1	22.9	22.6	23.3	23.8
	6H	22.9	23.5	23.4	24.0	24.5	22.4	23.1	22.9	23.6	24.1
	8H	23.0	23.6	23.5	24.1	24.6	22.5	23.1	23.0	23.6	24.1
	12H	23.1	23.6	23.6	24.1	24.7	22.5	23.0	23.0	23.5	24.1
12H	4H	22.3	23.1	22.8	23.6	24.0	22.1	22.8	22.6	23.3	23.8
	6H	22.9	23.5	23.4	23.9	24.5	22.5	23.1	23.0	23.5	24.1
	8H	23.0	23.6	23.6	24.1	24.6	22.5	23.1	23.0	23.6	24.1

Maximum UGR = 24.7

POLAR GRAPH



Maximum Candela = 3038.941 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.)