

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-930-CA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155668.03

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-08-07

[TEST DATE] 3/17/2026

[MANUFAC] H E Williams Inc

[LUMCAT] CMR2AEG-L17-930-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	5800
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
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	7172	6625	6217
55	6400	5921	5483
65	5507	5051	4658
75	4330	3761	3339
85	2627	1063	639

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2AEG-L17-930-CA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	2559.386	2559.386	2559.386	2559.386	2559.386
0.5	2562.473	2555.775	2561.518	2561.087	2551.895
1.0	2562.916	2554.423	2561.868	2559.386	2553.340
1.5	2560.866	2552.420	2559.561	2557.080	2549.810
2.0	2559.864	2551.243	2557.336	2557.697	2549.251
2.5	2558.734	2549.589	2555.379	2554.389	2544.848
3.0	2556.905	2549.158	2554.121	2550.731	2542.984
3.5	2555.472	2547.376	2549.111	2546.817	2540.421
4.0	2551.243	2543.193	2548.075	2543.031	2535.156
4.5	2549.635	2540.759	2542.238	2538.115	2528.014
5.0	2548.506	2538.499	2539.501	2531.498	2525.370
5.5	2544.766	2534.188	2534.585	2529.378	2519.977
6.0	2540.933	2531.101	2528.970	2521.934	2513.581
6.5	2535.924	2525.964	2525.277	2515.760	2506.883
7.0	2532.884	2521.223	2519.359	2509.889	2496.608
7.5	2527.571	2516.260	2512.090	2500.662	2489.479
8.0	2523.308	2510.645	2506.743	2493.312	2480.823
8.5	2516.120	2505.076	2499.171	2483.910	2473.298
9.0	2511.775	2499.508	2492.647	2475.605	2464.992
9.5	2507.208	2494.068	2483.724	2467.823	2454.333
10.0	2499.892	2487.672	2475.849	2456.593	2445.596
10.5	2492.879	2480.927	2468.195	2446.283	2432.887
11.0	2483.512	2472.132	2457.617	2436.149	2422.717
11.5	2480.740	2465.911	2448.088	2425.536	2410.660
12.0	2476.127	2458.816	2438.606	2414.924	2398.871
12.5	2467.122	2450.895	2429.473	2401.958	2386.558
13.0	2455.274	2442.018	2418.417	2390.868	2375.386
13.5	2448.226	2431.836	2408.632	2377.681	2364.390
14.0	2439.350	2423.181	2397.495	2364.237	2350.772
14.5	2431.172	2412.300	2384.786	2352.367	2334.928
15.0	2420.722	2401.548	2374.301	2338.749	2321.404
15.5	2413.068	2390.795	2362.465	2324.176	2304.384
16.0	2401.442	2380.439	2351.853	2310.779	2295.181
16.5	2393.439	2369.430	2338.538	2297.208	2278.033
17.0	2381.731	2358.247	2324.442	2280.933	2263.554
17.5	2370.501	2346.714	2310.474	2266.360	2247.629
18.0	2358.525	2334.353	2297.031	2252.008	2230.574
18.5	2348.437	2323.916	2283.110	2235.431	2212.774
19.0	2335.855	2309.458	2267.267	2221.382	2198.119
19.5	2325.499	2297.844	2253.870	2204.677	2180.109
20.0	2310.914	2285.356	2238.551	2188.322	2162.530
20.5	2301.653	2272.471	2225.154	2172.269	2146.874
21.0	2284.574	2258.807	2208.356	2157.265	2130.565
21.5	2273.658	2245.841	2192.955	2139.162	2112.683
22.0	2262.044	2231.827	2177.159	2121.629	2096.724
22.5	2248.507	2217.335	2162.061	2104.447	2077.269
23.0	2233.270	2204.019	2147.232	2087.788	2061.881
23.5	2221.480	2189.702	2129.257	2070.559	2044.221
24.0	2205.987	2174.208	2113.379	2051.675	2026.514
24.5	2190.399	2159.239	2095.800	2034.493	2007.106
25.0	2176.257	2143.920	2079.700	2015.259	1989.271
25.5	2161.940	2128.775	2062.121	1998.123	1970.434
26.0	2146.923	2112.152	2044.542	1980.766	1953.473
26.5	2131.080	2096.832	2026.614	1961.708	1933.762

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2AEG-L17-930-CA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	2115.808	2080.558	2010.957	1943.348	1915.577
27.5	2099.137	2064.062	1991.328	1925.688	1899.013
28.0	2080.638	2047.089	1972.351	1907.503	1877.379
28.5	2064.235	2030.640	1956.520	1889.622	1859.067
29.0	2047.740	2014.366	1936.587	1871.134	1842.152
29.5	2031.768	1996.740	1919.055	1850.550	1820.741
30.0	2013.968	1978.765	1901.651	1833.588	1805.131
30.5	1997.122	1962.840	1883.944	1814.052	1786.643
31.0	1980.371	1944.690	1865.538	1795.041	1766.536
31.5	1963.176	1926.762	1845.606	1776.681	1749.575
32.0	1946.249	1908.659	1827.200	1757.495	1731.088
32.5	1927.400	1890.381	1808.141	1738.355	1712.251
33.0	1911.301	1871.928	1790.784	1719.297	1693.018
33.5	1892.976	1854.127	1771.154	1700.192	1674.134
34.0	1874.174	1835.022	1752.795	1683.102	1655.647
34.5	1856.373	1816.744	1734.039	1663.170	1638.114
35.0	1837.571	1798.291	1715.156	1645.335	1619.324
35.5	1820.597	1778.662	1695.922	1625.927	1598.914
36.0	1801.795	1760.733	1677.516	1606.741	1579.647
36.5	1782.993	1741.628	1658.283	1587.554	1560.541
37.0	1765.018	1722.698	1638.700	1566.842	1542.007
37.5	1745.213	1703.243	1620.772	1549.007	1526.223
38.0	1724.407	1684.965	1601.888	1529.901	1506.116
38.5	1706.828	1664.858	1582.305	1512.719	1488.584
39.0	1688.154	1645.928	1561.418	1493.136	1470.527
39.5	1667.697	1625.949	1541.533	1475.604	1452.645
40.0	1649.070	1607.193	1522.125	1457.850	1434.589
40.5	1629.440	1587.564	1503.019	1438.267	1416.882
41.0	1608.856	1568.633	1484.439	1420.688	1397.252
41.5	1589.051	1548.701	1465.031	1402.457	1379.324
42.0	1568.420	1528.594	1446.578	1383.829	1361.092
42.5	1548.313	1507.660	1426.820	1365.423	1343.164
43.0	1528.509	1486.597	1409.544	1347.844	1326.156
43.5	1507.749	1466.793	1390.089	1329.741	1307.925
44.0	1486.163	1447.513	1371.334	1311.463	1288.994
44.5	1463.924	1427.406	1353.231	1294.059	1271.287
45.0	1444.294	1407.952	1334.125	1275.781	1251.879
45.5	1424.490	1388.147	1315.847	1258.377	1232.425
46.0	1403.684	1368.867	1296.567	1239.446	1215.021
46.5	1383.228	1349.063	1278.289	1220.819	1196.265
47.0	1363.645	1329.434	1260.489	1202.063	1177.987
47.5	1343.141	1309.629	1241.861	1183.960	1160.233
48.0	1323.209	1290.175	1223.059	1164.855	1141.431
48.5	1303.405	1271.372	1204.431	1146.052	1122.803
49.0	1283.601	1251.743	1186.981	1128.474	1104.525
49.5	1262.270	1231.939	1168.178	1109.322	1087.599
50.0	1243.643	1213.311	1150.378	1091.696	1070.101
50.5	1223.489	1193.332	1132.053	1073.418	1052.126
51.0	1203.510	1174.180	1113.903	1054.918	1033.801
51.5	1183.356	1155.203	1095.753	1036.419	1016.478
52.0	1163.727	1135.876	1077.428	1019.317	998.981
52.5	1144.575	1116.725	1059.278	1001.820	981.352
53.0	1124.071	1098.225	1041.128	982.621	963.484
53.5	1104.267	1079.248	1022.978	965.583	947.685
54.0	1084.288	1060.096	1004.654	947.495	929.379
54.5	1064.612	1040.944	985.327	930.019	912.359

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2AEG-L17-930-CA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1045.332	1022.095	967.177	911.582	895.555
55.5	1026.005	1003.596	948.503	894.366	878.577
56.0	1006.026	985.096	929.525	877.085	861.643
56.5	986.525	966.119	911.112	859.671	844.644
57.0	966.371	948.272	892.808	842.302	827.533
57.5	947.697	929.772	874.504	824.909	810.117
58.0	928.195	911.273	855.916	807.756	792.982
58.5	907.867	892.598	838.004	790.908	776.002
59.0	889.193	873.924	819.961	773.732	759.152
59.5	869.691	855.727	801.874	756.730	742.693
60.0	850.842	837.314	783.698	739.945	725.971
60.5	831.341	819.117	765.958	722.615	709.228
61.0	812.274	800.855	748.218	705.241	692.636
61.5	793.242	782.833	730.128	688.477	676.371
62.0	774.258	764.637	712.628	672.060	659.276
62.5	755.547	746.591	695.259	655.098	642.246
63.0	736.924	728.926	677.910	638.550	625.957
63.5	718.487	711.164	660.386	621.674	610.104
64.0	699.594	693.371	642.774	604.994	593.226
64.5	681.057	675.722	625.402	588.379	576.913
65.0	662.821	658.025	607.921	571.785	560.557
65.5	644.432	640.511	590.745	555.890	543.851
66.0	626.304	623.253	573.349	539.622	528.324
66.5	608.271	605.917	556.389	522.874	512.184
67.0	590.078	588.476	539.125	506.562	495.935
67.5	572.268	571.284	522.076	489.856	479.795
68.0	554.579	553.795	504.710	473.565	463.741
68.5	536.825	536.224	487.988	457.535	447.578
69.0	519.271	518.444	471.073	441.090	431.370
69.5	501.835	500.986	454.464	425.133	415.284
70.0	484.421	483.550	437.776	409.009	399.251
70.5	467.120	466.027	421.113	392.863	383.671
71.0	449.815	448.734	404.581	376.940	368.029
71.5	433.093	431.637	388.087	361.400	352.318
72.0	416.444	414.670	371.894	345.708	336.733
72.5	399.592	398.065	355.691	330.189	321.295
73.0	383.236	381.446	339.719	314.717	306.031
73.5	366.779	364.824	323.908	299.224	290.707
74.0	350.832	348.692	308.245	284.105	275.861
74.5	334.925	332.613	292.690	268.999	260.963
75.0	319.143	316.565	277.222	254.190	246.125
75.5	303.496	300.960	262.081	239.476	231.596
76.0	288.359	285.373	247.222	225.018	216.928
76.5	273.339	270.194	232.412	210.656	202.568
77.0	258.607	254.920	217.932	196.324	188.674
77.5	244.118	240.042	203.618	182.440	174.937
78.0	229.817	225.308	189.521	168.805	161.274
78.5	215.859	210.786	175.508	155.418	147.771
79.0	202.102	196.448	161.907	142.144	134.172
79.5	188.876	182.292	148.673	129.060	120.847
80.0	175.903	168.450	135.787	116.208	107.976
80.5	163.196	154.873	123.197	103.478	95.367
81.0	150.741	141.480	111.103	91.188	83.181
81.5	138.635	128.500	99.227	79.226	71.266
82.0	126.947	115.968	87.865	67.839	59.802
82.5	115.642	103.855	76.738	56.693	48.732

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2AEG-L17-930-CA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	104.738	92.090	65.916	46.046	37.804
83.5	94.235	80.778	55.583	35.363	27.141
84.0	84.132	70.097	45.712	25.232	21.443
84.5	74.461	59.883	36.195	19.721	18.365
85.0	65.208	50.252	26.389	16.713	15.850
85.5	56.420	41.235	17.304	14.250	13.644
86.0	48.034	32.772	13.452	12.032	11.631
86.5	40.018	24.909	11.029	10.089	9.775
87.0	32.581	17.474	8.951	8.351	8.055
87.5	25.545	9.880	7.117	6.617	6.504
88.0	19.075	6.402	5.501	5.102	4.923
88.5	13.184	4.668	3.990	3.704	3.608
89.0	8.150	3.109	2.597	2.423	2.393
89.5	3.873	1.803	1.534	1.456	1.308
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-L17-930-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-L17-930-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-L17-930-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-L17-930-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	907.22	N.A.	15.60
0-30	1864.07	N.A.	32.10
0-40	2940.07	N.A.	50.70
0-60	4840.66	N.A.	83.50
0-80	5748.24	N.A.	99.10
0-90	5799.58	N.A.	100.00
10-90	5559.46	N.A.	95.90
20-40	2032.86	N.A.	35.10
20-50	3067.75	N.A.	52.90
40-70	2507.13	N.A.	43.20
60-80	907.58	N.A.	15.60
70-80	301.04	N.A.	5.20
80-90	51.33	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	5799.58	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	240.11
10-20	667.10
20-30	956.86
30-40	1076.00
40-50	1034.89
50-60	865.70
60-70	606.54
70-80	301.04
80-90	51.33
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-L17-930-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-L17-930-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

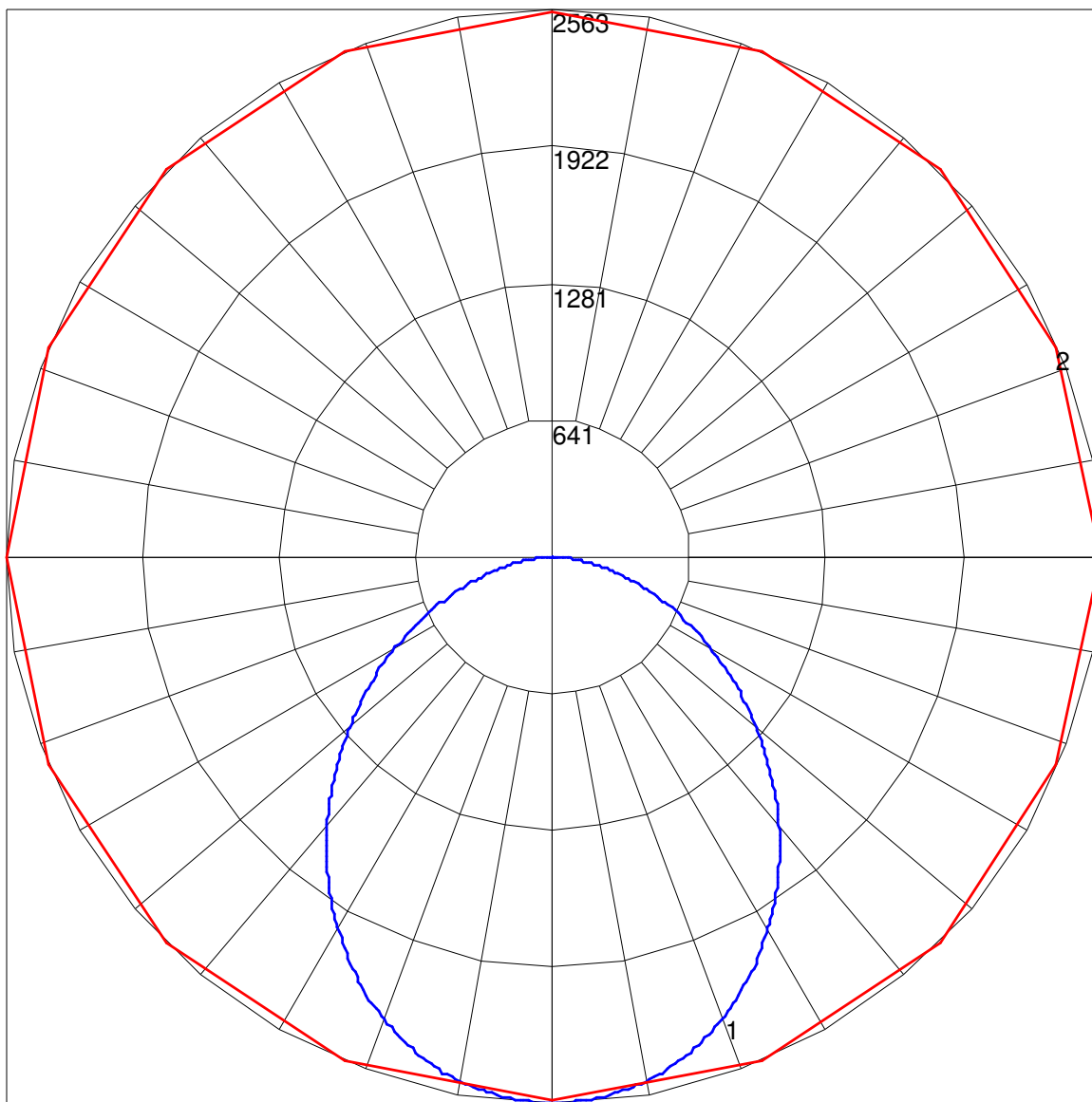
X=2H	Y=2H	18.4	20.0	18.8	20.3	20.6	17.5	19.1	17.9	19.4	19.7
	3H	20.0	21.4	20.4	21.8	22.1	19.0	20.4	19.4	20.8	21.1
	4H	20.6	21.9	21.0	22.2	22.6	19.5	20.8	19.9	21.1	21.5
	6H	20.9	22.1	21.3	22.5	22.9	19.7	20.9	20.1	21.3	21.7
	8H	21.0	22.2	21.4	22.5	22.9	19.7	20.9	20.1	21.3	21.7
	12H	21.0	22.2	21.5	22.5	23.0	19.7	20.8	20.1	21.2	21.6

UGR Viewed Endwise

4H	2H	18.9	20.2	19.3	20.6	20.9	18.2	19.5	18.6	19.8	20.2
	3H	20.7	21.8	21.1	22.2	22.6	19.9	21.0	20.3	21.4	21.8
	4H	21.4	22.4	21.8	22.8	23.2	20.4	21.4	20.8	21.8	22.2
	6H	21.8	22.7	22.3	23.1	23.6	20.7	21.5	21.1	22.0	22.4
	8H	21.9	22.7	22.4	23.2	23.7	20.7	21.5	21.1	21.9	22.4
	12H	22.0	22.7	22.5	23.2	23.7	20.7	21.4	21.2	21.9	22.3
8H	4H	21.5	22.3	22.0	22.8	23.2	20.6	21.4	21.1	21.9	22.3
	6H	22.1	22.7	22.6	23.2	23.7	21.0	21.6	21.5	22.1	22.6
	8H	22.2	22.8	22.7	23.3	23.8	21.0	21.6	21.5	22.1	22.6
	12H	22.3	22.9	22.9	23.4	23.9	21.0	21.5	21.5	22.0	22.6
12H	4H	21.5	22.2	22.0	22.7	23.2	20.6	21.4	21.1	21.8	22.3
	6H	22.1	22.7	22.6	23.1	23.7	21.0	21.6	21.5	22.1	22.6
	8H	22.3	22.8	22.8	23.3	23.8	21.1	21.6	21.6	22.1	22.7

Maximum UGR = 23.9

POLAR GRAPH



Maximum Candela = 2562.916 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.)