

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2AEG-L17-927-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-L17-927-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	5658
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
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	6997	6464	6065
55	6243	5777	5349
65	5373	4928	4544
75	4224	3669	3258
85	2563	1037	623

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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	2496.962	2496.962	2496.962	2496.962	2496.962
0.5	2499.974	2493.439	2499.042	2498.622	2489.654
1.0	2500.406	2492.120	2499.383	2496.962	2491.064
1.5	2498.406	2490.166	2497.133	2494.712	2487.620
2.0	2497.428	2489.018	2494.962	2495.315	2487.075
2.5	2496.326	2487.404	2493.052	2492.087	2482.778
3.0	2494.541	2486.983	2491.825	2488.518	2480.960
3.5	2493.144	2485.245	2486.938	2484.699	2478.460
4.0	2489.018	2481.164	2485.927	2481.006	2473.323
4.5	2487.449	2478.789	2480.232	2476.209	2466.356
5.0	2486.347	2476.584	2477.562	2469.754	2463.776
5.5	2482.699	2472.379	2472.766	2467.686	2458.514
6.0	2478.959	2469.367	2467.287	2460.423	2452.274
6.5	2474.072	2464.355	2463.685	2454.400	2445.740
7.0	2471.106	2459.729	2457.911	2448.672	2435.715
7.5	2465.923	2454.888	2450.819	2439.671	2428.760
8.0	2461.764	2449.410	2445.603	2432.499	2420.316
8.5	2454.751	2443.977	2438.215	2423.327	2412.974
9.0	2450.512	2438.544	2431.851	2415.224	2404.870
9.5	2446.057	2433.237	2423.145	2407.632	2394.471
10.0	2438.919	2426.997	2415.462	2396.676	2385.948
10.5	2432.077	2420.417	2407.995	2386.618	2373.548
11.0	2422.939	2411.836	2397.675	2376.730	2363.627
11.5	2420.234	2405.767	2388.379	2366.377	2351.863
12.0	2415.734	2398.845	2379.127	2356.023	2340.362
12.5	2406.948	2391.117	2370.217	2343.374	2328.349
13.0	2395.390	2382.456	2359.431	2332.554	2317.450
13.5	2388.514	2372.523	2349.885	2319.688	2306.722
14.0	2379.853	2364.079	2339.020	2306.573	2293.436
14.5	2371.875	2353.464	2326.620	2294.992	2277.979
15.0	2361.680	2342.973	2316.391	2281.706	2264.784
15.5	2354.213	2332.483	2304.844	2267.488	2248.179
16.0	2342.870	2322.379	2294.491	2254.419	2239.201
16.5	2335.062	2311.639	2281.500	2241.178	2222.472
17.0	2323.640	2300.728	2267.748	2225.301	2208.345
17.5	2312.684	2289.477	2254.121	2211.083	2192.809
18.0	2301.000	2277.418	2241.006	2197.081	2176.170
18.5	2291.158	2267.235	2227.424	2180.909	2158.804
19.0	2278.883	2253.130	2211.968	2167.202	2144.507
19.5	2268.780	2241.799	2198.898	2150.905	2126.936
20.0	2254.550	2229.616	2183.952	2134.948	2109.786
20.5	2245.515	2217.045	2170.882	2119.287	2094.511
21.0	2228.852	2203.714	2154.494	2104.649	2078.600
21.5	2218.203	2191.064	2139.469	2086.987	2061.155
22.0	2206.872	2177.392	2124.057	2069.882	2045.584
22.5	2193.666	2163.253	2109.328	2053.119	2026.604
23.0	2178.800	2150.263	2094.860	2036.867	2011.591
23.5	2167.298	2136.295	2077.324	2020.058	1994.362
24.0	2152.182	2121.179	2061.833	2001.634	1977.087
24.5	2136.975	2106.574	2044.683	1984.871	1958.152
25.0	2123.177	2091.629	2028.976	1966.107	1940.752
25.5	2109.209	2076.854	2011.826	1949.389	1922.375
26.0	2094.559	2060.636	1994.676	1932.455	1905.827
26.5	2079.102	2045.690	1977.184	1913.861	1886.597

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CANDELA TABULATION - (Cont.)

27.0	2064.203	2029.813	1961.910	1895.950	1868.856
27.5	2047.939	2013.719	1942.759	1878.720	1852.695
28.0	2029.890	1997.160	1924.245	1860.979	1831.590
28.5	2013.888	1981.112	1908.800	1843.533	1813.724
29.0	1997.795	1965.235	1889.353	1825.497	1797.222
29.5	1982.213	1948.039	1872.249	1805.414	1776.332
30.0	1964.847	1930.502	1855.269	1788.867	1761.103
30.5	1948.412	1914.966	1837.994	1769.807	1743.067
31.0	1932.069	1897.259	1820.037	1751.259	1723.450
31.5	1915.293	1879.768	1800.591	1733.348	1706.903
32.0	1898.780	1862.106	1782.634	1714.629	1688.866
32.5	1880.390	1844.274	1764.040	1695.956	1670.489
33.0	1864.684	1826.271	1747.106	1677.363	1651.725
33.5	1846.806	1808.905	1727.955	1658.724	1633.301
34.0	1828.462	1790.265	1710.044	1642.051	1615.265
34.5	1811.096	1772.433	1691.746	1622.605	1598.160
35.0	1792.752	1754.431	1673.323	1605.205	1579.829
35.5	1776.193	1735.280	1654.558	1586.270	1559.916
36.0	1757.849	1717.789	1636.601	1567.552	1541.119
36.5	1739.505	1699.149	1617.837	1548.833	1522.479
37.0	1721.968	1680.681	1598.732	1528.626	1504.397
37.5	1702.647	1661.701	1581.241	1511.226	1488.998
38.0	1682.348	1643.868	1562.818	1492.587	1469.381
38.5	1665.198	1624.252	1543.713	1475.823	1452.277
39.0	1646.979	1605.783	1523.335	1456.718	1434.660
39.5	1627.022	1586.291	1503.934	1439.613	1417.215
40.0	1608.849	1567.993	1485.000	1422.293	1399.599
40.5	1589.698	1548.842	1466.360	1403.188	1382.324
41.0	1569.615	1530.374	1448.233	1386.037	1363.173
41.5	1550.294	1510.928	1429.298	1368.251	1345.682
42.0	1530.166	1491.311	1411.295	1350.078	1327.895
42.5	1510.549	1470.887	1392.020	1332.120	1310.404
43.0	1491.228	1450.339	1375.165	1314.970	1293.811
43.5	1470.975	1431.018	1356.185	1297.308	1276.024
44.0	1449.915	1412.208	1337.887	1279.476	1257.555
44.5	1428.218	1392.591	1320.225	1262.497	1240.280
45.0	1409.068	1373.611	1301.586	1244.664	1221.346
45.5	1389.747	1354.290	1283.754	1227.685	1202.366
46.0	1369.448	1335.480	1264.944	1209.216	1185.386
46.5	1349.490	1316.159	1247.112	1191.043	1167.088
47.0	1330.385	1297.008	1229.745	1172.745	1149.256
47.5	1310.382	1277.687	1211.572	1155.083	1131.935
48.0	1290.936	1258.707	1193.228	1136.444	1113.591
48.5	1271.615	1240.363	1175.055	1118.100	1095.418
49.0	1252.293	1221.213	1158.030	1100.950	1077.586
49.5	1231.483	1201.891	1139.686	1082.265	1061.072
50.0	1213.310	1183.718	1122.320	1065.069	1044.001
50.5	1193.648	1164.226	1104.442	1047.237	1026.464
51.0	1174.156	1145.542	1086.735	1029.189	1008.586
51.5	1154.494	1127.027	1069.027	1011.140	991.686
52.0	1135.343	1108.172	1051.150	994.456	974.615
52.5	1116.658	1089.487	1033.442	977.385	957.417
53.0	1096.655	1071.439	1015.735	958.655	939.985
53.5	1077.334	1052.925	998.028	942.032	924.571
54.0	1057.842	1034.240	980.150	924.386	906.711
54.5	1038.646	1015.555	961.294	907.335	890.106

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55.0	1019.836	997.166	943.587	889.348	873.713
55.5	1000.981	979.118	925.368	872.552	857.149
56.0	981.489	961.069	906.854	855.693	840.628
56.5	962.463	942.555	888.890	838.704	824.043
57.0	942.801	925.143	871.032	821.758	807.349
57.5	924.582	907.095	853.175	804.789	790.358
58.0	905.557	889.046	835.040	788.054	773.641
58.5	885.724	870.828	817.565	771.618	757.075
59.0	867.505	852.609	799.962	754.860	740.636
59.5	848.479	834.856	782.316	738.273	724.578
60.0	830.090	816.892	764.583	721.898	708.264
60.5	811.064	799.139	747.276	704.990	691.930
61.0	792.462	781.322	729.969	688.040	675.743
61.5	773.894	763.740	712.320	671.685	659.874
62.0	755.373	745.987	695.247	655.668	643.196
62.5	737.119	728.382	678.301	639.120	626.581
63.0	718.950	711.147	661.376	622.976	610.690
63.5	700.963	693.818	644.279	606.512	595.223
64.0	682.531	676.460	627.097	590.238	578.757
64.5	664.446	659.241	610.149	574.029	562.842
65.0	646.654	641.975	593.094	557.839	546.885
65.5	628.714	624.889	576.336	542.332	530.586
66.0	611.028	608.052	559.365	526.461	515.438
66.5	593.435	591.139	542.819	510.121	499.692
67.0	575.686	574.123	525.975	494.207	483.839
67.5	558.310	557.350	509.343	477.908	468.093
68.0	541.053	540.288	492.400	462.015	452.430
68.5	523.732	523.145	476.086	446.375	436.661
69.0	506.606	505.799	459.584	430.331	420.849
69.5	489.595	488.767	443.380	414.764	405.155
70.0	472.606	471.756	427.099	399.033	389.513
70.5	455.727	454.660	410.842	383.281	374.313
71.0	438.844	437.789	394.713	367.746	359.053
71.5	422.530	421.109	378.622	352.586	343.725
72.0	406.287	404.556	362.823	337.276	328.520
72.5	389.846	388.356	347.016	322.135	313.459
73.0	373.889	372.143	331.433	307.041	298.567
73.5	357.834	355.925	316.008	291.926	283.616
74.0	342.275	340.188	300.726	277.175	269.133
74.5	326.756	324.501	285.551	262.438	254.598
75.0	311.359	308.844	270.460	247.990	240.122
75.5	296.094	293.619	255.688	233.635	225.948
76.0	281.325	278.412	241.192	219.530	211.637
76.5	266.672	263.604	226.743	205.518	197.627
77.0	252.299	248.703	212.617	191.535	184.072
77.5	238.164	234.188	198.651	177.990	170.670
78.0	224.211	219.812	184.899	164.688	157.340
78.5	210.594	205.645	171.227	151.627	144.167
79.0	197.173	191.656	157.958	138.677	130.899
79.5	184.270	177.846	145.047	125.913	117.900
80.0	171.613	164.342	132.475	113.374	105.343
80.5	159.216	151.096	120.192	100.954	93.041
81.0	147.065	138.029	108.393	88.964	81.152
81.5	135.254	125.365	96.807	77.293	69.528
82.0	123.851	113.139	85.722	66.184	58.343
82.5	112.822	101.322	74.866	55.310	47.543

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CANDELA TABULATION - (Cont.)

83.0	102.184	89.843	64.308	44.923	36.882
83.5	91.936	78.807	54.227	34.501	26.479
84.0	82.080	68.388	44.597	24.616	20.920
84.5	72.645	58.422	35.312	19.240	17.917
85.0	63.617	49.026	25.746	16.305	15.463
85.5	55.044	40.229	16.882	13.903	13.312
86.0	46.862	31.972	13.124	11.739	11.348
86.5	39.042	24.302	10.760	9.843	9.537
87.0	31.786	17.048	8.732	8.147	7.858
87.5	24.922	9.639	6.943	6.456	6.346
88.0	18.609	6.245	5.367	4.977	4.803
88.5	12.862	4.554	3.893	3.613	3.520
89.0	7.951	3.033	2.533	2.364	2.335
89.5	3.779	1.759	1.497	1.421	1.276
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-L17-927-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-L17-927-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-L17-927-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	885.09	N.A.	15.60
0-30	1818.61	N.A.	32.10
0-40	2868.36	N.A.	50.70
0-60	4722.6	N.A.	83.50
0-80	5608.04	N.A.	99.10
0-90	5658.12	N.A.	100.00
10-90	5423.87	N.A.	95.90
20-40	1983.27	N.A.	35.10
20-50	2992.92	N.A.	52.90
40-70	2445.98	N.A.	43.20
60-80	885.45	N.A.	15.60
70-80	293.70	N.A.	5.20
80-90	50.08	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	5658.12	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	234.26
10-20	650.83
20-30	933.52
30-40	1049.76
40-50	1009.65
50-60	844.59
60-70	591.75
70-80	293.70
80-90	50.08
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-L17-927-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	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	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-L17-927-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	18.3	19.9	18.7	20.2	20.5	17.4	19.0	17.8	19.3	19.6
	3H	19.9	21.3	20.3	21.7	22.0	18.9	20.3	19.3	20.7	21.0
	4H	20.5	21.8	20.9	22.1	22.5	19.4	20.7	19.8	21.0	21.4
	6H	20.8	22.0	21.2	22.4	22.8	19.6	20.8	20.0	21.2	21.6
	8H	20.9	22.1	21.3	22.4	22.8	19.6	20.8	20.0	21.2	21.6
	12H	20.9	22.1	21.4	22.4	22.9	19.6	20.7	20.0	21.1	21.5

UGR Viewed Endwise

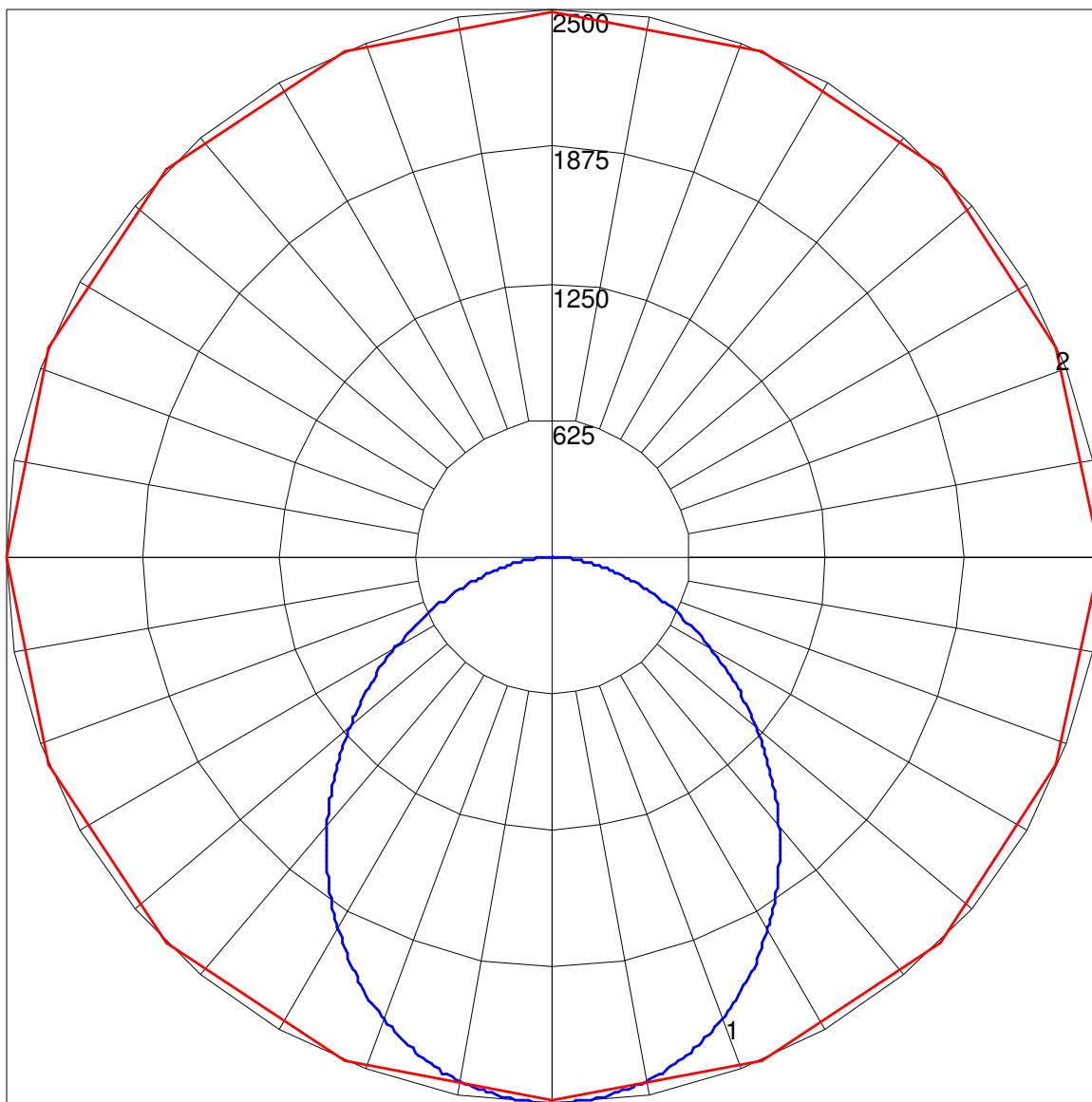
4H	2H	18.8	20.1	19.2	20.5	20.8	18.1	19.4	18.5	19.7	20.1
	3H	20.6	21.7	21.0	22.1	22.5	19.8	20.9	20.2	21.3	21.7
	4H	21.3	22.3	21.7	22.7	23.1	20.3	21.3	20.7	21.7	22.1
	6H	21.7	22.6	22.2	23.0	23.5	20.6	21.4	21.0	21.9	22.3
	8H	21.8	22.6	22.3	23.1	23.6	20.6	21.4	21.1	21.8	22.3
	12H	21.9	22.6	22.4	23.1	23.6	20.6	21.3	21.1	21.8	22.2

8H	4H	21.4	22.2	21.9	22.7	23.1	20.5	21.3	21.0	21.8	22.2
	6H	22.0	22.6	22.5	23.1	23.6	20.9	21.5	21.4	22.0	22.5
	8H	22.1	22.7	22.6	23.2	23.7	20.9	21.5	21.4	22.0	22.5
	12H	22.2	22.8	22.8	23.3	23.8	20.9	21.4	21.4	21.9	22.5

12H	4H	21.4	22.1	21.9	22.6	23.1	20.5	21.3	21.0	21.7	22.2
	6H	22.0	22.6	22.5	23.0	23.6	20.9	21.5	21.4	22.0	22.5
	8H	22.2	22.7	22.7	23.2	23.7	21.0	21.5	21.5	22.0	22.6

Maximum UGR = 23.8

POLAR GRAPH



Maximum Candela = 2500.406 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.)