



IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AENG-L66-835-CA-DIM-UNV (AMBIENT ONLY).IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN from UL #4792155668.03
[TESTLAB] UL, LLC
[ISSUE DATE] 7/6/2026
[TEST DATE] 3/17/2026
[MANUFACT] H E Williams Inc
[LUMCAT] CMR4AENG-L66/835-CA-DIM-UNV (AMBIENT ONLY)
[LUMINAIRE] 2' x 4' multi-function recessed troffer with door frame; door
[MORE] frame has arrangement of curved diffused acrylic lenses
[LAMP] (2) 72 LED boards & (2) 60 LED boards - 264 Total LED
[BALLAST] Edoled OTI85/1290277/2A3 DIM-1 L*2743W5/57420
[OTHER] 24.9 C, 120.046 V, 0.507001 A, 60.5322 W, 0.994561 PF, 59.9996 Hz
[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	6638
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	133
Total Luminaire Watts	49.9
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.75 ft
Luminous Width (90-270)	1.75 ft
Luminous Height	0.00 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR4AENG-L66-835-CA-DIM-UNV (AMBIENT ONLY).IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3161	3657	4158
55	2929	3682	4338
65	2552	3596	4187
75	1851	2918	3190
85	725	742	541

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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	2212.896	2212.896	2212.896	2212.896	2212.896
0.5	2212.067	2211.238	2213.725	2217.869	2202.122
1.0	2220.355	2207.923	2215.382	2212.896	2212.067
1.5	2213.725	2204.608	2213.725	2211.238	2204.608
2.0	2212.067	2202.122	2206.266	2220.355	2211.238
2.5	2212.896	2200.464	2206.266	2217.040	2199.635
3.0	2210.410	2204.608	2209.581	2212.067	2206.266
3.5	2212.896	2205.437	2201.293	2212.067	2209.581
4.0	2202.122	2197.978	2208.752	2209.581	2206.266
4.5	2203.779	2198.806	2199.635	2207.923	2197.149
5.0	2204.608	2200.464	2202.122	2201.293	2206.266
5.5	2205.437	2195.491	2200.464	2212.896	2205.437
6.0	2199.635	2196.320	2195.491	2205.437	2202.950
6.5	2191.347	2190.518	2199.635	2207.094	2202.122
7.0	2195.491	2189.690	2196.320	2207.094	2190.518
7.5	2188.861	2184.717	2189.690	2200.464	2193.834
8.0	2187.203	2179.744	2192.176	2199.635	2193.005
8.5	2174.771	2178.086	2187.203	2192.176	2191.347
9.0	2178.915	2176.429	2187.203	2193.005	2192.176
9.5	2178.915	2172.285	2178.915	2196.320	2188.032
10.0	2168.970	2169.798	2175.600	2186.374	2193.005
10.5	2157.366	2165.654	2176.429	2183.888	2182.230
11.0	2140.790	2154.880	2166.483	2182.230	2189.690
11.5	2152.394	2153.222	2161.510	2181.402	2178.915
12.0	2149.078	2147.421	2159.853	2180.573	2175.600
12.5	2146.592	2140.790	2159.853	2174.771	2169.798
13.0	2127.530	2135.818	2150.736	2174.771	2175.600
13.5	2125.043	2130.845	2150.736	2164.826	2182.230
14.0	2120.070	2130.016	2147.421	2159.853	2176.429
14.5	2118.413	2121.728	2136.646	2162.339	2163.168
15.0	2105.981	2110.954	2133.331	2156.538	2163.997
15.5	2106.810	2100.179	2126.701	2152.394	2148.250
16.0	2091.891	2094.378	2125.872	2150.736	2166.483
16.5	2091.062	2088.576	2118.413	2148.250	2153.222
17.0	2081.946	2081.946	2113.440	2139.133	2155.709
17.5	2072.000	2073.658	2105.981	2134.989	2148.250
18.0	2055.424	2064.541	2101.008	2134.989	2141.619
18.5	2057.082	2064.541	2096.864	2127.530	2128.358
19.0	2043.821	2045.478	2083.603	2125.872	2130.016
19.5	2038.019	2042.992	2081.946	2120.899	2125.043
20.0	2021.443	2036.362	2071.171	2117.584	2115.926
20.5	2023.930	2024.758	2069.514	2112.611	2115.926
21.0	1992.435	2015.642	2057.910	2112.611	2115.926
21.5	1993.264	2009.840	2052.938	2101.008	2108.467
22.0	1990.778	1999.066	2042.992	2095.206	2110.125
22.5	1979.174	1989.120	2036.362	2091.062	2095.206
23.0	1962.598	1981.661	2037.190	2089.405	2102.666
23.5	1959.283	1972.544	2023.101	2081.946	2099.350
24.0	1947.680	1960.941	2018.957	2072.829	2092.720
24.5	1929.446	1951.824	2009.840	2068.685	2081.117
25.0	1921.158	1941.050	2001.552	2057.910	2076.973
25.5	1912.042	1931.104	1992.435	2057.082	2071.171
26.0	1899.610	1920.330	1983.318	2052.109	2071.171
26.5	1886.349	1909.555	1972.544	2042.163	2061.226

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR4AENG-L66-835-CA-DIM-UNV (AMBIENT ONLY).IES****CANDELA TABULATION - (Cont.)**

27.0	1878.890	1900.438	1972.544	2035.533	2055.424
27.5	1864.800	1887.178	1956.797	2032.218	2060.397
28.0	1848.224	1874.746	1941.050	2026.416	2041.334
28.5	1841.594	1864.800	1940.221	2018.957	2038.019
29.0	1828.333	1855.683	1926.131	2014.813	2041.334
29.5	1817.558	1843.251	1920.330	2000.723	2026.416
30.0	1804.298	1829.162	1912.042	2000.723	2029.731
30.5	1789.379	1821.702	1905.411	1991.606	2025.587
31.0	1781.091	1806.784	1895.466	1984.976	2010.669
31.5	1764.515	1796.010	1881.376	1978.346	2010.669
32.0	1755.398	1784.406	1871.430	1970.886	2006.525
32.5	1737.165	1771.974	1861.485	1966.742	2000.723
33.0	1728.877	1758.714	1856.512	1956.797	1989.949
33.5	1713.130	1745.453	1840.765	1943.536	1980.832
34.0	1698.211	1732.192	1834.134	1946.022	1976.688
34.5	1684.950	1719.760	1822.531	1931.933	1970.886
35.0	1670.032	1706.499	1813.414	1927.789	1968.400
35.5	1657.600	1690.752	1802.640	1916.186	1955.139
36.0	1642.682	1679.978	1792.694	1908.726	1953.482
36.5	1627.763	1666.717	1781.920	1901.267	1940.221
37.0	1613.674	1654.285	1769.488	1889.664	1932.762
37.5	1597.098	1639.366	1758.714	1885.520	1935.248
38.0	1578.864	1626.934	1749.597	1872.259	1920.330
38.5	1569.747	1612.016	1737.165	1868.115	1914.528
39.0	1552.342	1599.584	1724.733	1855.683	1906.240
39.5	1535.766	1582.179	1713.958	1849.882	1898.781
40.0	1521.677	1570.576	1702.355	1839.936	1890.493
40.5	1505.930	1554.829	1689.094	1827.504	1883.862
41.0	1491.840	1542.397	1678.320	1818.387	1868.115
41.5	1475.264	1528.307	1666.717	1809.270	1857.341
42.0	1457.859	1513.389	1653.456	1795.181	1848.224
42.5	1442.941	1497.642	1640.195	1785.235	1837.450
43.0	1426.365	1484.381	1629.421	1776.118	1834.134
43.5	1411.446	1467.805	1614.502	1764.515	1825.018
44.0	1395.699	1453.715	1602.899	1752.083	1812.586
44.5	1379.952	1438.797	1591.296	1743.795	1805.955
45.0	1364.205	1423.878	1578.035	1731.363	1794.352
45.5	1347.629	1407.302	1565.603	1723.075	1779.434
46.0	1329.395	1393.213	1551.514	1710.643	1771.146
46.5	1312.819	1376.637	1539.082	1696.554	1759.542
47.0	1300.387	1360.890	1525.821	1684.950	1747.110
47.5	1280.496	1344.314	1511.731	1673.347	1737.165
48.0	1266.406	1329.395	1496.813	1660.086	1722.246
48.5	1249.830	1314.477	1482.723	1645.168	1708.157
49.0	1233.254	1298.730	1471.120	1636.051	1695.725
49.5	1212.534	1282.154	1456.202	1619.475	1686.608
50.0	1198.445	1268.064	1442.941	1607.043	1671.690
50.5	1180.211	1250.659	1427.194	1594.611	1657.600
51.0	1162.806	1234.083	1412.275	1578.035	1641.853
51.5	1144.573	1218.336	1397.357	1561.459	1627.763
52.0	1128.826	1200.931	1381.610	1551.514	1612.845
52.5	1112.250	1184.355	1366.691	1536.595	1597.926
53.0	1092.358	1167.779	1351.773	1516.704	1582.179
53.5	1075.782	1152.032	1336.854	1504.272	1569.747
54.0	1058.378	1135.456	1321.107	1486.867	1550.685
54.5	1039.315	1118.880	1303.702	1471.120	1534.938

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55.0	1025.226	1100.646	1288.784	1452.058	1518.362
55.5	1007.821	1084.070	1271.379	1436.310	1500.957
56.0	990.416	1067.494	1255.632	1420.563	1484.381
56.5	972.182	1051.747	1238.227	1402.330	1467.805
57.0	953.949	1035.171	1221.651	1384.925	1447.914
57.5	936.544	1018.595	1205.075	1365.862	1427.194
58.0	918.310	1002.019	1186.842	1347.629	1405.645
58.5	899.248	984.614	1170.266	1330.224	1385.754
59.0	881.843	967.210	1153.690	1310.333	1365.862
59.5	863.610	948.976	1136.285	1291.270	1345.971
60.0	845.376	931.571	1117.222	1271.379	1323.594
60.5	827.142	913.338	1098.989	1249.830	1302.045
61.0	808.494	895.104	1080.755	1227.453	1279.667
61.5	790.012	877.699	1060.864	1206.733	1257.290
62.0	771.447	859.466	1043.459	1185.184	1231.597
62.5	752.633	840.403	1026.054	1161.978	1205.904
63.0	734.234	822.833	1007.821	1140.429	1181.869
63.5	715.172	804.185	988.758	1116.394	1158.662
64.0	696.109	785.702	968.038	1092.358	1132.141
64.5	676.881	766.972	948.147	1068.323	1106.448
65.0	658.150	748.324	927.427	1043.459	1079.926
65.5	639.005	729.924	907.536	1021.910	1051.747
66.0	619.860	711.193	885.987	997.046	1028.541
66.5	600.548	692.711	865.267	970.525	1001.190
67.0	581.403	673.732	843.718	944.832	973.011
67.5	562.838	655.001	821.341	916.653	945.661
68.0	543.610	636.104	798.383	890.131	917.482
68.5	524.382	617.124	776.005	863.610	888.474
69.0	505.485	598.394	752.716	835.430	858.637
69.5	486.837	579.331	730.256	808.329	828.137
70.0	468.604	560.683	706.801	779.818	799.129
70.5	450.287	541.621	682.848	750.893	769.789
71.0	431.639	522.724	658.896	722.714	740.781
71.5	413.903	503.828	634.198	695.115	711.442
72.0	395.586	484.931	609.997	667.101	681.771
72.5	377.850	466.200	585.133	638.673	652.183
73.0	360.611	447.718	560.435	610.163	622.180
73.5	343.206	428.904	535.571	581.237	592.509
74.0	326.050	410.256	510.789	552.229	563.252
74.5	309.391	391.857	485.594	524.216	533.747
75.0	292.401	373.292	460.813	496.368	503.910
75.5	275.742	354.975	436.032	468.355	473.991
76.0	259.332	336.741	411.665	440.010	443.408
76.5	243.170	318.591	387.215	411.499	412.742
77.0	227.754	300.606	363.097	382.823	382.740
77.5	212.256	282.952	339.145	354.726	353.483
78.0	197.337	265.050	315.607	326.879	323.646
78.5	182.502	247.231	292.152	299.280	293.644
79.0	167.998	229.660	269.111	271.598	262.564
79.5	154.157	212.339	246.568	243.584	232.478
80.0	140.896	195.265	224.439	215.737	203.305
80.5	127.967	178.524	202.476	188.469	175.374
81.0	115.618	162.030	181.010	162.362	148.521
81.5	103.683	145.952	159.958	137.498	123.574
82.0	92.494	130.453	139.487	114.126	100.451
82.5	81.885	115.700	119.513	92.826	81.057

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83.0	71.940	101.362	100.368	74.509	64.812
83.5	62.657	87.936	82.300	59.425	52.297
84.0	54.038	75.338	65.807	47.573	42.600
84.5	45.916	63.403	51.303	38.456	34.810
85.0	38.539	52.380	39.451	30.997	28.759
85.5	31.826	42.103	30.085	25.196	23.869
86.0	25.776	32.903	22.958	20.554	19.891
86.5	20.554	24.698	17.653	16.908	16.659
87.0	15.913	17.902	13.675	13.924	13.758
87.5	11.935	12.515	10.857	11.272	11.355
88.0	8.785	8.702	8.454	9.034	9.117
88.5	6.216	6.050	6.548	7.045	7.211
89.0	4.310	4.227	4.890	5.304	5.470
89.5	2.901	2.984	3.564	3.812	3.730
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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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 : CMR4AENG-L66-835-CA-DIM-UNV (AMBIENT ONLY).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 : CMR4AENG-L66-835-CA-DIM-UNV (AMBIENT ONLY).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 : CMR4AENG-L66-835-CA-DIM-UNV (AMBIENT ONLY).IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	812.15	N.A.	12.20
0-30	1734.97	N.A.	26.10
0-40	2871.55	N.A.	43.30
0-60	5230.01	N.A.	78.80
0-80	6570.63	N.A.	99.00
0-90	6637.6	N.A.	100.00
10-90	6428.09	N.A.	96.80
20-40	2059.4	N.A.	31.00
20-50	3276.41	N.A.	49.40
40-70	3242.52	N.A.	48.90
60-80	1340.62	N.A.	20.20
70-80	456.56	N.A.	6.90
80-90	66.97	N.A.	1.00
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	6637.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	209.51
10-20	602.64
20-30	922.82
30-40	1136.59
40-50	1217.01
50-60	1141.45
60-70	884.06
70-80	456.56
80-90	66.97
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 : CMR4AENG-L66-835-CA-DIM-UNV (AMBIENT ONLY).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	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70
3	90	79	71	64	87	78	70	64	75	68	63	72	66	62	69	65	61	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	43
6	69	56	47	40	68	55	46	40	53	46	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AENG-L66-835-CA-DIM-UNV (AMBIENT ONLY).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

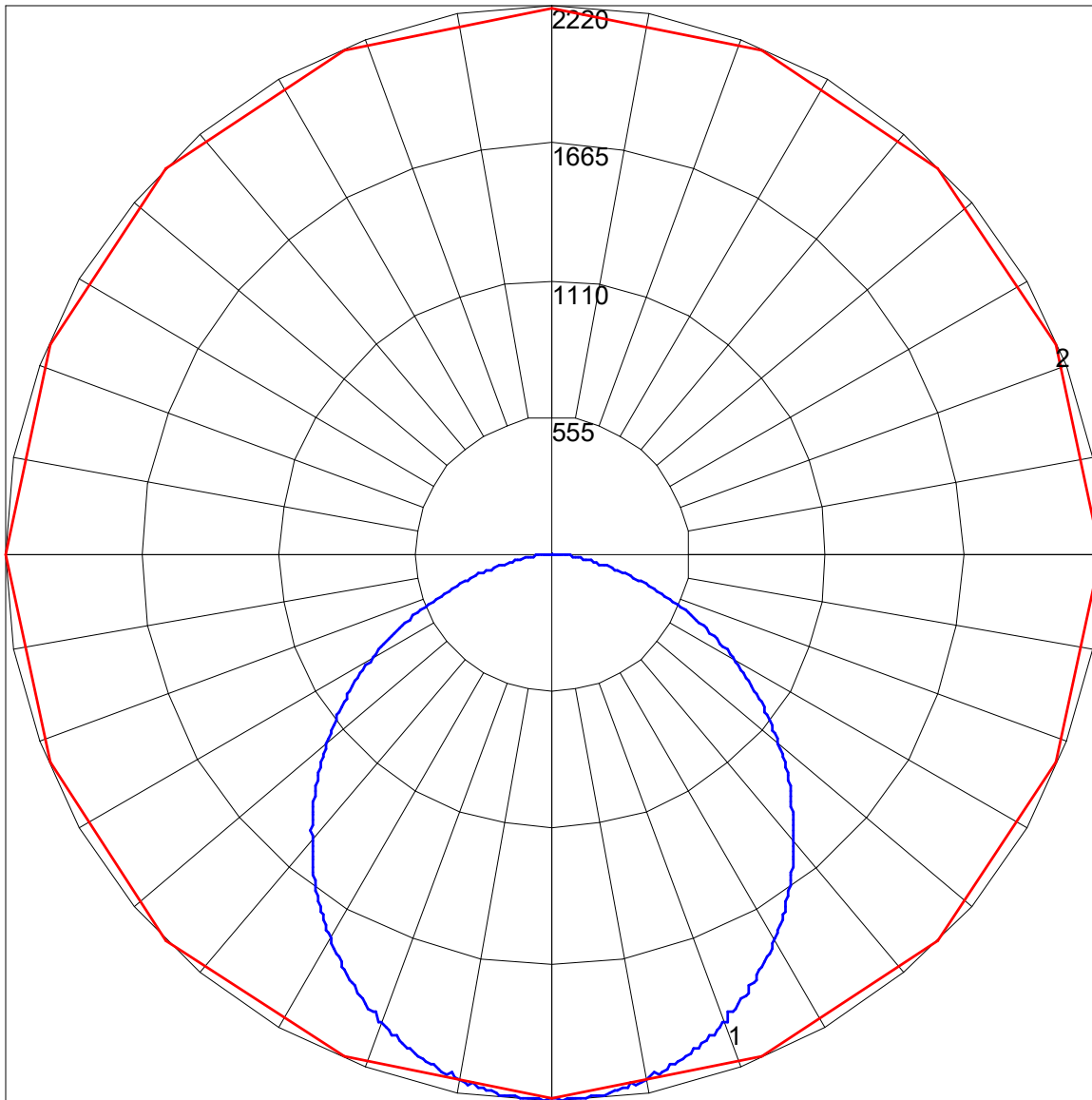
X=2H	Y=2H	15.8	17.4	16.1	17.7	18.0	18.0	19.6	18.3	19.9	20.2
	3H	17.3	18.8	17.7	19.1	19.5	19.8	21.3	20.2	21.7	22.0
	4H	17.8	19.2	18.2	19.6	19.9	20.4	21.8	20.8	22.2	22.5
	6H	18.1	19.4	18.5	19.7	20.1	20.7	22.0	21.1	22.4	22.7
	8H	18.1	19.4	18.5	19.7	20.1	20.7	21.9	21.1	22.3	22.7
	12H	18.1	19.3	18.5	19.7	20.1	20.7	21.9	21.1	22.3	22.7

UGR Viewed Endwise

4H	2H	16.8	18.2	17.2	18.5	18.9	18.5	19.9	18.9	20.2	20.6
	3H	18.5	19.7	18.9	20.1	20.5	20.6	21.7	21.0	22.1	22.5
	4H	19.1	20.2	19.5	20.6	21.0	21.2	22.3	21.7	22.7	23.2
	6H	19.5	20.4	19.9	20.8	21.3	21.6	22.6	22.1	23.0	23.4
	8H	19.5	20.4	20.0	20.9	21.3	21.6	22.5	22.1	23.0	23.4
	12H	19.6	20.3	20.0	20.8	21.3	21.6	22.4	22.1	22.9	23.4
8H	4H	19.6	20.4	20.0	20.9	21.3	21.4	22.3	21.9	22.8	23.2
	6H	20.0	20.7	20.5	21.2	21.7	21.9	22.6	22.4	23.1	23.6
	8H	20.1	20.8	20.6	21.3	21.7	21.9	22.6	22.4	23.1	23.5
	12H	20.2	20.7	20.7	21.2	21.8	21.9	22.5	22.4	23.0	23.5
12H	4H	19.6	20.4	20.1	20.8	21.3	21.4	22.2	21.9	22.7	23.2
	6H	20.1	20.7	20.6	21.2	21.7	21.9	22.5	22.4	23.0	23.5
	8H	20.2	20.8	20.7	21.2	21.8	21.9	22.5	22.5	23.0	23.6

Maximum UGR = 23.6

POLAR GRAPH



Maximum Candela = 2220.355 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.)