



IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2XG-L17-835-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] 7/01/2026
 [TEST DATE] 3/17/2026
 [MANUFACT] H E Williams Inc
 [LUMCAT] CMR2xG-L17/835-CA-DIM-UNV (AMBIENT ONLY)
 [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	1707
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	13.8
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)	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	1743	2016	2292
55	1615	2030	2391
65	1407	1982	2308
75	1020	1608	1759
85	399	409	298

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR2XG-L17-835-CA-DIM-UNV (AMBIENT ONLY)_.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	569.244	569.244	569.244	569.244	569.244
0.5	569.031	568.818	569.457	570.523	566.472
1.0	571.163	567.965	569.884	569.244	569.031
1.5	569.457	567.112	569.457	568.818	567.112
2.0	569.031	566.472	567.538	571.163	568.818
2.5	569.244	566.046	567.538	570.310	565.833
3.0	568.604	567.112	568.391	569.031	567.538
3.5	569.244	567.325	566.259	569.031	568.391
4.0	566.472	565.406	568.178	568.391	567.538
4.5	566.899	565.620	565.833	567.965	565.193
5.0	567.112	566.046	566.472	566.259	567.538
5.5	567.325	564.767	566.046	569.244	567.325
6.0	565.833	564.980	564.767	567.325	566.686
6.5	563.701	563.488	565.833	567.752	566.472
7.0	564.767	563.274	564.980	567.752	563.488
7.5	563.061	561.995	563.274	566.046	564.340
8.0	562.635	560.716	563.914	565.833	564.127
8.5	559.437	560.290	562.635	563.914	563.701
9.0	560.503	559.863	562.635	564.127	563.914
9.5	560.503	558.797	560.503	564.980	562.848
10.0	557.944	558.158	559.650	562.422	564.127
10.5	554.960	557.092	559.863	561.782	561.356
11.0	550.696	554.320	557.305	561.356	563.274
11.5	553.680	553.894	556.026	561.142	560.503
12.0	552.828	552.401	555.599	560.929	559.650
12.5	552.188	550.696	555.599	559.437	558.158
13.0	547.284	549.416	553.254	559.437	559.650
13.5	546.645	548.137	553.254	556.878	561.356
14.0	545.366	547.924	552.401	555.599	559.863
14.5	544.939	545.792	549.630	556.239	556.452
15.0	541.741	543.020	548.777	554.746	556.665
15.5	541.954	540.249	547.071	553.680	552.614
16.0	538.117	538.756	546.858	553.254	557.305
16.5	537.904	537.264	544.939	552.614	553.894
17.0	535.558	535.558	543.660	550.269	554.533
17.5	533.000	533.426	541.741	549.203	552.614
18.0	528.736	531.081	540.462	549.203	550.909
18.5	529.162	531.081	539.396	547.284	547.498
19.0	525.751	526.178	535.985	546.858	547.924
19.5	524.259	525.538	535.558	545.579	546.645
20.0	519.995	523.832	532.787	544.726	544.300
20.5	520.634	520.848	532.360	543.447	544.300
21.0	512.533	518.502	529.376	543.447	544.300
21.5	512.746	517.010	528.096	540.462	542.381
22.0	512.106	514.238	525.538	538.970	542.807
22.5	509.122	511.680	523.832	537.904	538.970
23.0	504.858	509.761	524.046	537.477	540.888
23.5	504.005	507.416	520.421	535.558	540.036
24.0	501.020	504.431	519.355	533.213	538.330
24.5	496.330	502.086	517.010	532.147	535.345
25.0	494.198	499.314	514.878	529.376	534.279
25.5	491.852	496.756	512.533	529.162	532.787
26.0	488.654	493.984	510.188	527.883	532.787
26.5	485.243	491.213	507.416	525.325	530.228

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR2XG-L17-835-CA-DIM-UNV (AMBIENT ONLY)_.IES****CANDELA TABULATION - (Cont.)**

27.0	483.324	488.868	507.416	523.619	528.736
27.5	479.700	485.456	503.365	522.766	530.015
28.0	475.436	482.258	499.314	521.274	525.112
28.5	473.730	479.700	499.101	519.355	524.259
29.0	470.319	477.355	495.477	518.289	525.112
29.5	467.548	474.157	493.984	514.665	521.274
30.0	464.136	470.532	491.852	514.665	522.127
30.5	460.299	468.614	490.147	512.320	521.061
31.0	458.167	464.776	487.588	510.614	517.223
31.5	453.903	462.004	483.964	508.908	517.223
32.0	451.558	459.020	481.406	506.990	516.157
32.5	446.867	455.822	478.847	505.924	514.665
33.0	444.735	452.410	477.568	503.365	511.893
33.5	440.684	448.999	473.517	499.954	509.548
34.0	436.847	445.588	471.812	500.594	508.482
34.5	433.436	442.390	468.827	496.969	506.990
35.0	429.598	438.979	466.482	495.903	506.350
35.5	426.400	434.928	463.710	492.918	502.939
36.0	422.562	432.156	461.152	491.000	502.512
36.5	418.725	428.745	458.380	489.081	499.101
37.0	415.100	425.547	455.182	486.096	497.182
37.5	410.836	421.710	452.410	485.030	497.822
38.0	406.146	418.512	450.065	481.619	493.984
38.5	403.801	414.674	446.867	480.553	492.492
39.0	399.324	411.476	443.669	477.355	490.360
39.5	395.060	406.999	440.898	475.862	488.441
40.0	391.435	404.014	437.913	473.304	486.309
40.5	387.384	399.963	434.502	470.106	484.604
41.0	383.760	396.765	431.730	467.761	480.553
41.5	379.496	393.141	428.745	465.416	477.781
42.0	375.019	389.303	425.334	461.791	475.436
42.5	371.181	385.252	421.923	459.233	472.664
43.0	366.917	381.841	419.151	456.888	471.812
43.5	363.080	377.577	415.314	453.903	469.466
44.0	359.029	373.953	412.329	450.705	466.268
44.5	354.978	370.115	409.344	448.573	464.563
45.0	350.927	366.278	405.933	445.375	461.578
45.5	346.663	362.014	402.735	443.243	457.740
46.0	341.973	358.389	399.110	440.045	455.608
46.5	337.709	354.125	395.912	436.420	452.624
47.0	334.511	350.074	392.501	433.436	449.426
47.5	329.394	345.810	388.877	430.451	446.867
48.0	325.770	341.973	385.039	427.040	443.030
48.5	321.506	338.135	381.415	423.202	439.405
49.0	317.242	334.084	378.430	420.857	436.207
49.5	311.912	329.820	374.592	416.593	433.862
50.0	308.287	326.196	371.181	413.395	430.024
50.5	303.597	321.719	367.130	410.197	426.400
51.0	299.120	317.455	363.293	405.933	422.349
51.5	294.429	313.404	359.455	401.669	418.725
52.0	290.378	308.927	355.404	399.110	414.887
52.5	286.114	304.663	351.567	395.273	411.050
53.0	280.998	300.399	347.729	390.156	406.999
53.5	276.734	296.348	343.892	386.958	403.801
54.0	272.256	292.084	339.841	382.481	398.897
54.5	267.353	287.820	335.364	378.430	394.846

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR2XG-L17-835-CA-DIM-UNV (AMBIENT ONLY)_.IES****CANDELA TABULATION - (Cont.)**

55.0	263.728	283.130	331.526	373.526	390.582
55.5	259.251	278.866	327.049	369.476	386.105
56.0	254.774	274.602	322.998	365.425	381.841
56.5	250.084	270.551	318.521	360.734	377.577
57.0	245.393	266.287	314.257	356.257	372.460
57.5	240.916	262.023	309.993	351.354	367.130
58.0	236.226	257.759	305.302	346.663	361.587
58.5	231.322	253.282	301.038	342.186	356.470
59.0	226.845	248.804	296.774	337.069	351.354
59.5	222.154	244.114	292.297	332.166	346.237
60.0	217.464	239.637	287.394	327.049	340.480
60.5	212.774	234.946	282.703	321.506	334.937
61.0	207.977	230.256	278.013	315.749	329.181
61.5	203.222	225.779	272.896	310.419	323.424
62.0	198.447	221.088	268.419	304.876	316.815
62.5	193.607	216.185	263.942	298.906	310.206
63.0	188.874	211.665	259.251	293.363	304.023
63.5	183.970	206.868	254.348	287.180	298.054
64.0	179.067	202.114	249.018	280.998	291.231
64.5	174.120	197.295	243.901	274.815	284.622
65.0	169.302	192.498	238.571	268.419	277.800
65.5	164.377	187.765	233.454	262.876	270.551
66.0	159.452	182.947	227.911	256.480	264.581
66.5	154.485	178.193	222.581	249.657	257.546
67.0	149.560	173.310	217.038	243.048	250.297
67.5	144.784	168.492	211.281	235.799	243.261
68.0	139.838	163.631	205.376	228.977	236.012
68.5	134.892	158.749	199.619	222.154	228.550
69.0	130.031	153.930	193.628	214.906	220.875
69.5	125.234	149.027	187.851	207.934	213.029
70.0	120.543	144.230	181.817	200.600	205.567
70.5	115.832	139.326	175.655	193.159	198.020
71.0	111.035	134.465	169.494	185.910	190.558
71.5	106.472	129.604	163.141	178.811	183.011
72.0	101.760	124.743	156.915	171.605	175.378
72.5	97.198	119.925	150.519	164.292	167.767
73.0	92.763	115.171	144.166	156.958	160.049
73.5	88.286	110.331	137.770	149.517	152.417
74.0	83.873	105.534	131.395	142.055	144.891
74.5	79.588	100.801	124.914	134.849	137.301
75.0	75.217	96.025	118.539	127.685	129.626
75.5	70.932	91.314	112.165	120.479	121.929
76.0	66.710	86.623	105.896	113.188	114.062
76.5	62.553	81.954	99.607	105.854	106.174
77.0	58.587	77.328	93.403	98.477	98.456
77.5	54.601	72.786	87.241	91.250	90.930
78.0	50.763	68.181	81.187	84.086	83.255
78.5	46.947	63.598	75.153	76.987	75.537
79.0	43.216	59.078	69.226	69.866	67.542
79.5	39.655	54.622	63.427	62.659	59.803
80.0	36.244	50.230	57.735	55.496	52.298
80.5	32.918	45.923	52.085	48.482	45.113
81.0	29.741	41.681	46.563	41.766	38.205
81.5	26.671	37.545	41.148	35.370	31.788
82.0	23.793	33.558	35.882	29.358	25.840
82.5	21.064	29.763	30.743	23.878	20.851

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR2XG-L17-835-CA-DIM-UNV (AMBIENT ONLY)_.IES****CANDELA TABULATION - (Cont.)**

83.0	18.506	26.074	25.819	19.167	16.672
83.5	16.118	22.621	21.171	15.286	13.453
84.0	13.901	19.380	16.928	12.238	10.958
84.5	11.811	16.310	13.197	9.892	8.954
85.0	9.914	13.474	10.148	7.974	7.398
85.5	8.187	10.831	7.739	6.481	6.140
86.0	6.631	8.464	5.906	5.287	5.117
86.5	5.287	6.353	4.541	4.349	4.285
87.0	4.093	4.605	3.518	3.582	3.539
87.5	3.070	3.219	2.793	2.900	2.921
88.0	2.260	2.239	2.175	2.324	2.345
88.5	1.599	1.556	1.684	1.812	1.855
89.0	1.109	1.087	1.258	1.364	1.407
89.5	0.746	0.768	0.917	0.981	0.959
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 : CMR2XG-L17-835-CA-DIM-UNV (AMBIENT ONLY)_.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 : CMR2XG-L17-835-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 : CMR2XG-L17-835-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 : CMR2XG-L17-835-CA-DIM-UNV (AMBIENT ONLY)_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	208.92	N.A.	12.20
0-30	446.30	N.A.	26.10
0-40	738.68	N.A.	43.30
0-60	1345.36	N.A.	78.80
0-80	1690.22	N.A.	99.00
0-90	1707.45	N.A.	100.00
10-90	1653.56	N.A.	96.80
20-40	529.76	N.A.	31.00
20-50	842.82	N.A.	49.40
40-70	834.10	N.A.	48.90
60-80	344.86	N.A.	20.20
70-80	117.45	N.A.	6.90
80-90	17.23	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	1707.45	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	53.89
10-20	155.02
20-30	237.38
30-40	292.38
40-50	313.06
50-60	293.63
60-70	227.42
70-80	117.45
80-90	17.23
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 : CMR2XG-L17-835-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	52	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	38	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	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 : CMR2XG-L17-835-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

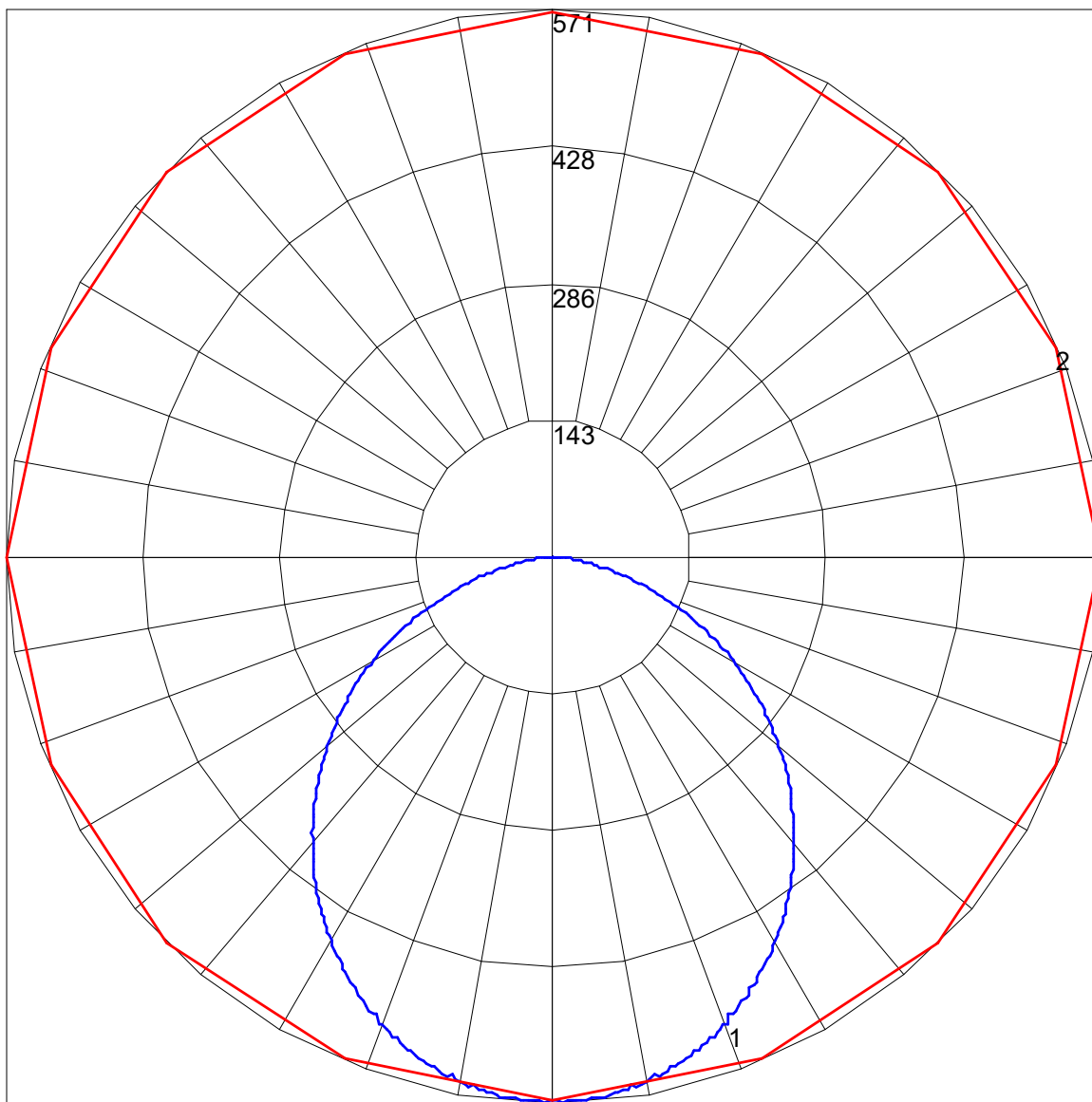
X=2H	Y=2H	13.7	15.3	14.1	15.7	16.0	15.9	17.6	16.3	17.9	18.2
	3H	15.3	16.8	15.6	17.1	17.4	17.8	19.3	18.2	19.6	20.0
	4H	15.7	17.2	16.1	17.5	17.9	18.4	19.8	18.8	20.1	20.5
	6H	16.0	17.3	16.4	17.7	18.1	18.6	19.9	19.0	20.3	20.7
	8H	16.1	17.3	16.5	17.7	18.1	18.6	19.9	19.1	20.3	20.7
	12H	16.1	17.3	16.5	17.6	18.1	18.6	19.8	19.1	20.2	20.6

UGR Viewed Endwise

4H	2H	14.7	16.1	15.1	16.5	16.8	16.4	17.8	16.8	18.2	18.5
	3H	16.5	17.7	16.9	18.1	18.5	18.5	19.7	18.9	20.1	20.5
	4H	17.1	18.1	17.5	18.5	19.0	19.2	20.3	19.6	20.7	21.1
	6H	17.4	18.4	17.9	18.8	19.3	19.6	20.5	20.0	20.9	21.4
	8H	17.5	18.4	17.9	18.8	19.3	19.6	20.5	20.0	20.9	21.4
	12H	17.5	18.3	18.0	18.8	19.2	19.6	20.4	20.1	20.8	21.3
8H	4H	17.5	18.4	18.0	18.8	19.3	19.4	20.3	19.9	20.7	21.2
	6H	17.9	18.7	18.4	19.2	19.6	19.8	20.5	20.3	21.0	21.5
	8H	18.1	18.7	18.6	19.2	19.7	19.9	20.5	20.4	21.0	21.5
	12H	18.1	18.7	18.6	19.2	19.7	19.9	20.4	20.4	20.9	21.5
12H	4H	17.5	18.3	18.0	18.8	19.3	19.4	20.2	19.9	20.7	21.1
	6H	18.0	18.7	18.5	19.1	19.7	19.8	20.5	20.4	20.9	21.5
	8H	18.1	18.7	18.6	19.2	19.8	19.9	20.5	20.4	20.9	21.5

Maximum UGR = 21.5

POLAR GRAPH



Maximum Candela = 571.163 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.)