

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2XG-L17-835-CA-DIM-UNV (A ONLY).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] CMR2xG-L17-835-CA-DIM-UNV (A 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	1742	2015	2291
55	1614	2029	2390
65	1406	1982	2307
75	1020	1608	1758
85	399	409	298

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2XG-L17-835-CA-DIM-UNV (A 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	569.071	569.071	569.071	569.071	569.071
0.5	568.858	568.645	569.284	570.350	566.300
1.0	570.989	567.792	569.710	569.071	568.858
1.5	569.284	566.940	569.284	568.645	566.940
2.0	568.858	566.300	567.366	570.989	568.645
2.5	569.071	565.874	567.366	570.137	565.661
3.0	568.432	566.940	568.218	568.858	567.366
3.5	569.071	567.153	566.087	568.858	568.218
4.0	566.300	565.235	568.005	568.218	567.366
4.5	566.726	565.448	565.661	567.792	565.021
5.0	566.940	565.874	566.300	566.087	567.366
5.5	567.153	564.595	565.874	569.071	567.153
6.0	565.661	564.808	564.595	567.153	566.513
6.5	563.529	563.316	565.661	567.579	566.300
7.0	564.595	563.103	564.808	567.579	563.316
7.5	562.890	561.824	563.103	565.874	564.169
8.0	562.464	560.546	563.743	565.661	563.956
8.5	559.267	560.119	562.464	563.743	563.529
9.0	560.332	559.693	562.464	563.956	563.743
9.5	560.332	558.627	560.332	564.808	562.677
10.0	557.775	557.988	559.480	562.251	563.956
10.5	554.791	556.922	559.693	561.611	561.185
11.0	550.528	554.152	557.135	561.185	563.103
11.5	553.512	553.725	555.857	560.972	560.332
12.0	552.660	552.233	555.430	560.759	559.480
12.5	552.020	550.528	555.430	559.267	557.988
13.0	547.118	549.249	553.086	559.267	559.480
13.5	546.479	547.971	553.086	556.709	561.185
14.0	545.200	547.757	552.233	555.430	559.693
14.5	544.774	545.626	549.463	556.070	556.283
15.0	541.577	542.855	548.610	554.578	556.496
15.5	541.790	540.085	546.905	553.512	552.446
16.0	537.953	538.593	546.692	553.086	557.135
16.5	537.740	537.101	544.774	552.446	553.725
17.0	535.396	535.396	543.495	550.102	554.365
17.5	532.838	533.264	541.577	549.036	552.446
18.0	528.575	530.920	540.298	549.036	550.741
18.5	529.002	530.920	539.232	547.118	547.331
19.0	525.591	526.018	535.822	546.692	547.757
19.5	524.099	525.378	535.396	545.413	546.479
20.0	519.837	523.673	532.625	544.560	544.134
20.5	520.476	520.689	532.199	543.282	544.134
21.0	512.377	518.345	529.215	543.282	544.134
21.5	512.590	516.853	527.936	540.298	542.216
22.0	511.951	514.082	525.378	538.806	542.642
22.5	508.967	511.524	523.673	537.740	538.806
23.0	504.704	509.606	523.886	537.314	540.724
23.5	503.852	507.262	520.263	535.396	539.871
24.0	500.868	504.278	519.197	533.051	538.166
24.5	496.179	501.933	516.853	531.985	535.182
25.0	494.047	499.163	514.722	529.215	534.117
25.5	491.703	496.605	512.377	529.002	532.625
26.0	488.506	493.834	510.033	527.723	532.625
26.5	485.096	491.063	507.262	525.165	530.067

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2XG-L17-835-CA-DIM-UNV (A ONLY).IES

CANDELA TABULATION - (Cont.)

27.0	483.177	488.719	507.262	523.460	528.575
27.5	479.554	485.309	503.212	522.608	529.854
28.0	475.291	482.112	499.163	521.116	524.952
28.5	473.586	479.554	498.949	519.197	524.099
29.0	470.176	477.210	495.326	518.132	524.952
29.5	467.405	474.013	493.834	514.508	521.116
30.0	463.995	470.389	491.703	514.508	521.968
30.5	460.159	468.471	489.998	512.164	520.902
31.0	458.028	464.635	487.440	510.459	517.066
31.5	453.765	461.864	483.817	508.754	517.066
32.0	451.420	458.880	481.259	506.836	516.000
32.5	446.731	455.683	478.702	505.770	514.508
33.0	444.600	452.273	477.423	503.212	511.738
33.5	440.550	448.863	473.373	499.802	509.393
34.0	436.714	445.453	471.668	500.441	508.327
34.5	433.304	442.256	468.684	496.818	506.836
35.0	429.467	438.845	466.340	495.752	506.196
35.5	426.270	434.796	463.569	492.769	502.786
36.0	422.434	432.025	461.011	490.850	502.360
36.5	418.598	428.615	458.241	488.932	498.949
37.0	414.974	425.418	455.044	485.948	497.031
37.5	410.712	421.581	452.273	484.883	497.671
38.0	406.023	418.384	449.928	481.472	493.834
38.5	403.678	414.548	446.731	480.407	492.342
39.0	399.202	411.351	443.534	477.210	490.211
39.5	394.940	406.875	440.764	475.718	488.293
40.0	391.316	403.891	437.780	473.160	486.161
40.5	387.267	399.842	434.370	469.963	484.456
41.0	383.643	396.645	431.599	467.619	480.407
41.5	379.381	393.021	428.615	465.274	477.636
42.0	374.905	389.185	425.205	461.651	475.291
42.5	371.068	385.135	421.795	459.093	472.521
43.0	366.806	381.725	419.024	456.749	471.668
43.5	362.969	377.462	415.187	453.765	469.324
44.0	358.920	373.839	412.203	450.568	466.127
44.5	354.870	370.003	409.220	448.436	464.422
45.0	350.821	366.166	405.809	445.239	461.438
45.5	346.558	361.904	402.612	443.108	457.601
46.0	341.869	358.280	398.989	439.911	455.470
46.5	337.606	354.018	395.792	436.288	452.486
47.0	334.409	349.968	392.382	433.304	449.289
47.5	329.294	345.705	388.759	430.320	446.731
48.0	325.671	341.869	384.922	426.910	442.895
48.5	321.408	338.032	381.299	423.073	439.272
49.0	317.145	333.983	378.315	420.729	436.075
49.5	311.817	329.720	374.479	416.466	433.730
50.0	308.193	326.097	371.068	413.269	429.894
50.5	303.505	321.621	367.019	410.072	426.270
51.0	299.029	317.358	363.182	405.809	422.221
51.5	294.340	313.309	359.346	401.547	418.598
52.0	290.290	308.833	355.296	398.989	414.761
52.5	286.027	304.570	351.460	395.153	410.925
53.0	280.912	300.307	347.624	390.037	406.875
53.5	276.649	296.258	343.787	386.840	403.678
54.0	272.174	291.995	339.738	382.365	398.776
54.5	267.272	287.733	335.262	378.315	394.726

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2XG-L17-835-CA-DIM-UNV (A ONLY).IES

CANDELA TABULATION - (Cont.)

55.0	263.648	283.044	331.425	373.413	390.464
55.5	259.172	278.781	326.949	369.363	385.988
56.0	254.697	274.518	322.900	365.314	381.725
56.5	250.008	270.469	318.424	360.625	377.462
57.0	245.319	266.206	314.161	356.149	372.347
57.5	240.843	261.943	309.899	351.247	367.019
58.0	236.154	257.680	305.210	346.558	361.477
58.5	231.252	253.205	300.947	342.082	356.362
59.0	226.776	248.729	296.684	336.967	351.247
59.5	222.087	244.040	292.208	332.065	346.132
60.0	217.398	239.564	287.306	326.949	340.377
60.5	212.709	234.875	282.617	321.408	334.835
61.0	207.913	230.186	277.928	315.653	329.081
61.5	203.160	225.710	272.813	310.325	323.326
62.0	198.386	221.021	268.337	304.783	316.719
62.5	193.548	216.119	263.861	298.816	310.112
63.0	188.816	211.601	259.172	293.274	303.931
63.5	183.914	206.805	254.270	287.093	297.963
64.0	179.012	202.052	248.942	280.912	291.143
64.5	174.068	197.235	243.827	274.731	284.535
65.0	169.251	192.440	238.498	268.337	277.715
65.5	164.327	187.708	233.383	262.796	270.469
66.0	159.404	182.891	227.842	256.402	264.501
66.5	154.438	178.138	222.513	249.581	257.467
67.0	149.514	173.258	216.972	242.974	250.221
67.5	144.740	168.441	211.217	235.728	243.187
68.0	139.795	163.581	205.313	228.907	235.941
68.5	134.851	158.700	199.558	222.087	228.481
69.0	129.991	153.884	193.569	214.840	220.808
69.5	125.196	148.982	187.793	207.871	212.965
70.0	120.507	144.186	181.762	200.539	205.505
70.5	115.796	139.284	175.602	193.100	197.960
71.0	111.001	134.424	169.442	185.854	190.500
71.5	106.440	129.565	163.091	178.756	182.955
72.0	101.729	124.705	156.868	171.553	175.325
72.5	97.168	119.889	150.473	164.242	167.716
73.0	92.735	115.136	144.122	156.910	160.001
73.5	88.259	110.297	137.728	149.472	152.370
74.0	83.847	105.502	131.355	142.012	144.847
74.5	79.563	100.770	124.876	134.808	137.259
75.0	75.194	95.996	118.503	127.647	129.586
75.5	70.910	91.286	112.130	120.443	121.892
76.0	66.690	86.597	105.864	113.153	114.027
76.5	62.534	81.929	99.577	105.822	106.141
77.0	58.570	77.304	93.375	98.447	98.426
77.5	54.584	72.764	87.215	91.222	90.902
78.0	50.747	68.161	81.162	84.061	83.229
78.5	46.932	63.578	75.130	76.963	75.514
79.0	43.203	59.060	69.205	69.844	67.521
79.5	39.643	54.605	63.408	62.640	59.784
80.0	36.233	50.215	57.717	55.479	52.282
80.5	32.908	45.909	52.069	48.467	45.099
81.0	29.732	41.668	46.549	41.753	38.194
81.5	26.663	37.533	41.135	35.359	31.778
82.0	23.786	33.547	35.871	29.349	25.832
82.5	21.058	29.754	30.734	23.871	20.845

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR2XG-L17-835-CA-DIM-UNV (A ONLY).IES

CANDELA TABULATION - (Cont.)

83.0	18.500	26.066	25.811	19.161	16.667
83.5	16.113	22.614	21.164	15.282	13.449
84.0	13.896	19.374	16.923	12.234	10.955
84.5	11.808	16.305	13.193	9.889	8.952
85.0	9.911	13.470	10.145	7.971	7.396
85.5	8.184	10.827	7.737	6.479	6.138
86.0	6.629	8.461	5.904	5.286	5.115
86.5	5.286	6.351	4.540	4.348	4.284
87.0	4.092	4.604	3.517	3.581	3.538
87.5	3.069	3.218	2.792	2.899	2.920
88.0	2.259	2.238	2.174	2.323	2.344
88.5	1.599	1.556	1.684	1.812	1.854
89.0	1.108	1.087	1.257	1.364	1.407
89.5	0.746	0.767	0.916	0.980	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 (A 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 (A 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 (A 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 (A ONLY).IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	208.85	N.A.	12.20
0-30	446.17	N.A.	26.10
0-40	738.45	N.A.	43.30
0-60	1344.96	N.A.	78.80
0-80	1689.71	N.A.	99.00
0-90	1706.93	N.A.	100.00
10-90	1653.06	N.A.	96.80
20-40	529.60	N.A.	31.00
20-50	842.57	N.A.	49.40
40-70	833.85	N.A.	48.90
60-80	344.76	N.A.	20.20
70-80	117.41	N.A.	6.90
80-90	17.22	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	1706.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	53.88
10-20	154.98
20-30	237.31
30-40	292.29
40-50	312.97
50-60	293.54
60-70	227.35
70-80	117.41
80-90	17.22
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 (A 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 : CMR2XG-L17-835-CA-DIM-UNV (A 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

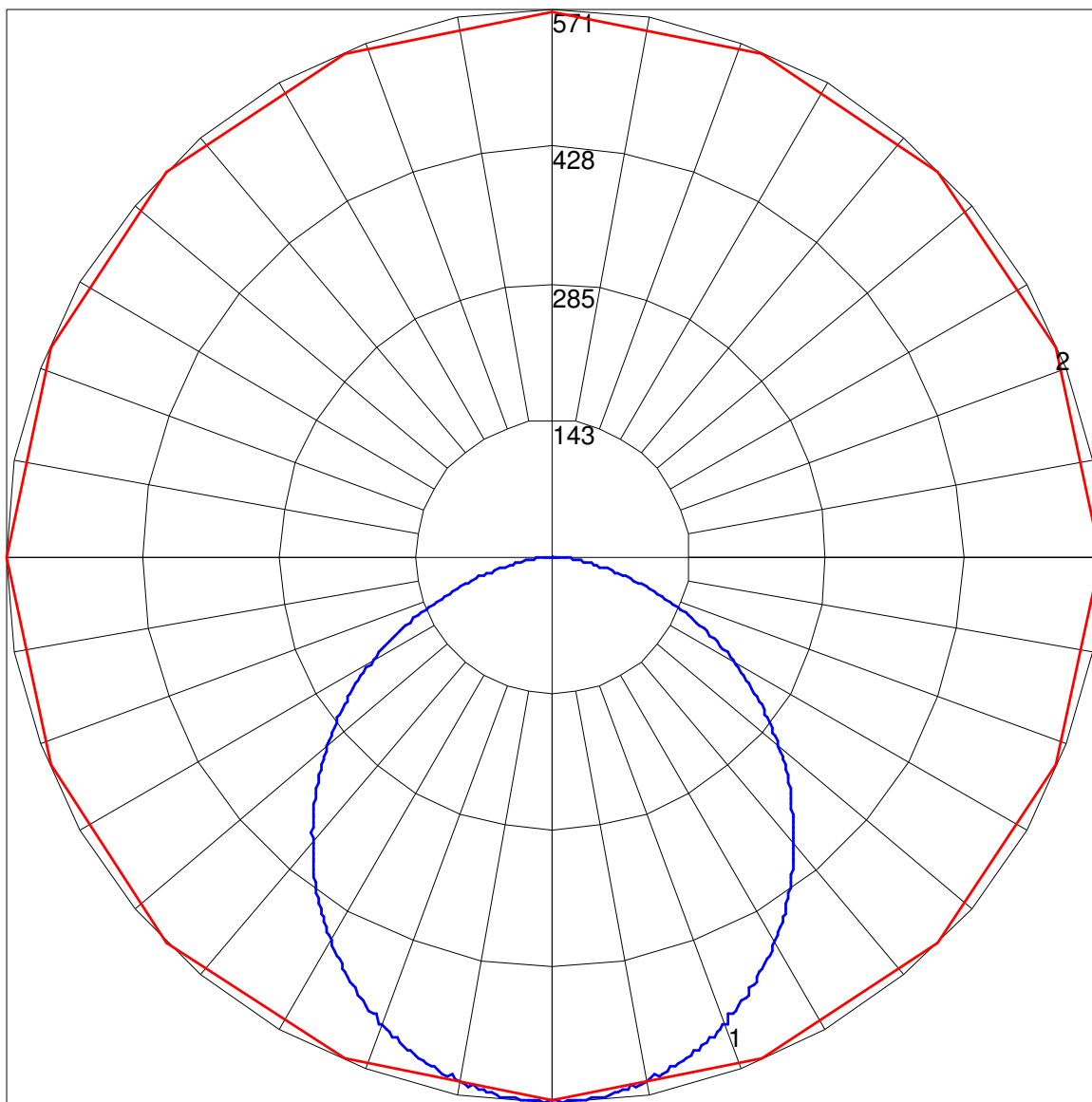
X=2H	Y=2H	13.7	15.4	14.1	15.7	16.0	15.9	17.6	16.3	17.9	18.2
	3H	15.3	16.8	15.6	17.1	17.4	17.8	19.3	18.2	19.6	20.0
	4H	15.8	17.2	16.1	17.5	17.9	18.4	19.8	18.8	20.1	20.5
	6H	16.0	17.3	16.4	17.7	18.1	18.6	19.9	19.0	20.3	20.7
	8H	16.1	17.3	16.5	17.7	18.1	18.6	19.9	19.1	20.3	20.7
	12H	16.1	17.3	16.5	17.6	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	18.0	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 = 570.989 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.)