

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2XG-L17-940-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-L17-940-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	1468
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
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	1498	1733	1971
55	1388	1745	2056
65	1209	1704	1984
75	877	1383	1512
85	343	352	256

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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	489.401	489.401	489.401	489.401	489.401
0.5	489.218	489.035	489.584	490.501	487.018
1.0	491.051	488.301	489.951	489.401	489.218
1.5	489.584	487.568	489.584	489.035	487.568
2.0	489.218	487.018	487.935	491.051	489.035
2.5	489.401	486.652	487.935	490.318	486.468
3.0	488.851	487.568	488.668	489.218	487.935
3.5	489.401	487.751	486.835	489.218	488.668
4.0	487.018	486.102	488.485	488.668	487.935
4.5	487.385	486.285	486.468	488.301	485.918
5.0	487.568	486.652	487.018	486.835	487.935
5.5	487.751	485.552	486.652	489.401	487.751
6.0	486.468	485.735	485.552	487.751	487.202
6.5	484.635	484.452	486.468	488.118	487.018
7.0	485.552	484.269	485.735	488.118	484.452
7.5	484.086	483.169	484.269	486.652	485.185
8.0	483.719	482.069	484.819	486.468	485.002
8.5	480.969	481.703	483.719	484.819	484.635
9.0	481.886	481.336	483.719	485.002	484.819
9.5	481.886	480.420	481.886	485.735	483.902
10.0	479.686	479.870	481.153	483.536	485.002
10.5	477.120	478.953	481.336	482.986	482.619
11.0	473.454	476.570	479.137	482.619	484.269
11.5	476.020	476.204	478.037	482.436	481.886
12.0	475.287	474.921	477.670	482.253	481.153
12.5	474.737	473.454	477.670	480.969	479.870
13.0	470.522	472.355	475.654	480.969	481.153
13.5	469.972	471.255	475.654	478.770	482.619
14.0	468.872	471.071	474.921	477.670	481.336
14.5	468.505	469.239	472.538	478.220	478.403
15.0	465.756	466.856	471.805	476.937	478.587
15.5	465.939	464.473	470.338	476.020	475.104
16.0	462.640	463.190	470.155	475.654	479.137
16.5	462.457	461.907	468.505	475.104	476.204
17.0	460.440	460.440	467.406	473.088	476.754
17.5	458.241	458.607	465.756	472.171	475.104
18.0	454.575	456.591	464.656	472.171	473.638
18.5	454.941	456.591	463.740	470.522	470.705
19.0	452.009	452.375	460.807	470.155	471.071
19.5	450.726	451.825	460.440	469.055	469.972
20.0	447.060	450.359	458.057	468.322	467.955
20.5	447.610	447.793	457.691	467.222	467.955
21.0	440.644	445.777	455.125	467.222	467.955
21.5	440.828	444.494	454.025	464.656	466.306
22.0	440.278	442.111	451.825	463.373	466.672
22.5	437.712	439.911	450.359	462.457	463.373
23.0	434.046	438.261	450.542	462.090	465.023
23.5	433.312	436.245	447.426	460.440	464.290
24.0	430.746	433.679	446.510	458.424	462.823
24.5	426.714	431.663	444.494	457.508	460.257
25.0	424.881	429.280	442.661	455.125	459.341
25.5	422.865	427.080	440.644	454.941	458.057
26.0	420.115	424.698	438.628	453.842	458.057
26.5	417.182	422.315	436.245	451.642	455.858

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27.0	415.533	420.298	436.245	450.176	454.575
27.5	412.417	417.366	432.763	449.443	455.675
28.0	408.751	414.616	429.280	448.159	451.459
28.5	407.284	412.417	429.097	446.510	450.726
29.0	404.352	410.400	425.981	445.593	451.459
29.5	401.969	407.651	424.698	442.477	448.159
30.0	399.036	404.535	422.865	442.477	448.893
30.5	395.737	402.885	421.398	440.461	447.976
31.0	393.904	399.586	419.199	438.995	444.677
31.5	390.238	397.203	416.083	437.528	444.677
32.0	388.222	394.637	413.883	435.879	443.760
32.5	384.189	391.887	411.683	434.962	442.477
33.0	382.356	388.955	410.584	432.763	440.094
33.5	378.873	386.022	407.101	429.830	438.078
34.0	375.574	383.089	405.635	430.380	437.162
34.5	372.641	380.340	403.069	427.264	435.879
35.0	369.342	377.407	401.052	426.347	435.329
35.5	366.593	373.924	398.669	423.781	432.396
36.0	363.293	371.542	396.470	422.131	432.029
36.5	359.994	368.609	394.087	420.482	429.097
37.0	356.878	365.859	391.338	417.916	427.447
37.5	353.212	362.560	388.955	416.999	427.997
38.0	349.179	359.811	386.938	414.066	424.698
38.5	347.163	356.511	384.189	413.150	423.414
39.0	343.314	353.762	381.440	410.400	421.581
39.5	339.648	349.913	379.057	409.117	419.932
40.0	336.532	347.346	376.491	406.918	418.099
40.5	333.049	343.864	373.558	404.168	416.632
41.0	329.933	341.114	371.175	402.152	413.150
41.5	326.267	337.998	368.609	400.136	410.767
42.0	322.418	334.699	365.676	397.020	408.751
42.5	319.119	331.216	362.743	394.820	406.368
43.0	315.453	328.284	360.361	392.804	405.635
43.5	312.154	324.618	357.061	390.238	403.618
44.0	308.671	321.502	354.495	387.488	400.869
44.5	305.188	318.202	351.929	385.655	399.403
45.0	301.706	314.903	348.996	382.906	396.836
45.5	298.040	311.237	346.247	381.073	393.537
46.0	294.007	308.121	343.131	378.324	391.704
46.5	290.341	304.455	340.381	375.208	389.138
47.0	287.592	300.973	337.448	372.641	386.389
47.5	283.193	297.307	334.332	370.075	384.189
48.0	280.077	294.007	331.033	367.142	380.890
48.5	276.411	290.708	327.917	363.843	377.774
49.0	272.745	287.225	325.351	361.827	375.024
49.5	268.162	283.559	322.052	358.161	373.008
50.0	265.046	280.443	319.119	355.412	369.709
50.5	261.014	276.594	315.636	352.662	366.593
51.0	257.165	272.928	312.337	348.996	363.110
51.5	253.132	269.446	309.038	345.330	359.994
52.0	249.650	265.596	305.555	343.131	356.695
52.5	245.984	261.930	302.256	339.831	353.395
53.0	241.585	258.264	298.956	335.432	349.913
53.5	237.919	254.782	295.657	332.683	347.163
54.0	234.069	251.116	292.174	328.834	342.947
54.5	229.854	247.450	288.325	325.351	339.465

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CANDELA TABULATION - (Cont.)

55.0	226.738	243.417	285.026	321.135	335.799
55.5	222.888	239.752	281.177	317.652	331.950
56.0	219.039	236.086	277.694	314.170	328.284
56.5	215.007	232.603	273.845	310.137	324.618
57.0	210.974	228.937	270.179	306.288	320.219
57.5	207.125	225.271	266.513	302.072	315.636
58.0	203.092	221.605	262.480	298.040	310.871
58.5	198.876	217.756	258.814	294.191	306.471
59.0	195.027	213.907	255.148	289.791	302.072
59.5	190.995	209.874	251.299	285.576	297.673
60.0	186.962	206.025	247.083	281.177	292.724
60.5	182.930	201.993	243.051	276.411	287.958
61.0	178.806	197.960	239.018	271.462	283.009
61.5	174.718	194.111	234.619	266.879	278.060
62.0	170.612	190.078	230.770	262.114	272.378
62.5	166.451	185.862	226.921	256.981	266.696
63.0	162.382	181.977	222.888	252.216	261.381
63.5	158.166	177.852	218.672	246.900	256.248
64.0	153.951	173.765	214.090	241.585	250.383
64.5	149.698	169.622	209.691	236.269	244.701
65.0	145.556	165.498	205.109	230.770	238.835
65.5	141.321	161.429	200.709	226.004	232.603
66.0	137.087	157.287	195.944	220.505	227.471
66.5	132.816	153.199	191.361	214.640	221.422
67.0	128.582	149.002	186.596	208.958	215.190
67.5	124.477	144.859	181.647	202.726	209.141
68.0	120.224	140.680	176.569	196.860	202.909
68.5	115.972	136.482	171.620	190.995	196.494
69.0	111.792	132.340	166.470	184.763	189.895
69.5	107.668	128.124	161.502	178.769	183.150
70.0	103.636	124.000	156.315	172.463	176.734
70.5	99.585	119.784	151.018	166.066	170.246
71.0	95.461	115.605	145.721	159.834	163.830
71.5	91.538	111.426	140.258	153.731	157.342
72.0	87.487	107.247	134.906	147.535	150.780
72.5	83.565	103.104	129.407	141.248	144.236
73.0	79.752	99.017	123.945	134.943	137.601
73.5	75.903	94.856	118.446	128.546	131.039
74.0	72.109	90.732	112.966	122.130	124.568
74.5	68.425	86.662	107.393	115.935	118.043
75.0	64.667	82.557	101.913	109.776	111.444
75.5	60.983	78.506	96.432	103.581	104.827
76.0	57.353	74.473	91.043	97.312	98.064
76.5	53.779	70.459	85.636	91.007	91.282
77.0	50.370	66.482	80.302	84.665	84.646
77.5	46.942	62.577	75.005	78.451	78.176
78.0	43.643	58.618	69.799	72.292	71.577
78.5	40.362	54.677	64.612	66.188	64.942
79.0	37.154	50.791	59.516	60.066	58.068
79.5	34.093	46.961	54.531	53.871	51.415
80.0	31.160	43.185	49.637	47.712	44.963
80.5	28.301	39.482	44.779	41.682	38.785
81.0	25.570	35.834	40.032	35.908	32.847
81.5	22.930	32.278	35.376	30.409	27.329
82.0	20.456	28.851	30.849	25.240	22.216
82.5	18.110	25.588	26.431	20.529	17.926

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CANDELA TABULATION - (Cont.)

83.0	15.910	22.417	22.197	16.478	14.334
83.5	13.857	19.448	18.201	13.142	11.566
84.0	11.951	16.662	14.554	10.521	9.421
84.5	10.155	14.022	11.346	8.505	7.698
85.0	8.523	11.584	8.725	6.855	6.360
85.5	7.039	9.311	6.654	5.572	5.279
86.0	5.701	7.277	5.077	4.546	4.399
86.5	4.546	5.462	3.904	3.739	3.684
87.0	3.519	3.959	3.024	3.079	3.043
87.5	2.639	2.768	2.401	2.493	2.511
88.0	1.943	1.925	1.870	1.998	2.016
88.5	1.375	1.338	1.448	1.558	1.595
89.0	0.953	0.935	1.081	1.173	1.210
89.5	0.642	0.660	0.788	0.843	0.825
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

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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
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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-L17-940-CA-DIM-UNV (A ONLY).IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	179.61	N.A.	12.20
0-30	383.70	N.A.	26.10
0-40	635.07	N.A.	43.30
0-60	1156.66	N.A.	78.80
0-80	1453.15	N.A.	99.00
0-90	1467.96	N.A.	100.00
10-90	1421.63	N.A.	96.80
20-40	455.46	N.A.	31.00
20-50	724.61	N.A.	49.40
40-70	717.11	N.A.	48.90
60-80	296.49	N.A.	20.20
70-80	100.97	N.A.	6.90
80-90	14.81	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	1467.96	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	46.34
10-20	133.28
20-30	204.09
30-40	251.37
40-50	269.15
50-60	252.44
60-70	195.52
70-80	100.97
80-90	14.81
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-L17-940-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

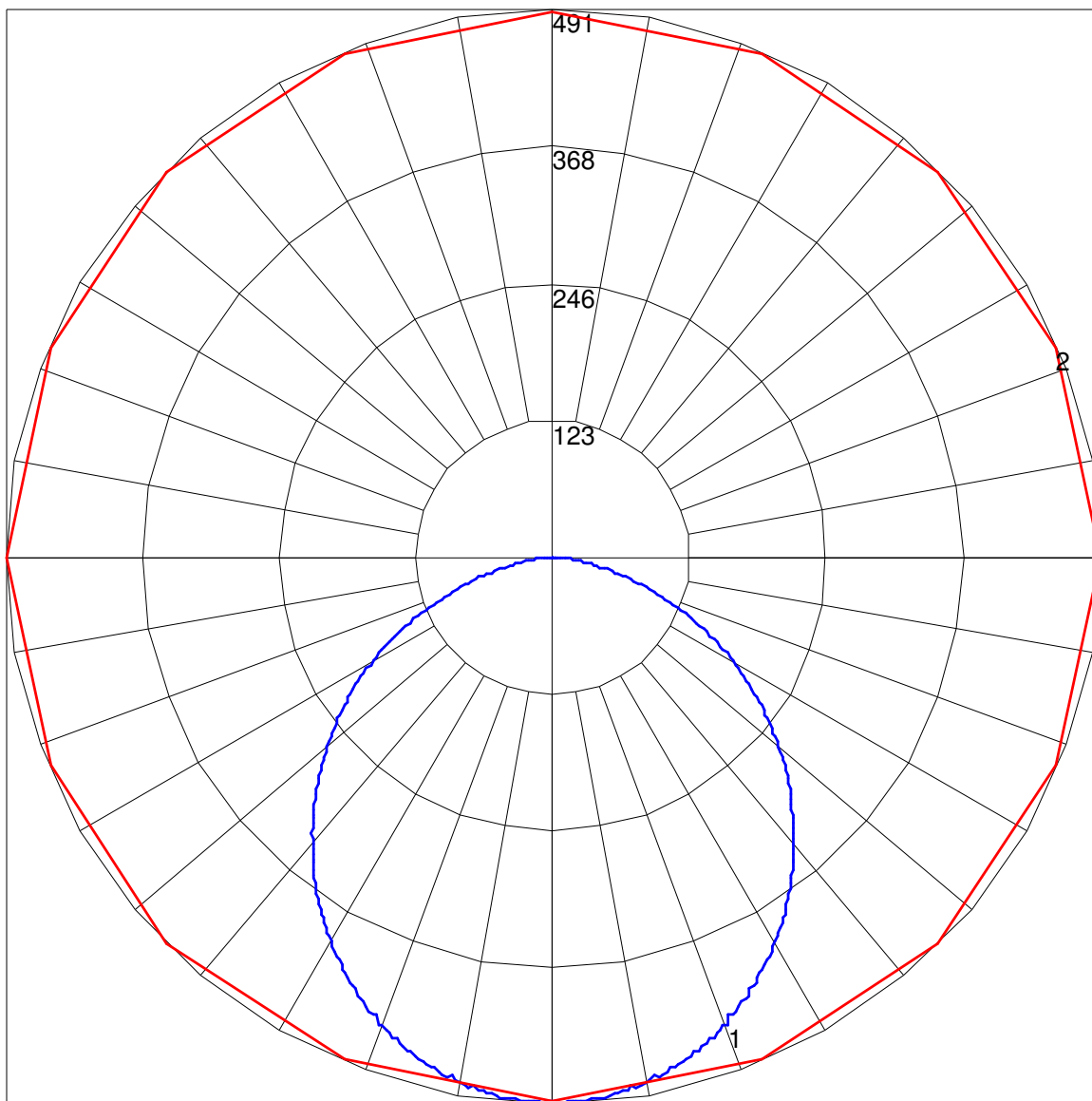
IES INDOOR REPORT
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UGR TABLE - CORRECTED

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					UGR Viewed Endwise				
X=2H	Y=2H	13.1	14.7	13.5	15.1	15.4	15.3	17.0	15.7	17.3	17.6
	3H	14.7	16.2	15.0	16.5	16.8	17.2	18.7	17.6	19.0	19.4
	4H	15.1	16.6	15.5	16.9	17.3	17.8	19.2	18.2	19.5	19.9
	6H	15.4	16.7	15.8	17.1	17.5	18.0	19.3	18.4	19.7	20.1
	8H	15.5	16.7	15.9	17.1	17.5	18.0	19.3	18.5	19.7	20.1
	12H	15.5	16.7	15.9	17.0	17.5	18.0	19.2	18.5	19.6	20.0
4H	2H	14.1	15.5	14.5	15.9	16.2	15.8	17.2	16.2	17.6	17.9
	3H	15.9	17.1	16.3	17.5	17.9	17.9	19.1	18.3	19.5	19.9
	4H	16.5	17.5	16.9	17.9	18.4	18.6	19.7	19.0	20.1	20.5
	6H	16.8	17.8	17.3	18.2	18.7	19.0	19.9	19.4	20.3	20.8
	8H	16.9	17.8	17.3	18.2	18.7	19.0	19.9	19.4	20.3	20.8
	12H	16.9	17.7	17.4	18.2	18.6	19.0	19.8	19.5	20.2	20.7
8H	4H	16.9	17.8	17.4	18.2	18.7	18.8	19.7	19.3	20.1	20.6
	6H	17.3	18.1	17.8	18.6	19.0	19.2	19.9	19.7	20.4	20.9
	8H	17.5	18.1	18.0	18.6	19.1	19.3	19.9	19.8	20.4	20.9
	12H	17.5	18.1	18.0	18.6	19.1	19.3	19.8	19.8	20.3	20.9
12H	4H	16.9	17.7	17.4	18.2	18.7	18.8	19.6	19.3	20.1	20.5
	6H	17.4	18.1	17.9	18.5	19.1	19.2	19.9	19.8	20.3	20.9
	8H	17.5	18.1	18.0	18.6	19.2	19.3	19.9	19.8	20.3	20.9

Maximum UGR = 20.9

POLAR GRAPH



Maximum Candela = 491.051 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.)