

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2XG-L17-927-CA-DIM-UNV (A ONLY).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] CMR2xG-L17-927-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	1366
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
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	1394	1612	1833
55	1291	1623	1912
65	1125	1585	1846
75	816	1286	1407
85	319	327	238

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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	455.257	455.257	455.257	455.257	455.257
0.5	455.086	454.916	455.427	456.280	453.040
1.0	456.791	454.234	455.768	455.257	455.086
1.5	455.427	453.552	455.427	454.916	453.552
2.0	455.086	453.040	453.893	456.791	454.916
2.5	455.257	452.699	453.893	456.109	452.529
3.0	454.745	453.552	454.575	455.086	453.893
3.5	455.257	453.722	452.870	455.086	454.575
4.0	453.040	452.188	454.404	454.575	453.893
4.5	453.381	452.358	452.529	454.234	452.017
5.0	453.552	452.699	453.040	452.870	453.893
5.5	453.722	451.676	452.699	455.257	453.722
6.0	452.529	451.847	451.676	453.722	453.211
6.5	450.824	450.653	452.529	454.063	453.040
7.0	451.676	450.483	451.847	454.063	450.653
7.5	450.312	449.460	450.483	452.699	451.335
8.0	449.971	448.437	450.994	452.529	451.165
8.5	447.414	448.096	449.971	450.994	450.824
9.0	448.266	447.755	449.971	451.165	450.994
9.5	448.266	446.902	448.266	451.847	450.142
10.0	446.220	446.390	447.584	449.801	451.165
10.5	443.833	445.538	447.755	449.289	448.948
11.0	440.423	443.321	445.708	448.948	450.483
11.5	442.810	442.980	444.685	448.778	448.266
12.0	442.128	441.787	444.344	448.607	447.584
12.5	441.616	440.423	444.344	447.414	446.390
13.0	437.695	439.400	442.469	447.414	447.584
13.5	437.183	438.377	442.469	445.367	448.948
14.0	436.160	438.206	441.787	444.344	447.755
14.5	435.819	436.501	439.570	444.856	445.026
15.0	433.261	434.284	438.888	443.662	445.197
15.5	433.432	432.068	437.524	442.810	441.957
16.0	430.363	430.874	437.354	442.469	445.708
16.5	430.192	429.681	435.819	441.957	442.980
17.0	428.317	428.317	434.796	440.082	443.492
17.5	426.271	426.612	433.261	439.229	441.957
18.0	422.860	424.736	432.238	439.229	440.593
18.5	423.201	424.736	431.386	437.695	437.865
19.0	420.473	420.814	428.658	437.354	438.206
19.5	419.280	420.303	428.317	436.330	437.183
20.0	415.870	418.939	426.100	435.648	435.307
20.5	416.381	416.552	425.759	434.625	435.307
21.0	409.902	414.676	423.372	434.625	435.307
21.5	410.072	413.482	422.349	432.238	433.773
22.0	409.561	411.266	420.303	431.045	434.114
22.5	407.174	409.220	418.939	430.192	431.045
23.0	403.763	407.685	419.109	429.851	432.579
23.5	403.081	405.810	416.211	428.317	431.897
24.0	400.694	403.422	415.358	426.441	430.533
24.5	396.943	401.547	413.482	425.588	428.146
25.0	395.238	399.330	411.777	423.372	427.294
25.5	393.362	397.284	409.902	423.201	426.100
26.0	390.805	395.068	408.026	422.178	426.100
26.5	388.077	392.851	405.810	420.132	424.054

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR2XG-L17-927-CA-DIM-UNV (A ONLY).IES****CANDELA TABULATION - (Cont.)**

27.0	386.542	390.975	405.810	418.768	422.860
27.5	383.643	388.247	402.570	418.086	423.883
28.0	380.233	385.690	399.330	416.893	419.962
28.5	378.869	383.643	399.160	415.358	419.280
29.0	376.141	381.768	396.261	414.505	419.962
29.5	373.924	379.210	395.068	411.607	416.893
30.0	371.196	376.312	393.362	411.607	417.575
30.5	368.127	374.777	391.998	409.731	416.722
31.0	366.422	371.708	389.952	408.367	413.653
31.5	363.012	369.491	387.054	407.003	413.653
32.0	361.136	367.104	385.008	405.469	412.800
32.5	357.385	364.547	382.961	404.616	411.607
33.0	355.680	361.818	381.938	402.570	409.390
33.5	352.440	359.090	378.699	399.842	407.515
34.0	349.371	356.362	377.335	400.353	406.662
34.5	346.643	353.805	374.948	397.455	405.469
35.0	343.574	351.076	373.072	396.602	404.957
35.5	341.016	347.837	370.855	394.215	402.229
36.0	337.947	345.620	368.809	392.680	401.888
36.5	334.878	342.892	366.593	391.146	399.160
37.0	331.979	340.334	364.035	388.759	397.625
37.5	328.569	337.265	361.818	387.906	398.137
38.0	324.818	334.708	359.943	385.178	395.068
38.5	322.943	331.638	357.385	384.325	393.874
39.0	319.362	329.081	354.828	381.768	392.169
39.5	315.952	325.500	352.611	380.574	390.634
40.0	313.053	323.113	350.224	378.528	388.929
40.5	309.813	319.873	347.496	375.971	387.565
41.0	306.915	317.316	345.279	374.095	384.325
41.5	303.505	314.417	342.892	372.219	382.109
42.0	299.924	311.348	340.164	369.321	380.233
42.5	296.855	308.108	337.436	367.275	378.017
43.0	293.445	305.380	335.219	365.399	377.335
43.5	290.375	301.970	332.150	363.012	375.459
44.0	287.136	299.071	329.763	360.454	372.901
44.5	283.896	296.002	327.376	358.749	371.537
45.0	280.657	292.933	324.648	356.192	369.150
45.5	277.246	289.523	322.090	354.487	366.081
46.0	273.495	286.624	319.191	351.929	364.376
46.5	270.085	283.214	316.634	349.030	361.989
47.0	267.527	279.974	313.906	346.643	359.431
47.5	263.435	276.564	311.007	344.256	357.385
48.0	260.537	273.495	307.938	341.528	354.316
48.5	257.126	270.426	305.039	338.459	351.417
49.0	253.716	267.186	302.652	336.583	348.860
49.5	249.454	263.776	299.583	333.173	346.984
50.0	246.555	260.878	296.855	330.615	343.915
50.5	242.804	257.297	293.615	328.058	341.016
51.0	239.223	253.887	290.546	324.648	337.777
51.5	235.472	250.647	287.477	321.237	334.878
52.0	232.232	247.066	284.237	319.191	331.809
52.5	228.822	243.656	281.168	316.122	328.740
53.0	224.730	240.246	278.099	312.030	325.500
53.5	221.320	237.006	275.030	309.472	322.943
54.0	217.739	233.596	271.790	305.892	319.021
54.5	213.817	230.186	268.209	302.652	315.781

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55.0	210.919	226.435	265.140	298.730	312.371
55.5	207.338	223.025	261.560	295.491	308.790
56.0	203.757	219.615	258.320	292.251	305.380
56.5	200.006	216.375	254.739	288.500	301.970
57.0	196.255	212.965	251.329	284.919	297.878
57.5	192.674	209.555	247.919	280.998	293.615
58.0	188.923	206.144	244.168	277.246	289.182
58.5	185.001	202.564	240.758	273.666	285.090
59.0	181.421	198.983	237.347	269.573	280.998
59.5	177.670	195.232	233.767	265.652	276.905
60.0	173.918	191.651	229.845	261.560	272.302
60.5	170.167	187.900	226.094	257.126	267.868
61.0	166.331	184.149	222.343	252.523	263.265
61.5	162.528	180.568	218.251	248.260	258.661
62.0	158.709	176.817	214.670	243.827	253.375
62.5	154.839	172.895	211.089	239.053	248.089
63.0	151.053	169.281	207.338	234.619	243.145
63.5	147.132	165.444	203.416	229.675	238.370
64.0	143.210	161.642	199.154	224.730	232.914
64.5	139.254	157.788	195.061	219.785	227.628
65.0	135.401	153.952	190.799	214.670	222.172
65.5	131.462	150.167	186.706	210.237	216.375
66.0	127.523	146.313	182.273	205.121	211.601
66.5	123.550	142.511	178.011	199.665	205.974
67.0	119.612	138.606	173.577	194.379	200.177
67.5	115.792	134.753	168.974	188.582	194.550
68.0	111.836	130.865	164.251	183.126	188.753
68.5	107.881	126.960	159.647	177.670	182.785
69.0	103.993	123.107	154.856	171.872	176.647
69.5	100.157	119.185	150.235	166.297	170.372
70.0	96.405	115.349	145.409	160.431	164.404
70.5	92.637	111.427	140.482	154.480	158.368
71.0	88.801	107.540	135.554	148.683	152.400
71.5	85.152	103.652	130.473	143.005	146.364
72.0	81.384	99.764	125.494	137.242	140.260
72.5	77.735	95.911	120.379	131.394	134.173
73.0	74.188	92.109	115.298	125.528	128.001
73.5	70.607	88.238	110.182	119.577	121.896
74.0	67.078	84.402	105.084	113.610	115.877
74.5	63.651	80.616	99.901	107.846	109.807
75.0	60.155	76.797	94.803	102.117	103.669
75.5	56.728	73.029	89.704	96.354	97.514
76.0	53.352	69.277	84.691	90.523	91.222
76.5	50.027	65.543	79.661	84.657	84.913
77.0	46.856	61.843	74.700	78.758	78.741
77.5	43.667	58.212	69.772	72.978	72.722
78.0	40.598	54.529	64.930	67.248	66.583
78.5	37.546	50.863	60.104	61.571	60.411
79.0	34.562	47.248	55.364	55.876	54.017
79.5	31.715	43.684	50.726	50.112	47.828
80.0	28.986	40.172	46.174	44.383	41.826
80.5	26.326	36.727	41.655	38.774	36.080
81.0	23.786	33.334	37.239	33.403	30.555
81.5	21.331	30.026	32.908	28.287	25.423
82.0	19.029	26.838	28.697	23.479	20.666
82.5	16.846	23.803	24.587	19.097	16.676

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CANDELA TABULATION - (Cont.)

83.0	14.800	20.853	20.649	15.329	13.334
83.5	12.890	18.091	16.931	12.225	10.759
84.0	11.117	15.499	13.538	9.787	8.764
84.5	9.446	13.044	10.554	7.912	7.161
85.0	7.929	10.776	8.116	6.377	5.917
85.5	6.548	8.662	6.189	5.183	4.911
86.0	5.303	6.769	4.723	4.229	4.092
86.5	4.229	5.081	3.632	3.478	3.427
87.0	3.274	3.683	2.813	2.865	2.830
87.5	2.455	2.575	2.234	2.319	2.336
88.0	1.807	1.790	1.739	1.859	1.876
88.5	1.279	1.245	1.347	1.449	1.483
89.0	0.887	0.870	1.006	1.091	1.125
89.5	0.597	0.614	0.733	0.784	0.767
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
PHOTOMETRIC FILENAME : CMR2XG-L17-927-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-L17-927-CA-DIM-UNV (A ONLY).IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	167.08	N.A.	12.20
0-30	356.93	N.A.	26.10
0-40	590.76	N.A.	43.30
0-60	1075.96	N.A.	78.80
0-80	1351.77	N.A.	99.00
0-90	1365.55	N.A.	100.00
10-90	1322.44	N.A.	96.80
20-40	423.68	N.A.	31.00
20-50	674.05	N.A.	49.40
40-70	667.08	N.A.	48.90
60-80	275.80	N.A.	20.20
70-80	93.93	N.A.	6.90
80-90	13.78	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	1365.55	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	43.10
10-20	123.98
20-30	189.85
30-40	233.83
40-50	250.37
50-60	234.83
60-70	181.88
70-80	93.93
80-90	13.78
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-L17-927-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	60	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

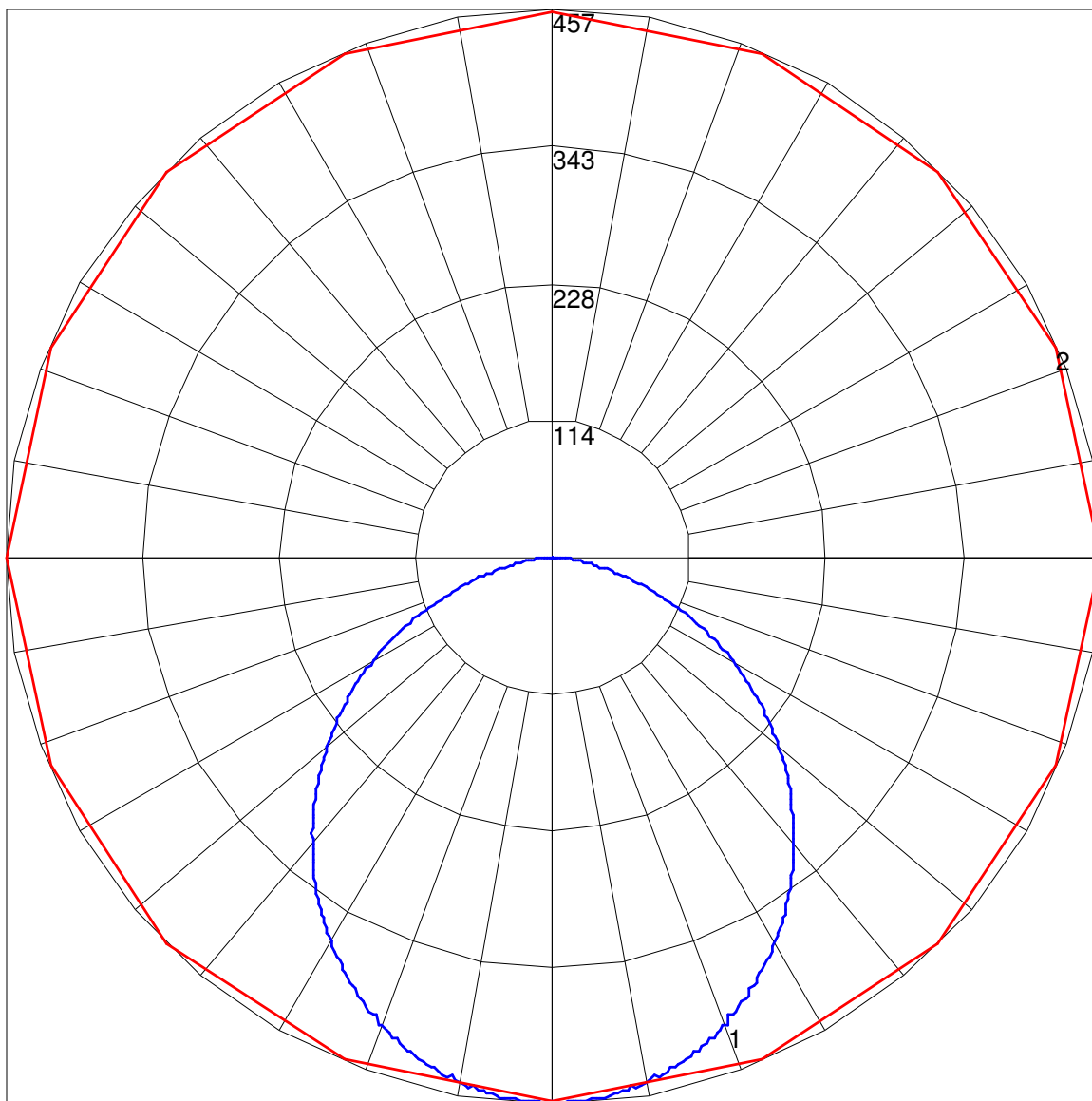
IES INDOOR REPORT
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UGR TABLE - CORRECTED

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	12.9	14.6	13.3	14.9	15.2	15.1	16.8	15.5	17.1	17.4
	3H	14.5	16.0	14.8	16.3	16.6	17.0	18.5	17.4	18.8	19.2
	4H	15.0	16.4	15.3	16.7	17.1	17.6	19.0	18.0	19.3	19.7
	6H	15.2	16.5	15.6	16.9	17.3	17.8	19.1	18.2	19.5	19.9
	8H	15.3	16.5	15.7	16.9	17.3	17.8	19.1	18.3	19.5	19.9
	12H	15.3	16.5	15.7	16.8	17.3	17.8	19.0	18.3	19.4	19.8
4H	2H	13.9	15.3	14.3	15.7	16.1	15.6	17.0	16.0	17.4	17.7
	3H	15.7	16.9	16.1	17.3	17.7	17.7	18.9	18.1	19.3	19.7
	4H	16.3	17.3	16.7	17.8	18.2	18.4	19.5	18.8	19.9	20.3
	6H	16.6	17.6	17.1	18.0	18.5	18.8	19.7	19.2	20.1	20.6
	8H	16.7	17.6	17.1	18.0	18.5	18.8	19.7	19.2	20.1	20.6
	12H	16.7	17.5	17.2	18.0	18.4	18.8	19.6	19.3	20.0	20.5
8H	4H	16.7	17.6	17.2	18.0	18.5	18.6	19.5	19.1	19.9	20.4
	6H	17.2	17.9	17.6	18.4	18.8	19.0	19.7	19.5	20.2	20.7
	8H	17.3	17.9	17.8	18.4	18.9	19.1	19.7	19.6	20.2	20.7
	12H	17.3	17.9	17.8	18.4	18.9	19.1	19.6	19.6	20.1	20.7
12H	4H	16.7	17.5	17.2	18.0	18.5	18.6	19.4	19.1	19.9	20.3
	6H	17.2	17.9	17.7	18.3	18.9	19.0	19.7	19.6	20.1	20.7
	8H	17.3	17.9	17.9	18.4	19.0	19.1	19.7	19.6	20.1	20.7

Maximum UGR = 20.7

POLAR GRAPH



Maximum Candela = 456.791 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.)