

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2XG-L17-950-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-L17-950-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	1519
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
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	1551	1794	2039
55	1437	1806	2127
65	1252	1764	2054
75	908	1431	1565
85	355	364	265

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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	506.473	506.473	506.473	506.473	506.473
0.5	506.284	506.094	506.663	507.612	504.007
1.0	508.181	505.335	507.042	506.473	506.284
1.5	506.663	504.576	506.663	506.094	504.576
2.0	506.284	504.007	504.956	508.181	506.094
2.5	506.473	503.628	504.956	507.422	503.438
3.0	505.904	504.576	505.715	506.284	504.956
3.5	506.473	504.766	503.818	506.284	505.715
4.0	504.007	503.059	505.525	505.715	504.956
4.5	504.387	503.249	503.438	505.335	502.869
5.0	504.576	503.628	504.007	503.818	504.956
5.5	504.766	502.490	503.628	506.473	504.766
6.0	503.438	502.680	502.490	504.766	504.197
6.5	501.541	501.352	503.438	505.146	504.007
7.0	502.490	501.162	502.680	505.146	501.352
7.5	500.972	500.024	501.162	503.628	502.110
8.0	500.593	498.886	501.731	503.438	501.921
8.5	497.748	498.506	500.593	501.731	501.541
9.0	498.696	498.127	500.593	501.921	501.731
9.5	498.696	497.179	498.696	502.680	500.783
10.0	496.420	496.609	497.937	500.403	501.921
10.5	493.764	495.661	498.127	499.834	499.455
11.0	489.970	493.195	495.851	499.455	501.162
11.5	492.626	492.816	494.713	499.265	498.696
12.0	491.867	491.488	494.333	499.075	497.937
12.5	491.298	489.970	494.333	497.748	496.609
13.0	486.935	488.832	492.247	497.748	497.937
13.5	486.366	487.694	492.247	495.471	499.455
14.0	485.228	487.504	491.488	494.333	498.127
14.5	484.849	485.607	489.022	494.902	495.092
15.0	482.003	483.141	488.263	493.574	495.282
15.5	482.193	480.675	486.746	492.626	491.678
16.0	478.779	479.348	486.556	492.247	495.851
16.5	478.589	478.020	484.849	491.678	492.816
17.0	476.502	476.502	483.711	489.591	493.385
17.5	474.226	474.605	482.003	488.642	491.678
18.0	470.432	472.519	480.865	488.642	490.160
18.5	470.812	472.519	479.917	486.935	487.125
19.0	467.777	468.156	476.882	486.556	487.504
19.5	466.449	467.587	476.502	485.418	486.366
20.0	462.655	466.069	474.036	484.659	484.280
20.5	463.224	463.414	473.657	483.521	484.280
21.0	456.016	461.327	471.001	483.521	484.280
21.5	456.205	459.999	469.863	480.865	482.572
22.0	455.636	457.533	467.587	479.537	482.952
22.5	452.981	455.257	466.069	478.589	479.537
23.0	449.187	453.550	466.259	478.209	481.245
23.5	448.428	451.463	463.034	476.502	480.486
24.0	445.772	448.807	462.086	474.416	478.968
24.5	441.599	446.721	459.999	473.467	476.313
25.0	439.702	444.255	458.102	471.001	475.364
25.5	437.616	441.979	456.016	470.812	474.036
26.0	434.770	439.513	453.929	469.673	474.036
26.5	431.735	437.047	451.463	467.397	471.760

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27.0	430.028	434.960	451.463	465.880	470.432
27.5	426.803	431.925	447.859	465.121	471.570
28.0	423.010	429.080	444.255	463.793	467.207
28.5	421.492	426.803	444.065	462.086	466.449
29.0	418.457	424.717	440.840	461.137	467.207
29.5	415.991	421.871	439.513	457.913	463.793
30.0	412.956	418.647	437.616	457.913	464.552
30.5	409.542	416.939	436.098	455.826	463.603
31.0	407.645	413.525	433.822	454.308	460.189
31.5	403.851	411.059	430.597	452.791	460.189
32.0	401.764	408.403	428.321	451.084	459.240
32.5	397.591	405.558	426.045	450.135	457.913
33.0	395.694	402.523	424.906	447.859	455.447
33.5	392.090	399.488	421.302	444.824	453.360
34.0	388.676	396.453	419.785	445.393	452.412
34.5	385.641	393.608	417.129	442.168	451.084
35.0	382.226	390.573	415.043	441.220	450.515
35.5	379.381	386.968	412.577	438.564	447.480
36.0	375.966	384.502	410.300	436.857	447.100
36.5	372.552	381.467	407.834	435.150	444.065
37.0	369.327	378.622	404.989	432.494	442.358
37.5	365.533	375.208	402.523	431.546	442.927
38.0	361.360	372.362	400.436	428.511	439.513
38.5	359.274	368.948	397.591	427.562	438.185
39.0	355.290	366.102	394.746	424.717	436.288
39.5	351.496	362.119	392.280	423.389	434.581
40.0	348.272	359.463	389.624	421.113	432.684
40.5	344.667	355.859	386.589	418.267	431.166
41.0	341.443	353.014	384.123	416.181	427.562
41.5	337.649	349.789	381.467	414.094	425.096
42.0	333.665	346.375	378.432	410.869	423.010
42.5	330.251	342.771	375.397	408.593	420.544
43.0	326.457	339.735	372.931	406.507	419.785
43.5	323.043	335.942	369.517	403.851	417.698
44.0	319.439	332.717	366.861	401.005	414.853
44.5	315.835	329.303	364.206	399.109	413.335
45.0	312.230	325.888	361.171	396.263	410.680
45.5	308.437	322.094	358.325	394.366	407.265
46.0	304.263	318.870	355.100	391.521	405.368
46.5	300.470	315.076	352.255	388.296	402.713
47.0	297.624	311.472	349.220	385.641	399.867
47.5	293.072	307.678	345.995	382.985	397.591
48.0	289.847	304.263	342.581	379.950	394.177
48.5	286.053	300.849	339.356	376.535	390.952
49.0	282.259	297.245	336.700	374.449	388.107
49.5	277.517	293.451	333.286	370.655	386.020
50.0	274.292	290.226	330.251	367.810	382.606
50.5	270.119	286.243	326.647	364.964	379.381
51.0	266.136	282.449	323.232	361.171	375.777
51.5	261.962	278.845	319.818	357.377	372.552
52.0	258.358	274.861	316.214	355.100	369.138
52.5	254.565	271.068	312.799	351.686	365.723
53.0	250.012	267.274	309.385	347.133	362.119
53.5	246.218	263.670	305.971	344.288	359.274
54.0	242.235	259.876	302.366	340.305	354.911
54.5	237.872	256.082	298.383	336.700	351.307

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55.0	234.647	251.909	294.969	332.338	347.513
55.5	230.664	248.115	290.985	328.733	343.529
56.0	226.680	244.321	287.381	325.129	339.735
56.5	222.507	240.717	283.397	320.956	335.942
57.0	218.334	236.923	279.604	316.973	331.389
57.5	214.350	233.129	275.810	312.610	326.647
58.0	210.177	229.336	271.637	308.437	321.715
58.5	205.814	225.352	267.843	304.453	317.162
59.0	201.831	221.369	264.049	299.901	312.610
59.5	197.657	217.196	260.066	295.538	308.057
60.0	193.484	213.212	255.703	290.985	302.936
60.5	189.311	209.039	251.529	286.053	298.004
61.0	185.043	204.866	247.356	280.931	292.882
61.5	180.813	200.882	242.804	276.189	287.760
62.0	176.564	196.709	238.820	271.257	281.880
62.5	172.258	192.346	234.837	265.946	276.000
63.0	168.047	188.325	230.664	261.014	270.499
63.5	163.684	184.057	226.301	255.513	265.187
64.0	159.321	179.826	221.558	250.012	259.117
64.5	154.920	175.539	217.006	244.511	253.237
65.0	150.633	171.271	212.264	238.820	247.167
65.5	146.251	167.060	207.711	233.888	240.717
66.0	141.869	162.773	202.779	228.198	235.406
66.5	137.450	158.543	198.037	222.127	229.146
67.0	133.068	154.199	193.105	216.247	222.697
67.5	128.819	149.912	187.983	209.798	216.437
68.0	124.418	145.587	182.729	203.727	209.987
68.5	120.017	141.243	177.607	197.657	203.348
69.0	115.692	136.956	172.277	191.208	196.519
69.5	111.424	132.594	167.136	185.005	189.539
70.0	107.251	128.326	161.768	178.480	182.899
70.5	103.059	123.963	156.286	171.859	176.184
71.0	98.791	119.638	150.804	165.410	169.545
71.5	94.731	115.313	145.151	159.093	162.830
72.0	90.539	110.988	139.612	152.682	156.039
72.5	86.480	106.701	133.921	146.175	149.267
73.0	82.534	102.471	128.269	139.650	142.401
73.5	78.551	98.165	122.578	133.030	135.610
74.0	74.624	93.897	116.906	126.391	128.914
74.5	70.811	89.686	111.140	119.979	122.161
75.0	66.923	85.437	105.468	113.606	115.332
75.5	63.110	81.244	99.796	107.194	108.484
76.0	59.354	77.071	94.219	100.707	101.484
76.5	55.655	72.917	88.623	94.181	94.466
77.0	52.127	68.801	83.103	87.618	87.599
77.5	48.580	64.760	77.621	81.187	80.903
78.0	45.165	60.663	72.234	74.814	74.074
78.5	41.770	56.585	66.866	68.497	67.207
79.0	38.450	52.563	61.592	62.162	60.094
79.5	35.282	48.599	56.433	55.750	53.208
80.0	32.247	44.691	51.368	49.376	46.531
80.5	29.288	40.859	46.341	43.136	40.138
81.0	26.462	37.084	41.428	37.160	33.993
81.5	23.730	33.404	36.610	31.470	28.283
82.0	21.169	29.857	31.925	26.120	22.990
82.5	18.741	26.481	27.353	21.245	18.552

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CANDELA TABULATION - (Cont.)

83.0	16.465	23.199	22.972	17.053	14.834
83.5	14.341	20.126	18.836	13.601	11.969
84.0	12.368	17.243	15.061	10.888	9.750
84.5	10.509	14.511	11.742	8.802	7.967
85.0	8.821	11.988	9.029	7.094	6.582
85.5	7.284	9.636	6.886	5.767	5.463
86.0	5.899	7.531	5.254	4.704	4.553
86.5	4.704	5.653	4.040	3.870	3.813
87.0	3.642	4.097	3.130	3.187	3.149
87.5	2.732	2.864	2.485	2.580	2.599
88.0	2.011	1.992	1.935	2.068	2.087
88.5	1.423	1.385	1.499	1.612	1.650
89.0	0.986	0.967	1.119	1.214	1.252
89.5	0.664	0.683	0.816	0.873	0.854
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-L17-950-CA-DIM-UNV (A ONLY).IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	185.88	N.A.	12.20
0-30	397.09	N.A.	26.10
0-40	657.22	N.A.	43.30
0-60	1197.01	N.A.	78.80
0-80	1503.84	N.A.	99.00
0-90	1519.17	N.A.	100.00
10-90	1471.22	N.A.	96.80
20-40	471.34	N.A.	31.00
20-50	749.88	N.A.	49.40
40-70	742.13	N.A.	48.90
60-80	306.83	N.A.	20.20
70-80	104.49	N.A.	6.90
80-90	15.33	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	1519.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	47.95
10-20	137.93
20-30	211.21
30-40	260.13
40-50	278.54
50-60	261.25
60-70	202.34
70-80	104.49
80-90	15.33
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-L17-950-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	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

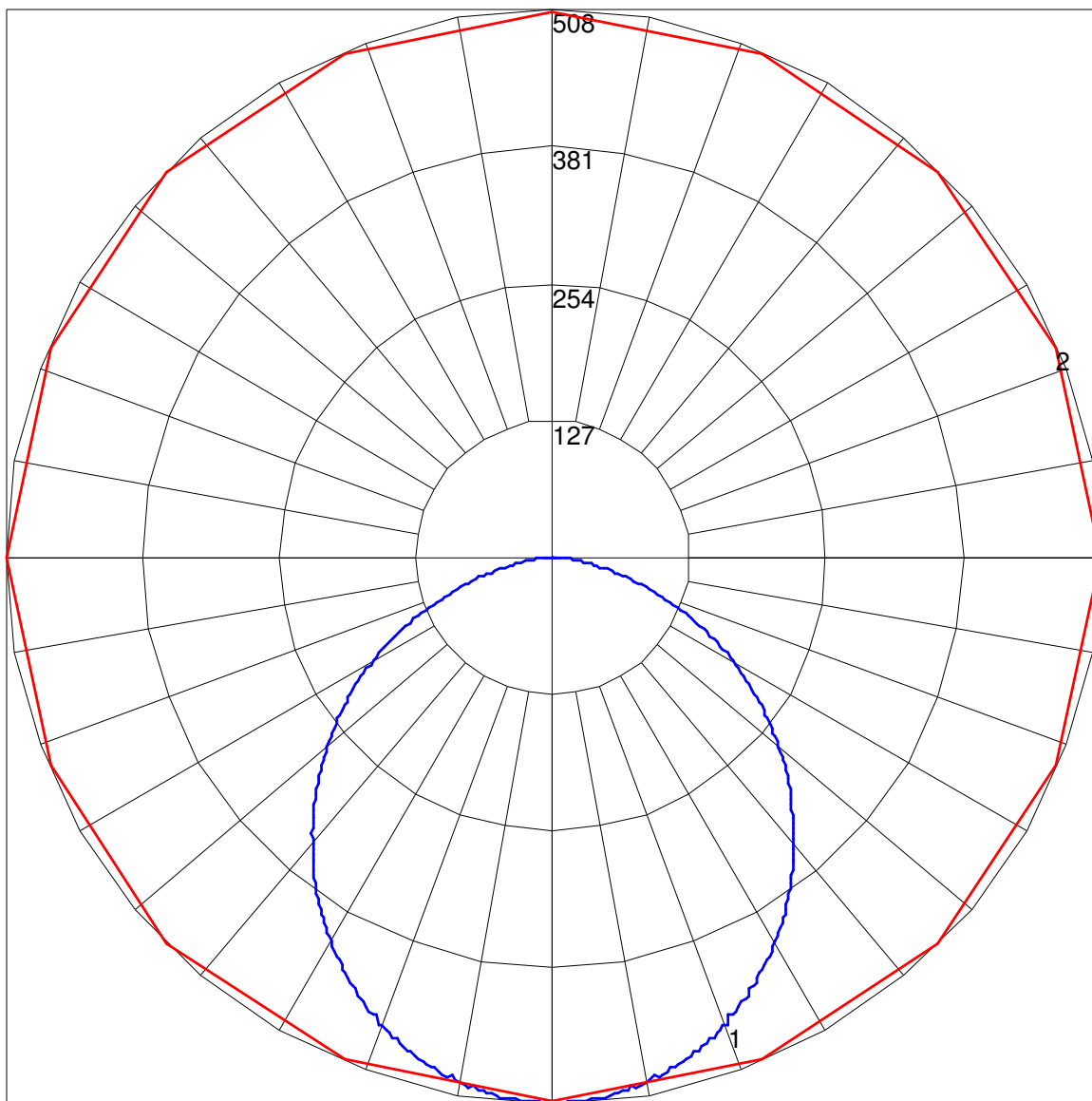
IES INDOOR REPORT
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UGR TABLE - CORRECTED

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	13.3	15.0	13.7	15.3	15.6	15.5	17.2	15.9	17.5	17.8
	3H	14.9	16.4	15.2	16.7	17.0	17.4	18.9	17.8	19.2	19.6
	4H	15.4	16.8	15.7	17.1	17.5	18.0	19.4	18.4	19.7	20.1
	6H	15.6	16.9	16.0	17.3	17.7	18.2	19.5	18.6	19.9	20.3
	8H	15.7	16.9	16.1	17.3	17.7	18.2	19.5	18.7	19.9	20.3
	12H	15.7	16.9	16.1	17.2	17.7	18.2	19.4	18.7	19.8	20.2
4H	2H	14.3	15.7	14.7	16.1	16.4	16.0	17.4	16.4	17.8	18.1
	3H	16.1	17.3	16.5	17.7	18.1	18.1	19.3	18.5	19.7	20.1
	4H	16.7	17.7	17.1	18.1	18.6	18.8	19.9	19.2	20.3	20.7
	6H	17.0	18.0	17.5	18.4	18.9	19.2	20.1	19.6	20.5	21.0
	8H	17.1	18.0	17.5	18.4	18.9	19.2	20.1	19.6	20.5	21.0
	12H	17.1	17.9	17.6	18.4	18.8	19.2	20.0	19.7	20.4	20.9
8H	4H	17.1	18.0	17.6	18.4	18.9	19.0	19.9	19.5	20.3	20.8
	6H	17.6	18.3	18.0	18.8	19.2	19.4	20.1	19.9	20.6	21.1
	8H	17.7	18.3	18.2	18.8	19.3	19.5	20.1	20.0	20.6	21.1
	12H	17.7	18.3	18.2	18.8	19.3	19.5	20.0	20.0	20.5	21.1
12H	4H	17.1	17.9	17.6	18.4	18.9	19.0	19.8	19.5	20.3	20.7
	6H	17.6	18.3	18.1	18.7	19.3	19.4	20.1	20.0	20.5	21.1
	8H	17.7	18.3	18.2	18.8	19.4	19.5	20.1	20.0	20.5	21.1

Maximum UGR = 21.1

POLAR GRAPH



Maximum Candela = 508.181 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.)