



IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR2XG-L33-835-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] 7/06/2026
[TEST DATE] 3/17/2026
[MANUFAC] H E Williams Inc
[LUMCAT] CMR2xG-L33/835-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	3309
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	25.3
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	3377	3907	4442
55	3129	3934	4634
65	2726	3842	4473
75	1978	3117	3408
85	774	792	578

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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	1103.244	1103.244	1103.244	1103.244	1103.244
0.5	1102.831	1102.418	1103.657	1105.723	1097.872
1.0	1106.963	1100.765	1104.484	1103.244	1102.831
1.5	1103.657	1099.112	1103.657	1102.418	1099.112
2.0	1102.831	1097.872	1099.938	1106.963	1102.418
2.5	1103.244	1097.046	1099.938	1105.310	1096.633
3.0	1102.004	1099.112	1101.591	1102.831	1099.938
3.5	1103.244	1099.525	1097.459	1102.831	1101.591
4.0	1097.872	1095.806	1101.178	1101.591	1099.938
4.5	1098.699	1096.220	1096.633	1100.765	1095.393
5.0	1099.112	1097.046	1097.872	1097.459	1099.938
5.5	1099.525	1094.567	1097.046	1103.244	1099.525
6.0	1096.633	1094.980	1094.567	1099.525	1098.286
6.5	1092.501	1092.088	1096.633	1100.352	1097.872
7.0	1094.567	1091.674	1094.980	1100.352	1092.088
7.5	1091.261	1089.195	1091.674	1097.046	1093.740
8.0	1090.435	1086.716	1092.914	1096.633	1093.327
8.5	1084.237	1085.890	1090.435	1092.914	1092.501
9.0	1086.303	1085.063	1090.435	1093.327	1092.914
9.5	1086.303	1082.997	1086.303	1094.980	1090.848
10.0	1081.344	1081.758	1084.650	1090.022	1093.327
10.5	1075.560	1079.692	1085.063	1088.782	1087.956
11.0	1067.296	1074.320	1080.105	1087.956	1091.674
11.5	1073.080	1073.494	1077.626	1087.542	1086.303
12.0	1071.428	1070.601	1076.799	1087.129	1084.650
12.5	1070.188	1067.296	1076.799	1084.237	1081.758
13.0	1060.684	1064.816	1072.254	1084.237	1084.650
13.5	1059.445	1062.337	1072.254	1079.278	1087.956
14.0	1056.966	1061.924	1070.601	1076.799	1085.063
14.5	1056.139	1057.792	1065.230	1078.039	1078.452
15.0	1049.941	1052.420	1063.577	1075.146	1078.865
15.5	1050.354	1047.049	1060.271	1073.080	1071.014
16.0	1042.917	1044.156	1059.858	1072.254	1080.105
16.5	1042.504	1041.264	1056.139	1071.014	1073.494
17.0	1037.958	1037.958	1053.660	1066.469	1074.733
17.5	1033.000	1033.826	1049.941	1064.403	1071.014
18.0	1024.736	1029.281	1047.462	1064.403	1067.709
18.5	1025.562	1029.281	1045.396	1060.684	1061.098
19.0	1018.951	1019.778	1038.785	1059.858	1061.924
19.5	1016.059	1018.538	1037.958	1057.379	1059.445
20.0	1007.795	1015.232	1032.587	1055.726	1054.900
20.5	1009.034	1009.448	1031.760	1053.247	1054.900
21.0	993.333	1004.902	1025.976	1053.247	1054.900
21.5	993.746	1002.010	1023.496	1047.462	1051.181
22.0	992.506	996.638	1018.538	1044.570	1052.007
22.5	986.722	991.680	1015.232	1042.504	1044.570
23.0	978.458	987.961	1015.646	1041.677	1048.288
23.5	976.805	983.416	1008.621	1037.958	1046.636
24.0	971.020	977.631	1006.555	1033.413	1043.330
24.5	961.930	973.086	1002.010	1031.347	1037.545
25.0	957.798	967.714	997.878	1025.976	1035.479
25.5	953.252	962.756	993.333	1025.562	1032.587
26.0	947.054	957.384	988.788	1023.083	1032.587
26.5	940.443	952.013	983.416	1018.125	1027.628

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27.0	936.724	947.468	983.416	1014.819	1024.736
27.5	929.700	940.856	975.565	1013.166	1027.215
28.0	921.436	934.658	967.714	1010.274	1017.712
28.5	918.130	929.700	967.301	1006.555	1016.059
29.0	911.519	925.155	960.277	1004.489	1017.712
29.5	906.148	918.957	957.384	997.465	1010.274
30.0	899.536	911.932	953.252	997.465	1011.927
30.5	892.099	908.214	949.947	992.920	1009.861
31.0	887.967	900.776	944.988	989.614	1002.423
31.5	879.703	895.404	937.964	986.308	1002.423
32.0	875.158	889.620	933.006	982.590	1000.357
32.5	866.067	883.422	928.047	980.524	997.465
33.0	861.935	876.810	925.568	975.565	992.093
33.5	854.084	870.199	917.717	968.954	987.548
34.0	846.647	863.588	914.412	970.194	985.482
34.5	840.036	857.390	908.627	963.169	982.590
35.0	832.598	850.779	904.082	961.103	981.350
35.5	826.400	842.928	898.710	955.318	974.739
36.0	818.962	837.556	893.752	951.600	973.912
36.5	811.525	830.945	888.380	947.881	967.301
37.0	804.500	824.747	882.182	942.096	963.582
37.5	796.236	817.310	876.810	940.030	964.822
38.0	787.146	811.112	872.265	933.419	957.384
38.5	782.601	803.674	866.067	931.353	954.492
39.0	773.924	797.476	859.869	925.155	950.360
39.5	765.660	788.799	854.498	922.262	946.641
40.0	758.635	783.014	848.713	917.304	942.509
40.5	750.784	775.163	842.102	911.106	939.204
41.0	743.760	768.965	836.730	906.561	931.353
41.5	735.496	761.941	830.945	902.016	925.981
42.0	726.819	754.503	824.334	894.991	921.436
42.5	719.381	746.652	817.723	890.033	916.064
43.0	711.117	740.041	812.351	885.488	914.412
43.5	703.680	731.777	804.914	879.703	909.866
44.0	695.829	724.753	799.129	873.505	903.668
44.5	687.978	717.315	793.344	869.373	900.363
45.0	680.127	709.878	786.733	863.175	894.578
45.5	671.863	701.614	780.535	859.043	887.140
46.0	662.773	694.589	773.510	852.845	883.008
46.5	654.509	686.325	767.312	845.820	877.224
47.0	648.311	678.474	760.701	840.036	871.026
47.5	638.394	670.210	753.677	834.251	866.067
48.0	631.370	662.773	746.239	827.640	858.630
48.5	623.106	655.335	739.215	820.202	851.605
49.0	614.842	647.484	733.430	815.657	845.407
49.5	604.512	639.220	725.992	807.393	840.862
50.0	597.487	632.196	719.381	801.195	833.424
50.5	588.397	623.519	711.530	794.997	826.400
51.0	579.720	615.255	704.093	786.733	818.549
51.5	570.629	607.404	696.655	778.469	811.525
52.0	562.778	598.727	688.804	773.510	804.087
52.5	554.514	590.463	681.367	766.073	796.650
53.0	544.598	582.199	673.929	756.156	788.799
53.5	536.334	574.348	666.492	749.958	782.601
54.0	527.656	566.084	658.641	741.281	773.097
54.5	518.153	557.820	649.964	733.430	765.246

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55.0	511.128	548.730	642.526	723.926	756.982
55.5	502.451	540.466	633.849	716.076	748.305
56.0	493.774	532.202	625.998	708.225	740.041
56.5	484.684	524.351	617.321	699.134	731.777
57.0	475.593	516.087	609.057	690.457	721.860
57.5	466.916	507.823	600.793	680.954	711.530
58.0	457.826	499.559	591.702	671.863	700.787
58.5	448.322	490.882	583.438	663.186	690.870
59.0	439.645	482.204	575.174	653.269	680.954
59.5	430.554	473.114	566.497	643.766	671.037
60.0	421.464	464.437	556.994	633.849	659.880
60.5	412.374	455.346	547.903	623.106	649.137
61.0	403.077	446.256	538.813	611.949	637.981
61.5	393.862	437.579	528.896	601.619	626.824
62.0	384.607	428.488	520.219	590.876	614.015
62.5	375.227	418.985	511.542	579.306	601.206
63.0	366.054	410.225	502.451	568.563	589.223
63.5	356.550	400.928	492.948	556.580	577.654
64.0	347.047	391.714	482.618	544.598	564.431
64.5	337.460	382.375	472.701	532.615	551.622
65.0	328.122	373.078	462.371	520.219	538.400
65.5	318.577	363.905	452.454	509.476	524.351
66.0	309.032	354.567	441.711	497.080	512.781
66.5	299.405	345.353	431.381	483.857	499.146
67.0	289.860	335.890	420.638	471.048	485.097
67.5	280.604	326.552	409.481	456.999	471.461
68.0	271.018	317.131	398.036	443.777	457.412
68.5	261.432	307.669	386.879	430.554	442.950
69.0	252.011	298.330	375.268	416.506	428.075
69.5	242.714	288.827	364.071	402.994	412.869
70.0	233.623	279.530	352.377	388.780	398.407
70.5	224.492	270.026	340.435	374.359	383.780
71.0	215.195	260.605	328.494	360.310	369.318
71.5	206.352	251.184	316.181	346.551	354.691
72.0	197.220	241.763	304.115	332.585	339.898
72.5	188.378	232.425	291.719	318.412	325.147
73.0	179.783	223.211	279.406	304.198	310.189
73.5	171.106	213.831	267.010	289.777	295.397
74.0	162.553	204.534	254.655	275.315	280.811
74.5	154.248	195.361	242.094	261.349	266.101
75.0	145.777	186.105	229.739	247.465	251.226
75.5	137.472	176.974	217.385	233.499	236.309
76.0	129.290	167.883	205.236	219.368	221.062
76.5	121.233	158.834	193.047	205.154	205.774
77.0	113.547	149.868	181.023	190.857	190.816
77.5	105.821	141.066	169.081	176.850	176.230
78.0	98.383	132.141	157.347	162.966	161.355
78.5	90.987	123.258	145.653	149.207	146.397
79.0	83.756	114.498	134.166	135.406	130.902
79.5	76.855	105.862	122.927	121.439	115.903
80.0	70.244	97.350	111.895	107.556	101.358
80.5	63.798	89.003	100.945	93.962	87.433
81.0	57.641	80.781	90.243	80.946	74.045
81.5	51.691	72.765	79.748	68.550	61.608
82.0	46.113	65.038	69.542	56.898	50.080
82.5	40.824	57.683	59.583	46.278	40.411

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83.0	35.866	50.534	50.039	37.147	32.312
83.5	31.238	43.841	41.031	29.626	26.073
84.0	26.941	37.560	32.808	23.718	21.238
84.5	22.891	31.610	25.577	19.172	17.354
85.0	19.214	26.114	19.668	15.454	14.338
85.5	15.867	20.991	14.999	12.561	11.900
86.0	12.851	16.404	11.446	10.247	9.917
86.5	10.247	12.313	8.801	8.429	8.305
87.0	7.933	8.925	6.818	6.942	6.859
87.5	5.950	6.239	5.413	5.620	5.661
88.0	4.380	4.339	4.215	4.504	4.545
88.5	3.099	3.016	3.264	3.512	3.595
89.0	2.149	2.107	2.438	2.644	2.727
89.5	1.446	1.488	1.777	1.901	1.859
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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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-L33-835-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-L33-835-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-L33-835-CA-DIM-UNV (AMBIENT ONLY)_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	404.90	N.A.	12.20
0-30	864.97	N.A.	26.10
0-40	1431.62	N.A.	43.30
0-60	2607.43	N.A.	78.80
0-80	3275.8	N.A.	99.00
0-90	3309.19	N.A.	100.00
10-90	3204.74	N.A.	96.80
20-40	1026.72	N.A.	31.00
20-50	1633.46	N.A.	49.40
40-70	1616.56	N.A.	48.90
60-80	668.37	N.A.	20.20
70-80	227.62	N.A.	6.90
80-90	33.39	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	3309.19	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	104.45
10-20	300.45
20-30	460.07
30-40	566.65
40-50	606.74
50-60	569.07
60-70	440.75
70-80	227.62
80-90	33.39
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-L33-835-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	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	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-L33-835-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	16.0	17.7	16.4	18.0	18.3	18.2	19.9	18.6	20.2	20.5
	3H	17.6	19.1	17.9	19.4	19.7	20.1	21.6	20.5	21.9	22.3
	4H	18.1	19.5	18.4	19.8	20.2	20.7	22.1	21.1	22.4	22.8
	6H	18.3	19.6	18.7	20.0	20.4	20.9	22.2	21.3	22.6	23.0
	8H	18.4	19.6	18.8	20.0	20.4	20.9	22.2	21.4	22.6	23.0
	12H	18.4	19.6	18.8	19.9	20.4	20.9	22.1	21.4	22.5	22.9

UGR Viewed Endwise

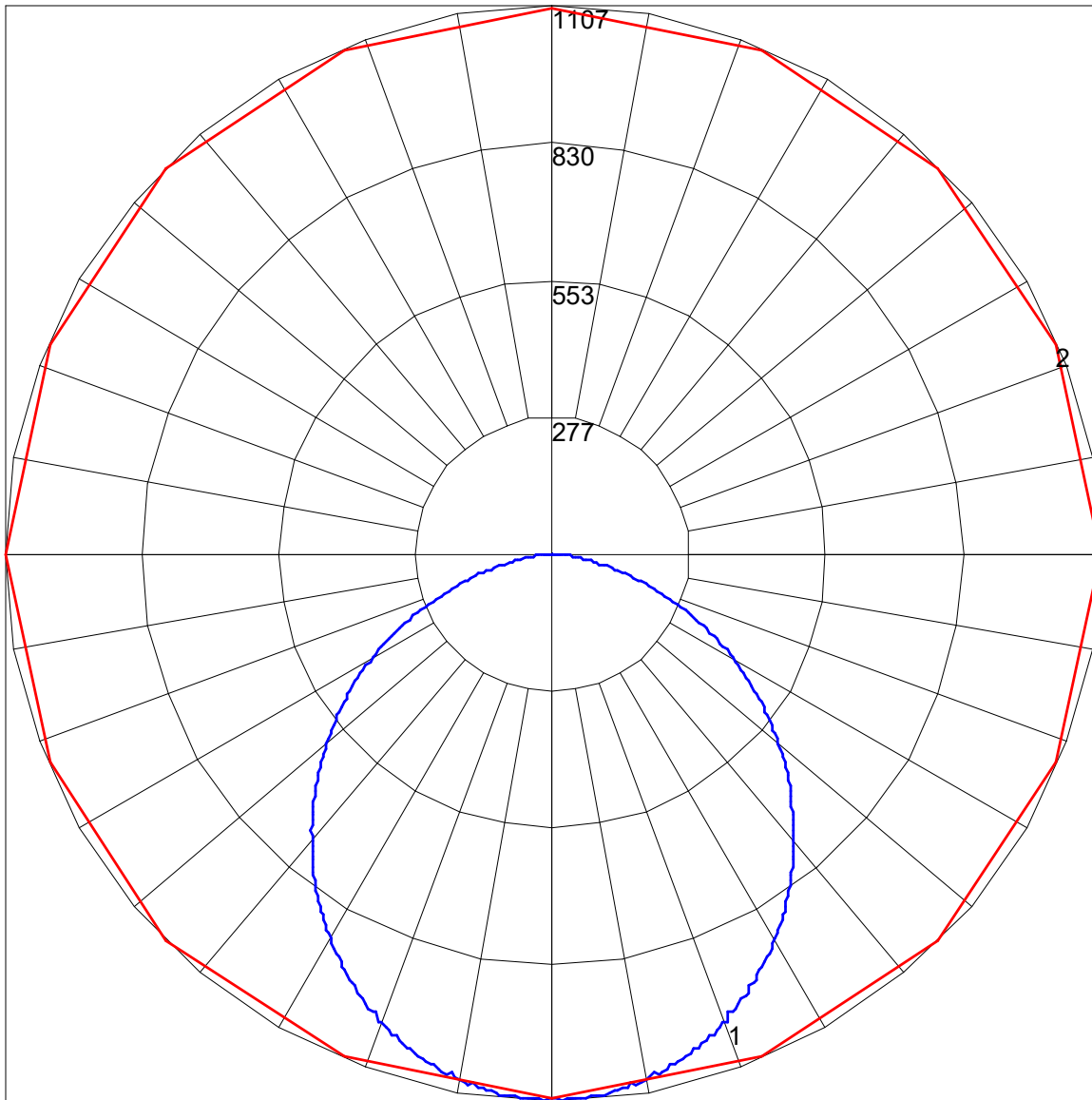
4H	2H	17.0	18.4	17.4	18.8	19.1	18.7	20.1	19.1	20.5	20.8
	3H	18.8	20.0	19.2	20.4	20.8	20.8	22.0	21.2	22.4	22.8
	4H	19.4	20.4	19.8	20.9	21.3	21.5	22.6	21.9	23.0	23.4
	6H	19.7	20.7	20.2	21.1	21.6	21.9	22.8	22.3	23.2	23.7
	8H	19.8	20.7	20.2	21.1	21.6	21.9	22.8	22.3	23.2	23.7
	12H	19.8	20.6	20.3	21.1	21.5	21.9	22.7	22.4	23.1	23.6

8H	4H	19.8	20.7	20.3	21.1	21.6	21.7	22.6	22.2	23.0	23.5
	6H	20.3	21.0	20.7	21.5	21.9	22.1	22.8	22.6	23.3	23.8
	8H	20.4	21.0	20.9	21.5	22.0	22.2	22.8	22.7	23.3	23.8
	12H	20.4	21.0	20.9	21.5	22.0	22.2	22.7	22.7	23.2	23.8

12H	4H	19.8	20.6	20.3	21.1	21.6	21.7	22.5	22.2	23.0	23.4
	6H	20.3	21.0	20.8	21.4	22.0	22.1	22.8	22.7	23.2	23.8
	8H	20.4	21.0	20.9	21.5	22.1	22.2	22.8	22.7	23.2	23.8

Maximum UGR = 23.8

POLAR GRAPH



Maximum Candela = 1106.963 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.)