



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2RX-8-00-L10-835-F-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN from UL 13012869.02
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 11/21/2019
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] MX2Rx-8-00-L10-835-F-DIM-UNV
 [LUMINAIRE] Formed White aluminum housing, frosted plastic lens
 [LAMP] 144 White LEDs
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10118
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	80.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	27666	25672	23860
55	24753	22753	20907
65	21827	19973	18376
75	18113	16941	15799
85	13338	14353	14324

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-L10-835-F-DIM-UNV_.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	4379.833	4379.833	4379.833	4379.833	4379.833
0.5	4373.553	4408.090	4373.553	4370.414	4364.134
1.0	4373.553	4408.090	4370.414	4370.414	4364.134
1.5	4373.553	4404.950	4370.414	4370.414	4360.995
2.0	4373.553	4404.950	4367.274	4367.274	4364.134
2.5	4370.414	4401.810	4364.134	4367.274	4360.995
3.0	4364.134	4398.671	4360.995	4364.134	4357.855
3.5	4364.134	4395.531	4357.855	4364.134	4354.715
4.0	4357.855	4392.391	4351.576	4357.855	4348.436
4.5	4354.715	4386.112	4348.436	4354.715	4342.157
5.0	4351.576	4379.833	4342.157	4348.436	4339.017
5.5	4345.296	4376.693	4335.877	4342.157	4332.738
6.0	4339.017	4370.414	4329.598	4335.877	4323.319
6.5	4332.738	4364.134	4323.319	4326.458	4317.039
7.0	4326.458	4354.715	4317.039	4320.179	4310.760
7.5	4317.039	4348.436	4307.620	4307.620	4301.341
8.0	4310.760	4339.017	4301.341	4298.201	4291.922
8.5	4301.341	4332.738	4291.922	4285.643	4279.363
9.0	4295.062	4323.319	4282.503	4276.224	4266.805
9.5	4285.643	4313.900	4273.084	4260.525	4254.246
10.0	4276.224	4301.341	4260.525	4247.967	4238.548
10.5	4266.805	4291.922	4251.106	4235.408	4222.849
11.0	4254.246	4282.503	4238.548	4219.710	4207.151
11.5	4241.687	4269.944	4225.989	4207.151	4188.313
12.0	4232.268	4257.386	4213.430	4188.313	4172.615
12.5	4219.710	4244.827	4197.732	4172.615	4150.637
13.0	4204.011	4232.268	4182.034	4153.777	4131.799
13.5	4194.592	4219.710	4163.196	4134.939	4112.961
14.0	4178.894	4204.011	4150.637	4116.101	4094.123
14.5	4163.196	4191.453	4131.799	4097.263	4072.145
15.0	4150.637	4172.615	4112.961	4075.285	4053.307
15.5	4134.939	4156.916	4094.123	4056.447	4031.330
16.0	4122.380	4141.218	4075.285	4034.469	4006.212
16.5	4106.682	4125.520	4056.447	4012.492	3984.235
17.0	4094.123	4109.821	4034.469	3990.514	3962.257
17.5	4075.285	4094.123	4012.492	3965.397	3937.140
18.0	4053.307	4078.425	3990.514	3940.279	3912.022
18.5	4034.469	4056.447	3968.536	3918.302	3886.905
19.0	4015.631	4037.609	3946.559	3893.184	3861.788
19.5	3993.654	4015.631	3921.441	3868.067	3833.531
20.0	3974.816	3993.654	3896.324	3839.810	3808.414
20.5	3952.838	3971.676	3874.346	3814.693	3780.157
21.0	3934.000	3949.698	3849.229	3786.436	3751.900
21.5	3915.162	3924.581	3824.112	3758.179	3723.643
22.0	3890.045	3902.603	3802.134	3726.782	3692.246
22.5	3868.067	3880.626	3773.877	3698.525	3660.849
23.0	3846.089	3855.508	3748.760	3667.129	3629.453
23.5	3824.112	3830.391	3723.643	3635.732	3594.916
24.0	3798.995	3808.414	3695.386	3604.335	3563.520
24.5	3773.877	3783.296	3667.129	3572.939	3532.123
25.0	3748.760	3758.179	3638.872	3541.542	3500.726
25.5	3723.643	3729.922	3607.475	3510.145	3469.330
26.0	3695.386	3704.805	3576.078	3478.749	3434.793
26.5	3670.268	3676.548	3547.821	3444.212	3403.397

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-L10-835-F-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	3642.011	3648.291	3516.425	3412.816	3368.860
27.5	3613.754	3620.034	3485.028	3381.419	3337.464
28.0	3582.358	3591.777	3456.771	3350.022	3306.067
28.5	3554.101	3560.380	3422.235	3315.486	3271.531
29.0	3522.704	3528.983	3390.838	3284.089	3240.134
29.5	3494.447	3500.726	3359.441	3252.693	3205.598
30.0	3463.050	3469.330	3324.905	3218.157	3174.201
30.5	3431.654	3437.933	3293.508	3186.760	3138.409
31.0	3400.257	3403.397	3258.972	3152.224	3104.815
31.5	3368.860	3368.860	3224.436	3117.687	3070.278
32.0	3334.324	3334.324	3186.760	3082.209	3036.684
32.5	3302.927	3302.927	3152.224	3045.161	3000.264
33.0	3271.531	3265.251	3118.001	3008.741	2963.844
33.5	3236.994	3230.715	3081.895	2971.379	2928.679
34.0	3205.598	3196.179	3045.475	2934.331	2892.887
34.5	3174.201	3161.643	3009.997	2897.283	2854.897
35.0	3139.665	3125.536	2973.263	2858.979	2816.907
35.5	3107.012	3089.744	2936.529	2821.617	2777.662
36.0	3073.418	3053.010	2900.736	2783.627	2737.474
36.5	3038.882	3017.846	2863.688	2744.695	2696.972
37.0	3005.601	2980.798	2827.268	2707.019	2655.529
37.5	2969.809	2945.006	2789.906	2667.773	2614.085
38.0	2933.703	2909.213	2752.544	2629.155	2572.955
38.5	2898.539	2873.107	2715.496	2590.851	2532.768
39.0	2863.060	2836.687	2677.506	2551.292	2491.638
39.5	2825.698	2801.837	2639.830	2513.302	2452.706
40.0	2788.650	2765.417	2602.782	2474.056	2421.310
40.5	2753.800	2728.997	2565.734	2438.892	2384.575
41.0	2715.810	2693.205	2529.628	2404.669	2348.783
41.5	2679.704	2657.098	2492.266	2367.621	2313.619
42.0	2643.598	2621.306	2454.590	2332.143	2279.711
42.5	2607.178	2583.944	2422.251	2297.293	2247.372
43.0	2572.327	2549.094	2391.169	2263.384	2215.975
43.5	2537.791	2512.988	2356.318	2232.616	2190.230
44.0	2501.999	2477.196	2321.782	2203.417	2158.834
44.5	2465.265	2441.403	2288.502	2173.590	2127.437
45.0	2430.415	2406.239	2255.221	2141.879	2096.040
45.5	2395.250	2377.040	2226.336	2110.483	2064.958
46.0	2361.342	2341.562	2197.137	2079.400	2033.561
46.5	2328.375	2306.084	2164.485	2048.003	2002.478
47.0	2305.142	2274.687	2131.832	2016.921	1971.396
47.5	2270.606	2240.151	2099.180	1985.524	1939.999
48.0	2236.069	2208.440	2066.213	1954.441	1909.230
48.5	2201.533	2173.904	2033.561	1922.731	1878.148
49.0	2167.625	2139.368	2000.594	1891.648	1847.693
49.5	2133.716	2105.145	1967.942	1860.565	1817.238
50.0	2100.122	2070.923	1935.289	1829.797	1787.097
50.5	2066.213	2036.701	1902.637	1799.342	1757.270
51.0	2032.305	2002.792	1870.298	1768.887	1727.130
51.5	1998.397	1968.570	1837.960	1738.118	1697.617
52.0	1964.488	1934.662	1806.249	1707.664	1667.790
52.5	1930.580	1901.381	1774.853	1677.523	1637.963
53.0	1896.358	1868.415	1743.770	1647.382	1608.450
53.5	1863.077	1835.448	1713.001	1617.241	1578.624
54.0	1829.797	1802.482	1682.232	1587.415	1548.797
54.5	1796.830	1769.829	1651.778	1557.588	1518.656

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-L10-835-F-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1763.864	1737.491	1621.323	1528.389	1489.771
55.5	1731.211	1705.152	1590.554	1499.190	1460.258
56.0	1698.559	1673.441	1560.099	1469.991	1432.001
56.5	1666.534	1641.731	1529.645	1441.106	1403.430
57.0	1634.510	1610.020	1499.504	1412.535	1375.487
57.5	1603.113	1578.624	1469.049	1384.278	1347.858
58.0	1571.402	1547.227	1438.908	1356.335	1320.543
58.5	1540.634	1515.830	1409.082	1328.392	1293.228
59.0	1509.551	1484.748	1379.883	1301.077	1266.227
59.5	1478.468	1454.293	1350.998	1273.762	1239.226
60.0	1447.386	1423.838	1322.741	1246.761	1212.853
60.5	1416.617	1393.383	1294.170	1220.074	1186.793
61.0	1386.162	1362.929	1265.913	1193.701	1161.048
61.5	1355.707	1332.788	1237.656	1167.327	1135.931
62.0	1325.253	1302.961	1210.341	1141.582	1110.813
62.5	1295.112	1272.820	1183.026	1116.151	1086.010
63.0	1264.657	1243.307	1155.711	1090.720	1061.521
63.5	1234.516	1213.794	1129.023	1065.602	1037.345
64.0	1204.689	1184.282	1102.022	1040.171	1013.170
64.5	1175.177	1155.083	1075.335	1015.054	988.994
65.0	1145.978	1125.884	1048.648	989.936	964.819
65.5	1116.779	1096.999	1021.961	964.819	940.330
66.0	1087.266	1068.428	995.274	940.016	913.015
66.5	1058.381	1039.543	968.901	914.898	888.839
67.0	1029.182	1010.972	942.527	889.781	864.664
67.5	1000.297	982.401	916.154	864.978	840.802
68.0	971.412	953.830	889.781	840.174	817.255
68.5	942.841	925.573	863.094	815.999	793.393
69.0	914.270	897.002	837.035	791.510	770.160
69.5	885.385	868.745	810.975	767.648	746.926
70.0	856.815	840.802	785.544	743.787	724.007
70.5	828.558	813.173	760.113	720.553	701.401
71.0	799.987	784.916	735.623	697.320	679.110
71.5	772.044	757.601	710.820	674.400	656.818
72.0	744.415	730.286	686.331	651.794	635.154
72.5	716.785	703.599	662.155	629.503	613.177
73.0	689.784	677.226	638.294	607.211	591.827
73.5	662.155	650.853	614.432	585.548	570.477
74.0	635.154	625.107	590.885	563.570	549.441
74.5	608.781	599.362	567.651	542.220	528.720
75.0	582.408	574.559	544.732	520.870	507.998
75.5	556.349	549.441	522.126	499.835	487.590
76.0	530.917	524.638	499.835	479.113	468.124
76.5	505.800	500.149	477.857	458.705	448.344
77.0	480.997	476.287	455.879	438.611	428.564
77.5	456.507	452.740	434.530	418.831	409.726
78.0	432.332	429.506	413.180	399.365	391.202
78.5	408.784	406.587	392.772	380.213	372.678
79.0	385.551	384.295	372.678	361.375	354.468
79.5	362.945	362.317	352.584	342.851	336.572
80.0	340.654	340.654	333.118	324.641	318.676
80.5	318.990	319.618	313.966	306.745	301.408
81.0	297.326	298.896	295.128	288.849	284.140
81.5	276.604	278.488	276.604	271.267	267.185
82.0	256.197	258.708	258.394	253.999	250.545
82.5	236.103	239.242	240.184	237.045	233.905

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-L10-835-F-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	216.951	220.091	222.288	220.404	217.893
83.5	198.113	201.880	205.020	204.078	201.880
84.0	179.589	183.670	188.066	187.752	186.182
84.5	161.693	166.402	171.426	172.054	170.484
85.0	144.425	149.448	155.413	156.669	155.099
85.5	127.784	133.436	139.715	141.285	140.029
86.0	111.458	117.423	124.017	126.528	125.587
86.5	96.074	102.039	108.946	111.772	110.830
87.0	81.003	86.969	93.876	97.330	96.702
87.5	66.561	72.526	79.434	83.515	83.201
88.0	52.432	58.398	65.619	70.328	70.642
88.5	38.304	44.583	52.432	57.770	58.398
89.0	24.175	31.083	39.246	45.211	45.211
89.5	10.675	19.152	27.001	32.339	32.653
90.0	1.884	9.419	17.896	23.861	25.745
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 : MX2RX-8-00-L10-835-F-DIM-UNV_.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 : MX2RX-8-00-L10-835-F-DIM-UNV_.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 : MX2RX-8-00-L10-835-F-DIM-UNV_.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 : MX2RX-8-00-L10-835-F-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1571.52	N.A.	15.50
0-30	3244.92	N.A.	32.10
0-40	5107.47	N.A.	50.50
0-60	8317.22	N.A.	82.20
0-80	9943.48	N.A.	98.30
0-90	10117.1	N.A.	100.00
10-90	9704.21	N.A.	95.90
20-40	3535.95	N.A.	34.90
20-50	5287.57	N.A.	52.30
40-70	4254.77	N.A.	42.10
60-80	1626.26	N.A.	16.10
70-80	581.24	N.A.	5.70
80-90	173.62	N.A.	1.70
90-110	0.45	N.A.	0.00
90-120	0.45	N.A.	0.00
90-130	0.45	N.A.	0.00
90-150	0.45	N.A.	0.00
90-180	0.45	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	10117.55	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	412.90
10-20	1158.62
20-30	1673.4
30-40	1862.55
40-50	1751.62
50-60	1458.13
60-70	1045.02
70-80	581.24
80-90	173.62
90-100	0.45
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 : MX2RX-8-00-L10-835-F-DIM-UNV_.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	357	357	357	357	349	349	349	349	333	333	333	319	319	319	306	306	306	300
1	328	314	302	291	320	308	297	287	295	286	277	283	276	269	272	267	261	255
2	300	276	257	241	292	271	253	238	260	245	232	251	238	227	242	231	222	216
3	275	245	221	203	268	240	218	201	231	213	197	223	207	194	215	202	191	184
4	253	218	193	174	246	214	191	173	207	187	170	200	182	168	194	178	166	159
5	233	196	170	151	227	193	169	150	187	165	149	181	162	147	175	159	146	140
6	216	178	152	133	211	175	151	133	170	148	132	165	145	130	160	143	129	123
7	201	162	137	119	196	160	135	118	155	133	117	151	131	117	147	129	116	110
8	188	148	124	107	183	146	123	106	142	121	106	139	119	105	135	118	104	99
9	176	137	113	97	172	135	112	96	132	111	96	128	109	95	125	108	95	90
10	165	127	104	88	161	125	103	88	122	102	88	119	100	87	117	99	87	82

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-L10-835-F-DIM-UNV_.IES

UGR TABLE - CORRECTED

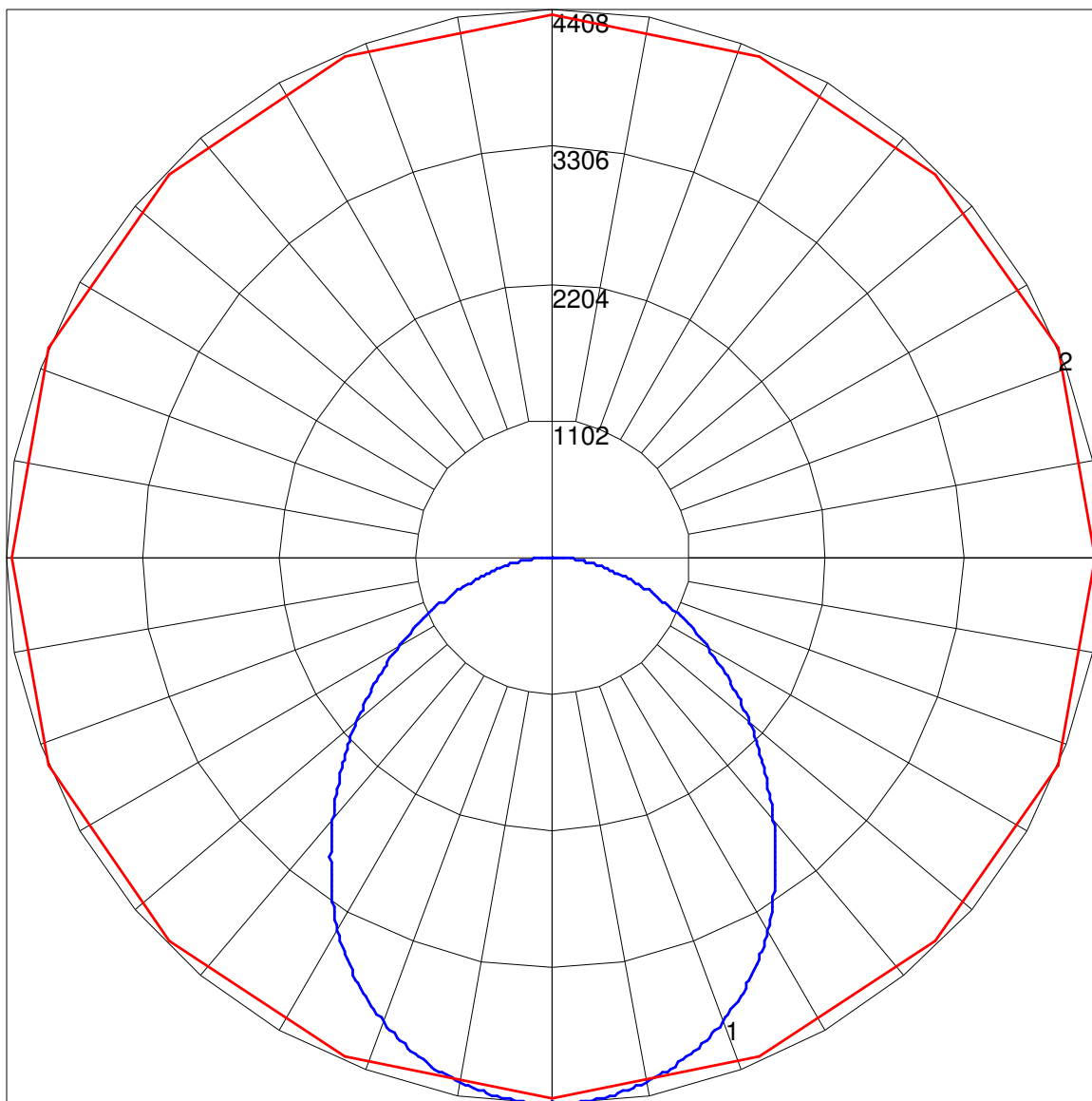
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	19.2	20.8	19.6	21.1	21.4	18.3	19.8	18.6	20.1	20.4
	3H	20.9	22.3	21.3	22.6	23.0	19.9	21.3	20.3	21.6	22.0
	4H	21.5	22.8	21.9	23.2	23.5	20.5	21.8	20.9	22.2	22.6
	6H	21.9	23.1	22.3	23.5	23.9	21.0	22.2	21.4	22.6	23.0
	8H	22.0	23.2	22.5	23.6	24.0	21.1	22.3	21.6	22.7	23.1
	12H	22.1	23.2	22.5	23.6	24.0	21.3	22.4	21.7	22.8	23.2
4H	2H	19.7	21.0	20.1	21.4	21.7	18.9	20.2	19.3	20.6	21.0
	3H	21.6	22.7	22.0	23.1	23.5	20.8	21.9	21.2	22.3	22.7
	4H	22.3	23.3	22.8	23.7	24.2	21.5	22.5	21.9	22.9	23.4
	6H	22.9	23.7	23.3	24.2	24.6	22.1	23.0	22.6	23.4	23.9
	8H	23.1	23.9	23.5	24.3	24.8	22.3	23.1	22.8	23.6	24.0
	12H	23.2	23.9	23.7	24.4	24.9	22.5	23.2	23.0	23.7	24.2
8H	4H	22.6	23.4	23.0	23.8	24.3	21.8	22.6	22.3	23.1	23.6
	6H	23.2	23.9	23.7	24.4	24.9	22.6	23.2	23.0	23.7	24.2
	8H	23.5	24.1	24.0	24.6	25.1	22.8	23.5	23.4	24.0	24.5
	12H	23.7	24.2	24.2	24.7	25.3	23.1	23.7	23.6	24.1	24.7
12H	4H	22.6	23.3	23.1	23.8	24.3	21.9	22.6	22.4	23.1	23.5
	6H	23.3	23.9	23.8	24.4	24.9	22.6	23.2	23.1	23.7	24.2
	8H	23.6	24.1	24.1	24.6	25.2	23.0	23.5	23.5	24.0	24.6

Maximum UGR = 25.3

POLAR GRAPH



Maximum Candela = 4408.09 Located At Horizontal Angle = 22.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)