



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2RX-8-00-L8-835-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-L8-835-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	6745
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	53.6
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	18444	17115	15907
55	16502	15169	13938
65	14551	13315	12251
75	12075	11294	10532
85	8892	9569	9550

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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	2919.889	2919.889	2919.889	2919.889	2919.889
0.5	2915.702	2938.727	2915.702	2913.609	2909.423
1.0	2915.702	2938.727	2913.609	2913.609	2909.423
1.5	2915.702	2936.633	2913.609	2913.609	2907.330
2.0	2915.702	2936.633	2911.516	2911.516	2909.423
2.5	2913.609	2934.540	2909.423	2911.516	2907.330
3.0	2909.423	2932.447	2907.330	2909.423	2905.237
3.5	2909.423	2930.354	2905.237	2909.423	2903.144
4.0	2905.237	2928.261	2901.051	2905.237	2898.957
4.5	2903.144	2924.075	2898.957	2903.144	2894.771
5.0	2901.051	2919.889	2894.771	2898.957	2892.678
5.5	2896.864	2917.795	2890.585	2894.771	2888.492
6.0	2892.678	2913.609	2886.399	2890.585	2882.213
6.5	2888.492	2909.423	2882.213	2884.306	2878.026
7.0	2884.306	2903.144	2878.026	2880.119	2873.840
7.5	2878.026	2898.957	2871.747	2871.747	2867.561
8.0	2873.840	2892.678	2867.561	2865.468	2861.281
8.5	2867.561	2888.492	2861.281	2857.095	2852.909
9.0	2863.375	2882.213	2855.002	2850.816	2844.537
9.5	2857.095	2875.933	2848.723	2840.350	2836.164
10.0	2850.816	2867.561	2840.350	2831.978	2825.699
10.5	2844.537	2861.281	2834.071	2823.606	2815.233
11.0	2836.164	2855.002	2825.699	2813.140	2804.768
11.5	2827.792	2846.630	2817.326	2804.768	2792.209
12.0	2821.512	2838.257	2808.954	2792.209	2781.743
12.5	2813.140	2829.885	2798.488	2781.743	2767.092
13.0	2802.674	2821.512	2788.023	2769.185	2754.533
13.5	2796.395	2813.140	2775.464	2756.626	2741.974
14.0	2785.930	2802.674	2767.092	2744.067	2729.416
14.5	2775.464	2794.302	2754.533	2731.509	2714.764
15.0	2767.092	2781.743	2741.974	2716.857	2702.205
15.5	2756.626	2771.278	2729.416	2704.298	2687.553
16.0	2748.254	2760.812	2716.857	2689.646	2670.808
16.5	2737.788	2750.347	2704.298	2674.995	2656.157
17.0	2729.416	2739.881	2689.646	2660.343	2641.505
17.5	2716.857	2729.416	2674.995	2643.598	2624.760
18.0	2702.205	2718.950	2660.343	2626.853	2608.015
18.5	2689.646	2704.298	2645.691	2612.201	2591.270
19.0	2677.088	2691.740	2631.039	2595.457	2574.525
19.5	2662.436	2677.088	2614.294	2578.712	2555.687
20.0	2649.877	2662.436	2597.550	2559.874	2538.943
20.5	2635.226	2647.784	2582.898	2543.129	2520.105
21.0	2622.667	2633.132	2566.153	2524.291	2501.267
21.5	2610.108	2616.388	2549.408	2505.453	2482.429
22.0	2593.363	2601.736	2534.756	2484.522	2461.497
22.5	2578.712	2587.084	2515.918	2465.684	2440.566
23.0	2564.060	2570.339	2499.173	2444.753	2419.635
23.5	2549.408	2553.594	2482.429	2423.821	2396.611
24.0	2532.663	2538.943	2463.591	2402.890	2375.680
24.5	2515.918	2522.198	2444.753	2381.959	2354.749
25.0	2499.173	2505.453	2425.915	2361.028	2333.818
25.5	2482.429	2486.615	2404.983	2340.097	2312.887
26.0	2463.591	2469.870	2384.052	2319.166	2289.862
26.5	2446.846	2451.032	2365.214	2296.142	2268.931

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CANDELA TABULATION - (Cont.)

27.0	2428.008	2432.194	2344.283	2275.211	2245.907
27.5	2409.170	2413.356	2323.352	2254.280	2224.976
28.0	2388.239	2394.518	2304.514	2233.348	2204.045
28.5	2369.401	2373.587	2281.490	2210.324	2181.021
29.0	2348.470	2352.656	2260.559	2189.393	2160.090
29.5	2329.632	2333.818	2239.628	2168.462	2137.065
30.0	2308.700	2312.887	2216.604	2145.438	2116.134
30.5	2287.769	2291.956	2195.672	2124.507	2092.273
31.0	2266.838	2268.931	2172.648	2101.483	2069.877
31.5	2245.907	2245.907	2149.624	2078.458	2046.852
32.0	2222.883	2222.883	2124.507	2054.806	2024.456
32.5	2201.952	2201.952	2101.483	2030.107	2000.176
33.0	2181.021	2176.834	2078.668	2005.827	1975.896
33.5	2157.996	2153.810	2054.597	1980.919	1952.453
34.0	2137.065	2130.786	2030.317	1956.221	1928.592
34.5	2116.134	2107.762	2006.665	1931.522	1903.265
35.0	2093.110	2083.691	1982.175	1905.986	1877.938
35.5	2071.342	2059.830	1957.686	1881.078	1851.774
36.0	2048.945	2035.340	1933.824	1855.751	1824.983
36.5	2025.921	2011.897	1909.126	1829.797	1797.982
37.0	2003.734	1987.199	1884.846	1804.680	1770.353
37.5	1979.873	1963.337	1859.938	1778.516	1742.723
38.0	1955.802	1939.476	1835.030	1752.770	1715.304
38.5	1932.359	1915.405	1810.331	1727.234	1688.512
39.0	1908.707	1891.125	1785.004	1700.861	1661.092
39.5	1883.799	1867.891	1759.887	1675.535	1635.138
40.0	1859.100	1843.611	1735.188	1649.371	1614.206
40.5	1835.867	1819.331	1710.490	1625.928	1589.717
41.0	1810.540	1795.470	1686.419	1603.113	1565.856
41.5	1786.469	1771.399	1661.511	1578.414	1542.413
42.0	1762.399	1747.538	1636.393	1554.762	1519.807
42.5	1738.119	1722.630	1614.834	1531.529	1498.248
43.0	1714.885	1699.396	1594.113	1508.923	1477.317
43.5	1691.861	1675.325	1570.879	1488.411	1460.154
44.0	1667.999	1651.464	1547.855	1468.945	1439.222
44.5	1643.510	1627.602	1525.668	1449.060	1418.291
45.0	1620.277	1604.160	1503.481	1427.920	1397.360
45.5	1596.834	1584.694	1484.224	1406.989	1376.639
46.0	1574.228	1561.042	1464.758	1386.267	1355.707
46.5	1552.250	1537.389	1442.990	1365.336	1334.986
47.0	1536.761	1516.458	1421.222	1344.614	1314.264
47.5	1513.737	1493.434	1399.453	1323.683	1293.333
48.0	1490.713	1472.294	1377.476	1302.961	1272.820
48.5	1467.689	1449.269	1355.707	1281.821	1252.098
49.0	1445.083	1426.245	1333.730	1261.099	1231.795
49.5	1422.478	1403.430	1311.961	1240.377	1211.492
50.0	1400.081	1380.615	1290.193	1219.865	1191.398
50.5	1377.476	1357.801	1268.425	1199.561	1171.514
51.0	1354.870	1335.195	1246.866	1179.258	1151.420
51.5	1332.265	1312.380	1225.307	1158.746	1131.745
52.0	1309.659	1289.774	1204.166	1138.443	1111.860
52.5	1287.053	1267.587	1183.235	1118.349	1091.976
53.0	1264.238	1245.610	1162.513	1098.255	1072.300
53.5	1242.052	1223.632	1142.001	1078.161	1052.416
54.0	1219.865	1201.654	1121.488	1058.276	1032.531
54.5	1197.887	1179.886	1101.185	1038.392	1012.437

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CANDELA TABULATION - (Cont.)

55.0	1175.909	1158.327	1080.882	1018.926	993.181
55.5	1154.141	1136.768	1060.370	999.460	973.506
56.0	1132.373	1115.628	1040.066	979.994	954.668
56.5	1111.023	1094.487	1019.763	960.738	935.620
57.0	1089.673	1073.347	999.669	941.690	916.992
57.5	1068.742	1052.416	979.366	922.852	898.572
58.0	1047.602	1031.485	959.272	904.224	880.362
58.5	1027.089	1010.554	939.388	885.595	862.152
59.0	1006.367	989.832	919.922	867.385	844.151
59.5	985.646	969.529	900.665	849.175	826.151
60.0	964.924	949.225	881.827	831.174	808.568
60.5	944.411	928.922	862.780	813.383	791.196
61.0	924.108	908.619	843.942	795.800	774.032
61.5	903.805	888.525	825.104	778.218	757.287
62.0	883.502	868.641	806.894	761.055	740.542
62.5	863.408	848.547	788.684	744.101	724.007
63.0	843.105	828.872	770.474	727.146	707.681
63.5	823.011	809.196	752.682	710.402	691.564
64.0	803.126	789.521	734.682	693.447	675.447
64.5	783.451	770.055	716.890	676.702	659.330
65.0	763.985	750.589	699.099	659.958	643.213
65.5	744.519	731.333	681.307	643.213	626.886
66.0	724.844	712.285	663.516	626.677	608.676
66.5	705.587	693.029	645.934	609.932	592.559
67.0	686.121	673.981	628.352	593.187	576.443
67.5	666.865	654.934	610.770	576.652	560.535
68.0	647.608	635.887	593.187	560.116	544.837
68.5	628.561	617.049	575.396	543.999	528.929
69.0	609.514	598.002	558.023	527.673	513.440
69.5	590.257	579.164	540.650	511.765	497.951
70.0	571.210	560.535	523.696	495.858	482.671
70.5	552.372	542.116	506.742	480.369	467.601
71.0	533.324	523.278	490.416	464.880	452.740
71.5	514.696	505.067	473.880	449.600	437.879
72.0	496.276	486.857	457.554	434.530	423.436
72.5	477.857	469.066	441.437	419.669	408.784
73.0	459.856	451.484	425.529	404.807	394.551
73.5	441.437	433.902	409.622	390.365	380.318
74.0	423.436	416.738	393.923	375.713	366.294
74.5	405.854	399.575	378.434	361.480	352.480
75.0	388.272	383.039	363.155	347.247	338.665
75.5	370.899	366.294	348.084	333.223	325.060
76.0	353.945	349.759	333.223	319.409	312.083
76.5	337.200	333.432	318.571	305.803	298.896
77.0	320.664	317.525	303.920	292.407	285.710
77.5	304.338	301.826	289.686	279.221	273.151
78.0	288.221	286.337	275.453	266.244	260.802
78.5	272.523	271.058	261.848	253.476	248.452
79.0	257.034	256.197	248.452	240.917	236.312
79.5	241.964	241.545	235.056	228.568	224.381
80.0	227.102	227.102	222.079	216.428	212.451
80.5	212.660	213.079	209.311	204.497	200.939
81.0	198.218	199.264	196.752	192.566	189.426
81.5	184.403	185.659	184.403	180.845	178.124
82.0	170.798	172.472	172.263	169.333	167.030
82.5	157.402	159.495	160.123	158.030	155.937

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CANDELA TABULATION - (Cont.)

83.0	144.634	146.727	148.192	146.936	145.262
83.5	132.075	134.587	136.680	136.052	134.587
84.0	119.726	122.447	125.377	125.168	124.121
84.5	107.795	110.935	114.284	114.702	113.656
85.0	96.283	99.632	103.609	104.446	103.400
85.5	85.190	88.957	93.143	94.190	93.353
86.0	74.305	78.282	82.678	84.352	83.724
86.5	64.049	68.026	72.631	74.515	73.887
87.0	54.002	57.979	62.584	64.886	64.468
87.5	44.374	48.351	52.956	55.677	55.467
88.0	34.955	38.932	43.746	46.886	47.095
88.5	25.536	29.722	34.955	38.513	38.932
89.0	16.117	20.722	26.164	30.141	30.141
89.5	7.117	12.768	18.001	21.559	21.768
90.0	1.256	6.279	11.931	15.908	17.164
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-L8-835-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-L8-835-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-L8-835-F-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1047.68	N.A.	15.50
0-30	2163.28	N.A.	32.10
0-40	3404.98	N.A.	50.50
0-60	5544.81	N.A.	82.20
0-80	6628.99	N.A.	98.30
0-90	6744.74	N.A.	100.00
10-90	6469.47	N.A.	95.90
20-40	2357.3	N.A.	34.90
20-50	3525.05	N.A.	52.30
40-70	2836.51	N.A.	42.10
60-80	1084.18	N.A.	16.10
70-80	387.49	N.A.	5.70
80-90	115.75	N.A.	1.70
90-110	0.30	N.A.	0.00
90-120	0.30	N.A.	0.00
90-130	0.30	N.A.	0.00
90-150	0.30	N.A.	0.00
90-180	0.30	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6745.03	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	275.26
10-20	772.41
20-30	1115.6
30-40	1241.7
40-50	1167.75
50-60	972.08
60-70	696.68
70-80	387.49
80-90	115.75
90-100	0.30
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-L8-835-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	238	238	238	238	233	233	233	233	222	222	222	213	213	213	204	204	204	200
1	219	210	201	194	213	205	198	191	197	191	185	189	184	179	182	178	174	170
2	200	184	171	160	195	181	169	159	174	163	155	167	159	151	161	154	148	144
3	183	163	148	135	178	160	146	134	154	142	132	149	138	129	144	135	127	123
4	169	146	129	116	164	143	127	115	138	124	114	133	122	112	129	119	111	106
5	156	131	114	101	151	129	112	100	124	110	99	121	108	98	117	106	97	93
6	144	118	101	89	140	117	100	88	113	99	88	110	97	87	107	95	86	82
7	134	108	91	79	131	106	90	79	103	89	78	100	87	78	98	86	77	73
8	125	99	82	71	122	98	82	71	95	81	70	93	80	70	90	78	70	66
9	117	91	75	64	114	90	75	64	88	74	64	86	73	64	84	72	63	60
10	110	84	69	59	108	83	69	59	81	68	58	80	67	58	78	66	58	54

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-L8-835-F-DIM-UNV_.IES

UGR TABLE - CORRECTED

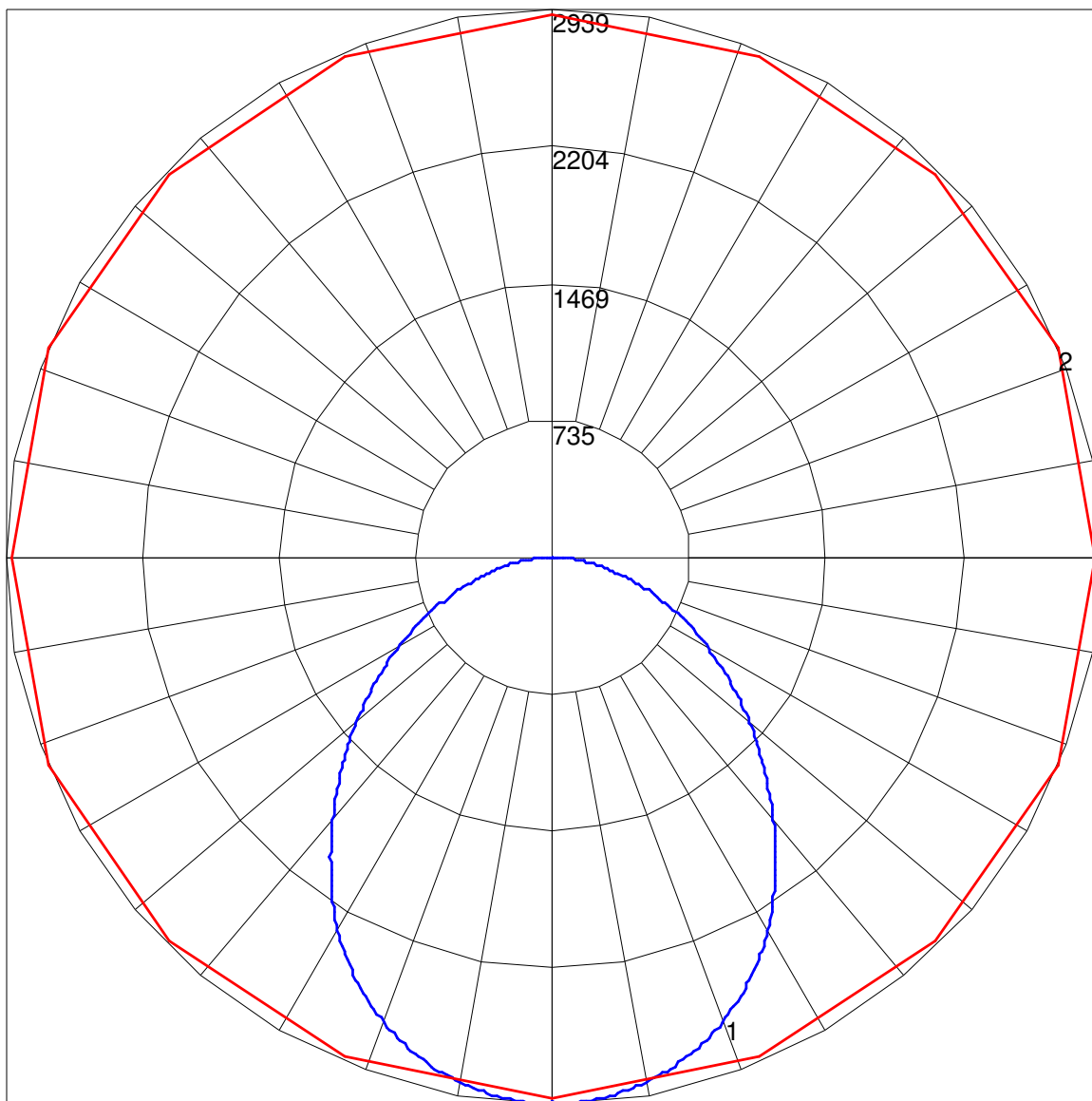
Reflectances

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 = 2938.727 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.)