



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2RX-8-00-L10-RGB835-F-DMX-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL 13012869.02

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 19 Apr, 2024

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMCAT] MX2Rx-8-00-L10-RGB835-F-DMX-UNV - WHITE ONLY

[LUMINAIRE] Formed White aluminum housing, frosted plastic lens

[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	8608
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	86.4
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	23538	21842	20300
55	21060	19358	17787
65	18570	16993	15634
75	15410	14413	13441
85	11348	12212	12187

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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	3726.324	3726.324	3726.324	3726.324	3726.324
0.5	3720.982	3750.365	3720.982	3718.310	3712.968
1.0	3720.982	3750.365	3718.310	3718.310	3712.968
1.5	3720.982	3747.694	3718.310	3718.310	3710.297
2.0	3720.982	3747.694	3715.639	3715.639	3712.968
2.5	3718.310	3745.022	3712.968	3715.639	3710.297
3.0	3712.968	3742.351	3710.297	3712.968	3707.626
3.5	3712.968	3739.680	3707.626	3712.968	3704.954
4.0	3707.626	3737.009	3702.283	3707.626	3699.612
4.5	3704.954	3731.666	3699.612	3704.954	3694.270
5.0	3702.283	3726.324	3694.270	3699.612	3691.598
5.5	3696.941	3723.653	3688.927	3694.270	3686.256
6.0	3691.598	3718.310	3683.585	3688.927	3678.242
6.5	3686.256	3712.968	3678.242	3680.914	3672.900
7.0	3680.914	3704.954	3672.900	3675.571	3667.558
7.5	3672.900	3699.612	3664.886	3664.886	3659.544
8.0	3667.558	3691.598	3659.544	3656.873	3651.530
8.5	3659.544	3686.256	3651.530	3646.188	3640.846
9.0	3654.202	3678.242	3643.517	3638.174	3630.161
9.5	3646.188	3670.229	3635.503	3624.818	3619.476
10.0	3638.174	3659.544	3624.818	3614.134	3606.120
10.5	3630.161	3651.530	3616.805	3603.449	3592.764
11.0	3619.476	3643.517	3606.120	3590.093	3579.408
11.5	3608.791	3632.832	3595.435	3579.408	3563.381
12.0	3600.778	3622.147	3584.750	3563.381	3550.025
12.5	3590.093	3611.462	3571.394	3550.025	3531.326
13.0	3576.737	3600.778	3558.038	3533.998	3515.299
13.5	3568.723	3590.093	3542.011	3517.970	3499.272
14.0	3555.367	3576.737	3531.326	3501.943	3483.245
14.5	3542.011	3566.052	3515.299	3485.916	3464.546
15.0	3531.326	3550.025	3499.272	3467.218	3448.519
15.5	3517.970	3536.669	3483.245	3451.190	3429.821
16.0	3507.286	3523.313	3467.218	3432.492	3408.451
16.5	3493.930	3509.957	3451.190	3413.794	3389.753
17.0	3483.245	3496.601	3432.492	3395.095	3371.054
17.5	3467.218	3483.245	3413.794	3373.726	3349.685
18.0	3448.519	3469.889	3395.095	3352.356	3328.315
18.5	3432.492	3451.190	3376.397	3333.658	3306.946
19.0	3416.465	3435.163	3357.698	3312.288	3285.576
19.5	3397.766	3416.465	3336.329	3290.918	3261.535
20.0	3381.739	3397.766	3314.959	3266.878	3240.166
20.5	3363.041	3379.068	3296.261	3245.508	3216.125
21.0	3347.014	3360.370	3274.891	3221.467	3192.084
21.5	3330.986	3339.000	3253.522	3197.426	3168.043
22.0	3309.617	3320.302	3234.823	3170.714	3141.331
22.5	3290.918	3301.603	3210.782	3146.674	3114.619
23.0	3272.220	3280.234	3189.413	3119.962	3087.907
23.5	3253.522	3258.864	3168.043	3093.250	3058.524
24.0	3232.152	3240.166	3144.002	3066.538	3031.812
24.5	3210.782	3218.796	3119.962	3039.826	3005.100
25.0	3189.413	3197.426	3095.921	3013.114	2978.388
25.5	3168.043	3173.386	3069.209	2986.402	2951.676
26.0	3144.002	3152.016	3042.497	2959.690	2922.293
26.5	3122.633	3127.975	3018.456	2930.306	2895.581

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CANDELA TABULATION - (Cont.)

27.0	3098.592	3103.934	2991.744	2903.594	2866.198
27.5	3074.551	3079.894	2965.032	2876.882	2839.486
28.0	3047.839	3055.853	2940.991	2850.170	2812.774
28.5	3023.798	3029.141	2911.608	2820.787	2783.390
29.0	2997.086	3002.429	2884.896	2794.075	2756.678
29.5	2973.046	2978.388	2858.184	2767.363	2727.295
30.0	2946.334	2951.676	2828.801	2737.980	2700.583
30.5	2919.622	2924.964	2802.089	2711.268	2670.131
31.0	2892.910	2895.581	2772.706	2681.885	2641.550
31.5	2866.198	2866.198	2743.322	2652.502	2612.167
32.0	2836.814	2836.814	2711.268	2622.317	2583.585
32.5	2810.102	2810.102	2681.885	2590.797	2552.599
33.0	2783.390	2778.048	2652.769	2559.811	2521.613
33.5	2754.007	2748.665	2622.050	2528.024	2491.695
34.0	2727.295	2719.282	2591.064	2496.503	2461.244
34.5	2700.583	2689.898	2560.880	2464.983	2428.922
35.0	2671.200	2659.180	2529.626	2432.395	2396.601
35.5	2643.419	2628.728	2498.373	2400.608	2363.211
36.0	2614.838	2597.475	2467.922	2368.286	2329.019
36.5	2585.455	2567.558	2436.401	2335.163	2294.561
37.0	2557.140	2536.037	2405.416	2303.109	2259.301
37.5	2526.688	2505.586	2373.628	2269.719	2224.041
38.0	2495.969	2475.134	2341.841	2236.863	2189.048
38.5	2466.052	2444.415	2310.321	2204.274	2154.857
39.0	2435.867	2413.429	2277.999	2170.617	2119.864
39.5	2404.080	2383.779	2245.945	2138.296	2086.742
40.0	2372.560	2352.793	2214.425	2104.906	2060.030
40.5	2342.909	2321.807	2182.905	2074.988	2028.776
41.0	2310.588	2291.355	2152.186	2045.872	1998.325
41.5	2279.869	2260.637	2120.399	2014.352	1968.407
42.0	2249.150	2230.185	2088.344	1984.167	1939.558
42.5	2218.165	2198.398	2060.831	1954.517	1912.045
43.0	2188.514	2168.747	2034.386	1925.668	1885.333
43.5	2159.131	2138.029	2004.736	1899.490	1863.429
44.0	2128.679	2107.577	1975.352	1874.648	1836.717
44.5	2097.426	2077.125	1947.038	1849.272	1810.005
45.0	2067.776	2047.208	1918.723	1822.293	1783.293
45.5	2037.859	2022.365	1894.148	1795.581	1756.848
46.0	2009.009	1992.181	1869.306	1769.136	1730.136
46.5	1980.962	1961.996	1841.525	1742.424	1703.691
47.0	1961.195	1935.284	1813.745	1715.979	1677.247
47.5	1931.812	1905.901	1785.964	1689.267	1650.535
48.0	1902.429	1878.922	1757.917	1662.822	1624.357
48.5	1873.045	1849.539	1730.136	1635.843	1597.912
49.0	1844.197	1820.156	1702.089	1609.398	1572.001
49.5	1815.347	1791.040	1674.308	1582.953	1546.091
50.0	1786.766	1761.923	1646.528	1556.775	1520.447
50.5	1757.917	1732.807	1618.747	1530.865	1495.071
51.0	1729.068	1703.959	1591.234	1504.954	1469.427
51.5	1700.219	1674.842	1563.721	1478.776	1444.318
52.0	1671.370	1645.993	1536.741	1452.866	1418.941
52.5	1642.521	1617.679	1510.029	1427.222	1393.565
53.0	1613.405	1589.631	1483.585	1401.579	1368.456
53.5	1585.090	1561.583	1457.407	1375.935	1343.079
54.0	1556.775	1533.536	1431.229	1350.559	1317.703
54.5	1528.728	1505.755	1405.318	1325.182	1292.059

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CANDELA TABULATION - (Cont.)

55.0	1500.680	1478.242	1379.408	1300.340	1267.484
55.5	1472.900	1450.729	1353.230	1275.498	1242.375
56.0	1445.119	1423.750	1327.319	1250.656	1218.334
56.5	1417.873	1396.771	1301.409	1226.081	1194.026
57.0	1390.627	1369.791	1275.765	1201.773	1170.253
57.5	1363.915	1343.079	1249.854	1177.732	1146.746
58.0	1336.936	1316.367	1224.211	1153.958	1123.507
58.5	1310.758	1289.655	1198.835	1130.185	1100.267
59.0	1284.313	1263.210	1173.992	1106.945	1077.295
59.5	1257.868	1237.300	1149.417	1083.706	1054.323
60.0	1231.423	1211.389	1125.377	1060.734	1031.885
60.5	1205.245	1185.479	1101.069	1038.028	1009.714
61.0	1179.335	1159.568	1077.028	1015.590	987.810
61.5	1153.424	1133.924	1052.987	993.152	966.440
62.0	1127.514	1108.548	1029.748	971.248	945.071
62.5	1101.870	1082.904	1006.508	949.612	923.968
63.0	1075.959	1057.795	983.269	927.975	903.133
63.5	1050.316	1032.686	960.564	906.605	882.564
64.0	1024.939	1007.577	937.591	884.969	861.996
64.5	999.830	982.734	914.886	863.599	841.428
65.0	974.988	957.892	892.181	842.229	820.860
65.5	950.146	933.317	869.476	820.860	800.024
66.0	925.037	909.009	846.770	799.757	776.785
66.5	900.462	884.434	824.332	778.388	756.217
67.0	875.619	860.126	801.894	757.018	735.648
67.5	851.044	835.818	779.456	735.916	715.347
68.0	826.469	811.511	757.018	714.813	695.313
68.5	802.161	787.470	734.313	694.245	675.012
69.0	777.853	763.162	712.142	673.410	655.245
69.5	753.278	739.121	689.971	653.108	635.478
70.0	728.970	715.347	668.334	632.807	615.979
70.5	704.930	691.841	646.698	613.040	596.746
71.0	680.622	667.800	625.862	593.274	577.781
71.5	656.848	644.561	604.760	573.774	558.815
72.0	633.342	621.321	583.924	554.541	540.384
72.5	609.835	598.616	563.356	535.576	521.685
73.0	586.863	576.178	543.055	516.610	503.521
73.5	563.356	553.740	522.754	498.179	485.357
74.0	540.384	531.836	502.720	479.480	467.460
74.5	517.946	509.932	482.953	461.316	449.830
75.0	495.508	488.830	463.453	443.152	432.200
75.5	473.337	467.460	444.221	425.255	414.837
76.0	451.700	446.358	425.255	407.625	398.276
76.5	430.330	425.522	406.557	390.262	381.447
77.0	409.228	405.221	387.858	373.167	364.619
77.5	388.392	385.187	369.694	356.338	348.592
78.0	367.824	365.420	351.530	339.777	332.832
78.5	347.790	345.920	334.167	323.482	317.071
79.0	328.023	326.955	317.071	307.455	301.578
79.5	308.791	308.256	299.976	291.695	286.353
80.0	289.825	289.825	283.414	276.202	271.127
80.5	271.394	271.928	267.120	260.976	256.435
81.0	252.963	254.298	251.093	245.750	241.744
81.5	235.333	236.935	235.333	230.792	227.319
82.0	217.970	220.107	219.840	216.100	213.162
82.5	200.874	203.545	204.347	201.676	199.004

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CANDELA TABULATION - (Cont.)

83.0	184.580	187.251	189.121	187.518	185.381
83.5	168.553	171.758	174.429	173.628	171.758
84.0	152.793	156.265	160.005	159.738	158.402
84.5	137.567	141.574	145.848	146.382	145.046
85.0	122.875	127.149	132.224	133.293	131.957
85.5	108.718	113.526	118.868	120.204	119.136
86.0	94.828	99.903	105.512	107.649	106.848
86.5	81.739	86.814	92.691	95.095	94.293
87.0	68.917	73.992	79.869	82.807	82.273
87.5	56.629	61.705	67.581	71.054	70.787
88.0	44.609	49.684	55.828	59.835	60.102
88.5	32.589	37.931	44.609	49.150	49.684
89.0	20.568	26.445	33.390	38.465	38.465
89.5	9.082	16.294	22.972	27.513	27.780
90.0	1.603	8.014	15.226	20.301	21.904
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-L10-RGB835-F-DMX-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
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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 : MX2RX-8-00-L10-RGB835-F-DMX-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1337.03	N.A.	15.50
0-30	2760.75	N.A.	32.10
0-40	4345.39	N.A.	50.50
0-60	7076.22	N.A.	82.20
0-80	8459.83	N.A.	98.30
0-90	8607.55	N.A.	100.00
10-90	8256.26	N.A.	95.90
20-40	3008.36	N.A.	34.90
20-50	4498.62	N.A.	52.30
40-70	3619.92	N.A.	42.10
60-80	1383.61	N.A.	16.10
70-80	494.51	N.A.	5.70
80-90	147.72	N.A.	1.70
90-110	0.38	N.A.	0.00
90-120	0.38	N.A.	0.00
90-130	0.38	N.A.	0.00
90-150	0.38	N.A.	0.00
90-180	0.38	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	8607.92	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	351.29
10-20	985.75
20-30	1423.71
30-40	1584.64
40-50	1490.26
50-60	1240.56
60-70	889.10
70-80	494.52
80-90	147.72
90-100	0.38
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-RGB835-F-DMX-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	307	307	307	307	300	300	300	300	287	287	287	274	274	274	263	263	263	258
1	282	270	260	250	275	265	255	246	254	246	239	244	237	231	234	229	224	219
2	258	238	221	207	251	233	218	204	224	211	200	215	205	195	208	199	191	185
3	236	210	190	174	230	206	188	173	199	183	170	192	178	167	185	174	164	159
4	217	188	166	150	212	184	164	148	178	160	146	172	157	144	167	153	143	137
5	201	169	147	130	195	166	145	129	161	142	128	156	139	127	151	137	125	120
6	186	153	131	115	181	150	129	114	146	127	113	142	125	112	138	123	111	106
7	173	139	117	102	169	137	116	102	133	115	101	130	113	100	126	111	100	95
8	161	128	106	92	157	126	106	91	122	104	91	119	103	90	116	101	90	85
9	151	118	97	83	148	116	96	83	113	95	82	110	94	82	108	93	82	77
10	142	109	89	76	139	108	88	76	105	87	75	103	86	75	100	85	75	70

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-8-00-L10-RGB835-F-DMX-UNV_.IES

UGR TABLE - CORRECTED

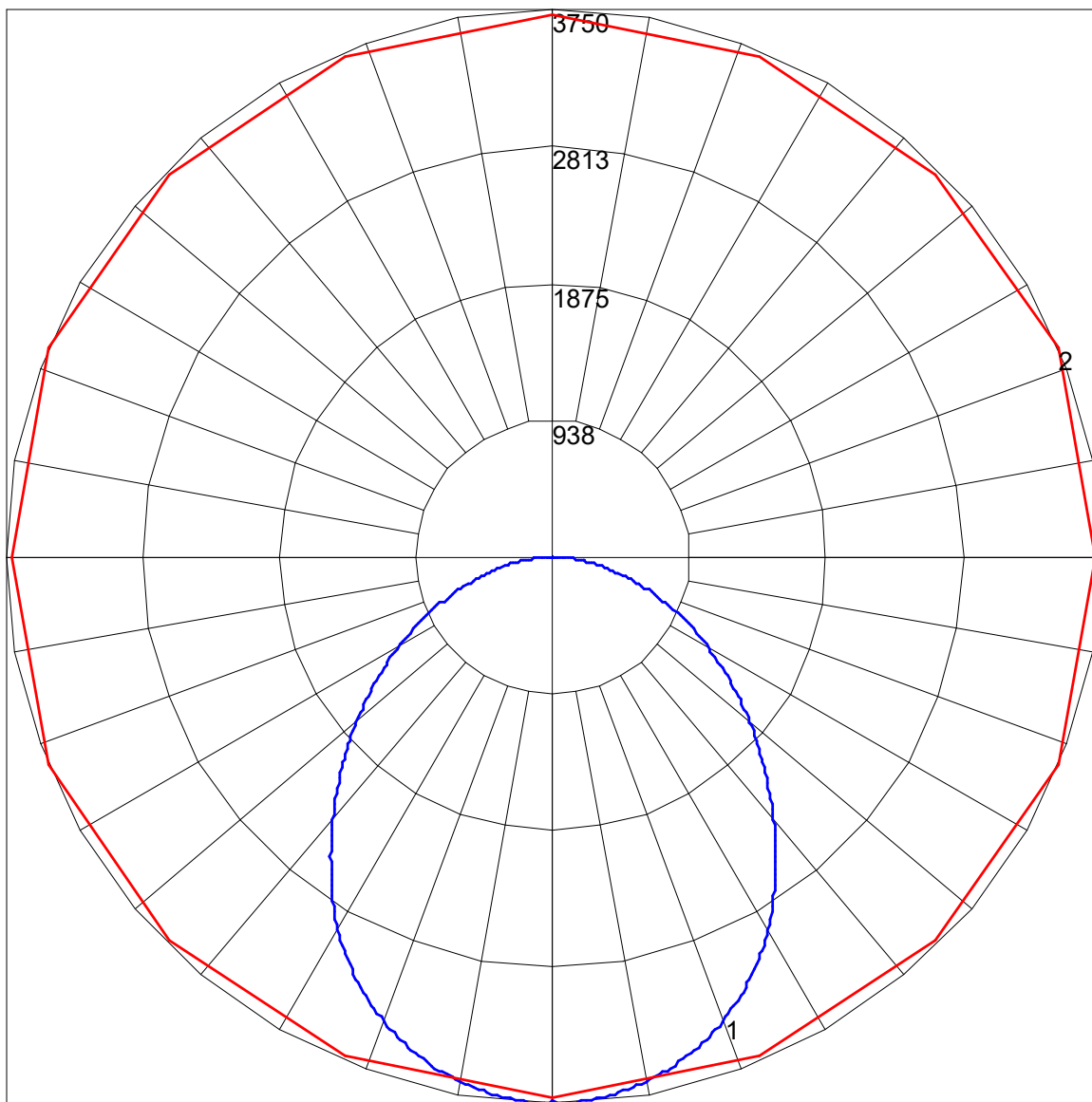
Reflectances

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 = 3750.365 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.)