



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2RX-4-00-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-4-00-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	4304
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	43.2
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)	4.00 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	23540	21843	20301
55	21061	19359	17789
65	18571	16994	15635
75	15411	14414	13442
85	11349	12212	12188

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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	1863.302	1863.302	1863.302	1863.302	1863.302
0.5	1860.630	1875.323	1860.630	1859.294	1856.623
1.0	1860.630	1875.323	1859.294	1859.294	1856.623
1.5	1860.630	1873.987	1859.294	1859.294	1855.287
2.0	1860.630	1873.987	1857.959	1857.959	1856.623
2.5	1859.294	1872.651	1856.623	1857.959	1855.287
3.0	1856.623	1871.316	1855.287	1856.623	1853.952
3.5	1856.623	1869.980	1853.952	1856.623	1852.616
4.0	1853.952	1868.644	1851.280	1853.952	1849.945
4.5	1852.616	1865.973	1849.945	1852.616	1847.273
5.0	1851.280	1863.302	1847.273	1849.945	1845.937
5.5	1848.609	1861.966	1844.602	1847.273	1843.266
6.0	1845.937	1859.294	1841.930	1844.602	1839.259
6.5	1843.266	1856.623	1839.259	1840.595	1836.588
7.0	1840.595	1852.616	1836.588	1837.923	1833.916
7.5	1836.588	1849.945	1832.580	1832.580	1829.909
8.0	1833.916	1845.937	1829.909	1828.573	1825.902
8.5	1829.909	1843.266	1825.902	1823.231	1820.559
9.0	1827.238	1839.259	1821.895	1819.223	1815.216
9.5	1823.231	1835.252	1817.888	1812.545	1809.874
10.0	1819.223	1829.909	1812.545	1807.202	1803.195
10.5	1815.216	1825.902	1808.538	1801.859	1796.517
11.0	1809.874	1821.895	1803.195	1795.181	1789.838
11.5	1804.531	1816.552	1797.852	1789.838	1781.824
12.0	1800.524	1811.209	1792.509	1781.824	1775.145
12.5	1795.181	1805.866	1785.831	1775.145	1765.795
13.0	1788.502	1800.524	1779.152	1767.131	1757.781
13.5	1784.495	1795.181	1771.138	1759.117	1749.767
14.0	1777.817	1788.502	1765.795	1751.103	1741.753
14.5	1771.138	1783.160	1757.781	1743.089	1732.403
15.0	1765.795	1775.145	1749.767	1733.739	1724.389
15.5	1759.117	1768.467	1741.753	1725.724	1715.039
16.0	1753.774	1761.788	1733.739	1716.375	1704.353
16.5	1747.096	1755.110	1725.724	1707.025	1695.003
17.0	1741.753	1748.431	1716.375	1697.675	1685.653
17.5	1733.739	1741.753	1707.025	1686.989	1674.968
18.0	1724.389	1735.074	1697.675	1676.304	1664.282
18.5	1716.375	1725.724	1688.325	1666.954	1653.597
19.0	1708.360	1717.710	1678.975	1656.268	1642.911
19.5	1699.010	1708.360	1668.289	1645.582	1630.890
20.0	1690.996	1699.010	1657.604	1633.561	1620.204
20.5	1681.646	1689.661	1648.254	1622.876	1608.183
21.0	1673.632	1680.311	1637.568	1610.854	1596.162
21.5	1665.618	1669.625	1626.883	1598.833	1584.140
22.0	1654.932	1660.275	1617.533	1585.476	1570.783
22.5	1645.582	1650.925	1605.511	1573.455	1557.426
23.0	1636.233	1640.240	1594.826	1560.098	1544.069
23.5	1626.883	1629.554	1584.140	1546.741	1529.377
24.0	1616.197	1620.204	1572.119	1533.384	1516.020
24.5	1605.511	1609.519	1560.098	1520.027	1502.663
25.0	1594.826	1598.833	1548.076	1506.670	1489.306
25.5	1584.140	1586.812	1534.719	1493.313	1475.949
26.0	1572.119	1576.126	1521.362	1479.956	1461.256
26.5	1561.433	1564.105	1509.341	1465.263	1447.899

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CANDELA TABULATION - (Cont.)

27.0	1549.412	1552.083	1495.984	1451.906	1433.206
27.5	1537.391	1540.062	1482.627	1438.549	1419.849
28.0	1524.034	1528.041	1470.606	1425.192	1406.492
28.5	1512.012	1514.684	1455.913	1410.499	1391.799
29.0	1498.655	1501.327	1442.556	1397.142	1378.442
29.5	1486.634	1489.306	1429.199	1383.785	1363.750
30.0	1473.277	1475.949	1414.506	1369.093	1350.393
30.5	1459.920	1462.592	1401.149	1355.736	1335.166
31.0	1446.563	1447.899	1386.457	1341.043	1320.874
31.5	1433.206	1433.206	1371.764	1326.350	1306.181
32.0	1418.513	1418.513	1355.736	1311.257	1291.889
32.5	1405.156	1405.156	1341.043	1295.495	1276.395
33.0	1391.799	1389.128	1326.484	1280.001	1260.901
33.5	1377.107	1374.435	1311.123	1264.107	1245.941
34.0	1363.750	1359.743	1295.629	1248.345	1230.714
34.5	1350.393	1345.050	1280.536	1232.584	1214.552
35.0	1335.700	1329.689	1264.908	1216.288	1198.390
35.5	1321.809	1314.462	1249.280	1200.394	1181.694
36.0	1307.517	1298.835	1234.053	1184.232	1164.597
36.5	1292.824	1283.875	1218.292	1167.669	1147.366
37.0	1278.666	1268.114	1202.798	1151.641	1129.735
37.5	1263.439	1252.887	1186.903	1134.944	1112.104
38.0	1248.078	1237.660	1171.008	1118.515	1094.606
38.5	1233.118	1222.299	1155.247	1102.220	1077.509
39.0	1218.025	1206.805	1139.085	1085.390	1060.012
39.5	1202.130	1191.979	1123.057	1069.228	1043.449
40.0	1186.369	1176.485	1107.295	1052.532	1030.092
40.5	1171.543	1160.990	1091.534	1037.572	1014.464
41.0	1155.381	1145.763	1076.174	1023.013	999.237
41.5	1140.020	1130.403	1060.279	1007.251	984.277
42.0	1124.659	1115.176	1044.250	992.158	969.852
42.5	1109.165	1099.281	1030.493	977.332	956.094
43.0	1094.339	1084.455	1017.269	962.906	942.737
43.5	1079.646	1069.094	1002.443	949.816	931.784
44.0	1064.419	1053.867	987.750	937.394	918.427
44.5	1048.792	1038.640	973.592	924.705	905.070
45.0	1033.965	1023.681	959.433	911.215	891.713
45.5	1019.006	1011.258	947.145	897.858	878.490
46.0	1004.580	996.165	934.723	884.634	865.133
46.5	990.555	981.072	920.832	871.277	851.909
47.0	980.671	967.715	906.940	858.054	838.686
47.5	965.978	953.022	893.049	844.697	825.329
48.0	951.286	939.531	879.024	831.473	812.239
48.5	936.593	924.839	865.133	817.983	799.016
49.0	922.167	910.146	851.108	804.759	786.059
49.5	907.742	895.587	837.217	791.536	773.103
50.0	893.450	881.028	823.326	778.446	760.280
50.5	879.024	866.469	809.434	765.490	747.591
51.0	864.599	852.043	795.677	752.533	734.769
51.5	850.173	837.484	781.919	739.444	722.213
52.0	835.748	823.058	768.428	726.487	709.524
52.5	821.322	808.900	755.071	713.665	696.835
53.0	806.763	794.875	741.848	700.842	684.279
53.5	792.604	780.850	728.758	688.019	671.590
54.0	778.446	766.825	715.668	675.330	658.901
54.5	764.421	752.934	702.712	662.641	646.078

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CANDELA TABULATION - (Cont.)

55.0	750.396	739.176	689.755	650.219	633.790
55.5	736.505	725.419	676.666	637.797	621.234
56.0	722.614	711.928	663.709	625.375	609.213
56.5	708.990	698.438	650.753	613.086	597.058
57.0	695.365	684.947	637.930	600.931	585.170
57.5	682.008	671.590	624.974	588.910	573.416
58.0	668.518	658.233	612.151	577.022	561.795
58.5	655.428	644.876	599.462	565.135	550.175
59.0	642.205	631.653	587.040	553.514	538.688
59.5	628.981	618.696	574.752	541.894	527.201
60.0	615.758	605.740	562.730	530.406	515.981
60.5	602.668	592.784	550.576	519.053	504.895
61.0	589.712	579.827	538.554	507.833	493.942
61.5	576.755	567.005	526.533	496.613	483.256
62.0	563.799	554.316	514.912	485.661	472.571
62.5	550.976	541.493	503.292	474.841	462.019
63.0	538.020	528.937	491.671	464.022	451.600
63.5	525.197	516.382	480.318	453.337	441.315
64.0	512.508	503.826	468.831	442.517	431.030
64.5	499.953	491.404	457.477	431.832	420.746
65.0	487.531	478.982	446.124	421.146	410.461
65.5	475.109	466.694	434.770	410.461	400.042
66.0	462.553	454.539	423.417	399.909	388.422
66.5	450.264	442.250	412.197	389.223	378.137
67.0	437.842	430.095	400.977	378.537	367.852
67.5	425.554	417.941	389.757	367.985	357.700
68.0	413.266	405.786	378.537	357.433	347.683
68.5	401.111	393.764	367.184	347.148	337.531
69.0	388.956	381.610	356.098	336.730	327.647
69.5	376.667	369.588	345.011	326.579	317.763
70.0	364.513	357.700	334.192	316.427	308.012
70.5	352.491	345.946	323.373	306.543	298.395
71.0	340.336	333.925	312.955	296.659	288.912
71.5	328.449	322.304	302.402	286.908	279.428
72.0	316.694	310.684	291.984	277.291	270.212
72.5	304.940	299.330	281.699	267.808	260.862
73.0	293.453	288.110	271.548	258.324	251.779
73.5	281.699	276.891	261.396	249.108	242.697
74.0	270.212	265.938	251.379	239.758	233.748
74.5	258.992	254.985	241.495	230.675	224.932
75.0	247.772	244.433	231.744	221.593	216.116
75.5	236.686	233.748	222.127	212.643	207.434
76.0	225.867	223.195	212.643	203.828	199.153
76.5	215.181	212.777	203.294	195.146	190.738
77.0	204.629	202.626	193.944	186.597	182.323
77.5	194.211	192.608	184.861	178.182	174.309
78.0	183.926	182.724	175.778	169.901	166.428
78.5	173.908	172.973	167.096	161.753	158.548
79.0	164.024	163.490	158.548	153.739	150.801
79.5	154.407	154.140	149.999	145.858	143.187
80.0	144.923	144.923	141.718	138.111	135.574
80.5	135.707	135.974	133.570	130.498	128.227
81.0	126.491	127.159	125.556	122.884	120.881
81.5	117.675	118.477	117.675	115.404	113.668
82.0	108.993	110.062	109.928	108.058	106.589
82.5	100.445	101.780	102.181	100.845	99.510

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CANDELA TABULATION - (Cont.)

83.0	92.297	93.633	94.568	93.766	92.698
83.5	84.283	85.886	87.221	86.821	85.886
84.0	76.402	78.138	80.008	79.875	79.207
84.5	68.789	70.792	72.929	73.196	72.529
85.0	61.442	63.579	66.117	66.651	65.984
85.5	54.363	56.767	59.439	60.107	59.572
86.0	47.417	49.955	52.760	53.829	53.428
86.5	40.872	43.410	46.349	47.551	47.150
87.0	34.461	36.999	39.937	41.407	41.140
87.5	28.317	30.855	33.793	35.530	35.396
88.0	22.306	24.844	27.916	29.920	30.053
88.5	16.296	18.967	22.306	24.577	24.844
89.0	10.285	13.223	16.696	19.234	19.234
89.5	4.541	8.148	11.487	13.758	13.891
90.0	0.801	4.007	7.613	10.151	10.953
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-4-00-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-4-00-L10-RGB835-F-DMX-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	668.57	N.A.	15.50
0-30	1380.48	N.A.	32.10
0-40	2172.86	N.A.	50.50
0-60	3538.37	N.A.	82.20
0-80	4230.23	N.A.	98.30
0-90	4304.09	N.A.	100.00
10-90	4128.44	N.A.	95.90
20-40	1504.29	N.A.	34.90
20-50	2249.48	N.A.	52.30
40-70	1810.1	N.A.	42.10
60-80	691.86	N.A.	16.10
70-80	247.28	N.A.	5.70
80-90	73.86	N.A.	1.70
90-110	0.19	N.A.	0.00
90-120	0.19	N.A.	0.00
90-130	0.19	N.A.	0.00
90-150	0.19	N.A.	0.00
90-180	0.19	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4304.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	175.66
10-20	492.91
20-30	711.91
30-40	792.38
40-50	745.19
50-60	620.33
60-70	444.58
70-80	247.28
80-90	73.86
90-100	0.19
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-4-00-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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	71	64	58	69	62	57	67	61	56	65	59	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	58	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	43	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	49	41	36	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

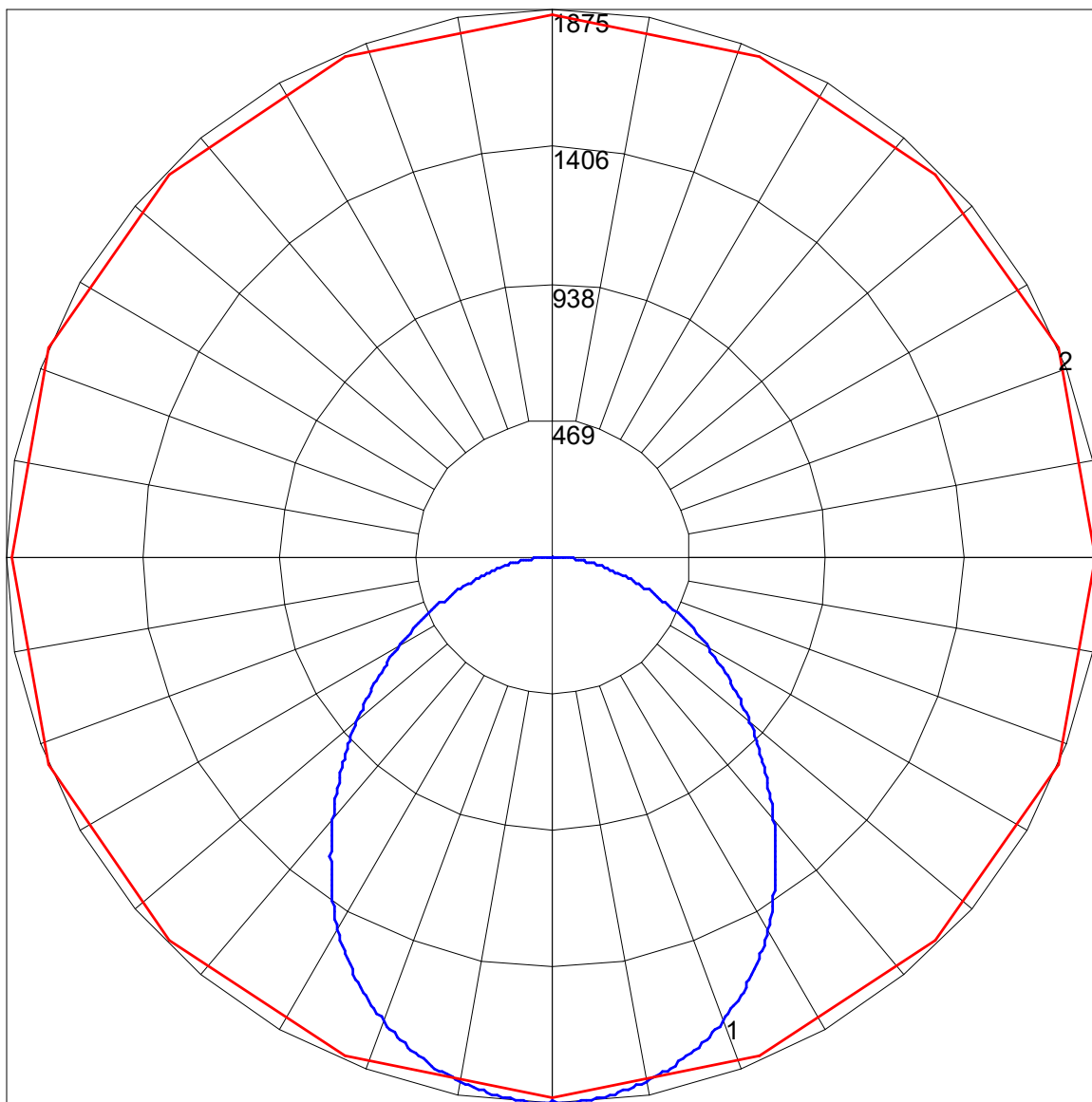
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2RX-4-00-L10-RGB835-F-DMX-UNV_.IES

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	22.5	24.1	22.9	24.4	24.7	21.6	23.1	21.9	23.4	23.8
	3H	24.2	25.6	24.6	25.9	26.3	23.2	24.6	23.6	24.9	25.3
	4H	24.8	26.1	25.2	26.5	26.8	23.8	25.1	24.2	25.5	25.9
	6H	25.2	26.4	25.6	26.8	27.2	24.3	25.5	24.7	25.9	26.3
	8H	25.3	26.5	25.8	26.9	27.3	24.5	25.6	24.9	26.0	26.4
	12H	25.4	26.5	25.8	26.9	27.4	24.6	25.7	25.0	26.1	26.5
4H	2H	23.0	24.3	23.4	24.7	25.1	22.2	23.6	22.6	23.9	24.3
	3H	24.9	26.0	25.3	26.4	26.8	24.1	25.2	24.5	25.6	26.0
	4H	25.6	26.6	26.1	27.0	27.5	24.8	25.8	25.2	26.2	26.7
	6H	26.2	27.1	26.6	27.5	28.0	25.4	26.3	25.9	26.7	27.2
	8H	26.4	27.2	26.8	27.6	28.1	25.6	26.4	26.1	26.9	27.4
	12H	26.5	27.2	27.0	27.7	28.2	25.8	26.5	26.3	27.0	27.5
8H	4H	25.9	26.7	26.3	27.1	27.6	25.1	26.0	25.6	26.4	26.9
	6H	26.5	27.2	27.0	27.7	28.2	25.9	26.5	26.4	27.0	27.5
	8H	26.8	27.4	27.3	27.9	28.4	26.1	26.8	26.7	27.3	27.8
	12H	27.0	27.5	27.5	28.0	28.6	26.4	27.0	26.9	27.5	28.0
12H	4H	25.9	26.6	26.4	27.1	27.6	25.2	25.9	25.7	26.4	26.9
	6H	26.6	27.2	27.1	27.7	28.2	25.9	26.6	26.5	27.0	27.6
	8H	26.9	27.4	27.4	27.9	28.5	26.3	26.8	26.8	27.3	27.9

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 1875.323 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.)