



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2RG-6-00-P8-940-F-POE PR_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 13012869.02
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 27 JUNE 2022
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] MX2RG-6-00-P8-940-F-POE PR
[LUMINAIRE] 2 INCH WIDE LINEAR RECESSED LED
[MORE] W/FLAT DIFFUSE LENS
[LAMP] LED
[LAMPCAT] HLM 90 CRI 4000K CCT

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4464
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	37.8
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)	5.92 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	16494	15305	14225
55	14758	13565	12464
65	13013	11908	10956
75	10799	10100	9419
85	7952	8557	8540

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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	1932.304	1932.304	1932.304	1932.304	1932.304
0.5	1929.533	1944.770	1929.533	1928.148	1925.378
1.0	1929.533	1944.770	1928.148	1928.148	1925.378
1.5	1929.533	1943.385	1928.148	1928.148	1923.993
2.0	1929.533	1943.385	1926.763	1926.763	1925.378
2.5	1928.148	1942.000	1925.378	1926.763	1923.993
3.0	1925.378	1940.615	1923.993	1925.378	1922.608
3.5	1925.378	1939.230	1922.608	1925.378	1921.222
4.0	1922.608	1937.844	1919.837	1922.608	1918.452
4.5	1921.222	1935.074	1918.452	1921.222	1915.682
5.0	1919.837	1932.304	1915.682	1918.452	1914.297
5.5	1917.067	1930.919	1912.912	1915.682	1911.526
6.0	1914.297	1928.148	1910.141	1912.912	1907.371
6.5	1911.526	1925.378	1907.371	1908.756	1904.601
7.0	1908.756	1921.222	1904.601	1905.986	1901.830
7.5	1904.601	1918.452	1900.445	1900.445	1897.675
8.0	1901.830	1914.297	1897.675	1896.290	1893.519
8.5	1897.675	1911.526	1893.519	1890.749	1887.979
9.0	1894.904	1907.371	1889.364	1886.593	1882.438
9.5	1890.749	1903.215	1885.208	1879.668	1876.897
10.0	1886.593	1897.675	1879.668	1874.127	1869.971
10.5	1882.438	1893.519	1875.512	1868.586	1863.046
11.0	1876.897	1889.364	1869.971	1861.660	1856.120
11.5	1871.357	1883.823	1864.431	1856.120	1847.809
12.0	1867.201	1878.282	1858.890	1847.809	1840.883
12.5	1861.660	1872.742	1851.964	1840.883	1831.187
13.0	1854.735	1867.201	1845.038	1832.572	1822.876
13.5	1850.579	1861.660	1836.727	1824.261	1814.565
14.0	1843.653	1854.735	1831.187	1815.950	1806.254
14.5	1836.727	1849.194	1822.876	1807.639	1796.558
15.0	1831.187	1840.883	1814.565	1797.943	1788.247
15.5	1824.261	1833.957	1806.254	1789.632	1778.551
16.0	1818.720	1827.031	1797.943	1779.936	1767.469
16.5	1811.795	1820.106	1789.632	1770.240	1757.773
17.0	1806.254	1813.180	1779.936	1760.543	1748.077
17.5	1797.943	1806.254	1770.240	1749.462	1736.996
18.0	1788.247	1799.328	1760.543	1738.381	1725.914
18.5	1779.936	1789.632	1750.847	1728.685	1714.833
19.0	1771.625	1781.321	1741.151	1717.603	1703.752
19.5	1761.929	1771.625	1730.070	1706.522	1691.285
20.0	1753.618	1761.929	1718.989	1694.056	1680.204
20.5	1743.922	1752.232	1709.292	1682.974	1667.737
21.0	1735.611	1742.536	1698.211	1670.508	1655.271
21.5	1727.300	1731.455	1687.130	1658.041	1642.805
22.0	1716.218	1721.759	1677.434	1644.190	1628.953
22.5	1706.522	1712.063	1664.967	1631.723	1615.101
23.0	1696.826	1700.981	1653.886	1617.872	1601.250
23.5	1687.130	1689.900	1642.805	1604.020	1586.013
24.0	1676.048	1680.204	1630.338	1590.168	1572.161
24.5	1664.967	1669.123	1617.872	1576.317	1558.310
25.0	1653.886	1658.041	1605.405	1562.465	1544.458
25.5	1642.805	1645.575	1591.553	1548.613	1530.606
26.0	1630.338	1634.494	1577.702	1534.762	1515.369
26.5	1619.257	1622.027	1565.235	1519.525	1501.518

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27.0	1606.790	1609.561	1551.384	1505.673	1486.281
27.5	1594.324	1597.094	1537.532	1491.822	1472.429
28.0	1580.472	1584.628	1525.066	1477.970	1458.578
28.5	1568.006	1570.776	1509.829	1462.733	1443.341
29.0	1554.154	1556.924	1495.977	1448.882	1429.489
29.5	1541.688	1544.458	1482.126	1435.030	1414.252
30.0	1527.836	1530.606	1466.889	1419.793	1400.401
30.5	1513.984	1516.755	1453.037	1405.941	1384.610
31.0	1500.133	1501.518	1437.800	1390.705	1369.789
31.5	1486.281	1486.281	1422.563	1375.468	1354.552
32.0	1471.044	1471.044	1405.941	1359.816	1339.731
32.5	1457.193	1457.193	1390.705	1343.471	1323.663
33.0	1443.341	1440.571	1375.606	1327.403	1307.595
33.5	1428.104	1425.334	1359.677	1310.919	1292.081
34.0	1414.252	1410.097	1343.609	1294.574	1276.290
34.5	1400.401	1394.860	1327.957	1278.229	1259.530
35.0	1385.164	1378.931	1311.750	1261.330	1242.769
35.5	1370.758	1363.140	1295.544	1244.847	1225.455
36.0	1355.937	1346.933	1279.753	1228.086	1207.725
36.5	1340.700	1331.420	1263.408	1210.910	1189.856
37.0	1326.018	1315.075	1247.340	1194.288	1171.572
37.5	1310.227	1299.284	1230.857	1176.974	1153.288
38.0	1294.297	1283.493	1214.373	1159.936	1135.142
38.5	1278.783	1267.564	1198.028	1143.037	1117.412
39.0	1263.131	1251.496	1181.268	1125.584	1099.266
39.5	1246.648	1236.120	1164.646	1108.824	1082.090
40.0	1230.303	1220.052	1148.301	1091.509	1068.238
40.5	1214.927	1203.985	1131.956	1075.995	1052.032
41.0	1198.167	1188.194	1116.027	1060.897	1036.241
41.5	1182.237	1172.264	1099.543	1044.552	1020.727
42.0	1166.308	1156.473	1082.921	1028.900	1005.768
42.5	1150.240	1139.990	1068.654	1013.525	991.500
43.0	1134.865	1124.615	1054.941	998.565	977.649
43.5	1119.628	1108.685	1039.566	984.990	966.290
44.0	1103.837	1092.894	1024.329	972.108	952.439
44.5	1087.631	1077.104	1009.646	958.949	938.587
45.0	1072.255	1061.590	994.963	944.959	924.736
45.5	1056.742	1048.708	982.220	931.107	911.022
46.0	1041.782	1033.055	969.338	917.394	897.171
46.5	1027.238	1017.403	954.932	903.542	883.458
47.0	1016.987	1003.551	940.526	889.829	869.744
47.5	1001.751	988.315	926.121	875.978	855.893
48.0	986.514	974.324	911.576	862.265	842.318
48.5	971.277	959.088	897.171	848.274	828.605
49.0	956.317	943.851	882.627	834.561	815.169
49.5	941.357	928.752	868.221	820.848	801.733
50.0	926.536	913.654	853.815	807.274	788.435
50.5	911.576	898.556	839.409	793.838	775.276
51.0	896.617	883.596	825.142	780.401	761.979
51.5	881.657	868.498	810.875	766.827	748.958
52.0	866.697	853.538	796.885	753.391	735.799
52.5	851.737	838.855	783.033	740.093	722.640
53.0	836.639	824.311	769.320	726.796	709.620
53.5	821.956	809.767	755.745	713.498	696.460
54.0	807.274	795.223	742.171	700.339	683.301
54.5	792.729	780.817	728.735	687.180	670.004

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CANDELA TABULATION - (Cont.)

55.0	778.185	766.550	715.299	674.298	657.260
55.5	763.779	752.283	701.724	661.416	644.240
56.0	749.374	738.292	688.288	648.534	631.773
56.5	735.245	724.302	674.852	635.790	619.168
57.0	721.116	710.312	661.554	623.185	606.840
57.5	707.265	696.460	648.118	610.719	594.651
58.0	693.275	682.609	634.821	598.391	582.600
58.5	679.700	668.757	621.662	586.063	570.549
59.0	665.987	655.044	608.780	574.012	558.637
59.5	652.274	641.608	596.036	561.961	546.724
60.0	638.561	628.172	583.570	550.049	535.089
60.5	624.986	614.736	570.965	538.275	523.592
61.0	611.550	601.300	558.498	526.639	512.234
61.5	598.114	588.002	546.032	515.004	501.152
62.0	584.678	574.843	533.981	503.646	490.071
62.5	571.380	561.545	521.930	492.426	479.128
63.0	557.944	548.525	509.879	481.206	468.324
63.5	544.646	535.504	498.105	470.125	457.658
64.0	531.487	522.484	486.193	458.905	446.992
64.5	518.467	509.602	474.419	447.824	436.327
65.0	505.585	496.720	462.645	436.742	425.661
65.5	492.703	483.976	450.871	425.661	414.857
66.0	479.682	471.371	439.097	414.718	402.806
66.5	466.939	458.628	427.462	403.637	392.140
67.0	454.057	446.023	415.826	392.555	381.474
67.5	441.313	433.418	404.191	381.613	370.947
68.0	428.570	420.813	392.555	370.670	360.558
68.5	415.965	408.346	380.782	360.004	350.031
69.0	403.360	395.741	369.285	349.200	339.781
69.5	390.616	383.275	357.788	338.673	329.531
70.0	378.011	370.947	346.568	328.145	319.419
70.5	365.545	358.757	335.348	317.895	309.446
71.0	352.940	346.291	324.544	307.645	299.611
71.5	340.612	334.240	313.601	297.533	289.776
72.0	328.422	322.189	302.797	287.560	280.219
72.5	316.233	310.415	292.131	277.725	270.523
73.0	304.321	298.780	281.604	267.891	261.103
73.5	292.131	287.145	271.077	258.333	251.684
74.0	280.219	275.786	260.688	248.637	242.404
74.5	268.583	264.428	250.438	239.218	233.262
75.0	256.948	253.485	240.326	229.799	224.120
75.5	245.451	242.404	230.353	220.518	215.116
76.0	234.231	231.461	220.518	211.376	206.528
76.5	223.150	220.657	210.822	202.372	197.801
77.0	212.207	210.129	201.126	193.507	189.075
77.5	201.403	199.741	191.707	184.781	180.764
78.0	190.737	189.490	182.288	176.193	172.591
78.5	180.348	179.379	173.284	167.743	164.419
79.0	170.098	169.544	164.419	159.432	156.385
79.5	160.125	159.848	155.554	151.260	148.490
80.0	150.290	150.290	146.966	143.226	140.594
80.5	140.733	141.010	138.516	135.331	132.976
81.0	131.175	131.868	130.205	127.435	125.357
81.5	122.033	122.864	122.033	119.678	117.877
82.0	113.029	114.138	113.999	112.060	110.536
82.5	104.164	105.549	105.965	104.580	103.195

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CANDELA TABULATION - (Cont.)

83.0	95.715	97.100	98.070	97.239	96.130
83.5	87.404	89.066	90.451	90.036	89.066
84.0	79.231	81.032	82.971	82.833	82.140
84.5	71.336	73.414	75.630	75.907	75.214
85.0	63.718	65.934	68.566	69.120	68.427
85.5	56.376	58.869	61.640	62.332	61.778
86.0	49.173	51.805	54.714	55.822	55.407
86.5	42.386	45.018	48.065	49.312	48.896
87.0	35.737	38.369	41.416	42.940	42.663
87.5	29.365	31.997	35.045	36.845	36.707
88.0	23.132	25.764	28.950	31.028	31.166
88.5	16.899	19.669	23.132	25.487	25.764
89.0	10.666	13.713	17.315	19.946	19.946
89.5	4.710	8.450	11.912	14.267	14.406
90.0	0.831	4.155	7.895	10.527	11.358
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 : MX2RG-6-00-P8-940-F-POE PR_.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 : MX2RG-6-00-P8-940-F-POE PR_.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 : MX2RG-6-00-P8-940-F-POE PR_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	693.33	N.A.	15.50
0-30	1431.6	N.A.	32.10
0-40	2253.32	N.A.	50.50
0-60	3669.41	N.A.	82.20
0-80	4386.89	N.A.	98.30
0-90	4463.49	N.A.	100.00
10-90	4281.32	N.A.	95.90
20-40	1560.00	N.A.	34.90
20-50	2332.78	N.A.	52.30
40-70	1877.13	N.A.	42.10
60-80	717.48	N.A.	16.10
70-80	256.43	N.A.	5.70
80-90	76.60	N.A.	1.70
90-110	0.20	N.A.	0.00
90-120	0.20	N.A.	0.00
90-130	0.20	N.A.	0.00
90-150	0.20	N.A.	0.00
90-180	0.20	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4463.68	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	182.16
10-20	511.16
20-30	738.27
30-40	821.73
40-50	772.78
50-60	643.30
60-70	461.05
70-80	256.43
80-90	76.60
90-100	0.20
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 : MX2RG-6-00-P8-940-F-POE PR_.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	92	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 : MX2RG-6-00-P8-940-F-POE PR_.IES

UGR TABLE - CORRECTED

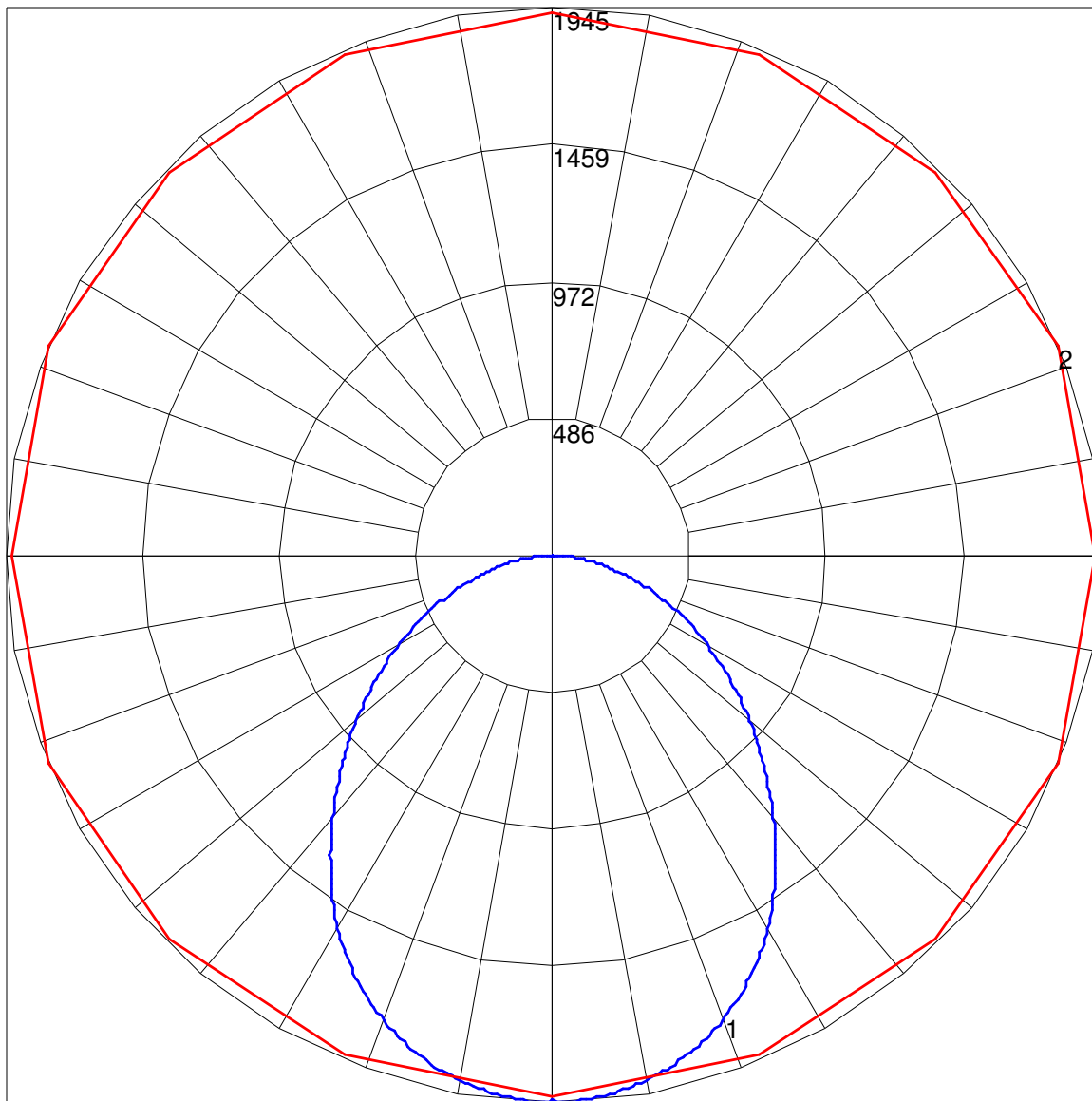
Reflectances

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	21.3	22.8	21.6	23.1	23.5	20.3	21.9	20.7	22.2	22.5
	3H	22.9	24.3	23.3	24.7	25.0	21.9	23.3	22.3	23.7	24.0
	4H	23.5	24.8	23.9	25.2	25.6	22.5	23.9	22.9	24.2	24.6
	6H	23.9	25.2	24.4	25.5	25.9	23.0	24.2	23.4	24.6	25.0
	8H	24.1	25.2	24.5	25.6	26.0	23.2	24.4	23.6	24.8	25.2
	12H	24.2	25.3	24.6	25.7	26.1	23.3	24.4	23.7	24.8	25.3
4H	2H	21.7	23.1	22.1	23.4	23.8	21.0	22.3	21.4	22.6	23.0
	3H	23.6	24.7	24.0	25.1	25.5	22.8	23.9	23.2	24.3	24.7
	4H	24.4	25.4	24.8	25.8	26.2	23.6	24.5	24.0	25.0	25.4
	6H	24.9	25.8	25.4	26.2	26.7	24.2	25.0	24.6	25.5	25.9
	8H	25.1	25.9	25.6	26.4	26.8	24.4	25.2	24.8	25.6	26.1
	12H	25.2	26.0	25.7	26.4	26.9	24.6	25.3	25.0	25.8	26.2
8H	4H	24.6	25.4	25.1	25.9	26.3	23.9	24.7	24.3	25.1	25.6
	6H	25.3	26.0	25.8	26.4	26.9	24.6	25.3	25.1	25.8	26.2
	8H	25.5	26.1	26.0	26.6	27.1	24.9	25.5	25.4	26.0	26.5
	12H	25.7	26.3	26.2	26.8	27.3	25.2	25.7	25.7	26.2	26.8
12H	4H	24.6	25.4	25.1	25.8	26.3	23.9	24.6	24.4	25.1	25.6
	6H	25.3	25.9	25.8	26.4	26.9	24.7	25.3	25.2	25.8	26.3
	8H	25.6	26.2	26.1	26.7	27.2	25.0	25.6	25.5	26.1	26.6

Maximum UGR = 27.3

POLAR GRAPH



Maximum Candela = 1944.77 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.)