

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2D-6-00-L8-835-F-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM 13012869.01

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 05-04-2021

[MANUFAC] H E Williams Inc

[LUMCAT] MX2D-6'00-L8/835-F-DIM-UNV

[LUMINAIRE] Formed White aluminum housing, frosted plastic lens

[LAMP] 144 White LEDs

[BALLAST] One Philips Advance XI040C110V054BST1 Driver

[OTHER] 24.6 C, 119.988 V, 0.225834 A, 26.9225 W, 0.993544 PF, 59.9999

[MORE] Hz

[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	4510
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	40.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	6.00 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	16624	15214	13945
55	14665	13333	12074
65	12893	11597	10500
75	10630	9738	9041
85	7668	8246	8433

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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	1993.899	1993.899	1993.899	1993.899	1993.899
0.5	1990.869	2006.020	1989.354	1989.354	1986.324
1.0	1989.354	2006.020	1989.354	1989.354	1986.324
1.5	1989.354	2004.505	1989.354	1989.354	1986.324
2.0	1989.354	2004.505	1987.839	1989.354	1986.324
2.5	1987.839	2002.990	1987.839	1989.354	1986.324
3.0	1986.324	2002.990	1986.324	1989.354	1984.808
3.5	1984.808	2001.475	1984.808	1987.839	1983.293
4.0	1983.293	1999.960	1983.293	1986.324	1981.778
4.5	1981.778	1998.445	1980.263	1984.808	1980.263
5.0	1978.748	1995.414	1978.748	1983.293	1977.233
5.5	1977.233	1993.899	1975.718	1980.263	1975.718
6.0	1974.203	1990.869	1974.203	1977.233	1972.688
6.5	1971.172	1987.839	1971.172	1972.688	1968.142
7.0	1968.142	1984.808	1968.142	1968.142	1963.597
7.5	1965.112	1981.778	1965.112	1963.597	1959.051
8.0	1962.082	1978.748	1960.567	1957.536	1954.506
8.5	1957.536	1974.203	1957.536	1952.991	1948.446
9.0	1952.991	1971.172	1952.991	1946.930	1942.385
9.5	1949.961	1966.627	1948.446	1940.870	1934.809
10.0	1945.415	1962.082	1942.385	1933.294	1927.234
10.5	1940.870	1957.536	1937.840	1927.234	1919.658
11.0	1936.325	1952.991	1930.264	1919.658	1910.568
11.5	1930.264	1946.930	1924.204	1912.083	1902.992
12.0	1925.719	1942.385	1918.143	1904.507	1893.901
12.5	1919.658	1936.325	1910.568	1895.416	1884.811
13.0	1913.598	1930.264	1902.992	1887.841	1875.720
13.5	1907.537	1924.204	1895.416	1878.750	1868.144
14.0	1901.477	1918.143	1887.841	1869.659	1857.538
14.5	1893.901	1910.568	1878.750	1860.569	1846.932
15.0	1886.326	1902.992	1869.659	1849.963	1837.842
15.5	1880.265	1896.931	1860.569	1839.357	1827.236
16.0	1872.690	1887.841	1851.478	1830.266	1816.630
16.5	1865.114	1880.265	1842.387	1819.660	1806.024
17.0	1857.538	1871.174	1831.781	1807.539	1793.903
17.5	1849.963	1863.599	1821.175	1796.933	1783.297
18.0	1840.872	1854.508	1810.570	1784.813	1771.176
18.5	1833.296	1845.417	1799.964	1774.207	1759.055
19.0	1824.206	1836.327	1789.358	1762.086	1746.934
19.5	1815.115	1825.721	1778.752	1749.965	1734.814
20.0	1806.024	1816.630	1766.631	1737.844	1722.693
20.5	1796.933	1806.024	1754.510	1724.208	1709.056
21.0	1786.328	1795.418	1743.904	1710.572	1695.420
21.5	1777.237	1784.813	1731.783	1696.936	1681.784
22.0	1766.631	1774.207	1719.662	1683.299	1666.633
22.5	1757.540	1763.601	1707.541	1669.663	1651.482
23.0	1746.934	1752.995	1693.905	1654.512	1637.846
23.5	1736.329	1740.874	1681.784	1640.876	1621.179
24.0	1724.208	1730.268	1669.663	1625.725	1606.028
24.5	1713.602	1718.147	1656.027	1610.574	1590.877
25.0	1701.481	1706.026	1642.391	1596.938	1575.726
25.5	1690.875	1692.390	1630.270	1581.786	1560.575
26.0	1677.239	1680.269	1615.119	1565.120	1545.423
26.5	1665.118	1666.633	1601.483	1549.969	1530.272

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CANDELA TABULATION - (Cont.)

27.0	1651.482	1654.512	1587.847	1536.333	1514.970
27.5	1639.361	1640.876	1572.696	1521.181	1499.364
28.0	1625.725	1627.240	1559.059	1504.667	1484.364
28.5	1612.089	1613.604	1543.908	1489.667	1469.061
29.0	1598.453	1598.453	1528.757	1474.516	1454.062
29.5	1581.786	1584.817	1513.303	1458.910	1437.850
30.0	1568.150	1569.665	1497.849	1444.062	1421.941
30.5	1554.514	1554.514	1481.788	1427.850	1406.032
31.0	1539.363	1539.363	1465.577	1412.244	1390.275
31.5	1524.212	1524.212	1449.365	1395.729	1373.306
32.0	1509.515	1508.606	1433.153	1379.063	1356.942
32.5	1494.515	1491.940	1416.638	1362.094	1340.882
33.0	1479.516	1475.879	1400.123	1345.124	1323.610
33.5	1464.213	1459.365	1383.457	1327.852	1307.246
34.0	1448.759	1442.698	1366.185	1310.580	1289.368
34.5	1433.153	1425.880	1349.670	1293.004	1272.096
35.0	1418.002	1409.366	1332.549	1275.126	1254.369
35.5	1402.093	1392.851	1315.276	1257.853	1235.884
36.0	1385.881	1375.578	1298.459	1239.672	1217.248
36.5	1370.881	1358.760	1281.035	1221.491	1197.703
37.0	1354.367	1341.943	1263.156	1203.309	1178.310
37.5	1338.003	1325.125	1245.581	1184.976	1159.068
38.0	1322.095	1308.004	1227.703	1166.643	1139.825
38.5	1305.580	1291.338	1210.127	1147.704	1123.765
39.0	1288.762	1274.520	1192.855	1130.280	1108.008
39.5	1271.944	1257.853	1175.431	1115.584	1089.675
40.0	1254.823	1241.339	1157.855	1098.917	1071.797
40.5	1238.005	1224.672	1140.886	1081.039	1054.524
41.0	1221.491	1208.309	1127.553	1063.766	1037.858
41.5	1204.521	1191.794	1111.493	1047.100	1021.646
42.0	1187.855	1174.976	1096.493	1030.737	1006.040
42.5	1170.885	1158.461	1079.978	1015.131	990.889
43.0	1154.522	1141.644	1064.069	999.828	976.192
43.5	1138.765	1128.614	1048.312	984.829	961.647
44.0	1124.977	1113.614	1032.858	970.132	947.405
44.5	1111.796	1097.705	1017.555	955.587	933.011
45.0	1095.281	1082.099	1002.404	941.345	918.769
45.5	1079.221	1065.736	987.404	927.103	904.679
46.0	1063.160	1049.524	972.556	913.012	890.437
46.5	1047.252	1033.464	957.860	898.770	876.497
47.0	1031.191	1017.707	943.163	884.679	862.407
47.5	1015.283	1001.949	928.315	870.286	848.316
48.0	999.677	986.192	913.466	856.043	834.377
48.5	984.223	970.586	898.467	841.953	820.438
49.0	968.768	954.981	883.467	827.862	806.650
49.5	953.314	939.678	868.316	813.923	793.014
50.0	937.860	924.224	853.468	799.984	779.378
50.5	922.406	908.770	838.619	786.196	765.894
51.0	906.951	893.467	823.923	772.560	752.409
51.5	891.194	878.164	809.378	758.773	738.925
52.0	875.740	862.558	794.984	745.136	725.440
52.5	860.134	847.407	781.045	731.500	712.107
53.0	844.831	832.256	767.106	718.016	698.622
53.5	829.529	817.256	753.470	704.531	685.138
54.0	814.226	802.408	739.682	691.047	671.805
54.5	798.923	787.711	726.046	677.562	658.472

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CANDELA TABULATION - (Cont.)

55.0	783.772	773.015	712.561	664.229	645.290
55.5	768.924	758.470	699.077	651.048	632.260
56.0	754.227	743.773	685.592	638.169	619.381
56.5	739.682	729.228	672.108	625.290	606.957
57.0	725.440	714.834	658.472	612.563	594.685
57.5	711.198	700.743	644.987	599.988	582.564
58.0	697.259	686.804	631.502	587.412	570.595
58.5	683.320	672.865	618.169	574.988	558.625
59.0	669.380	659.078	605.139	562.716	546.807
59.5	655.593	645.290	591.958	550.746	535.141
60.0	642.108	631.502	578.928	538.929	523.626
60.5	628.472	617.866	566.201	527.111	511.959
61.0	614.988	604.382	553.625	515.444	500.596
61.5	601.352	591.200	541.050	503.778	489.384
62.0	587.867	578.019	528.626	492.414	478.475
62.5	574.382	564.989	516.353	481.202	467.415
63.0	561.049	551.807	504.232	469.991	456.506
63.5	547.716	538.626	492.263	458.779	445.749
64.0	534.383	525.444	480.293	447.870	434.991
64.5	521.050	512.262	468.475	436.809	424.234
65.0	507.717	499.232	456.657	425.901	413.477
65.5	494.535	486.354	444.991	414.840	402.871
66.0	481.354	473.475	433.325	403.931	392.871
66.5	468.172	460.748	421.658	393.022	382.265
67.0	455.294	447.718	409.992	382.114	371.811
67.5	442.264	434.840	398.325	371.356	361.205
68.0	429.234	421.961	386.810	360.599	350.902
68.5	416.355	409.234	375.144	349.993	340.599
69.0	403.477	396.659	363.629	339.539	330.448
69.5	390.447	384.083	352.114	329.084	320.297
70.0	377.871	371.508	340.902	318.781	310.448
70.5	365.296	359.084	329.690	308.630	300.600
71.0	352.720	346.508	318.630	298.479	290.903
71.5	340.448	334.387	307.570	288.631	281.358
72.0	328.175	322.266	296.661	278.782	271.964
72.5	316.054	310.448	286.055	269.085	262.722
73.0	303.933	298.630	275.600	259.540	253.480
73.5	291.812	286.964	265.146	249.995	244.389
74.0	279.843	275.297	254.843	240.601	235.450
74.5	268.025	263.783	244.844	231.510	226.662
75.0	256.358	252.571	234.844	222.420	218.026
75.5	244.844	241.359	224.995	213.481	209.541
76.0	233.329	230.601	215.147	204.541	201.057
76.5	222.117	219.693	205.602	195.754	192.723
77.0	210.905	209.087	196.057	187.269	184.542
77.5	199.996	198.481	186.966	178.784	176.360
78.0	189.239	188.178	177.875	170.603	168.330
78.5	178.633	178.027	168.936	162.421	160.451
79.0	168.330	168.027	160.300	154.542	152.724
79.5	158.027	158.482	151.664	146.664	145.149
80.0	148.179	149.088	143.027	138.785	137.573
80.5	138.482	139.846	134.846	131.209	130.149
81.0	129.088	130.755	126.816	123.634	122.876
81.5	119.846	121.967	118.634	116.210	115.604
82.0	110.907	113.180	110.907	108.937	108.634
82.5	102.119	104.695	103.028	101.816	101.513

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CANDELA TABULATION - (Cont.)

83.0	93.786	96.362	95.453	94.847	94.695
83.5	85.453	88.332	88.029	87.877	87.877
84.0	77.574	80.604	80.756	81.059	81.362
84.5	69.847	73.029	73.786	74.544	74.847
85.0	62.271	65.605	66.968	68.029	68.483
85.5	55.150	58.484	60.302	61.665	62.423
86.0	48.181	51.514	53.787	55.453	56.211
86.5	41.514	44.999	47.423	49.393	50.454
87.0	34.999	38.484	41.211	43.484	44.696
87.5	28.636	32.272	35.302	37.727	38.939
88.0	22.424	26.212	29.393	31.969	33.484
88.5	16.363	20.151	23.484	26.515	28.181
89.0	10.151	13.939	17.424	20.151	21.818
89.5	4.091	7.576	9.848	11.060	12.121
90.0	0.909	3.485	5.303	6.818	7.424
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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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 : MX2D-6-00-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 : MX2D-6-00-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 : MX2D-6-00-L8-835-F-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	714.62	N.A.	15.80
0-30	1471.09	N.A.	32.60
0-40	2306.19	N.A.	51.10
0-60	3725.67	N.A.	82.60
0-80	4434.18	N.A.	98.30
0-90	4509.54	N.A.	100.00
10-90	4321.43	N.A.	95.80
20-40	1591.56	N.A.	35.30
20-50	2369.62	N.A.	52.50
40-70	1875.95	N.A.	41.60
60-80	708.50	N.A.	15.70
70-80	252.04	N.A.	5.60
80-90	75.37	N.A.	1.70
90-110	0.14	N.A.	0.00
90-120	0.14	N.A.	0.00
90-130	0.14	N.A.	0.00
90-150	0.14	N.A.	0.00
90-180	0.14	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4509.68	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	188.11
10-20	526.51
20-30	756.47
30-40	835.10
40-50	778.05
50-60	641.43
60-70	456.47
70-80	252.04
80-90	75.37
90-100	0.14
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 : MX2D-6-00-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	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	95	92	90	91	89	87	85
2	100	92	86	81	98	90	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54
5	78	66	57	51	76	65	57	51	63	55	50	61	54	49	59	53	49	47
6	72	60	51	45	70	59	51	45	57	50	44	55	49	44	54	48	44	42
7	67	54	46	40	66	54	46	40	52	45	40	51	44	39	49	43	39	37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	35	45	40	35	33
9	59	46	38	33	57	45	38	33	44	37	32	43	37	32	42	36	32	30
10	55	43	35	30	54	42	35	30	41	34	30	40	34	29	39	33	29	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2D-6-00-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

X=2H	Y=2H	21.2	22.8	21.6	23.1	23.4	20.1	21.6	20.4	21.9	22.2
	3H	22.9	24.3	23.2	24.6	24.9	21.7	23.1	22.1	23.4	23.8
	4H	23.4	24.8	23.8	25.1	25.5	22.3	23.6	22.7	23.9	24.3
	6H	23.9	25.1	24.3	25.4	25.8	22.8	24.0	23.2	24.3	24.7
	8H	24.0	25.1	24.4	25.5	25.9	22.9	24.1	23.3	24.5	24.9
	12H	24.1	25.2	24.5	25.6	26.0	23.1	24.2	23.5	24.5	25.0

UGR Viewed Endwise

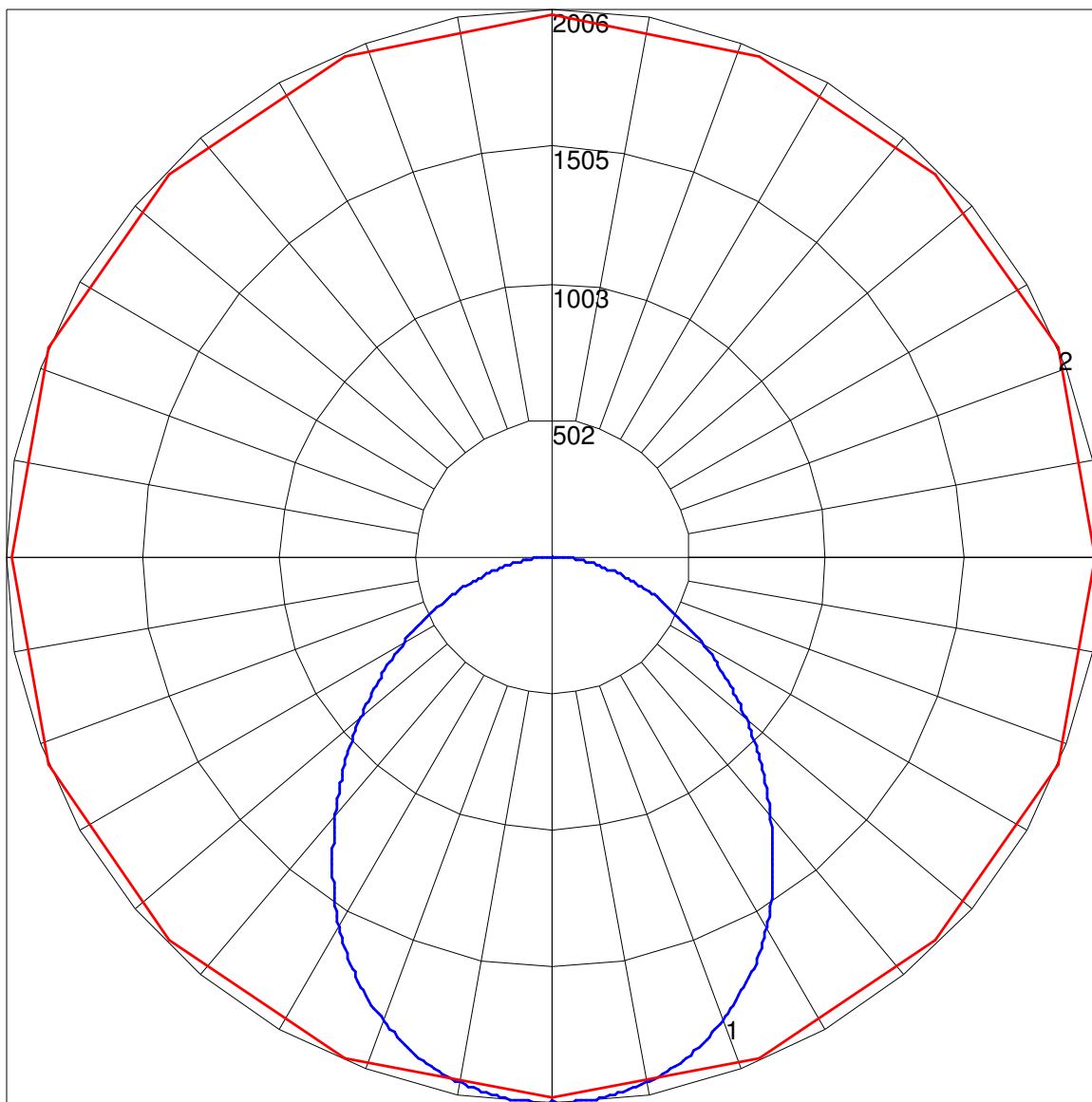
4H	2H	21.7	23.0	22.1	23.3	23.7	20.7	22.1	21.1	22.4	22.8
	3H	23.5	24.6	23.9	25.0	25.4	22.5	23.7	23.0	24.1	24.5
	4H	24.3	25.2	24.7	25.7	26.1	23.3	24.3	23.7	24.7	25.1
	6H	24.8	25.7	25.3	26.1	26.6	23.9	24.7	24.3	25.2	25.6
	8H	25.0	25.8	25.4	26.2	26.7	24.1	24.9	24.6	25.3	25.8
	12H	25.1	25.8	25.6	26.3	26.8	24.3	25.0	24.8	25.5	25.9

8H	4H	24.5	25.3	24.9	25.7	26.2	23.6	24.4	24.1	24.9	25.3
	6H	25.1	25.8	25.6	26.3	26.8	24.3	25.0	24.8	25.5	26.0
	8H	25.4	26.0	25.9	26.5	27.0	24.6	25.2	25.1	25.7	26.2
	12H	25.6	26.1	26.1	26.6	27.2	24.9	25.4	25.4	25.9	26.5

12H	4H	24.5	25.2	25.0	25.7	26.2	23.6	24.4	24.1	24.8	25.3
	6H	25.2	25.8	25.7	26.3	26.8	24.4	25.0	24.9	25.5	26.0
	8H	25.5	26.0	26.0	26.5	27.1	24.7	25.3	25.3	25.8	26.3

Maximum UGR = 27.2

POLAR GRAPH



Maximum Candela = 2006.02 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.)