



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2U-8-00-L12-840-FW-(L10)-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 13052732.23
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 12-05-2024
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.64836
[LUMINAIRE] 8' INDIRECT SUSPENDED LUMINAIRE
[OTHER] WITH FROSTED ACRYLIC LENS
[LUMCAT] MX2U-8-00-L12-840-FW-(L10)-DIM-UNV
[LAMPCAT] HLM 80 CRI, 4000K CCT
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Indoor, Architectural, Commercial, Indirect, Linear
[SEARCH_MOUNTING] Suspended
[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	7581
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	58.6
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
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	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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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	0.000	0.000	0.000	0.000	0.000
0.5	0.000	0.000	0.000	0.000	0.000
1.0	0.000	0.000	0.000	0.000	0.000
1.5	0.000	0.000	0.000	0.000	0.000
2.0	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000
3.0	0.000	0.000	0.000	0.000	0.000
3.5	0.000	0.000	0.000	0.000	0.000
4.0	0.000	0.000	0.000	0.000	0.000
4.5	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000
5.5	0.000	0.000	0.000	0.000	0.000
6.0	0.000	0.000	0.000	0.000	0.000
6.5	0.000	0.000	0.000	0.000	0.000
7.0	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000
8.0	0.000	0.000	0.000	0.000	0.000
8.5	0.000	0.000	0.000	0.000	0.000
9.0	0.000	0.000	0.000	0.000	0.000
9.5	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000
10.5	0.000	0.000	0.000	0.000	0.000
11.0	0.000	0.000	0.000	0.000	0.000
11.5	0.000	0.000	0.000	0.000	0.000
12.0	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000
13.0	0.000	0.000	0.000	0.000	0.000
13.5	0.000	0.000	0.000	0.000	0.000
14.0	0.000	0.000	0.000	0.000	0.000
14.5	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000
15.5	0.000	0.000	0.000	0.000	0.000
16.0	0.000	0.000	0.000	0.000	0.000
16.5	0.000	0.000	0.000	0.000	0.000
17.0	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000
18.0	0.000	0.000	0.000	0.000	0.000
18.5	0.000	0.000	0.000	0.000	0.000
19.0	0.000	0.000	0.000	0.000	0.000
19.5	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000
20.5	0.000	0.000	0.000	0.000	0.000
21.0	0.000	0.000	0.000	0.000	0.000
21.5	0.000	0.000	0.000	0.000	0.000
22.0	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000
23.0	0.000	0.000	0.000	0.000	0.000
23.5	0.000	0.000	0.000	0.000	0.000
24.0	0.000	0.000	0.000	0.000	0.000
24.5	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000
25.5	0.000	0.000	0.000	0.000	0.000
26.0	0.000	0.000	0.000	0.000	0.000
26.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

27.0	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000
28.0	0.000	0.000	0.000	0.000	0.000
28.5	0.000	0.000	0.000	0.000	0.000
29.0	0.000	0.000	0.000	0.000	0.000
29.5	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000
30.5	0.000	0.000	0.000	0.000	0.000
31.0	0.000	0.000	0.000	0.000	0.000
31.5	0.000	0.000	0.000	0.000	0.000
32.0	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000
33.0	0.000	0.000	0.000	0.000	0.000
33.5	0.000	0.000	0.000	0.000	0.000
34.0	0.000	0.000	0.000	0.000	0.000
34.5	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000
35.5	0.000	0.000	0.000	0.000	0.000
36.0	0.000	0.000	0.000	0.000	0.000
36.5	0.000	0.000	0.000	0.000	0.000
37.0	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000
38.0	0.000	0.000	0.000	0.000	0.000
38.5	0.000	0.000	0.000	0.000	0.000
39.0	0.000	0.000	0.000	0.000	0.000
39.5	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000
40.5	0.000	0.000	0.000	0.000	0.000
41.0	0.000	0.000	0.000	0.000	0.000
41.5	0.000	0.000	0.000	0.000	0.000
42.0	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000
43.0	0.000	0.000	0.000	0.000	0.000
43.5	0.000	0.000	0.000	0.000	0.000
44.0	0.000	0.000	0.000	0.000	0.000
44.5	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000
45.5	0.000	0.000	0.000	0.000	0.000
46.0	0.000	0.000	0.000	0.000	0.000
46.5	0.000	0.000	0.000	0.000	0.000
47.0	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000
48.0	0.000	0.000	0.000	0.000	0.000
48.5	0.000	0.000	0.000	0.000	0.000
49.0	0.000	0.000	0.000	0.000	0.000
49.5	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000
50.5	0.000	0.000	0.000	0.000	0.000
51.0	0.000	0.000	0.000	0.000	0.000
51.5	0.000	0.000	0.000	0.000	0.000
52.0	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000
53.0	0.000	0.000	0.000	0.000	0.000
53.5	0.000	0.000	0.000	0.000	0.000
54.0	0.000	0.000	0.000	0.000	0.000
54.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

55.0	0.000	0.000	0.000	0.000	0.000
55.5	0.000	0.000	0.000	0.000	0.000
56.0	0.000	0.000	0.000	0.000	0.000
56.5	0.000	0.000	0.000	0.000	0.000
57.0	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000
58.0	0.000	0.000	0.000	0.000	0.000
58.5	0.000	0.000	0.000	0.000	0.000
59.0	0.000	0.000	0.000	0.000	0.000
59.5	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000
60.5	0.000	0.000	0.000	0.000	0.000
61.0	0.000	0.000	0.000	0.000	0.000
61.5	0.000	0.000	0.000	0.000	0.000
62.0	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000
63.0	0.000	0.000	0.000	0.000	0.000
63.5	0.000	0.000	0.000	0.000	0.000
64.0	0.000	0.000	0.000	0.000	0.000
64.5	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000
65.5	0.000	0.000	0.000	0.000	0.000
66.0	0.000	0.000	0.000	0.000	0.000
66.5	0.000	0.000	0.000	0.000	0.000
67.0	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000
68.0	0.000	0.000	0.000	0.000	0.000
68.5	0.000	0.000	0.000	0.000	0.000
69.0	0.000	0.000	0.000	0.000	0.000
69.5	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000
70.5	0.000	0.000	0.000	0.000	0.000
71.0	0.000	0.000	0.000	0.000	0.000
71.5	0.000	0.000	0.000	0.000	0.000
72.0	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000
73.0	0.000	0.000	0.000	0.000	0.000
73.5	0.000	0.000	0.000	0.000	0.000
74.0	0.000	0.000	0.000	0.000	0.000
74.5	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000
75.5	0.000	0.000	0.000	0.000	0.000
76.0	0.000	0.000	0.000	0.000	0.000
76.5	0.000	0.000	0.000	0.000	0.000
77.0	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000
78.0	0.000	0.000	0.000	0.000	0.000
78.5	0.000	0.000	0.000	0.000	0.000
79.0	0.000	0.000	0.000	0.000	0.000
79.5	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000
80.5	0.000	0.000	0.000	0.000	0.000
81.0	0.000	0.000	0.000	0.000	0.000
81.5	0.000	0.000	0.000	0.000	0.000
82.0	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000

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83.0	0.000	0.000	0.000	0.000	0.000
83.5	0.000	0.000	0.000	0.000	0.000
84.0	0.000	0.000	0.000	0.000	0.000
84.5	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000
85.5	0.000	0.000	0.000	0.000	0.000
86.0	0.000	0.000	0.000	0.000	0.000
86.5	0.000	0.000	0.000	0.000	0.000
87.0	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000
88.0	0.000	0.000	0.000	0.000	0.000
88.5	0.000	0.000	0.000	0.000	0.000
89.0	0.000	0.000	0.000	0.000	0.000
89.5	0.000	0.000	0.000	0.000	0.000
90.0	8.969	17.192	14.451	16.693	17.192
90.5	15.198	22.922	16.942	18.437	19.185
91.0	24.417	30.147	20.680	20.181	20.680
91.5	36.875	38.619	26.161	22.424	22.175
92.0	50.329	47.588	34.881	26.659	25.414
92.5	65.527	56.558	47.339	32.141	30.646
93.0	80.974	67.022	61.541	39.615	37.124
93.5	95.924	80.476	76.490	50.827	45.844
94.0	110.624	96.422	89.944	65.776	56.807
94.5	125.324	112.617	101.903	82.968	71.258
95.0	140.273	130.556	113.613	101.156	87.951
95.5	154.724	148.246	126.320	118.347	106.388
96.0	168.925	164.690	141.020	133.795	124.576
96.5	182.878	181.383	158.710	148.495	141.020
97.0	197.079	199.322	178.891	163.942	156.717
97.5	211.779	217.759	201.315	180.386	173.410
98.0	225.483	236.695	224.237	196.830	189.854
98.5	239.435	256.128	246.162	215.018	206.049
99.0	253.139	275.064	267.589	236.445	223.240
99.5	267.589	293.252	289.017	260.862	242.674
100.0	281.542	311.689	311.689	287.272	265.845
100.5	294.000	329.628	334.861	313.433	291.010
101.0	307.454	347.567	359.277	337.850	317.669
101.5	321.157	365.257	384.193	361.022	343.581
102.0	334.113	382.698	410.105	383.694	367.500
102.5	347.816	400.637	437.013	406.367	391.418
103.0	362.766	418.077	465.416	429.289	414.589
103.5	375.472	435.020	495.065	452.460	437.262
104.0	386.435	453.457	524.715	475.382	459.935
104.5	399.142	472.642	554.862	499.550	483.106
105.0	411.849	491.577	584.760	524.715	506.277
105.5	424.555	508.769	616.153	550.377	530.196
106.0	436.764	525.960	647.297	577.037	554.862
106.5	447.976	543.152	679.936	604.194	580.026
107.0	459.437	560.592	713.074	633.843	604.942
107.5	471.396	578.781	746.460	665.236	632.348
108.0	481.860	596.470	780.096	697.626	660.752
108.5	494.069	613.662	814.229	731.262	690.401
109.0	508.021	630.853	848.363	765.894	721.296
109.5	522.721	648.045	881.999	801.273	753.685
110.0	535.428	664.987	914.887	837.401	787.072
110.5	545.394	682.677	947.775	874.275	821.704

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111.0	555.111	700.367	981.161	911.150	857.831
111.5	564.579	717.558	1013.053	949.270	894.706
112.0	573.798	734.750	1045.194	988.138	932.577
112.5	584.013	752.191	1076.338	1027.255	971.444
113.0	594.726	769.631	1108.229	1067.368	1010.561
113.5	605.440	786.823	1139.124	1108.478	1051.173
114.0	616.153	803.765	1169.271	1149.090	1092.034
114.5	626.867	821.206	1198.671	1189.203	1133.643
115.0	637.082	838.397	1227.822	1229.815	1175.500
115.5	647.297	855.589	1256.973	1270.925	1218.603
116.0	657.762	872.531	1285.376	1310.790	1261.707
116.5	667.230	889.473	1314.029	1350.405	1305.059
117.0	677.196	906.416	1341.934	1389.024	1348.163
117.5	687.162	923.109	1369.341	1427.393	1390.518
118.0	696.630	940.300	1396.249	1465.015	1432.625
118.5	706.097	956.994	1422.908	1501.391	1473.984
119.0	715.565	973.438	1449.318	1536.273	1514.098
119.5	725.033	989.633	1474.732	1569.908	1552.966
120.0	734.252	1006.077	1500.395	1602.049	1590.588
120.5	743.470	1022.521	1525.559	1633.193	1627.213
121.0	752.440	1038.716	1550.723	1663.091	1663.091
121.5	761.409	1054.910	1575.389	1691.743	1696.727
122.0	770.129	1070.607	1599.557	1719.150	1729.864
122.5	778.850	1086.802	1622.977	1745.560	1761.506
123.0	787.570	1102.748	1645.899	1771.721	1792.899
123.5	796.041	1119.192	1668.323	1797.633	1823.047
124.0	804.512	1135.137	1689.999	1822.050	1851.948
124.5	813.233	1151.332	1710.679	1845.969	1879.853
125.0	821.206	1167.776	1730.611	1869.140	1907.260
125.5	829.677	1183.971	1750.793	1891.813	1933.670
126.0	837.650	1200.166	1770.226	1914.486	1958.835
126.5	845.872	1216.112	1789.660	1935.913	1983.252
127.0	854.343	1232.058	1808.347	1956.841	2007.419
127.5	862.565	1247.505	1827.282	1977.272	2030.092
128.0	871.036	1262.454	1845.969	1997.702	2052.018
128.5	879.756	1277.403	1864.655	2017.136	2072.946
129.0	888.477	1292.602	1882.843	2036.570	2093.875
129.5	897.446	1307.551	1901.031	2055.755	2113.558
130.0	906.914	1321.503	1919.469	2074.192	2133.241
130.5	916.880	1334.958	1937.158	2092.629	2152.426
131.0	927.345	1347.913	1954.350	2110.319	2170.614
131.5	937.311	1360.869	1971.292	2127.760	2188.304
132.0	946.778	1373.078	1987.985	2144.702	2205.744
132.5	955.997	1385.286	2004.180	2160.897	2222.936
133.0	965.216	1397.246	2020.126	2176.345	2239.131
133.5	973.438	1409.205	2034.826	2191.543	2254.827
134.0	981.660	1420.417	2050.274	2206.492	2269.777
134.5	989.882	1431.629	2064.724	2220.195	2284.726
135.0	998.353	1443.339	2078.428	2233.899	2298.678
135.5	1005.827	1455.049	2091.882	2247.104	2311.883
136.0	1013.551	1466.510	2104.589	2260.309	2325.088
136.5	1021.524	1477.971	2117.046	2273.265	2337.795
137.0	1029.248	1489.432	2128.258	2285.722	2349.754
137.5	1037.719	1500.893	2139.719	2297.931	2361.215
138.0	1046.688	1512.105	2150.682	2309.641	2372.926
138.5	1055.658	1522.569	2160.897	2321.600	2384.387

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	1065.126	1533.781	2170.614	2333.061	2395.598
139.5	1073.846	1544.993	2180.082	2344.024	2405.565
140.0	1083.314	1556.205	2189.300	2354.738	2416.029
140.5	1093.031	1566.918	2198.519	2364.953	2425.746
141.0	1102.499	1577.383	2207.239	2375.417	2435.712
141.5	1112.465	1587.598	2215.711	2385.383	2445.429
142.0	1121.683	1597.315	2223.434	2395.100	2454.648
142.5	1131.400	1606.783	2231.158	2404.817	2463.866
143.0	1141.117	1616.250	2238.633	2414.285	2472.836
143.5	1151.332	1625.220	2246.107	2423.504	2482.054
144.0	1161.548	1634.189	2253.083	2432.473	2491.273
144.5	1171.265	1642.661	2259.312	2441.442	2498.997
145.0	1180.981	1650.883	2265.790	2450.661	2508.963
145.5	1191.446	1659.105	2272.019	2459.631	2516.437
146.0	1202.409	1667.327	2278.248	2468.351	2526.403
146.5	1212.873	1675.050	2283.978	2476.822	2533.878
147.0	1222.839	1681.777	2289.210	2485.542	2541.353
147.5	1232.805	1688.754	2293.944	2494.014	2551.319
148.0	1243.519	1695.979	2298.429	2501.488	2558.793
148.5	1254.731	1702.208	2302.166	2508.963	2566.268
149.0	1265.693	1708.935	2305.655	2516.437	2573.742
149.5	1276.905	1715.413	2307.648	2523.912	2583.708
150.0	1288.366	1721.393	2309.143	2528.895	2591.183
150.5	1300.575	1727.372	2310.388	2533.878	2596.166
151.0	1312.285	1732.854	2311.385	2538.861	2603.641
151.5	1324.493	1738.584	2312.382	2543.844	2608.624
152.0	1336.702	1744.315	2312.382	2546.336	2613.607
152.5	1349.408	1749.048	2312.382	2548.827	2618.590
153.0	1362.613	1754.281	2311.136	2548.827	2621.081
153.5	1375.569	1759.015	2309.143	2551.319	2623.573
154.0	1387.778	1763.998	2306.900	2548.827	2623.573
154.5	1400.983	1768.981	2303.661	2548.827	2623.573
155.0	1414.437	1774.213	2300.671	2546.336	2621.081
155.5	1428.140	1779.196	2296.934	2543.844	2618.590
156.0	1442.342	1783.681	2292.948	2541.353	2616.098
156.5	1455.547	1787.916	2288.463	2538.861	2611.115
157.0	1469.998	1793.148	2283.729	2533.878	2606.132
157.5	1484.698	1797.384	2278.497	2528.895	2601.149
158.0	1499.398	1801.620	2272.766	2521.420	2596.166
158.5	1513.351	1805.606	2266.039	2513.946	2588.691
159.0	1526.556	1809.343	2259.312	2506.471	2581.217
159.5	1540.259	1813.330	2251.588	2496.505	2571.251
160.0	1553.713	1816.818	2243.865	2487.785	2563.776
160.5	1566.918	1820.306	2235.394	2477.320	2553.810
161.0	1580.372	1823.545	2226.673	2465.610	2543.844
161.5	1593.578	1826.535	2217.704	2453.651	2533.878
162.0	1606.783	1830.023	2207.738	2440.695	2521.420
162.5	1620.486	1832.764	2197.772	2426.992	2508.963
163.0	1633.691	1836.003	2187.556	2412.292	2494.014
163.5	1646.896	1838.743	2176.594	2397.343	2478.068
164.0	1659.852	1841.484	2165.382	2381.646	2461.624
164.5	1672.060	1844.474	2153.921	2365.202	2444.183
165.0	1683.521	1847.214	2142.460	2348.010	2425.995
165.5	1695.730	1849.706	2130.750	2330.321	2406.561
166.0	1707.689	1852.198	2118.790	2311.883	2386.629
166.5	1718.901	1854.440	2106.831	2293.197	2365.949

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	1730.113	1856.931	2094.872	2274.012	2344.522
167.5	1741.076	1859.423	2082.912	2254.329	2322.597
168.0	1752.038	1861.665	2070.953	2234.397	2299.924
168.5	1763.001	1863.659	2058.994	2213.967	2277.251
169.0	1773.465	1865.403	2047.284	2193.287	2253.831
169.5	1783.681	1867.396	2036.072	2172.856	2229.912
170.0	1793.398	1869.389	2024.611	2152.177	2206.243
170.5	1802.865	1871.382	2013.648	2131.497	2182.822
171.0	1811.337	1873.625	2002.935	2111.316	2159.402
171.5	1819.309	1875.120	1992.221	2091.384	2136.978
172.0	1827.282	1877.113	1982.255	2071.950	2114.056
172.5	1835.006	1878.608	1972.538	2053.263	2091.633
173.0	1841.982	1880.103	1963.319	2034.826	2070.206
173.5	1848.460	1881.348	1954.599	2017.385	2049.277
174.0	1854.440	1882.594	1946.377	2001.440	2029.345
174.5	1860.170	1883.840	1938.902	1985.494	2010.907
175.0	1865.403	1885.086	1931.677	1971.292	1992.969
175.5	1870.136	1886.331	1925.199	1957.838	1976.026
176.0	1874.372	1887.079	1918.970	1945.630	1960.828
176.5	1878.358	1888.075	1913.738	1934.667	1947.125
177.0	1881.597	1888.823	1909.004	1924.950	1935.165
177.5	1884.587	1889.321	1905.018	1916.479	1924.701
178.0	1886.830	1889.819	1901.779	1909.752	1916.230
178.5	1888.823	1890.069	1899.287	1904.021	1909.503
179.0	1890.318	1890.318	1897.543	1900.035	1904.519
179.5	1891.065	1890.567	1896.547	1897.792	1901.779
180.0	1895.052	1895.052	1895.052	1895.052	1895.052

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2U-8-00-L12-840-FW-(L10)-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	0.42	N.A.	0.00
10-90	0.42	N.A.	0.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	0.42	N.A.	0.00
90-110	687.05	N.A.	9.10
90-120	1724.12	N.A.	22.70
90-130	3090.02	N.A.	40.80
90-150	5802.57	N.A.	76.50
90-180	7580.9	N.A.	100.00
110-180	6893.85	N.A.	90.90
0-180	7581.32	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.42
90-100	137.73
100-110	549.32
110-120	1037.07
120-130	1365.91
130-140	1426.72
140-150	1285.83
150-160	996.12
160-170	595.35
170-180	186.86

IES INDOOR REPORT

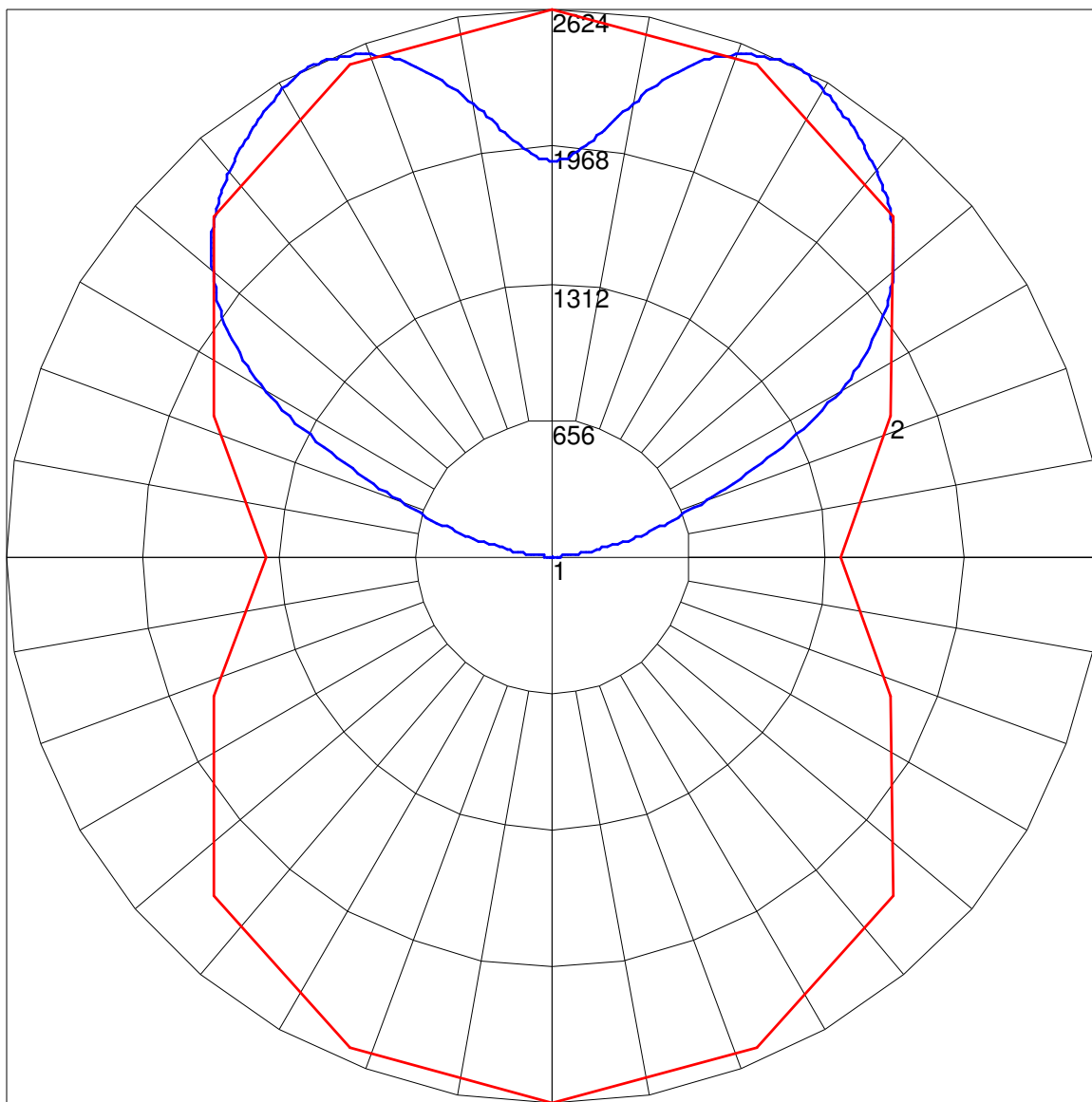
PHOTOMETRIC FILENAME : MX2U-8-00-L12-840-FW-(L10)-DIM-UNV_.IES

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	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	28	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 2623.573 Located At Horizontal Angle = 90, Vertical Angle = 153.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (153.5) (Through Max. Cd.)