

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2D-10-00-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] 09-04-2025

[MANUFAC] H E Williams Inc

[LUMCAT] MX2D-10'00-L8-835-F-DIM-UNV

[LUMINAIRE] Formed White aluminum housing, frosted plastic lens

[LAMP] 144 White LEDs

[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	7516
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	67
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)	10.00 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	3323.166	3323.166	3323.166	3323.166	3323.166
0.5	3318.115	3343.367	3315.590	3315.590	3310.540
1.0	3315.590	3343.367	3315.590	3315.590	3310.540
1.5	3315.590	3340.842	3315.590	3315.590	3310.540
2.0	3315.590	3340.842	3313.065	3315.590	3310.540
2.5	3313.065	3338.317	3313.065	3315.590	3310.540
3.0	3310.540	3338.317	3310.540	3315.590	3308.015
3.5	3308.015	3335.792	3308.015	3313.065	3305.489
4.0	3305.489	3333.267	3305.489	3310.540	3302.964
4.5	3302.964	3330.741	3300.439	3308.015	3300.439
5.0	3297.914	3325.691	3297.914	3305.489	3295.389
5.5	3295.389	3323.166	3292.863	3300.439	3292.863
6.0	3290.338	3318.115	3290.338	3295.389	3287.813
6.5	3285.288	3313.065	3285.288	3287.813	3280.237
7.0	3280.237	3308.015	3280.237	3280.237	3272.662
7.5	3275.187	3302.964	3275.187	3272.662	3265.086
8.0	3270.137	3297.914	3267.611	3262.561	3257.511
8.5	3262.561	3290.338	3262.561	3254.985	3247.410
9.0	3254.985	3285.288	3254.985	3244.885	3237.309
9.5	3249.935	3277.712	3247.410	3234.784	3224.683
10.0	3242.359	3270.137	3237.309	3222.158	3212.057
10.5	3234.784	3262.561	3229.733	3212.057	3199.431
11.0	3227.208	3254.985	3217.107	3199.431	3184.280
11.5	3217.107	3244.885	3207.007	3186.805	3171.654
12.0	3209.532	3237.309	3196.906	3174.179	3156.503
12.5	3199.431	3227.208	3184.280	3159.028	3141.351
13.0	3189.330	3217.107	3171.654	3146.402	3126.200
13.5	3179.229	3207.007	3159.028	3131.251	3113.574
14.0	3169.129	3196.906	3146.402	3116.099	3095.898
14.5	3156.503	3184.280	3131.251	3100.948	3078.221
15.0	3143.877	3171.654	3116.099	3083.272	3063.070
15.5	3133.776	3161.553	3100.948	3065.595	3045.394
16.0	3121.150	3146.402	3085.797	3050.444	3027.717
16.5	3108.524	3133.776	3070.646	3032.768	3010.041
17.0	3095.898	3118.625	3052.969	3012.566	2989.839
17.5	3083.272	3105.999	3035.293	2994.890	2972.163
18.0	3068.120	3090.847	3017.616	2974.688	2951.961
18.5	3055.494	3075.696	2999.940	2957.012	2931.760
19.0	3040.343	3060.545	2982.264	2936.810	2911.558
19.5	3025.192	3042.868	2964.587	2916.608	2891.356
20.0	3010.041	3027.717	2944.386	2896.407	2871.155
20.5	2994.890	3010.041	2924.184	2873.680	2848.428
21.0	2977.213	2992.364	2906.508	2850.953	2825.701
21.5	2962.062	2974.688	2886.306	2828.226	2802.974
22.0	2944.386	2957.012	2866.104	2805.499	2777.722
22.5	2929.234	2939.335	2845.903	2782.773	2752.470
23.0	2911.558	2921.659	2823.176	2757.521	2729.743
23.5	2893.882	2901.457	2802.974	2734.794	2701.966
24.0	2873.680	2883.781	2782.773	2709.542	2676.714
24.5	2856.004	2863.579	2760.046	2684.290	2651.462
25.0	2835.802	2843.377	2737.319	2661.563	2626.210
25.5	2818.125	2820.651	2717.117	2636.311	2600.958
26.0	2795.399	2800.449	2691.865	2608.534	2575.706
26.5	2775.197	2777.722	2669.139	2583.282	2550.454

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CANDELA TABULATION - (Cont.)

27.0	2752.470	2757.521	2646.412	2560.555	2524.950
27.5	2732.269	2734.794	2621.160	2535.303	2498.940
28.0	2709.542	2712.067	2598.433	2507.778	2473.940
28.5	2686.815	2689.340	2573.181	2482.779	2448.436
29.0	2664.088	2664.088	2547.929	2457.527	2423.436
29.5	2636.311	2641.361	2522.172	2431.517	2396.417
30.0	2613.584	2616.109	2496.415	2406.770	2369.902
30.5	2590.857	2590.857	2469.648	2379.750	2343.387
31.0	2565.605	2565.605	2442.628	2353.741	2317.125
31.5	2540.353	2540.353	2415.608	2326.216	2288.843
32.0	2515.859	2514.344	2388.589	2298.439	2261.571
32.5	2490.859	2486.566	2361.064	2270.157	2234.804
33.0	2465.860	2459.799	2333.539	2241.874	2206.016
33.5	2440.355	2432.275	2305.762	2213.087	2178.744
34.0	2414.598	2404.497	2276.975	2184.300	2148.947
34.5	2388.589	2376.468	2249.450	2155.007	2120.160
35.0	2363.337	2348.943	2220.915	2125.210	2090.615
35.5	2336.822	2321.418	2192.128	2096.423	2059.807
36.0	2309.802	2292.631	2164.098	2066.120	2028.747
36.5	2284.803	2264.601	2135.058	2035.818	1996.172
37.0	2257.278	2236.571	2105.261	2005.515	1963.850
37.5	2230.006	2208.542	2075.969	1974.960	1931.780
38.0	2203.491	2180.007	2046.171	1944.406	1899.709
38.5	2175.967	2152.230	2016.879	1912.841	1872.942
39.0	2147.937	2124.200	1988.092	1883.801	1846.680
39.5	2119.907	2096.423	1959.052	1859.306	1816.125
40.0	2091.372	2068.898	1929.759	1831.529	1786.328
40.5	2063.343	2041.121	1901.477	1801.732	1757.541
41.0	2035.818	2013.849	1879.255	1772.944	1729.763
41.5	2007.536	1986.324	1852.488	1745.167	1702.744
42.0	1979.758	1958.294	1827.489	1717.895	1676.734
42.5	1951.476	1930.769	1799.964	1691.885	1651.482
43.0	1924.204	1902.740	1773.449	1666.381	1626.988
43.5	1897.942	1881.023	1747.187	1641.381	1602.746
44.0	1874.963	1856.023	1721.430	1616.887	1579.009
44.5	1852.993	1829.509	1695.926	1592.645	1555.019
45.0	1825.469	1803.499	1670.674	1568.908	1531.283
45.5	1798.701	1776.227	1645.674	1545.171	1507.798
46.0	1771.934	1749.207	1620.927	1521.687	1484.061
46.5	1745.420	1722.440	1596.433	1497.950	1460.829
47.0	1718.652	1696.178	1571.938	1474.466	1437.345
47.5	1692.138	1669.916	1547.191	1450.476	1413.861
48.0	1666.128	1643.654	1522.444	1426.739	1390.629
48.5	1640.371	1617.644	1497.445	1403.255	1367.397
49.0	1614.614	1591.635	1472.445	1379.770	1344.418
49.5	1588.857	1566.130	1447.193	1356.539	1321.691
50.0	1563.100	1540.373	1422.446	1333.307	1298.964
50.5	1537.343	1514.616	1397.699	1310.327	1276.490
51.0	1511.586	1489.112	1373.205	1287.601	1254.015
51.5	1485.324	1463.607	1348.963	1264.621	1231.541
52.0	1459.567	1437.597	1324.974	1241.894	1209.067
52.5	1433.557	1412.345	1301.742	1219.168	1186.845
53.0	1408.053	1387.093	1278.510	1196.693	1164.371
53.5	1382.548	1362.094	1255.783	1174.219	1141.896
54.0	1357.044	1337.347	1232.804	1151.745	1119.675
54.5	1331.539	1312.853	1210.077	1129.270	1097.453

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CANDELA TABULATION - (Cont.)

55.0	1306.287	1288.358	1187.602	1107.049	1075.484
55.5	1281.540	1264.116	1165.128	1085.079	1053.767
56.0	1257.046	1239.622	1142.654	1063.615	1032.303
56.5	1232.804	1215.380	1120.180	1042.151	1011.596
57.0	1209.067	1191.390	1097.453	1020.939	991.142
57.5	1185.330	1167.906	1074.979	999.980	970.940
58.0	1162.098	1144.674	1052.504	979.021	950.991
58.5	1138.866	1121.442	1030.282	958.314	931.042
59.0	1115.634	1098.463	1008.566	937.860	911.345
59.5	1092.655	1075.484	986.596	917.911	891.901
60.0	1070.181	1052.504	964.880	898.214	872.710
60.5	1047.454	1029.777	943.668	878.518	853.266
61.0	1024.979	1007.303	922.709	859.074	834.327
61.5	1002.253	985.334	901.750	839.630	815.640
62.0	979.778	963.365	881.043	820.691	797.459
62.5	957.304	941.648	860.589	802.004	779.025
63.0	935.082	919.679	840.387	783.318	760.843
63.5	912.861	897.709	820.438	764.631	742.914
64.0	890.639	875.740	800.489	746.450	724.986
64.5	868.417	853.771	780.793	728.016	707.057
65.0	846.195	832.054	761.096	709.834	689.128
65.5	824.226	810.590	741.652	691.400	671.451
66.0	802.257	789.126	722.208	673.219	654.785
66.5	780.287	767.914	702.764	655.037	637.108
67.0	758.823	746.197	683.320	636.856	619.685
67.5	737.106	724.733	663.876	618.927	602.008
68.0	715.390	703.269	644.684	600.998	584.837
68.5	693.925	682.057	625.240	583.322	567.665
69.0	672.461	661.098	606.048	565.898	550.747
69.5	650.745	640.139	586.857	548.474	533.828
70.0	629.785	619.180	568.170	531.302	517.414
70.5	608.826	598.473	549.484	514.384	501.000
71.0	587.867	577.514	531.050	497.465	484.839
71.5	567.413	557.312	512.616	481.051	468.930
72.0	546.959	537.110	494.435	464.637	453.274
72.5	526.757	517.414	476.758	448.476	437.870
73.0	506.556	497.717	459.334	432.567	422.466
73.5	486.354	478.273	441.910	416.658	407.315
74.0	466.405	458.829	424.739	401.002	392.416
74.5	446.708	439.638	408.073	385.851	377.770
75.0	427.264	420.951	391.406	370.700	363.377
75.5	408.073	402.265	374.993	355.801	349.235
76.0	388.881	384.336	358.579	340.902	335.094
76.5	370.195	366.154	342.670	326.256	321.206
77.0	351.508	348.478	326.761	312.115	307.570
77.5	333.327	330.801	311.610	297.974	293.934
78.0	315.398	313.630	296.459	284.338	280.550
78.5	297.721	296.711	281.560	270.702	267.419
79.0	280.550	280.045	267.166	257.571	254.540
79.5	263.379	264.136	252.773	244.440	241.914
80.0	246.965	248.480	238.379	231.309	229.288
80.5	230.803	233.076	224.743	218.682	216.915
81.0	215.147	217.925	211.359	206.056	204.794
81.5	199.743	203.279	197.723	193.683	192.673
82.0	184.845	188.633	184.845	181.562	181.057
82.5	170.199	174.491	171.714	169.694	169.189

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CANDELA TABULATION - (Cont.)

83.0	156.310	160.603	159.088	158.078	157.825
83.5	142.421	147.219	146.714	146.462	146.462
84.0	129.290	134.341	134.593	135.098	135.603
84.5	116.412	121.715	122.977	124.240	124.745
85.0	103.786	109.341	111.614	113.382	114.139
85.5	91.917	97.473	100.503	102.776	104.038
86.0	80.301	85.857	89.645	92.422	93.685
86.5	69.191	74.999	79.039	82.322	84.089
87.0	58.332	64.140	68.685	72.473	74.493
87.5	47.726	53.787	58.837	62.878	64.898
88.0	37.373	43.686	48.989	53.282	55.807
88.5	27.272	33.585	39.141	44.191	46.969
89.0	16.919	23.232	29.040	33.585	36.363
89.5	6.818	12.626	16.414	18.434	20.202
90.0	1.515	5.808	8.838	11.363	12.373
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 : MX2D-10-00-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-10-00-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-10-00-L8-835-F-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1191.04	N.A.	15.80
0-30	2451.82	N.A.	32.60
0-40	3843.64	N.A.	51.10
0-60	6209.46	N.A.	82.60
0-80	7390.29	N.A.	98.30
0-90	7515.91	N.A.	100.00
10-90	7202.38	N.A.	95.80
20-40	2652.6	N.A.	35.30
20-50	3949.36	N.A.	52.50
40-70	3126.59	N.A.	41.60
60-80	1180.84	N.A.	15.70
70-80	420.06	N.A.	5.60
80-90	125.61	N.A.	1.70
90-110	0.23	N.A.	0.00
90-120	0.23	N.A.	0.00
90-130	0.23	N.A.	0.00
90-150	0.23	N.A.	0.00
90-180	0.23	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	7516.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	313.52
10-20	877.52
20-30	1260.78
30-40	1391.83
40-50	1296.76
50-60	1069.05
60-70	760.78
70-80	420.06
80-90	125.61
90-100	0.23
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-10-00-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	91	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-10-00-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	22.0	22.3
	3H	22.9	24.3	23.3	24.6	25.0	21.7	23.1	22.1	23.4	23.8
	4H	23.5	24.8	23.9	25.1	25.5	22.3	23.6	22.7	24.0	24.3
	6H	23.9	25.1	24.3	25.5	25.9	22.8	24.0	23.2	24.4	24.8
	8H	24.0	25.2	24.4	25.6	26.0	22.9	24.1	23.4	24.5	24.9
	12H	24.1	25.2	24.5	25.6	26.0	23.1	24.2	23.5	24.6	25.0

UGR Viewed Endwise

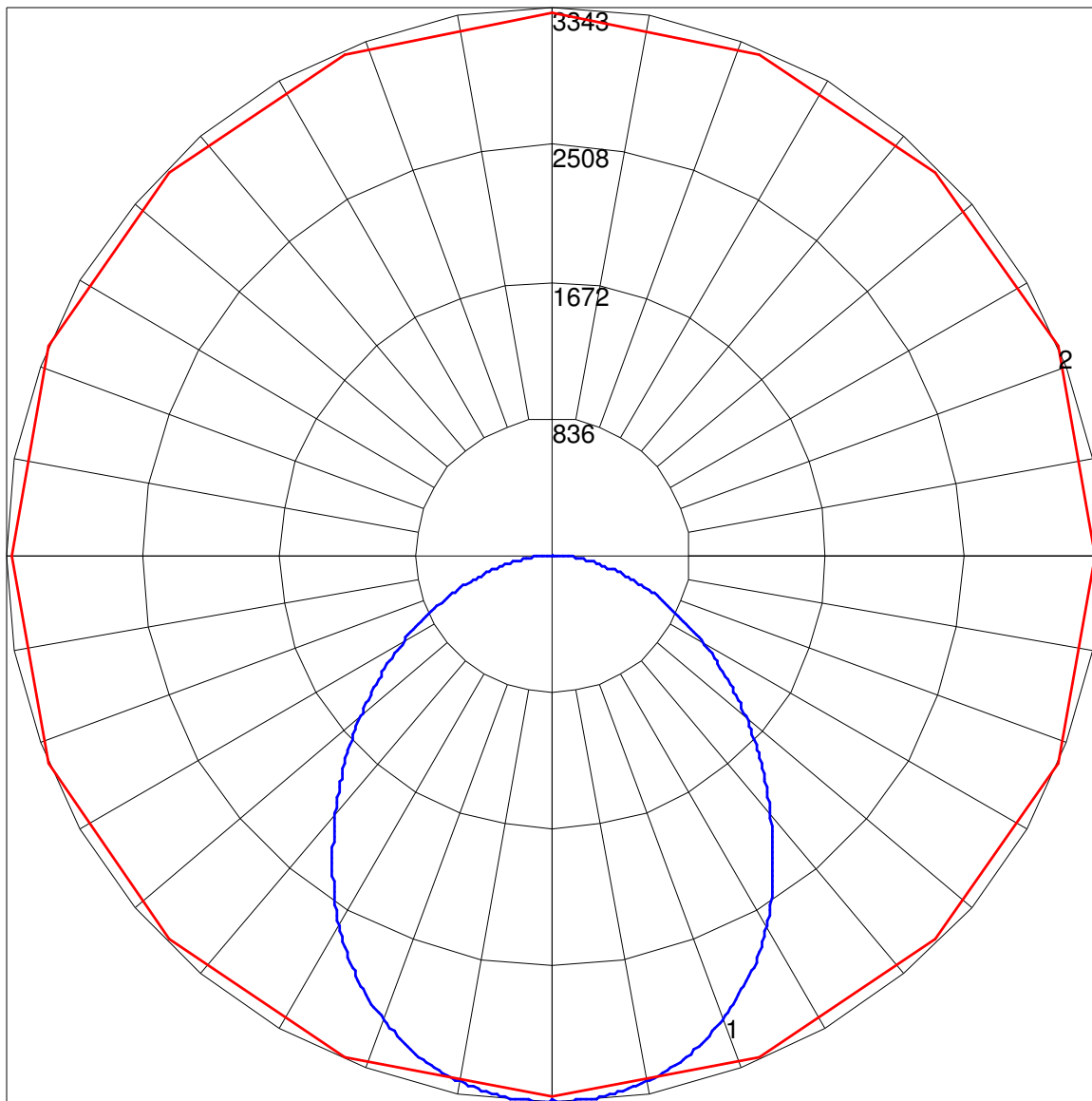
4H	2H	21.7	23.0	22.1	23.3	23.7	20.8	22.1	21.2	22.4	22.8
	3H	23.5	24.7	24.0	25.1	25.5	22.6	23.7	23.0	24.1	24.5
	4H	24.3	25.3	24.7	25.7	26.1	23.3	24.3	23.7	24.7	25.1
	6H	24.8	25.7	25.3	26.1	26.6	23.9	24.8	24.4	25.2	25.7
	8H	25.0	25.8	25.5	26.3	26.7	24.1	24.9	24.6	25.4	25.8
	12H	25.1	25.8	25.6	26.3	26.8	24.3	25.0	24.8	25.5	26.0

8H	4H	24.5	25.3	25.0	25.8	26.2	23.6	24.4	24.1	24.9	25.3
	6H	25.2	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	24.7	25.3	25.2	25.8	26.2
	12H	25.6	26.1	26.1	26.6	27.2	24.9	25.5	25.4	25.9	26.5

12H	4H	24.5	25.2	25.0	25.7	26.2	23.7	24.4	24.1	24.9	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	24.8	25.3	25.3	25.8	26.4

Maximum UGR = 27.2

POLAR GRAPH



Maximum Candela = 3343.367 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.)