



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2D-8-00-L10-RGB835-F-DMX-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM 13012869.01

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 19 Apr, 2024

[MANUFAC] H E Williams Inc

[LUMCAT] MX2D-8'00-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	8608
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	86.4
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)	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	23798	21780	19963
55	20995	19087	17285
65	18458	16602	15032
75	15218	13941	12943
85	10977	11805	12072

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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	3805.872	3805.872	3805.872	3805.872	3805.872
0.5	3800.088	3829.008	3797.196	3797.196	3791.412
1.0	3797.196	3829.008	3797.196	3797.196	3791.412
1.5	3797.196	3826.116	3797.196	3797.196	3791.412
2.0	3797.196	3826.116	3794.304	3797.196	3791.412
2.5	3794.304	3823.224	3794.304	3797.196	3791.412
3.0	3791.412	3823.224	3791.412	3797.196	3788.520
3.5	3788.520	3820.332	3788.520	3794.304	3785.628
4.0	3785.628	3817.440	3785.628	3791.412	3782.736
4.5	3782.736	3814.548	3779.844	3788.520	3779.844
5.0	3776.952	3808.764	3776.952	3785.628	3774.060
5.5	3774.060	3805.872	3771.168	3779.844	3771.168
6.0	3768.276	3800.088	3768.276	3774.060	3765.384
6.5	3762.492	3794.304	3762.492	3765.384	3756.708
7.0	3756.708	3788.520	3756.708	3756.708	3748.032
7.5	3750.924	3782.736	3750.924	3748.032	3739.356
8.0	3745.140	3776.952	3742.248	3736.464	3730.680
8.5	3736.464	3768.276	3736.464	3727.788	3719.112
9.0	3727.788	3762.492	3727.788	3716.220	3707.544
9.5	3722.004	3753.816	3719.112	3704.652	3693.084
10.0	3713.328	3745.140	3707.544	3690.192	3678.624
10.5	3704.652	3736.464	3698.868	3678.624	3664.164
11.0	3695.976	3727.788	3684.408	3664.164	3646.812
11.5	3684.408	3716.220	3672.840	3649.704	3632.352
12.0	3675.732	3707.544	3661.272	3635.244	3615.000
12.5	3664.164	3695.976	3646.812	3617.892	3597.648
13.0	3652.596	3684.408	3632.352	3603.432	3580.296
13.5	3641.028	3672.840	3617.892	3586.080	3565.836
14.0	3629.460	3661.272	3603.432	3568.728	3545.592
14.5	3615.000	3646.812	3586.080	3551.376	3525.348
15.0	3600.540	3632.352	3568.728	3531.132	3507.996
15.5	3588.972	3620.784	3551.376	3510.888	3487.752
16.0	3574.512	3603.432	3534.024	3493.536	3467.508
16.5	3560.052	3588.972	3516.672	3473.292	3447.264
17.0	3545.592	3571.620	3496.428	3450.156	3424.128
17.5	3531.132	3557.160	3476.184	3429.912	3403.884
18.0	3513.780	3539.808	3455.940	3406.776	3380.748
18.5	3499.320	3522.456	3435.696	3386.532	3357.612
19.0	3481.968	3505.104	3415.452	3363.396	3334.476
19.5	3464.616	3484.860	3395.208	3340.260	3311.340
20.0	3447.264	3467.508	3372.072	3317.124	3288.204
20.5	3429.912	3447.264	3348.936	3291.096	3262.176
21.0	3409.668	3427.020	3328.692	3265.068	3236.148
21.5	3392.316	3406.776	3305.556	3239.040	3210.120
22.0	3372.072	3386.532	3282.420	3213.012	3181.200
22.5	3354.720	3366.288	3259.284	3186.984	3152.280
23.0	3334.476	3346.044	3233.256	3158.064	3126.252
23.5	3314.232	3322.908	3210.120	3132.036	3094.440
24.0	3291.096	3302.664	3186.984	3103.116	3065.520
24.5	3270.852	3279.528	3160.956	3074.196	3036.600
25.0	3247.716	3256.392	3134.928	3048.168	3007.680
25.5	3227.472	3230.364	3111.792	3019.248	2978.760
26.0	3201.444	3207.228	3082.872	2987.436	2949.840
26.5	3178.308	3181.200	3056.844	2958.516	2920.920

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CANDELA TABULATION - (Cont.)

27.0	3152.280	3158.064	3030.816	2932.488	2891.711
27.5	3129.144	3132.036	3001.896	2903.568	2861.923
28.0	3103.116	3106.008	2975.868	2872.045	2833.292
28.5	3077.088	3079.980	2946.948	2843.414	2804.083
29.0	3051.060	3051.060	2918.028	2814.494	2775.452
29.5	3019.248	3025.032	2888.530	2784.707	2744.508
30.0	2993.220	2996.112	2859.031	2756.365	2714.142
30.5	2967.192	2967.192	2828.376	2725.421	2683.776
31.0	2938.272	2938.272	2797.432	2695.633	2653.699
31.5	2909.352	2909.352	2766.487	2664.110	2621.309
32.0	2881.300	2879.564	2735.543	2632.298	2590.075
32.5	2852.669	2847.752	2704.020	2599.908	2559.420
33.0	2824.038	2817.097	2672.497	2567.518	2526.451
33.5	2794.829	2785.574	2640.685	2534.549	2495.218
34.0	2765.330	2753.762	2607.716	2501.580	2461.092
34.5	2735.543	2721.661	2576.194	2468.033	2428.123
35.0	2706.623	2690.138	2543.514	2433.907	2394.287
35.5	2676.257	2658.616	2510.545	2400.938	2359.004
36.0	2645.312	2625.647	2478.444	2366.234	2323.433
36.5	2616.682	2593.546	2445.186	2331.530	2286.126
37.0	2585.159	2561.444	2411.060	2296.826	2249.108
37.5	2553.925	2529.343	2377.513	2261.833	2212.380
38.0	2523.559	2496.664	2343.388	2226.840	2175.652
38.5	2492.036	2464.852	2309.840	2190.690	2144.996
39.0	2459.935	2432.750	2276.872	2157.432	2114.920
39.5	2427.834	2400.938	2243.614	2129.380	2079.926
40.0	2395.154	2369.416	2210.066	2097.568	2045.801
40.5	2363.053	2337.604	2177.676	2063.442	2012.832
41.0	2331.530	2306.370	2152.226	2030.473	1981.020
41.5	2299.140	2274.847	2121.571	1998.661	1950.076
42.0	2267.328	2242.746	2092.940	1967.428	1920.288
42.5	2234.938	2211.223	2061.418	1937.640	1891.368
43.0	2203.704	2179.122	2031.052	1908.431	1863.316
43.5	2173.627	2154.251	2000.975	1879.800	1835.552
44.0	2147.310	2125.620	1971.476	1851.748	1808.368
44.5	2122.150	2095.254	1942.267	1823.984	1780.894
45.0	2090.627	2065.466	1913.347	1796.800	1753.709
45.5	2059.972	2034.233	1884.716	1769.615	1726.813
46.0	2029.316	2003.288	1856.375	1742.719	1699.628
46.5	1998.950	1972.633	1828.322	1715.534	1673.022
47.0	1968.295	1942.556	1800.270	1688.639	1646.126
47.5	1937.929	1912.480	1771.928	1661.165	1619.231
48.0	1908.142	1882.403	1743.587	1633.980	1592.624
48.5	1878.643	1852.615	1714.956	1607.084	1566.018
49.0	1849.145	1822.828	1686.325	1580.189	1539.701
49.5	1819.646	1793.618	1657.405	1553.582	1513.673
50.0	1790.148	1764.120	1629.064	1526.976	1487.645
50.5	1760.650	1734.622	1600.722	1500.659	1461.906
51.0	1731.151	1705.412	1572.670	1474.631	1436.167
51.5	1701.074	1676.203	1544.906	1448.314	1410.428
52.0	1671.576	1646.416	1517.432	1422.286	1384.690
52.5	1641.788	1617.496	1490.826	1396.258	1359.240
53.0	1612.579	1588.576	1464.220	1370.519	1333.501
53.5	1583.370	1559.945	1438.192	1344.780	1307.762
54.0	1554.161	1531.603	1411.874	1319.041	1282.313
54.5	1524.952	1503.551	1385.846	1293.302	1256.863

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CANDELA TABULATION - (Cont.)

55.0	1496.032	1475.498	1360.108	1267.853	1231.703
55.5	1467.690	1447.735	1334.369	1242.692	1206.832
56.0	1439.638	1419.683	1308.630	1218.110	1182.250
56.5	1411.874	1391.920	1282.891	1193.528	1158.535
57.0	1384.690	1364.446	1256.863	1169.236	1135.110
57.5	1357.505	1337.550	1231.124	1145.232	1111.974
58.0	1330.898	1310.944	1205.386	1121.228	1089.127
58.5	1304.292	1284.337	1179.936	1097.514	1066.280
59.0	1277.686	1258.020	1155.065	1074.089	1043.723
59.5	1251.368	1231.703	1129.904	1051.242	1021.454
60.0	1225.630	1205.386	1105.033	1028.684	999.475
60.5	1199.602	1179.358	1080.740	1006.127	977.207
61.0	1173.863	1153.619	1056.737	983.858	955.517
61.5	1147.835	1128.458	1032.733	961.590	934.116
62.0	1122.096	1103.298	1009.019	939.900	913.294
62.5	1096.357	1078.427	985.594	918.499	892.182
63.0	1070.908	1053.266	962.458	897.098	871.360
63.5	1045.458	1028.106	939.611	875.698	850.826
64.0	1020.008	1002.946	916.764	854.875	830.293
64.5	994.559	977.785	894.206	833.764	809.760
65.0	969.109	952.914	871.649	812.941	789.227
65.5	943.949	928.332	849.380	791.830	768.983
66.0	918.788	903.750	827.112	771.007	749.896
66.5	893.628	879.457	804.844	750.185	729.652
67.0	869.046	854.586	782.575	729.362	709.697
67.5	844.175	830.004	760.307	708.829	689.453
68.0	819.304	805.422	738.328	688.296	669.787
68.5	794.722	781.129	716.059	668.052	650.122
69.0	770.140	757.126	694.080	648.097	630.745
69.5	745.268	733.122	672.101	628.142	611.369
70.0	721.265	709.118	650.700	608.477	592.571
70.5	697.261	685.404	629.299	589.100	573.773
71.0	673.258	661.400	608.188	569.724	555.264
71.5	649.832	638.264	587.076	550.926	537.044
72.0	626.407	615.128	566.254	532.128	519.114
72.5	603.271	592.571	546.010	513.619	501.473
73.0	580.135	570.013	526.055	495.400	483.832
73.5	556.999	547.745	506.100	477.180	466.480
74.0	534.152	525.476	486.434	459.250	449.417
74.5	511.595	503.497	467.347	441.898	432.643
75.0	489.326	482.096	448.260	424.546	416.159
75.5	467.347	460.696	429.462	407.483	399.964
76.0	445.368	440.162	410.664	390.420	383.768
76.5	423.967	419.340	392.444	373.646	367.862
77.0	402.566	399.096	374.225	357.451	352.246
77.5	381.744	378.852	356.873	341.256	336.629
78.0	361.211	359.186	339.521	325.639	321.301
78.5	340.967	339.810	322.458	310.022	306.263
79.0	321.301	320.723	305.974	294.984	291.514
79.5	301.636	302.503	289.489	279.946	277.054
80.0	282.838	284.573	273.005	264.907	262.594
80.5	264.329	266.932	257.388	250.447	248.423
81.0	246.398	249.580	242.060	235.987	234.541
81.5	228.757	232.806	226.444	221.816	220.660
82.0	211.694	216.032	211.694	207.935	207.356
82.5	194.921	199.837	196.656	194.342	193.764

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CANDELA TABULATION - (Cont.)

83.0	179.015	183.931	182.196	181.039	180.750
83.5	163.109	168.604	168.025	167.736	167.736
84.0	148.070	153.854	154.144	154.722	155.300
84.5	133.321	139.394	140.840	142.286	142.865
85.0	118.861	125.224	127.826	129.851	130.718
85.5	105.269	111.631	115.102	117.704	119.150
86.0	91.966	98.328	102.666	105.847	107.293
86.5	79.241	85.892	90.520	94.279	96.304
87.0	66.805	73.457	78.662	83.000	85.314
87.5	54.659	61.600	67.384	72.011	74.324
88.0	42.802	50.032	56.105	61.021	63.913
88.5	31.234	38.464	44.826	50.610	53.791
89.0	19.376	26.606	33.258	38.464	41.645
89.5	7.808	14.460	18.798	21.112	23.136
90.0	1.735	6.652	10.122	13.014	14.171
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-8-00-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
PHOTOMETRIC FILENAME : MX2D-8-00-L10-RGB835-F-DMX-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-8-00-L10-RGB835-F-DMX-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1364.05	N.A.	15.80
0-30	2807.96	N.A.	32.60
0-40	4401.95	N.A.	51.10
0-60	7111.41	N.A.	82.60
0-80	8463.77	N.A.	98.30
0-90	8607.63	N.A.	100.00
10-90	8248.57	N.A.	95.80
20-40	3037.91	N.A.	35.30
20-50	4523.02	N.A.	52.50
40-70	3580.74	N.A.	41.60
60-80	1352.36	N.A.	15.70
70-80	481.08	N.A.	5.60
80-90	143.86	N.A.	1.70
90-110	0.26	N.A.	0.00
90-120	0.26	N.A.	0.00
90-130	0.26	N.A.	0.00
90-150	0.26	N.A.	0.00
90-180	0.26	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	8607.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	359.06
10-20	1004.98
20-30	1443.91
30-40	1593.99
40-50	1485.12
50-60	1224.34
60-70	871.28
70-80	481.08
80-90	143.86
90-100	0.26
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-8-00-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	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

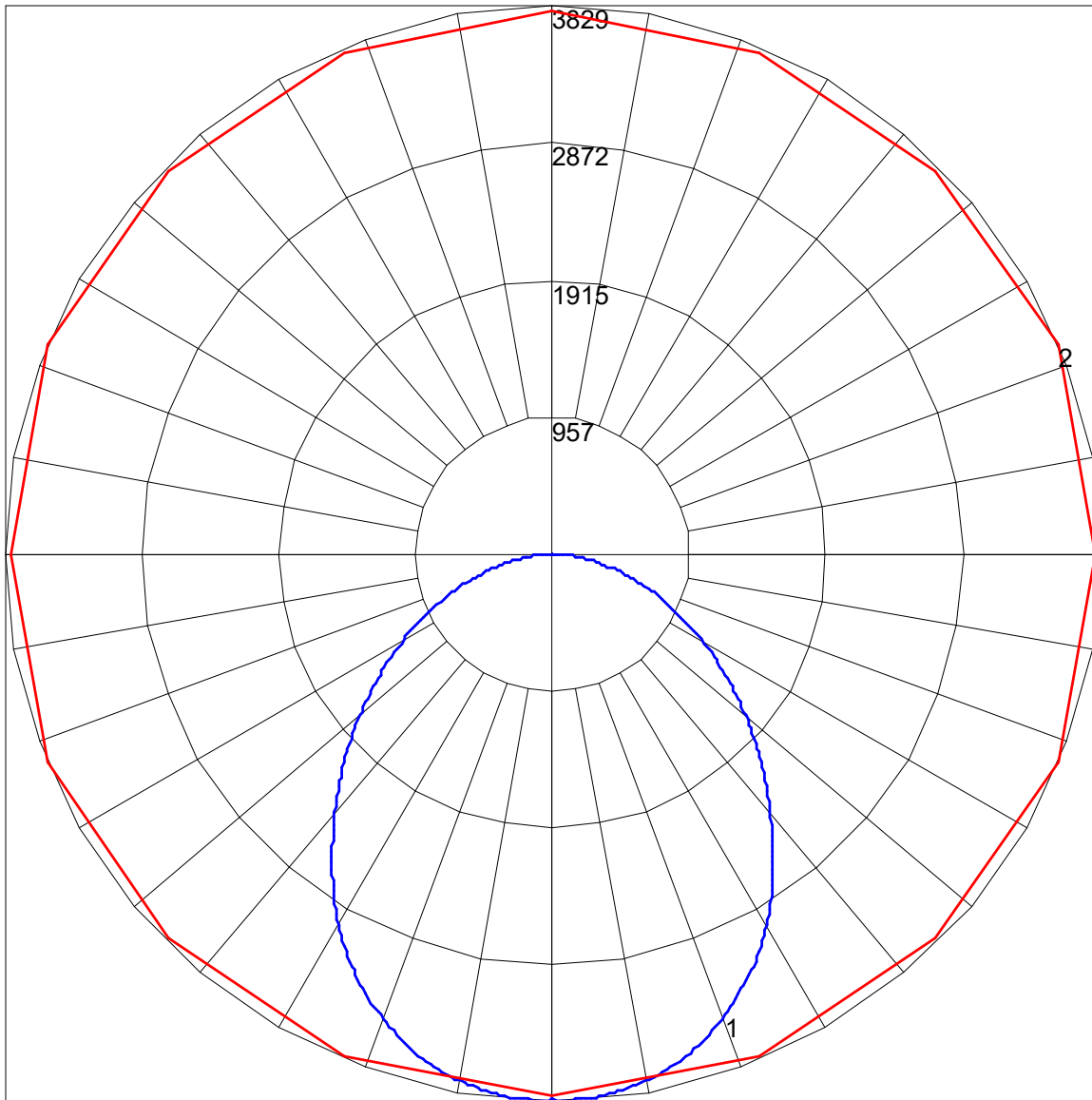
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2D-8-00-L10-RGB835-F-DMX-UNV_.IES

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	21.4	22.9	21.7	23.2	23.5
	3H	24.2	25.6	24.5	25.9	26.2	23.0	24.4	23.4	24.7	25.1
	4H	24.7	26.1	25.1	26.4	26.8	23.6	24.9	24.0	25.2	25.6
	6H	25.2	26.4	25.6	26.7	27.1	24.1	25.3	24.5	25.6	26.0
	8H	25.3	26.4	25.7	26.8	27.2	24.2	25.4	24.6	25.8	26.2
	12H	25.4	26.5	25.8	26.9	27.3	24.4	25.5	24.8	25.8	26.3
4H	2H	23.0	24.3	23.4	24.6	25.0	22.0	23.4	22.4	23.7	24.1
	3H	24.8	25.9	25.2	26.3	26.7	23.8	25.0	24.3	25.4	25.8
	4H	25.6	26.5	26.0	27.0	27.4	24.6	25.6	25.0	26.0	26.4
	6H	26.1	27.0	26.6	27.4	27.9	25.2	26.0	25.6	26.5	26.9
	8H	26.3	27.1	26.7	27.5	28.0	25.4	26.2	25.9	26.6	27.1
	12H	26.4	27.1	26.9	27.6	28.1	25.6	26.3	26.1	26.8	27.2
8H	4H	25.8	26.6	26.2	27.0	27.5	24.9	25.7	25.4	26.2	26.6
	6H	26.4	27.1	26.9	27.6	28.1	25.6	26.3	26.1	26.8	27.3
	8H	26.7	27.3	27.2	27.8	28.3	25.9	26.5	26.4	27.0	27.5
	12H	26.9	27.4	27.4	27.9	28.5	26.2	26.7	26.7	27.2	27.8
12H	4H	25.8	26.5	26.3	27.0	27.5	24.9	25.7	25.4	26.1	26.6
	6H	26.5	27.1	27.0	27.6	28.1	25.7	26.3	26.2	26.8	27.3
	8H	26.8	27.3	27.3	27.8	28.4	26.0	26.6	26.6	27.1	27.6

Maximum UGR = 28.5

POLAR GRAPH



Maximum Candela = 3829.008 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.)