



IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-8-00-L10-RGB835-F-DMX-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 13012869.07
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 19 Apr, 2024
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] MX2U-8-00-L10-RGB835-F-DMX-UNV - WHITE ONLY
[LUMINAIRE] Formed White aluminum housing, 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	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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CANDELA TABULATION - (Cont.)

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	15.121	16.946	16.946	18.249	18.770
90.5	21.117	21.638	20.074	21.377	21.899
91.0	27.634	27.374	23.463	24.245	24.767
91.5	39.366	33.891	27.113	27.374	27.634
92.0	51.358	40.409	32.066	31.023	31.023
92.5	63.611	47.708	37.541	35.195	34.934
93.0	76.385	56.311	43.798	39.887	39.887
93.5	88.899	65.957	50.837	46.144	45.101
94.0	101.412	77.167	58.658	52.922	51.358
94.5	114.187	87.595	66.739	59.961	57.875
95.0	126.961	98.023	75.342	67.000	64.914
95.5	139.735	109.233	84.206	74.039	71.953
96.0	152.249	120.443	93.331	81.078	78.731
96.5	164.762	133.218	102.716	88.377	85.249
97.0	177.797	145.471	112.101	95.677	91.506
97.5	190.832	157.984	122.268	103.498	98.545
98.0	202.825	171.019	132.696	111.580	106.105
98.5	216.120	185.618	144.689	120.704	113.926
99.0	228.895	198.914	159.288	129.829	122.008
99.5	241.669	212.210	171.019	139.475	130.350
100.0	253.922	225.766	183.011	148.860	139.214
100.5	266.435	239.844	196.046	158.245	148.599
101.0	281.556	253.922	208.039	168.412	158.506
101.5	294.070	267.739	220.031	179.362	168.412
102.0	306.583	283.642	231.762	192.918	179.101
102.5	319.358	300.326	242.451	209.342	190.050
103.0	333.435	316.751	253.922	223.941	201.782
103.5	346.731	334.478	265.653	239.062	215.860
104.0	360.287	352.206	277.385	252.879	236.194
104.5	377.233	367.587	288.595	265.393	252.618
105.0	391.832	381.926	302.673	277.124	264.871
105.5	406.953	397.828	316.229	289.898	277.646
106.0	422.855	413.992	328.482	303.194	291.202
106.5	439.019	429.634	343.081	315.708	304.237
107.0	455.182	446.840	357.941	328.221	317.011
107.5	470.042	463.785	373.322	341.517	330.046
108.0	485.423	481.252	386.097	354.031	344.124
108.5	501.587	500.805	399.132	366.284	357.420
109.0	518.532	521.661	413.992	379.579	370.194
109.5	536.260	542.256	429.112	395.743	384.793
110.0	556.334	562.069	445.536	413.731	397.568
110.5	576.668	583.186	462.221	429.634	412.688

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CANDELA TABULATION - (Cont.)

111.0	598.567	606.649	479.949	446.058	429.894
111.5	621.770	629.330	499.241	461.700	451.011
112.0	646.797	651.229	520.357	477.602	472.128
112.5	672.867	673.388	542.777	494.548	488.813
113.0	696.330	696.590	569.108	512.015	508.104
113.5	720.575	721.096	597.003	527.918	526.875
114.0	746.123	746.384	626.462	545.384	544.342
114.5	772.715	771.151	656.182	563.373	562.851
115.0	800.349	796.178	685.380	583.186	581.100
115.5	827.983	822.769	714.839	603.781	595.960
116.0	855.357	850.664	743.777	623.334	614.470
116.5	883.252	878.820	772.193	645.233	634.544
117.0	913.754	908.279	800.088	669.217	655.921
117.5	945.298	938.520	830.330	695.808	677.820
118.0	977.625	970.586	863.438	722.660	700.501
118.5	1010.734	1003.695	898.112	750.555	723.964
119.0	1044.886	1037.586	932.263	781.318	749.252
119.5	1079.559	1072.259	966.415	816.252	776.625
120.0	1115.014	1107.714	1000.827	853.532	805.042
120.5	1151.251	1143.170	1037.325	892.637	835.544
121.0	1188.271	1180.710	1076.430	930.699	868.913
121.5	1225.811	1217.990	1116.578	970.065	904.629
122.0	1263.874	1254.228	1156.726	1008.648	943.995
122.5	1302.457	1292.290	1198.438	1045.928	985.185
123.0	1341.562	1330.874	1242.757	1082.948	1026.376
123.5	1380.667	1370.239	1288.640	1120.228	1068.349
124.0	1419.251	1409.866	1333.741	1159.594	1107.193
124.5	1457.834	1450.013	1378.582	1201.306	1146.559
125.0	1497.722	1490.943	1424.204	1245.364	1187.228
125.5	1540.216	1531.873	1470.348	1289.422	1228.158
126.0	1581.928	1573.846	1517.274	1332.959	1270.391
126.5	1623.900	1615.558	1563.157	1378.060	1313.667
127.0	1666.394	1656.749	1608.519	1424.204	1356.161
127.5	1709.410	1698.200	1653.099	1471.652	1399.959
128.0	1751.643	1739.912	1697.418	1517.535	1447.146
128.5	1792.573	1781.363	1740.955	1562.114	1495.636
129.0	1834.025	1823.336	1783.188	1607.216	1543.083
129.5	1874.433	1865.309	1825.161	1656.227	1590.791
130.0	1913.277	1907.281	1865.830	1707.585	1638.760
130.5	1951.600	1949.254	1906.238	1758.943	1686.468
131.0	1989.402	1990.705	1947.168	1808.997	1737.305
131.5	2027.725	2032.157	1987.577	1858.530	1787.099
132.0	2066.048	2072.826	2026.160	1910.410	1837.414
132.5	2104.892	2111.931	2064.483	1963.332	1889.032
133.0	2142.172	2149.472	2102.546	2012.083	1941.694
133.5	2177.888	2186.752	2141.390	2057.444	1994.616
134.0	2213.082	2222.989	2179.713	2100.460	2048.059
134.5	2248.016	2259.487	2216.993	2143.997	2098.114
135.0	2282.689	2295.985	2254.534	2185.448	2147.647
135.5	2316.841	2331.180	2292.074	2225.075	2196.137
136.0	2350.993	2365.071	2328.833	2262.615	2242.020
136.5	2384.362	2397.658	2364.028	2298.592	2284.514
137.0	2416.428	2428.681	2397.658	2336.394	2323.880
137.5	2448.234	2458.923	2431.028	2373.934	2361.681
138.0	2478.736	2489.164	2463.876	2410.172	2398.701
138.5	2508.716	2518.623	2496.463	2444.063	2434.677

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139.0	2537.133	2547.039	2526.965	2475.347	2468.829
139.5	2563.724	2574.152	2555.642	2505.327	2501.677
140.0	2590.576	2600.743	2583.798	2534.265	2534.004
140.5	2617.428	2627.856	2612.214	2562.681	2565.549
141.0	2643.498	2651.319	2640.891	2590.576	2595.529
141.5	2669.568	2677.389	2666.961	2620.035	2622.642
142.0	2693.031	2703.459	2693.031	2648.712	2651.319
142.5	2713.887	2726.922	2716.494	2677.389	2677.389
143.0	2737.350	2750.385	2742.564	2703.459	2703.459
143.5	2760.813	2773.848	2766.027	2729.529	2729.529
144.0	2784.276	2797.311	2792.097	2755.599	2755.599
144.5	2805.132	2818.167	2815.560	2781.669	2781.669
145.0	2828.595	2839.023	2836.416	2805.132	2807.739
145.5	2849.451	2857.272	2857.272	2831.202	2833.809
146.0	2870.307	2878.128	2880.735	2857.272	2859.879
146.5	2891.163	2898.984	2904.198	2880.735	2883.342
147.0	2909.412	2919.840	2922.447	2906.805	2909.412
147.5	2927.661	2938.089	2943.303	2930.268	2932.875
148.0	2945.910	2956.338	2964.159	2953.731	2956.338
148.5	2964.159	2974.587	2982.408	2974.587	2979.801
149.0	2982.408	2990.229	3000.657	2995.443	3003.264
149.5	2998.050	3008.478	3018.906	3016.299	3026.727
150.0	3013.692	3026.727	3034.548	3034.548	3047.583
150.5	3031.941	3044.976	3052.797	3055.404	3071.046
151.0	3047.583	3063.225	3068.439	3073.653	3089.295
151.5	3063.225	3078.867	3086.688	3091.902	3110.151
152.0	3078.867	3097.116	3102.330	3110.151	3125.793
152.5	3097.116	3112.758	3115.365	3125.793	3144.042
153.0	3112.758	3128.400	3131.007	3141.435	3159.684
153.5	3128.400	3144.042	3144.042	3154.470	3175.326
154.0	3144.042	3159.684	3159.684	3170.112	3188.361
154.5	3157.077	3175.326	3172.719	3183.147	3204.003
155.0	3172.719	3190.968	3185.754	3196.182	3217.038
155.5	3188.361	3204.003	3198.789	3209.217	3227.466
156.0	3204.003	3219.645	3211.824	3222.252	3240.501
156.5	3219.645	3232.680	3224.859	3232.680	3250.929
157.0	3235.287	3245.715	3237.894	3245.715	3261.357
157.5	3248.322	3258.750	3250.929	3258.750	3271.785
158.0	3263.964	3269.178	3263.964	3269.178	3282.213
158.5	3276.999	3282.213	3274.392	3282.213	3292.641
159.0	3287.427	3292.641	3287.427	3292.641	3303.069
159.5	3300.462	3305.676	3300.462	3303.069	3316.104
160.0	3310.890	3316.104	3310.890	3313.497	3326.532
160.5	3318.711	3323.925	3321.318	3323.925	3339.567
161.0	3329.139	3334.353	3334.353	3334.353	3349.995
161.5	3339.567	3344.781	3344.781	3344.781	3363.030
162.0	3349.995	3352.602	3355.209	3357.816	3373.458
162.5	3360.423	3363.030	3365.637	3368.244	3386.493
163.0	3368.244	3370.851	3376.065	3378.672	3396.921
163.5	3378.672	3378.672	3383.886	3386.493	3407.349
164.0	3386.493	3389.100	3391.707	3396.921	3417.777
164.5	3394.314	3396.921	3402.135	3404.742	3428.205
165.0	3402.135	3404.742	3407.349	3415.170	3436.026
165.5	3407.349	3412.563	3415.170	3422.991	3443.847
166.0	3415.170	3420.384	3420.384	3430.812	3454.275
166.5	3422.991	3425.598	3425.598	3436.026	3459.489

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CANDELA TABULATION - (Cont.)

167.0	3430.812	3433.419	3433.419	3441.240	3467.310
167.5	3436.026	3438.633	3438.633	3449.061	3472.524
168.0	3443.847	3446.454	3443.847	3454.275	3477.738
168.5	3449.061	3451.668	3446.454	3459.489	3482.952
169.0	3456.882	3456.882	3451.668	3462.096	3488.166
169.5	3462.096	3462.096	3456.882	3464.703	3490.773
170.0	3467.310	3467.310	3462.096	3469.917	3493.380
170.5	3472.524	3472.524	3464.703	3472.524	3495.987
171.0	3477.738	3477.738	3469.917	3475.131	3498.594
171.5	3482.952	3480.345	3472.524	3475.131	3501.201
172.0	3485.559	3485.559	3475.131	3477.738	3503.808
172.5	3490.773	3488.166	3477.738	3480.345	3503.808
173.0	3493.380	3490.773	3480.345	3480.345	3506.415
173.5	3498.594	3495.987	3480.345	3482.952	3506.415
174.0	3501.201	3498.594	3482.952	3485.559	3506.415
174.5	3503.808	3498.594	3485.559	3485.559	3509.022
175.0	3506.415	3501.201	3485.559	3485.559	3509.022
175.5	3509.022	3503.808	3488.166	3488.166	3509.022
176.0	3509.022	3503.808	3488.166	3488.166	3509.022
176.5	3511.629	3506.415	3488.166	3488.166	3509.022
177.0	3511.629	3506.415	3490.773	3490.773	3509.022
177.5	3514.236	3506.415	3490.773	3490.773	3509.022
178.0	3514.236	3506.415	3490.773	3490.773	3509.022
178.5	3514.236	3509.022	3490.773	3490.773	3509.022
179.0	3514.236	3509.022	3493.380	3490.773	3509.022
179.5	3514.236	3509.022	3493.380	3490.773	3509.022
180.0	3501.201	3501.201	3501.201	3501.201	3501.201

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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	0.47	N.A.	0.00
10-90	0.47	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	0.47	N.A.	0.00
90-110	439.54	N.A.	5.10
90-120	1131.34	N.A.	13.10
90-130	2364.96	N.A.	27.50
90-150	5841.18	N.A.	67.90
90-180	8607.41	N.A.	100.00
110-180	8167.86	N.A.	94.90
0-180	8607.88	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	0.47
90-100	97.55
100-110	341.99
110-120	691.80
120-130	1233.62
130-140	1712.25
140-150	1763.96
150-160	1470.67
160-170	962.69
170-180	332.87

IES INDOOR REPORT

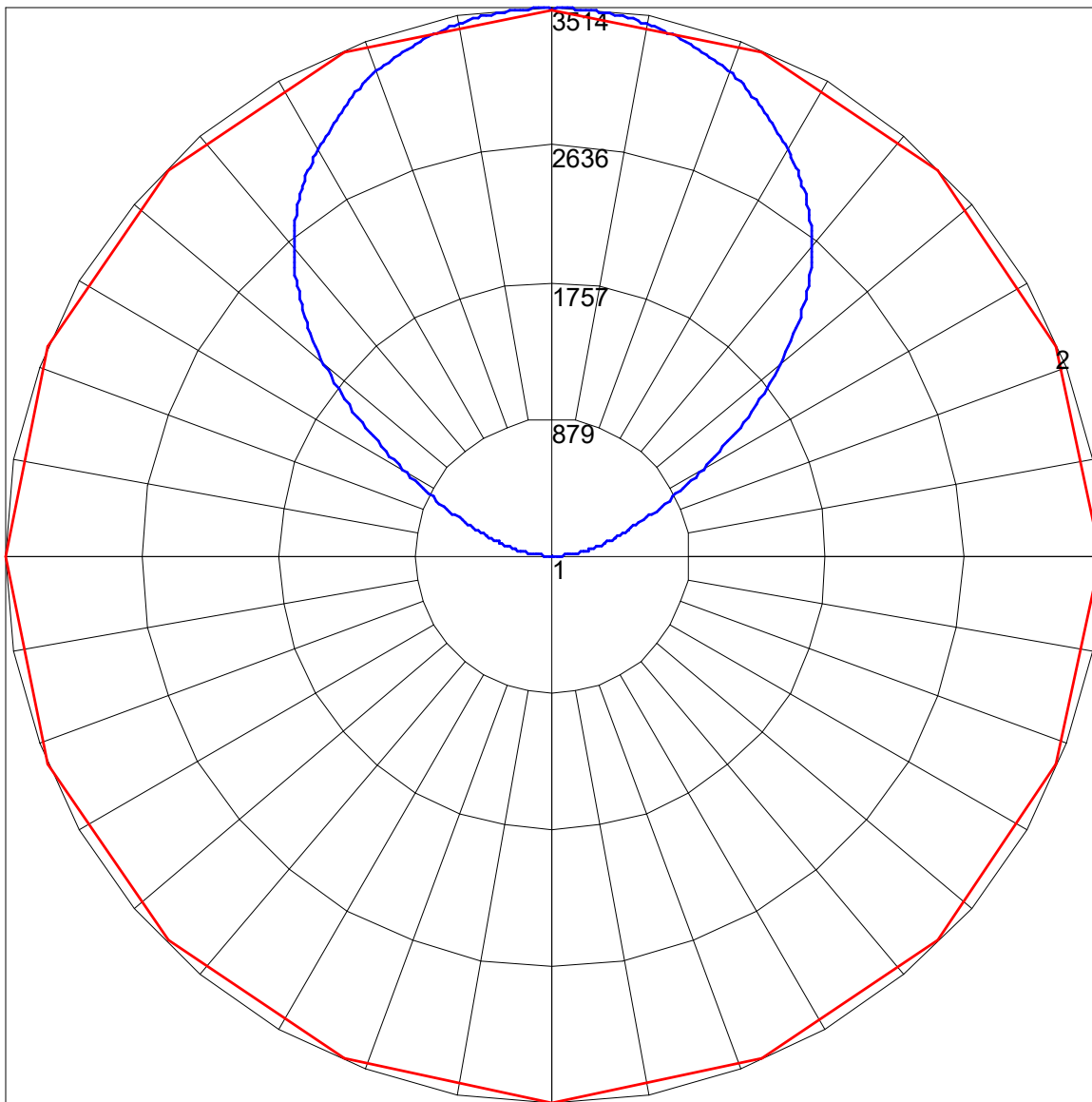
PHOTOMETRIC FILENAME : MX2U-8-00-L10-RGB835-F-DMX-UNV_.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
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 = 3514.236 Located At Horizontal Angle = 0, Vertical Angle = 177.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (177.5) (Through Max. Cd.)