



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN from UL #13052732.23
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 25 JUN 2020
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] MX2U-4-00-L4-835-FW-DIM-UNV
 [LUMINAIRE] Formed White aluminum housing, frosted lens enclosure
 [LAMP] 144 White LEDs
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.
 [SEARCH_SOURCETYPE] LED
 [SEARCH_APPLICATION] Indoor, Architectural, Commercial, Indirect, Linear
 [SEARCH_MOUNTING] Suspended

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3016
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	23.9
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-DIM-UNV_.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-DIM-UNV_.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-DIM-UNV_.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-DIM-UNV_.IES

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	3.568	6.839	5.749	6.641	6.839
90.5	6.046	9.118	6.740	7.334	7.632
91.0	9.713	11.993	8.226	8.028	8.226
91.5	14.669	15.362	10.407	8.920	8.821
92.0	20.021	18.931	13.876	10.605	10.109
92.5	26.067	22.499	18.831	12.786	12.191
93.0	32.212	26.661	24.481	15.759	14.768
93.5	38.158	32.013	30.428	20.219	18.237
94.0	44.006	38.357	35.780	26.166	22.598
94.5	49.854	44.799	40.537	33.005	28.346
95.0	55.800	51.935	45.195	40.240	34.987
95.5	61.549	58.972	50.250	47.079	42.321
96.0	67.198	65.513	56.098	53.224	49.556
96.5	72.749	72.154	63.135	59.071	56.098
97.0	78.398	79.290	71.163	65.216	62.342
97.5	84.246	86.625	80.083	71.758	68.982
98.0	89.697	94.157	89.201	78.299	75.524
98.5	95.247	101.888	97.923	85.534	81.966
99.0	100.699	109.420	106.447	94.058	88.805
99.5	106.447	116.656	114.971	103.771	96.536
100.0	111.997	123.990	123.990	114.277	105.753
100.5	116.953	131.126	133.207	124.684	115.764
101.0	122.305	138.262	142.921	134.397	126.369
101.5	127.756	145.299	152.832	143.614	136.676
102.0	132.910	152.237	163.140	152.634	146.191
102.5	138.361	159.373	173.844	161.653	155.706
103.0	144.308	166.311	185.143	170.771	164.924
103.5	149.363	173.051	196.937	179.989	173.943
104.0	153.724	180.385	208.731	189.107	182.962
104.5	158.779	188.017	220.724	198.721	192.180
105.0	163.833	195.549	232.618	208.731	201.397
105.5	168.888	202.388	245.106	218.940	210.912
106.0	173.745	209.227	257.495	229.545	220.724
106.5	178.205	216.066	270.479	240.348	230.734
107.0	182.764	223.004	283.661	252.143	240.646
107.5	187.521	230.239	296.942	264.631	251.548
108.0	191.684	237.276	310.322	277.516	262.847
108.5	196.540	244.115	323.900	290.896	274.641
109.0	202.091	250.953	337.479	304.672	286.931
109.5	207.938	257.792	350.859	318.746	299.816
110.0	212.993	264.532	363.942	333.118	313.097
110.5	216.958	271.569	377.025	347.786	326.874

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	220.823	278.606	390.306	362.455	341.245
111.5	224.589	285.445	402.992	377.619	355.914
112.0	228.257	292.283	415.778	393.081	370.979
112.5	232.320	299.221	428.167	408.642	386.440
113.0	236.582	306.159	440.853	424.599	402.001
113.5	240.844	312.998	453.143	440.952	418.157
114.0	245.106	319.738	465.136	457.108	434.411
114.5	249.368	326.675	476.831	473.065	450.963
115.0	253.431	333.514	488.427	489.220	467.614
115.5	257.495	340.353	500.024	505.574	484.760
116.0	261.658	347.093	511.322	521.432	501.907
116.5	265.424	353.832	522.720	537.191	519.152
117.0	269.388	360.572	533.821	552.553	536.299
117.5	273.353	367.213	544.723	567.817	553.148
118.0	277.119	374.051	555.428	582.783	569.898
118.5	280.885	380.692	566.033	597.253	586.351
119.0	284.652	387.233	576.539	611.129	602.308
119.5	288.418	393.676	586.648	624.509	617.770
120.0	292.085	400.217	596.857	637.295	632.736
120.5	295.752	406.759	606.867	649.684	647.305
121.0	299.320	413.201	616.877	661.577	661.577
121.5	302.888	419.643	626.690	672.975	674.958
122.0	306.357	425.887	636.304	683.878	688.140
122.5	309.826	432.330	645.620	694.384	700.727
123.0	313.295	438.673	654.739	704.790	713.215
123.5	316.665	445.214	663.659	715.098	725.208
124.0	320.035	451.557	672.281	724.811	736.705
124.5	323.504	458.000	680.508	734.326	747.805
125.0	326.675	464.541	688.437	743.544	758.708
125.5	330.045	470.984	696.465	752.563	769.214
126.0	333.217	477.426	704.196	761.582	779.224
126.5	336.488	483.769	711.927	770.106	788.937
127.0	339.857	490.112	719.360	778.431	798.551
127.5	343.128	496.257	726.893	786.558	807.570
128.0	346.498	502.204	734.326	794.686	816.292
128.5	349.967	508.151	741.760	802.416	824.618
129.0	353.436	514.197	748.995	810.147	832.943
129.5	357.004	520.143	756.230	817.779	840.773
130.0	360.770	525.694	763.564	825.113	848.603
130.5	364.735	531.046	770.601	832.448	856.235
131.0	368.897	536.200	777.440	839.485	863.470
131.5	372.862	541.354	784.180	846.423	870.507
132.0	376.628	546.210	790.820	853.162	877.445
132.5	380.295	551.067	797.263	859.605	884.284
133.0	383.963	555.824	803.606	865.749	890.726
133.5	387.233	560.581	809.453	871.795	896.970
134.0	390.504	565.042	815.598	877.742	902.917
134.5	393.775	569.502	821.347	883.193	908.864
135.0	397.145	574.160	826.798	888.645	914.414
135.5	400.118	578.818	832.150	893.898	919.667
136.0	403.190	583.377	837.205	899.150	924.920
136.5	406.362	587.937	842.161	904.304	929.975
137.0	409.435	592.496	846.621	909.260	934.732
137.5	412.804	597.055	851.180	914.117	939.291
138.0	416.372	601.515	855.541	918.775	943.949
138.5	419.941	605.678	859.605	923.532	948.509

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	423.707	610.138	863.470	928.091	952.969
139.5	427.176	614.598	867.236	932.452	956.933
140.0	430.942	619.058	870.903	936.714	961.096
140.5	434.807	623.320	874.571	940.778	964.961
141.0	438.574	627.483	878.039	944.941	968.926
141.5	442.538	631.546	881.409	948.905	972.791
142.0	446.205	635.412	884.482	952.770	976.458
142.5	450.071	639.178	887.554	956.636	980.126
143.0	453.936	642.944	890.528	960.402	983.694
143.5	458.000	646.512	893.501	964.069	987.361
144.0	462.063	650.080	896.276	967.637	991.028
144.5	465.929	653.450	898.754	971.205	994.100
145.0	469.794	656.721	901.331	974.873	998.065
145.5	473.957	659.992	903.809	978.441	1001.038
146.0	478.318	663.262	906.287	981.910	1005.003
146.5	482.481	666.335	908.566	985.279	1007.976
147.0	486.445	669.011	910.648	988.748	1010.950
147.5	490.410	671.786	912.531	992.118	1014.914
148.0	494.672	674.660	914.315	995.092	1017.888
148.5	499.132	677.138	915.801	998.065	1020.861
149.0	503.493	679.814	917.189	1001.038	1023.834
149.5	507.953	682.391	917.982	1004.012	1027.799
150.0	512.512	684.770	918.577	1005.994	1030.772
150.5	517.368	687.148	919.072	1007.976	1032.754
151.0	522.027	689.329	919.469	1009.958	1035.728
151.5	526.883	691.608	919.865	1011.941	1037.710
152.0	531.740	693.888	919.865	1012.932	1039.692
152.5	536.794	695.771	919.865	1013.923	1041.675
153.0	542.047	697.853	919.369	1013.923	1042.666
153.5	547.201	699.736	918.577	1014.914	1043.657
154.0	552.058	701.718	917.685	1013.923	1043.657
154.5	557.311	703.700	916.396	1013.923	1043.657
155.0	562.663	705.782	915.207	1012.932	1042.666
155.5	568.114	707.764	913.720	1011.941	1041.675
156.0	573.763	709.548	912.134	1010.950	1040.683
156.5	579.016	711.233	910.350	1009.958	1038.701
157.0	584.765	713.314	908.467	1007.976	1036.719
157.5	590.613	714.999	906.386	1005.994	1034.737
158.0	596.460	716.684	904.106	1003.021	1032.754
158.5	602.011	718.270	901.430	1000.047	1029.781
159.0	607.264	719.756	898.754	997.074	1026.808
159.5	612.715	721.342	895.682	993.109	1022.843
160.0	618.067	722.730	892.609	989.640	1019.870
160.5	623.320	724.117	889.239	985.478	1015.905
161.0	628.672	725.406	885.770	980.819	1011.941
161.5	633.925	726.595	882.202	976.062	1007.976
162.0	639.178	727.983	878.238	970.908	1003.021
162.5	644.629	729.073	874.273	965.457	998.065
163.0	649.882	730.362	870.210	959.609	992.118
163.5	655.135	731.452	865.849	953.662	985.775
164.0	660.289	732.542	861.389	947.418	979.234
164.5	665.145	733.731	856.829	940.877	972.296
165.0	669.705	734.822	852.270	934.038	965.060
165.5	674.561	735.813	847.612	927.001	957.330
166.0	679.318	736.804	842.854	919.667	949.401
166.5	683.779	737.696	838.097	912.233	941.174

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	688.239	738.687	833.340	904.602	932.651
167.5	692.600	739.678	828.582	896.772	923.929
168.0	696.961	740.570	823.825	888.843	914.909
168.5	701.322	741.363	819.067	880.716	905.890
169.0	705.484	742.057	814.409	872.489	896.574
169.5	709.548	742.850	809.949	864.362	887.059
170.0	713.413	743.643	805.390	856.136	877.643
170.5	717.180	744.436	801.029	847.909	868.326
171.0	720.549	745.328	796.767	839.881	859.010
171.5	723.721	745.922	792.505	831.952	850.090
172.0	726.893	746.715	788.541	824.221	840.971
172.5	729.965	747.310	784.675	816.788	832.051
173.0	732.740	747.904	781.008	809.453	823.527
173.5	735.317	748.400	777.539	802.516	815.202
174.0	737.696	748.896	774.268	796.172	807.273
174.5	739.975	749.391	771.295	789.829	799.939
175.0	742.057	749.887	768.421	784.180	792.803
175.5	743.940	750.382	765.844	778.828	786.063
176.0	745.625	750.680	763.366	773.971	780.017
176.5	747.211	751.076	761.285	769.610	774.566
177.0	748.499	751.373	759.402	765.745	769.808
177.5	749.689	751.572	757.816	762.375	765.646
178.0	750.581	751.770	756.527	759.699	762.276
178.5	751.373	751.869	755.536	757.419	759.600
179.0	751.968	751.968	754.842	755.834	757.618
179.5	752.265	752.067	754.446	754.941	756.527
180.0	753.851	753.851	753.851	753.851	753.851

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-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	0.17	N.A.	0.00
10-90	0.17	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	0.17	N.A.	0.00
90-110	273.31	N.A.	9.10
90-120	685.85	N.A.	22.70
90-130	1229.21	N.A.	40.80
90-150	2308.26	N.A.	76.50
90-180	3015.68	N.A.	100.00
110-180	2742.37	N.A.	90.90
0-180	3015.85	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	0.17
90-100	54.79
100-110	218.52
110-120	412.55
120-130	543.36
130-140	567.55
140-150	511.50
150-160	396.26
160-170	236.83
170-180	74.33

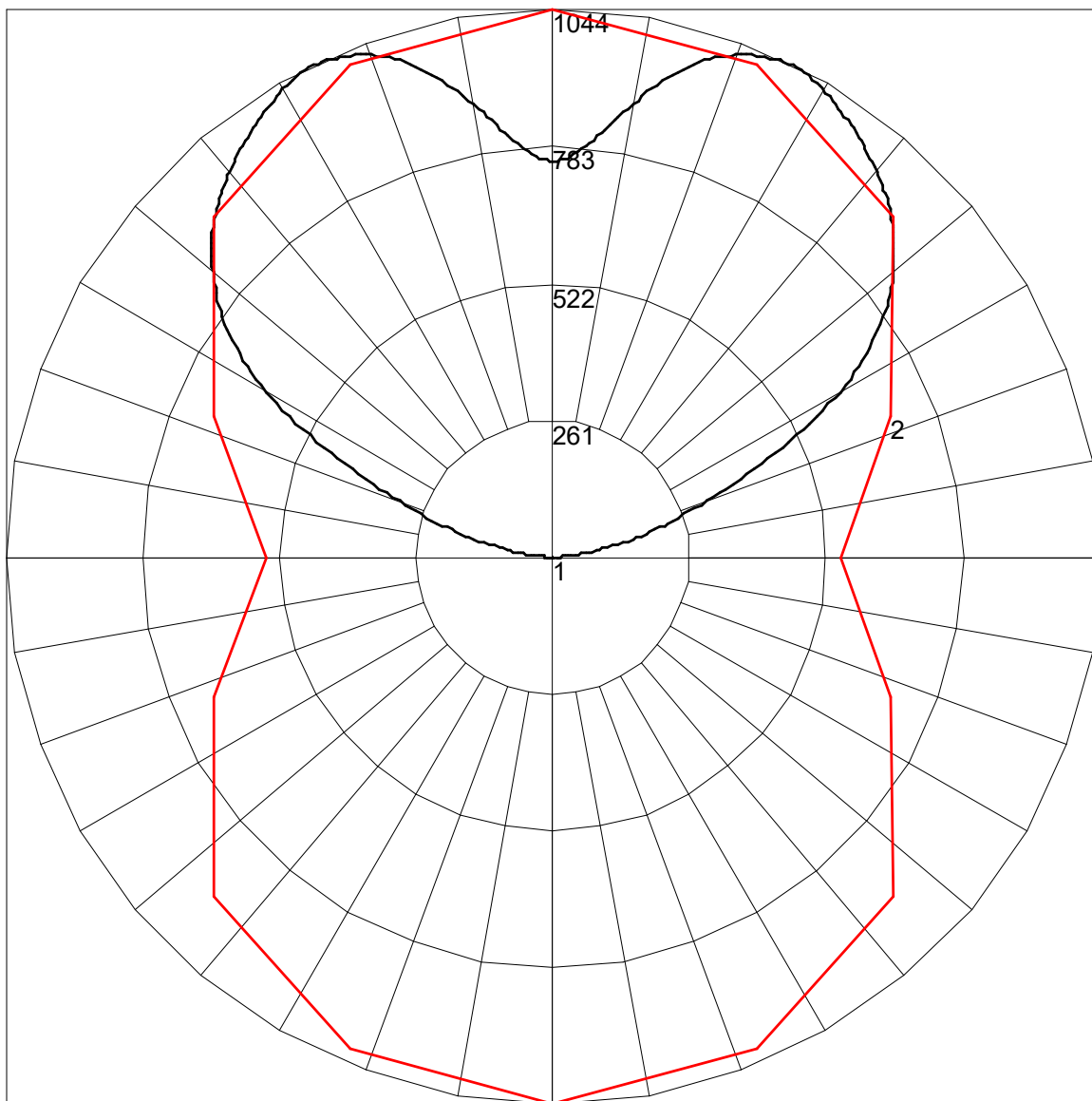
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : MX2U-8-00-L4-835-FW-DIM-UNV_.IES

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	94	94	94	94	81	81	81	81	55	55	55	32	32	32	10	10	10	0
1	86	82	78	75	73	70	67	65	48	46	45	28	27	26	9	9	8	0
2	78	71	66	61	66	61	57	53	42	39	37	24	23	22	8	7	7	0
3	71	63	56	51	60	54	48	44	37	34	31	21	20	18	7	6	6	0
4	65	55	48	43	55	47	41	37	33	29	26	19	17	15	6	6	5	0
5	59	49	41	36	50	42	36	31	29	25	22	17	15	13	5	5	4	0
6	54	43	36	31	46	37	31	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	33	27	23	23	19	16	13	11	10	4	4	3	0
8	46	35	28	23	39	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	36	27	22	18	19	15	13	11	9	7	4	3	2	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 1043.657 Located At Horizontal Angle = 90, Vertical Angle = 153.5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Horizontal Cone Through Vertical Angle (153.5) (Through Max. Cd.)