

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2D-4-00-L8-835-F-(L5)-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 13012869.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 10-01-2025
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO
[LUMCAT] MX2D-4-00-L8-835-F-(L5)-DIM-UNV
[LUMINAIRE] Formed White aluminum housing, frosted plastic lens
[LAMP] 144 White LEDs

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2007
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	16
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)	3.96 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	11217	10266	9409
55	9895	8996	8147
65	8700	7825	7085
75	7173	6571	6100
85	5174	5564	5690

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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	887.504	887.504	887.504	887.504	887.504
0.5	886.155	892.899	885.481	885.481	884.132
1.0	885.481	892.899	885.481	885.481	884.132
1.5	885.481	892.225	885.481	885.481	884.132
2.0	885.481	892.225	884.806	885.481	884.132
2.5	884.806	891.550	884.806	885.481	884.132
3.0	884.132	891.550	884.132	885.481	883.457
3.5	883.457	890.876	883.457	884.806	882.783
4.0	882.783	890.201	882.783	884.132	882.109
4.5	882.109	889.527	881.434	883.457	881.434
5.0	880.760	888.178	880.760	882.783	880.086
5.5	880.086	887.504	879.411	881.434	879.411
6.0	878.737	886.155	878.737	880.086	878.062
6.5	877.388	884.806	877.388	878.062	876.039
7.0	876.039	883.457	876.039	876.039	874.016
7.5	874.690	882.109	874.690	874.016	871.993
8.0	873.342	880.760	872.667	871.318	869.970
8.5	871.318	878.737	871.318	869.295	867.272
9.0	869.295	877.388	869.295	866.598	864.574
9.5	867.946	875.365	867.272	863.900	861.202
10.0	865.923	873.342	864.574	860.528	857.830
10.5	863.900	871.318	862.551	857.830	854.458
11.0	861.877	869.295	859.179	854.458	850.412
11.5	859.179	866.598	856.482	851.087	847.040
12.0	857.156	864.574	853.784	847.715	842.994
12.5	854.458	861.877	850.412	843.668	838.947
13.0	851.761	859.179	847.040	840.296	834.901
13.5	849.063	856.482	843.668	836.250	831.529
14.0	846.366	853.784	840.296	832.203	826.808
14.5	842.994	850.412	836.250	828.157	822.088
15.0	839.622	847.040	832.203	823.436	818.041
15.5	836.924	844.343	828.157	818.716	813.320
16.0	833.552	840.296	824.111	814.669	808.600
16.5	830.180	836.924	820.064	809.948	803.879
17.0	826.808	832.878	815.344	804.553	798.484
17.5	823.436	829.506	810.623	799.832	793.763
18.0	819.390	825.460	805.902	794.437	788.368
18.5	816.018	821.413	801.181	789.717	782.973
19.0	811.972	817.367	796.461	784.321	777.577
19.5	807.925	812.646	791.740	778.926	772.182
20.0	803.879	808.600	786.345	773.531	766.787
20.5	799.832	803.879	780.949	767.462	760.718
21.0	795.112	799.158	776.229	761.392	754.648
21.5	791.065	794.437	770.834	755.322	748.578
22.0	786.345	789.717	765.438	749.253	741.835
22.5	782.298	784.996	760.043	743.183	735.091
23.0	777.577	780.275	753.974	736.439	729.021
23.5	772.857	774.880	748.578	730.370	721.603
24.0	767.462	770.159	743.183	723.626	714.859
24.5	762.741	764.764	737.114	716.882	708.115
25.0	757.346	759.369	731.044	710.812	701.371
25.5	752.625	753.299	725.649	704.068	694.627
26.0	746.555	747.904	718.905	696.650	687.883
26.5	741.160	741.835	712.836	689.906	681.139

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CANDELA TABULATION - (Cont.)

27.0	735.091	736.439	706.766	683.837	674.328
27.5	729.695	730.370	700.022	677.093	667.381
28.0	723.626	724.300	693.952	669.742	660.705
28.5	717.556	718.231	687.209	663.065	653.893
29.0	711.487	711.487	680.465	656.321	647.217
29.5	704.068	705.417	673.586	649.375	640.001
30.0	697.999	698.673	666.707	642.766	632.920
30.5	691.929	691.929	659.558	635.550	625.839
31.0	685.185	685.185	652.342	628.604	618.825
31.5	678.441	678.441	645.126	621.253	611.272
32.0	671.900	671.495	637.910	613.834	603.988
32.5	665.223	664.077	630.559	606.281	596.840
33.0	658.547	656.928	623.208	598.728	589.151
33.5	651.735	649.577	615.790	591.040	581.868
34.0	644.857	642.159	608.102	583.352	573.910
34.5	637.910	634.673	600.751	575.529	566.222
35.0	631.166	627.322	593.130	567.571	558.332
35.5	624.085	619.971	585.442	559.883	550.104
36.0	616.869	612.283	577.957	551.790	541.809
36.5	610.193	604.797	570.201	543.697	533.109
37.0	602.842	597.312	562.243	535.605	524.477
37.5	595.558	589.826	554.420	527.444	515.912
38.0	588.477	582.205	546.462	519.284	507.347
38.5	581.126	574.787	538.639	510.854	500.199
39.0	573.640	567.301	530.951	503.099	493.185
39.5	566.155	559.883	523.196	496.557	485.025
40.0	558.534	552.532	515.373	489.139	477.067
40.5	551.048	545.113	507.819	481.181	469.379
41.0	543.697	537.830	501.885	473.493	461.961
41.5	536.144	530.479	494.736	466.074	454.745
42.0	528.726	522.993	488.060	458.791	447.798
42.5	521.172	515.642	480.709	451.845	441.054
43.0	513.889	508.157	473.628	445.033	434.513
43.5	506.875	502.357	466.614	438.357	428.039
44.0	500.738	495.680	459.735	431.815	421.699
44.5	494.871	488.599	452.924	425.341	415.292
45.0	487.520	481.653	446.180	419.002	408.953
45.5	480.372	474.369	439.503	412.662	402.681
46.0	473.223	467.153	432.894	406.390	396.342
46.5	466.142	460.005	426.353	400.051	390.138
47.0	458.993	452.991	419.811	393.779	383.866
47.5	451.912	445.977	413.202	387.373	377.594
48.0	444.966	438.964	406.593	381.033	371.389
48.5	438.087	432.017	399.916	374.761	365.185
49.0	431.208	425.071	393.240	368.489	359.048
49.5	424.329	418.260	386.496	362.285	352.978
50.0	417.451	411.381	379.887	356.081	346.909
50.5	410.572	404.502	373.278	349.944	340.907
51.0	403.693	397.691	366.736	343.874	334.905
51.5	396.679	390.879	360.262	337.737	328.902
52.0	389.800	383.933	353.855	331.667	322.900
52.5	382.854	377.189	347.651	325.598	316.966
53.0	376.043	370.445	341.446	319.596	310.964
53.5	369.231	363.769	335.377	313.594	304.961
54.0	362.420	357.160	329.240	307.592	299.027
54.5	355.608	350.618	323.170	301.589	293.092

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CANDELA TABULATION - (Cont.)

55.0	348.865	344.076	317.168	295.655	287.225
55.5	342.255	337.602	311.166	289.788	281.425
56.0	335.714	331.061	305.164	284.055	275.693
56.5	329.240	324.586	299.162	278.323	270.163
57.0	322.900	318.180	293.092	272.658	264.700
57.5	316.561	311.908	287.090	267.060	259.305
58.0	310.357	305.703	281.088	261.463	253.977
58.5	304.152	299.499	275.153	255.933	248.649
59.0	297.948	293.362	269.353	250.470	243.389
59.5	291.811	287.225	263.486	245.143	238.196
60.0	285.809	281.088	257.686	239.882	233.071
60.5	279.739	275.018	252.021	234.622	227.878
61.0	273.737	269.016	246.424	229.429	222.820
61.5	267.667	263.149	240.826	224.236	217.830
62.0	261.665	257.282	235.296	219.178	212.974
62.5	255.663	251.482	229.834	214.188	208.051
63.0	249.728	245.615	224.439	209.197	203.195
63.5	243.794	239.747	219.111	204.207	198.407
64.0	237.859	233.880	213.783	199.351	193.619
64.5	231.924	228.013	208.523	194.428	188.831
65.0	225.990	222.213	203.263	189.572	184.042
65.5	220.123	216.481	198.070	184.649	179.322
66.0	214.255	210.748	192.877	179.794	174.871
66.5	208.388	205.084	187.684	174.938	170.150
67.0	202.656	199.284	182.491	170.082	165.497
67.5	196.856	193.551	177.298	165.294	160.776
68.0	191.056	187.819	172.173	160.506	156.190
68.5	185.324	182.154	166.980	155.785	151.604
69.0	179.591	176.557	161.855	151.132	147.086
69.5	173.792	170.959	156.729	146.479	142.567
70.0	168.194	165.362	151.739	141.893	138.184
70.5	162.597	159.832	146.748	137.374	133.800
71.0	156.999	154.234	141.825	132.856	129.484
71.5	151.537	148.839	136.902	128.472	125.235
72.0	146.074	143.444	132.047	124.089	121.054
72.5	140.679	138.184	127.326	119.773	116.940
73.0	135.284	132.923	122.672	115.524	112.826
73.5	129.888	127.730	118.019	111.275	108.780
74.0	124.561	122.538	113.433	107.094	104.801
74.5	119.300	117.412	108.982	103.048	100.889
75.0	114.108	112.422	104.531	99.001	97.045
75.5	108.982	107.431	100.148	95.022	93.269
76.0	103.857	102.643	95.764	91.043	89.492
76.5	98.866	97.787	91.515	87.132	85.783
77.0	93.876	93.067	87.267	83.355	82.141
77.5	89.020	88.346	83.220	79.579	78.500
78.0	84.232	83.760	79.174	75.937	74.925
78.5	79.511	79.241	75.195	72.295	71.418
79.0	74.925	74.790	71.351	68.788	67.979
79.5	70.339	70.542	67.507	65.281	64.607
80.0	65.956	66.360	63.663	61.775	61.235
80.5	61.640	62.247	60.021	58.403	57.931
81.0	57.458	58.200	56.447	55.031	54.693
81.5	53.345	54.289	52.805	51.726	51.456
82.0	49.366	50.377	49.366	48.489	48.354
82.5	45.454	46.601	45.859	45.319	45.184

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CANDELA TABULATION - (Cont.)

83.0	41.745	42.892	42.487	42.217	42.150
83.5	38.036	39.317	39.182	39.115	39.115
84.0	34.529	35.878	35.945	36.080	36.215
84.5	31.090	32.506	32.843	33.180	33.315
85.0	27.718	29.201	29.808	30.280	30.483
85.5	24.548	26.032	26.841	27.448	27.785
86.0	21.446	22.929	23.941	24.683	25.020
86.5	18.478	20.030	21.109	21.985	22.457
87.0	15.579	17.130	18.344	19.355	19.895
87.5	12.746	14.365	15.713	16.792	17.332
88.0	9.981	11.667	13.083	14.230	14.904
88.5	7.283	8.969	10.453	11.802	12.544
89.0	4.518	6.204	7.756	8.969	9.711
89.5	1.821	3.372	4.384	4.923	5.395
90.0	0.405	1.551	2.360	3.035	3.305
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

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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
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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-4-00-L8-835-F-(L5)-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	318.09	N.A.	15.80
0-30	654.80	N.A.	32.60
0-40	1026.51	N.A.	51.10
0-60	1658.33	N.A.	82.60
0-80	1973.69	N.A.	98.30
0-90	2007.24	N.A.	100.00
10-90	1923.51	N.A.	95.80
20-40	708.42	N.A.	35.30
20-50	1054.74	N.A.	52.50
40-70	835.00	N.A.	41.60
60-80	315.36	N.A.	15.70
70-80	112.18	N.A.	5.60
80-90	33.55	N.A.	1.70
90-110	0.06	N.A.	0.00
90-120	0.06	N.A.	0.00
90-130	0.06	N.A.	0.00
90-150	0.06	N.A.	0.00
90-180	0.06	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2007.3	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	83.73
10-20	234.36
20-30	336.71
30-40	371.71
40-50	346.32
50-60	285.51
60-70	203.18
70-80	112.18
80-90	33.55
90-100	0.06
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
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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	71	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-4-00-L8-835-F-(L5)-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

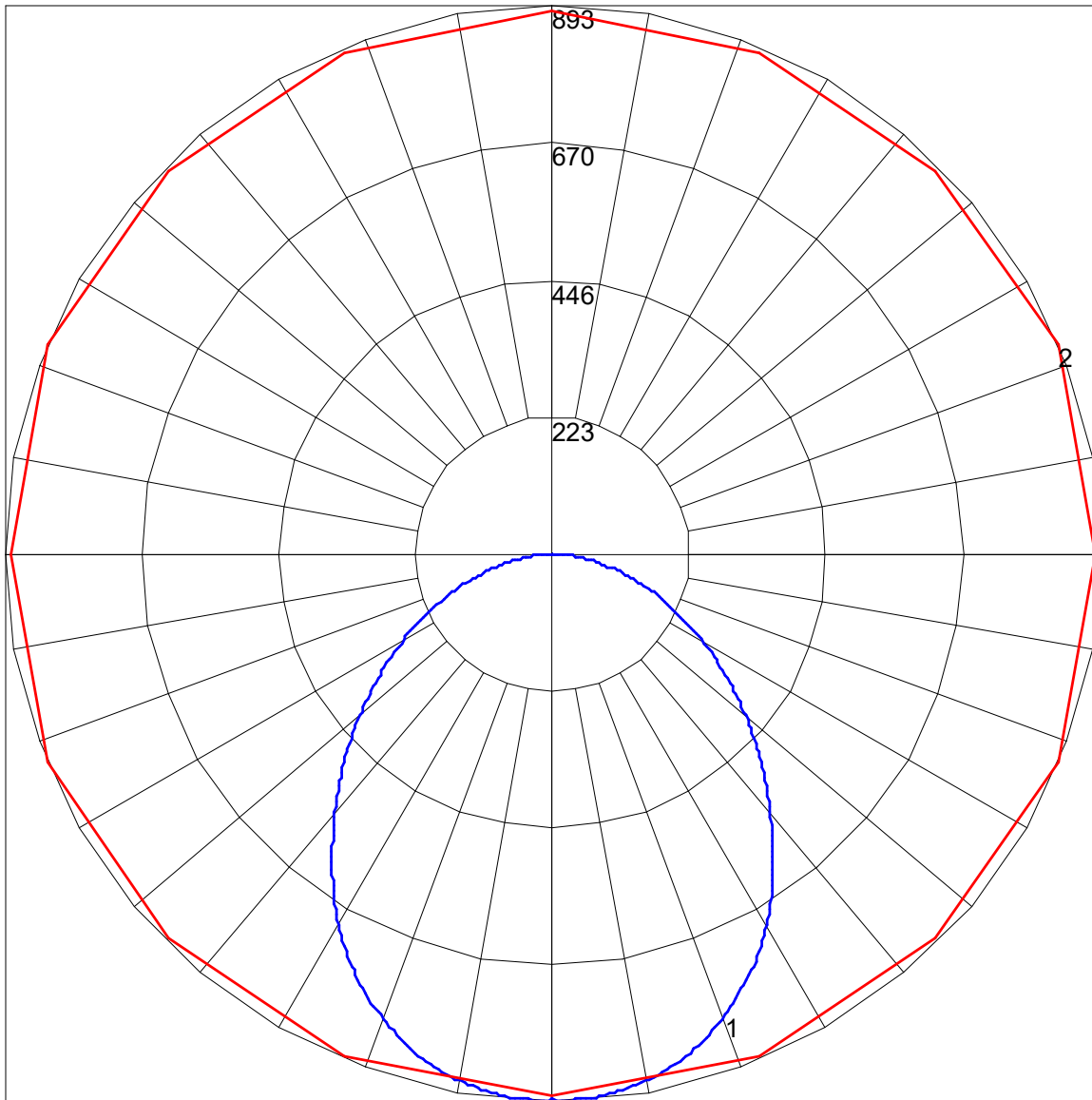
X=2H	Y=2H	19.8	21.4	20.2	21.7	22.0	18.7	20.3	19.1	20.6	20.9
	3H	21.5	22.9	21.9	23.2	23.6	20.3	21.7	20.7	22.1	22.4
	4H	22.1	23.4	22.5	23.7	24.1	20.9	22.2	21.3	22.6	23.0
	6H	22.5	23.7	22.9	24.1	24.5	21.4	22.6	21.8	23.0	23.4
	8H	22.6	23.8	23.0	24.2	24.6	21.6	22.7	22.0	23.1	23.5
	12H	22.7	23.8	23.1	24.2	24.6	21.7	22.8	22.1	23.2	23.6

UGR Viewed Endwise

4H	2H	20.3	21.6	20.7	22.0	22.3	19.4	20.7	19.8	21.0	21.4
	3H	22.2	23.3	22.6	23.7	24.1	21.2	22.3	21.6	22.7	23.1
	4H	22.9	23.9	23.3	24.3	24.7	21.9	22.9	22.3	23.3	23.8
	6H	23.4	24.3	23.9	24.8	25.2	22.5	23.4	23.0	23.8	24.3
	8H	23.6	24.4	24.1	24.9	25.3	22.7	23.5	23.2	24.0	24.5
	12H	23.7	24.5	24.2	24.9	25.4	22.9	23.6	23.4	24.1	24.6
8H	4H	23.1	23.9	23.6	24.4	24.8	22.2	23.1	22.7	23.5	24.0
	6H	23.8	24.5	24.3	24.9	25.4	23.0	23.6	23.5	24.1	24.6
	8H	24.0	24.6	24.5	25.1	25.6	23.3	23.9	23.8	24.4	24.9
	12H	24.2	24.8	24.7	25.2	25.8	23.5	24.1	24.0	24.6	25.1
12H	4H	23.1	23.9	23.6	24.3	24.8	22.3	23.0	22.8	23.5	24.0
	6H	23.8	24.4	24.3	24.9	25.4	23.0	23.7	23.5	24.1	24.6
	8H	24.1	24.7	24.6	25.1	25.7	23.4	23.9	23.9	24.4	25.0

Maximum UGR = 25.8

POLAR GRAPH



Maximum Candela = 892.899 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.)