

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2D-5-00-L4-835-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] 08-18-2022

[MANUFAC] H E Williams Inc

[LUMCAT] MX2D-5'00-L4/835-F-DIM-UNV

[LUMINAIRE] Formed White aluminum housing, frosted plastic lens

[LAMP] 144 White LEDs

[BALLAST] One Philips Advance XI040C110V054BST1 Driver

[OTHER] 24.6 C, 119.988 V, 0.225834 A, 26.9225 W, 0.993544 PF, 59.9999

[MORE] Hz

[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	1880
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	17
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)	5.00 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	8318	7612	6977
55	7338	6671	6041
65	6451	5802	5254
75	5319	4872	4523
85	3837	4126	4219

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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	831.344	831.344	831.344	831.344	831.344
0.5	830.081	836.398	829.449	829.449	828.185
1.0	829.449	836.398	829.449	829.449	828.185
1.5	829.449	835.766	829.449	829.449	828.185
2.0	829.449	835.766	828.817	829.449	828.185
2.5	828.817	835.134	828.817	829.449	828.185
3.0	828.185	835.134	828.185	829.449	827.554
3.5	827.554	834.503	827.554	828.817	826.922
4.0	826.922	833.871	826.922	828.185	826.290
4.5	826.290	833.239	825.659	827.554	825.659
5.0	825.027	831.976	825.027	826.922	824.395
5.5	824.395	831.344	823.763	825.659	823.763
6.0	823.132	830.081	823.132	824.395	822.500
6.5	821.868	828.817	821.868	822.500	820.605
7.0	820.605	827.554	820.605	820.605	818.710
7.5	819.341	826.290	819.341	818.710	816.815
8.0	818.078	825.027	817.446	816.183	814.919
8.5	816.183	823.132	816.183	814.288	812.392
9.0	814.288	821.868	814.288	811.761	809.866
9.5	813.024	819.973	812.392	809.234	806.707
10.0	811.129	818.078	809.866	806.075	803.548
10.5	809.234	816.183	807.970	803.548	800.390
11.0	807.339	814.288	804.812	800.390	796.599
11.5	804.812	811.761	802.285	797.231	793.441
12.0	802.917	809.866	799.758	794.073	789.651
12.5	800.390	807.339	796.599	790.282	785.860
13.0	797.863	804.812	793.441	787.124	782.070
13.5	795.336	802.285	790.282	783.333	778.911
14.0	792.809	799.758	787.124	779.543	774.489
14.5	789.651	796.599	783.333	775.753	770.067
15.0	786.492	793.441	779.543	771.331	766.277
15.5	783.965	790.914	775.753	766.909	761.855
16.0	780.806	787.124	771.962	763.118	757.433
16.5	777.648	783.965	768.172	758.696	753.011
17.0	774.489	780.175	763.750	753.642	747.957
17.5	771.331	777.016	759.328	749.220	743.535
18.0	767.540	773.226	754.906	744.167	738.481
18.5	764.382	769.435	750.484	739.745	733.427
19.0	760.591	765.645	746.062	734.691	728.374
19.5	756.801	761.223	741.640	729.637	723.320
20.0	753.011	757.433	736.586	724.583	718.266
20.5	749.220	753.011	731.532	718.898	712.581
21.0	744.798	748.589	727.110	713.212	706.895
21.5	741.008	744.167	722.056	707.527	701.210
22.0	736.586	739.745	717.003	701.841	694.892
22.5	732.796	735.323	711.949	696.156	688.575
23.0	728.374	730.901	706.263	689.839	682.890
23.5	723.952	725.847	701.210	684.153	675.941
24.0	718.898	721.425	696.156	677.836	669.624
24.5	714.476	716.371	690.470	671.519	663.306
25.0	709.422	711.317	684.785	665.833	656.989
25.5	705.000	705.632	679.731	659.516	650.672
26.0	699.315	700.578	673.414	652.567	644.355
26.5	694.261	694.892	667.728	646.250	638.038

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CANDELA TABULATION - (Cont.)

27.0	688.575	689.839	662.043	640.565	631.657
27.5	683.521	684.153	655.726	634.247	625.151
28.0	677.836	678.468	650.040	627.362	618.896
28.5	672.151	672.782	643.723	621.108	612.516
29.0	666.465	666.465	637.406	614.790	606.262
29.5	659.516	660.780	630.962	608.284	599.503
30.0	653.831	654.462	624.519	602.093	592.870
30.5	648.145	648.145	617.823	595.333	586.237
31.0	641.828	641.828	611.063	588.827	579.667
31.5	635.511	635.511	604.304	581.941	572.591
32.0	629.383	629.004	597.544	574.992	565.769
32.5	623.129	622.055	590.659	567.917	559.073
33.0	616.875	615.359	583.773	560.841	551.871
33.5	610.495	608.473	576.824	553.640	545.048
34.0	604.051	601.524	569.622	546.438	537.594
34.5	597.544	594.512	562.737	539.110	530.392
35.0	591.227	587.626	555.598	531.656	523.001
35.5	584.594	580.741	548.396	524.454	515.294
36.0	577.835	573.539	541.384	516.874	507.524
36.5	571.581	566.527	534.120	509.293	499.375
37.0	564.695	559.515	526.665	501.712	491.289
37.5	557.872	552.503	519.337	494.069	483.266
38.0	551.239	545.364	511.883	486.425	475.243
38.5	544.353	538.415	504.555	478.528	468.547
39.0	537.341	531.403	497.353	471.263	461.977
39.5	530.329	524.454	490.089	465.136	454.333
40.0	523.191	517.569	482.761	458.187	446.879
40.5	516.179	510.620	475.685	450.733	439.677
41.0	509.293	503.797	470.126	443.531	432.728
41.5	502.218	496.911	463.430	436.582	425.969
42.0	495.269	489.899	457.176	429.759	419.462
42.5	488.194	483.013	450.290	423.253	413.145
43.0	481.371	476.001	443.657	416.872	407.017
43.5	474.801	470.569	437.087	410.618	400.953
44.0	469.052	464.315	430.644	404.491	395.015
44.5	463.556	457.681	424.263	398.426	389.013
45.0	456.671	451.175	417.946	392.488	383.075
45.5	449.974	444.352	411.692	386.550	377.200
46.0	443.278	437.593	405.501	380.675	371.262
46.5	436.645	430.897	399.374	374.737	365.450
47.0	429.949	424.327	393.246	368.862	359.575
47.5	423.316	417.757	387.055	362.860	353.700
48.0	416.809	411.187	380.864	356.922	347.888
48.5	410.366	404.680	374.610	351.047	342.077
49.0	403.922	398.173	368.356	345.172	336.328
49.5	397.478	391.793	362.039	339.360	330.642
50.0	391.035	385.349	355.848	333.548	324.957
50.5	384.591	378.906	349.657	327.800	319.335
51.0	378.148	372.526	343.530	322.114	313.712
51.5	371.578	366.145	337.465	316.366	308.090
52.0	365.134	359.638	331.464	310.680	302.468
52.5	358.628	353.321	325.652	304.995	296.909
53.0	352.247	347.004	319.840	299.372	291.286
53.5	345.867	340.750	314.155	293.750	285.664
54.0	339.487	334.559	308.406	288.128	280.105
54.5	333.106	328.431	302.720	282.505	274.546

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CANDELA TABULATION - (Cont.)

55.0	326.789	322.304	297.098	276.946	269.050
55.5	320.598	316.239	291.476	271.450	263.617
56.0	314.470	310.112	285.853	266.081	258.247
56.5	308.406	304.047	280.231	260.711	253.067
57.0	302.468	298.046	274.546	255.405	247.950
57.5	296.530	292.171	268.923	250.161	242.897
58.0	290.718	286.359	263.301	244.918	237.906
58.5	284.906	280.547	257.742	239.738	232.915
59.0	279.094	274.798	252.309	234.621	227.988
59.5	273.345	269.050	246.813	229.630	223.124
60.0	267.723	263.301	241.380	224.703	218.323
60.5	262.038	257.616	236.074	219.776	213.458
61.0	256.415	251.993	230.831	214.911	208.720
61.5	250.730	246.497	225.587	210.047	204.046
62.0	245.108	241.001	220.407	205.309	199.497
62.5	239.485	235.569	215.290	200.634	194.886
63.0	233.926	230.073	210.237	195.960	190.337
63.5	228.367	224.577	205.246	191.285	185.852
64.0	222.808	219.081	200.255	186.737	181.367
64.5	217.249	213.585	195.328	182.125	176.882
65.0	211.690	208.152	190.401	177.577	172.397
65.5	206.194	202.782	185.536	172.965	167.974
66.0	200.698	197.413	180.672	168.417	163.805
66.5	195.202	192.106	175.808	163.868	159.383
67.0	189.832	186.673	170.944	159.320	155.024
67.5	184.399	181.304	166.079	154.835	150.602
68.0	178.966	175.934	161.278	150.349	146.306
68.5	173.597	170.628	156.414	145.927	142.011
69.0	168.227	165.384	151.613	141.569	137.778
69.5	162.794	160.141	146.812	137.210	133.546
70.0	157.551	154.898	142.137	132.914	129.440
70.5	152.308	149.718	137.462	128.681	125.333
71.0	147.065	144.474	132.851	124.449	121.290
71.5	141.948	139.421	128.239	120.343	117.310
72.0	136.831	134.367	123.691	116.237	113.394
72.5	131.777	129.440	119.269	112.194	109.540
73.0	126.723	124.512	114.910	108.214	105.687
73.5	121.669	119.648	110.551	104.234	101.897
74.0	116.679	114.784	106.255	100.317	98.169
74.5	111.751	109.983	102.086	96.527	94.505
75.0	106.887	105.308	97.917	92.737	90.905
75.5	102.086	100.633	93.810	89.009	87.367
76.0	97.285	96.148	89.704	85.282	83.829
76.5	92.610	91.599	85.724	81.618	80.355
77.0	87.935	87.177	81.745	78.081	76.944
77.5	83.387	82.755	77.954	74.543	73.532
78.0	78.902	78.460	74.164	71.132	70.184
78.5	74.480	74.227	70.437	67.720	66.899
79.0	70.184	70.058	66.836	64.435	63.677
79.5	65.888	66.078	63.235	61.151	60.519
80.0	61.782	62.161	59.634	57.866	57.360
80.5	57.739	58.308	56.223	54.707	54.265
81.0	53.823	54.517	52.875	51.548	51.233
81.5	49.969	50.853	49.464	48.453	48.200
82.0	46.242	47.190	46.242	45.421	45.294
82.5	42.578	43.652	42.957	42.452	42.325

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CANDELA TABULATION - (Cont.)

83.0	39.103	40.177	39.798	39.546	39.483
83.5	35.629	36.829	36.703	36.640	36.640
84.0	32.344	33.608	33.671	33.797	33.923
84.5	29.122	30.449	30.765	31.081	31.207
85.0	25.964	27.353	27.922	28.364	28.554
85.5	22.995	24.384	25.142	25.711	26.027
86.0	20.089	21.478	22.426	23.121	23.437
86.5	17.309	18.762	19.773	20.594	21.036
87.0	14.593	16.046	17.183	18.130	18.636
87.5	11.940	13.456	14.719	15.730	16.235
88.0	9.349	10.929	12.255	13.329	13.961
88.5	6.823	8.402	9.792	11.055	11.750
89.0	4.233	5.812	7.265	8.402	9.097
89.5	1.706	3.159	4.106	4.612	5.054
90.0	0.379	1.453	2.211	2.843	3.095
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-5-00-L4-835-F-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	297.96	N.A.	15.80
0-30	613.36	N.A.	32.60
0-40	961.55	N.A.	51.10
0-60	1553.4	N.A.	82.60
0-80	1848.8	N.A.	98.30
0-90	1880.23	N.A.	100.00
10-90	1801.79	N.A.	95.80
20-40	663.59	N.A.	35.30
20-50	988.00	N.A.	52.50
40-70	782.17	N.A.	41.60
60-80	295.41	N.A.	15.70
70-80	105.09	N.A.	5.60
80-90	31.42	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	1880.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	78.43
10-20	219.53
20-30	315.40
30-40	348.19
40-50	324.40
50-60	267.44
60-70	190.32
70-80	105.09
80-90	31.42
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
PHOTOMETRIC FILENAME : MX2D-5-00-L4-835-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	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

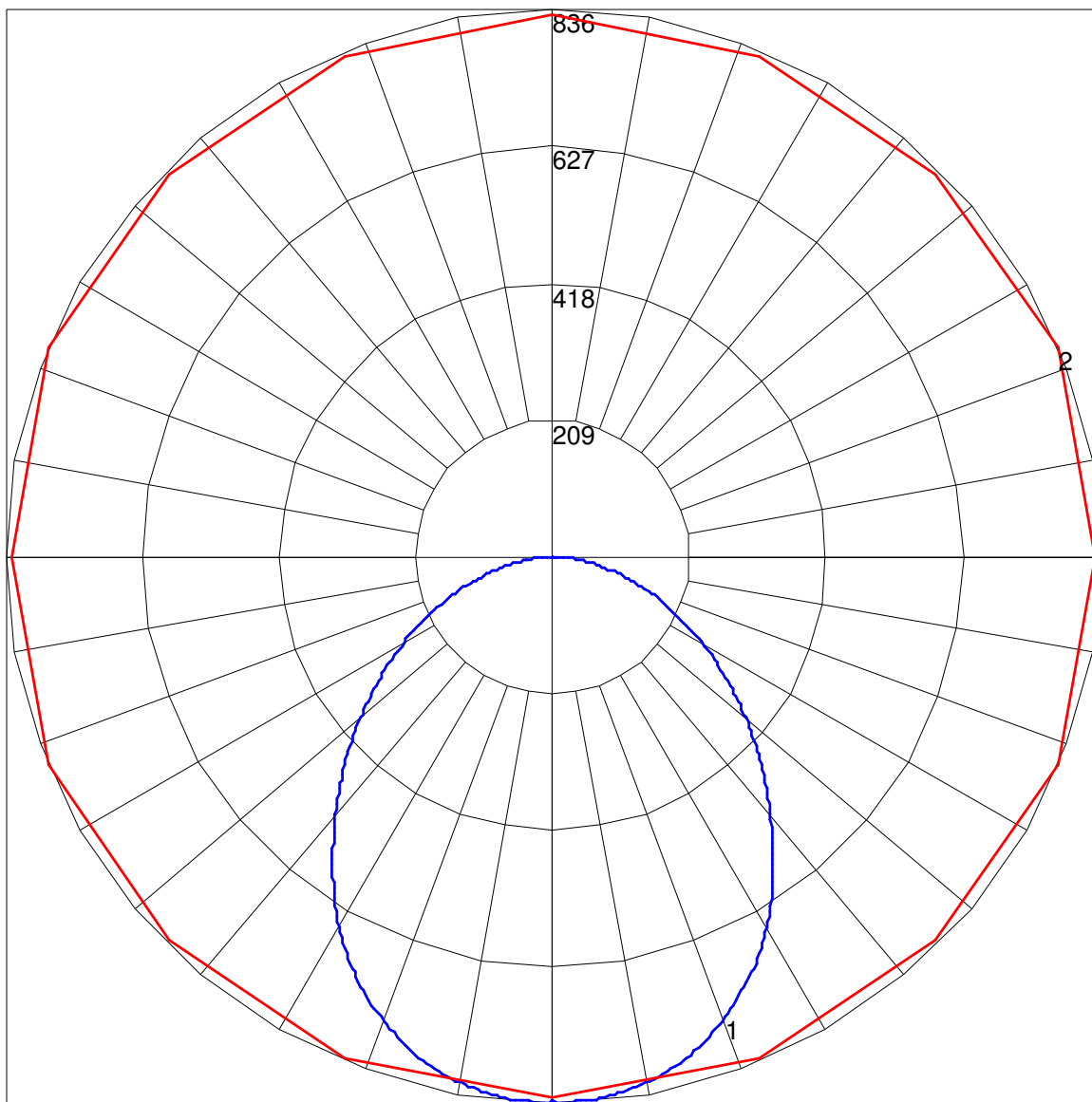
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2D-5-00-L4-835-F-DIM-UNV_.IES

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					UGR Viewed Endwise				
X=2H	Y=2H	18.8	20.4	19.2	20.7	21.0	17.7	19.3	18.0	19.6	19.9
	3H	20.5	21.9	20.9	22.2	22.6	19.3	20.7	19.7	21.0	21.4
	4H	21.1	22.4	21.5	22.7	23.1	19.9	21.2	20.3	21.6	22.0
	6H	21.5	22.7	21.9	23.1	23.5	20.4	21.6	20.8	22.0	22.4
	8H	21.6	22.8	22.0	23.2	23.6	20.5	21.7	21.0	22.1	22.5
	12H	21.7	22.8	22.1	23.2	23.6	20.7	21.8	21.1	22.2	22.6
4H	2H	19.3	20.6	19.7	21.0	21.3	18.4	19.7	18.8	20.0	20.4
	3H	21.2	22.3	21.6	22.7	23.1	20.2	21.3	20.6	21.7	22.1
	4H	21.9	22.9	22.3	23.3	23.7	20.9	21.9	21.3	22.3	22.8
	6H	22.4	23.3	22.9	23.7	24.2	21.5	22.4	22.0	22.8	23.3
	8H	22.6	23.4	23.1	23.9	24.3	21.7	22.5	22.2	23.0	23.4
	12H	22.7	23.5	23.2	23.9	24.4	21.9	22.6	22.4	23.1	23.6
8H	4H	22.1	22.9	22.6	23.4	23.8	21.2	22.0	21.7	22.5	23.0
	6H	22.8	23.4	23.3	23.9	24.4	21.9	22.6	22.4	23.1	23.6
	8H	23.0	23.6	23.5	24.1	24.6	22.3	22.9	22.8	23.4	23.9
	12H	23.2	23.7	23.7	24.2	24.8	22.5	23.1	23.0	23.6	24.1
12H	4H	22.1	22.9	22.6	23.3	23.8	21.3	22.0	21.8	22.5	22.9
	6H	22.8	23.4	23.3	23.9	24.4	22.0	22.6	22.5	23.1	23.6
	8H	23.1	23.6	23.6	24.1	24.7	22.4	22.9	22.9	23.4	24.0

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 836.398 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.)