

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2D-2'00-L8-835-(L6)-F-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM 13012869.01

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 07-05-2023

[MANUFAC] H E Williams Inc

[LUMCAT] MX2D-2'00-L8-835-(L6)-F-DIM-UNV

[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	1210
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	9.74
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)	2.00 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	13383	12248	11226
55	11806	10734	9720
65	10380	9336	8453
75	8558	7840	7278
85	6173	6639	6789

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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	535.067	535.067	535.067	535.067	535.067
0.5	534.254	538.320	533.847	533.847	533.034
1.0	533.847	538.320	533.847	533.847	533.034
1.5	533.847	537.913	533.847	533.847	533.034
2.0	533.847	537.913	533.441	533.847	533.034
2.5	533.441	537.507	533.441	533.847	533.034
3.0	533.034	537.507	533.034	533.847	532.628
3.5	532.628	537.100	532.628	533.441	532.221
4.0	532.221	536.694	532.221	533.034	531.814
4.5	531.814	536.287	531.408	532.628	531.408
5.0	531.001	535.474	531.001	532.221	530.595
5.5	530.595	535.067	530.188	531.408	530.188
6.0	529.782	534.254	529.782	530.595	529.375
6.5	528.968	533.441	528.968	529.375	528.155
7.0	528.155	532.628	528.155	528.155	526.935
7.5	527.342	531.814	527.342	526.935	525.716
8.0	526.529	531.001	526.122	525.309	524.496
8.5	525.309	529.782	525.309	524.089	522.870
9.0	524.089	528.968	524.089	522.463	521.243
9.5	523.276	527.749	522.870	520.837	519.210
10.0	522.056	526.529	521.243	518.804	517.177
10.5	520.837	525.309	520.023	517.177	515.144
11.0	519.617	524.089	517.991	515.144	512.705
11.5	517.991	522.463	516.364	513.112	510.672
12.0	516.771	521.243	514.738	511.079	508.232
12.5	515.144	519.617	512.705	508.639	505.793
13.0	513.518	517.991	510.672	506.606	503.353
13.5	511.892	516.364	508.639	504.167	501.321
14.0	510.265	514.738	506.606	501.727	498.474
14.5	508.232	512.705	504.167	499.288	495.628
15.0	506.200	510.672	501.727	496.441	493.189
15.5	504.573	509.046	499.288	493.595	490.343
16.0	502.540	506.606	496.848	491.156	487.497
16.5	500.507	504.573	494.409	488.310	484.651
17.0	498.474	502.134	491.562	485.057	481.398
17.5	496.441	500.101	488.716	482.211	478.552
18.0	494.002	497.661	485.870	478.958	475.299
18.5	491.969	495.222	483.024	476.112	472.046
19.0	489.530	492.782	480.178	472.860	468.794
19.5	487.090	489.936	477.332	469.607	465.541
20.0	484.651	487.497	474.079	466.354	462.288
20.5	482.211	484.651	470.827	462.695	458.629
21.0	479.365	481.804	467.980	459.036	454.970
21.5	476.925	478.958	464.728	455.376	451.310
22.0	474.079	476.112	461.475	451.717	447.245
22.5	471.640	473.266	458.222	448.058	443.179
23.0	468.794	470.420	454.563	443.992	439.519
23.5	465.948	467.167	451.310	440.333	435.047
24.0	462.695	464.321	448.058	436.267	430.981
24.5	459.849	461.069	444.398	432.201	426.915
25.0	456.596	457.816	440.739	428.542	422.849
25.5	453.750	454.157	437.487	424.476	418.784
26.0	450.091	450.904	433.421	420.003	414.718
26.5	446.838	447.245	429.761	415.937	410.652

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2D-2'00-L8-835-(L6)-F-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	443.179	443.992	426.102	412.278	406.545
27.5	439.926	440.333	422.036	408.212	402.357
28.0	436.267	436.673	418.377	403.781	398.332
28.5	432.607	433.014	414.311	399.755	394.226
29.0	428.948	428.948	410.245	395.689	390.201
29.5	424.476	425.289	406.098	391.502	385.850
30.0	420.817	421.223	401.951	387.517	381.581
30.5	417.157	417.157	397.641	383.167	377.312
31.0	413.091	413.091	393.291	378.979	373.083
31.5	409.026	409.026	388.940	374.547	368.530
32.0	405.082	404.838	384.590	370.075	364.138
32.5	401.056	400.365	380.158	365.521	359.829
33.0	397.031	396.055	375.726	360.967	355.194
33.5	392.925	391.624	371.254	356.332	350.802
34.0	388.778	387.151	366.619	351.697	346.005
34.5	384.590	382.638	362.187	346.980	341.370
35.0	380.524	378.206	357.592	342.183	336.613
35.5	376.255	373.775	352.957	337.548	331.652
36.0	371.904	369.139	348.444	332.669	326.651
36.5	367.879	364.626	343.768	327.790	321.406
37.0	363.447	360.113	338.971	322.911	316.202
37.5	359.056	355.600	334.254	317.991	311.038
38.0	354.787	351.006	329.457	313.071	305.875
38.5	350.355	346.533	324.740	307.989	301.565
39.0	345.842	342.020	320.105	303.313	297.336
39.5	341.329	337.548	315.429	299.369	292.417
40.0	336.735	333.116	310.713	294.897	287.619
40.5	332.221	328.643	306.159	290.099	282.984
41.0	327.790	324.252	302.581	285.464	278.511
41.5	323.236	319.821	298.271	280.992	274.161
42.0	318.763	315.307	294.246	276.600	269.973
42.5	314.210	310.876	289.814	272.413	265.907
43.0	309.819	306.363	285.545	268.306	261.963
43.5	305.590	302.866	281.317	264.281	258.060
44.0	301.890	298.841	277.170	260.337	254.238
44.5	298.353	294.572	273.063	256.434	250.376
45.0	293.921	290.384	268.997	252.612	246.554
45.5	289.611	285.993	264.972	248.790	242.772
46.0	285.301	281.642	260.988	245.009	238.951
46.5	281.032	277.332	257.044	241.187	235.210
47.0	276.722	273.104	253.100	237.406	231.429
47.5	272.453	268.875	249.115	233.543	227.647
48.0	268.265	264.647	245.131	229.721	223.907
48.5	264.118	260.459	241.105	225.940	220.166
49.0	259.971	256.271	237.080	222.159	216.466
49.5	255.824	252.165	233.014	218.418	212.807
50.0	251.677	248.017	229.030	214.677	209.148
50.5	247.530	243.870	225.045	210.977	205.529
51.0	243.382	239.764	221.101	207.318	201.911
51.5	239.154	235.657	217.198	203.618	198.292
52.0	235.007	231.469	213.336	199.959	194.673
52.5	230.819	227.404	209.595	196.300	191.095
53.0	226.712	223.338	205.854	192.681	187.477
53.5	222.606	219.312	202.195	189.062	183.858
54.0	218.499	215.328	198.495	185.444	180.280
54.5	214.393	211.384	194.836	181.825	176.702

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2D-2'00-L8-835-(L6)-F-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

55.0	210.327	207.440	191.217	178.247	173.165
55.5	206.342	203.537	187.599	174.710	169.668
56.0	202.399	199.593	183.980	171.254	166.212
56.5	198.495	195.690	180.362	167.798	162.878
57.0	194.673	191.827	176.702	164.383	159.585
57.5	190.851	188.046	173.084	161.008	156.332
58.0	187.111	184.305	169.465	157.633	153.120
58.5	183.370	180.565	165.887	154.299	149.908
59.0	179.630	176.865	162.390	151.006	146.737
59.5	175.930	173.165	158.853	147.794	143.606
60.0	172.311	169.465	155.357	144.623	140.516
60.5	168.652	165.806	151.941	141.451	137.385
61.0	165.033	162.187	148.567	138.321	134.336
61.5	161.374	158.650	145.192	135.190	131.327
62.0	157.755	155.113	141.858	132.140	128.400
62.5	154.137	151.616	138.565	129.132	125.432
63.0	150.559	148.079	135.312	126.123	122.504
63.5	146.981	144.541	132.100	123.114	119.618
64.0	143.403	141.004	128.888	120.187	116.731
64.5	139.825	137.467	125.716	117.219	113.844
65.0	136.247	133.970	122.545	114.291	110.957
65.5	132.710	130.514	119.414	111.323	108.111
66.0	129.172	127.058	116.284	108.396	105.428
66.5	125.635	123.643	113.153	105.468	102.582
67.0	122.179	120.146	110.022	102.541	99.776
67.5	118.682	116.690	106.891	99.654	96.930
68.0	115.186	113.234	103.801	96.767	94.165
68.5	111.730	109.819	100.671	93.921	91.401
69.0	108.274	106.444	97.581	91.116	88.676
69.5	104.777	103.070	94.491	88.310	85.952
70.0	101.403	99.695	91.482	85.546	83.309
70.5	98.028	96.361	88.473	82.822	80.667
71.0	94.653	92.986	85.505	80.097	78.065
71.5	91.360	89.734	82.537	77.455	75.503
72.0	88.067	86.481	79.610	74.812	72.982
72.5	84.814	83.309	76.763	72.210	70.502
73.0	81.561	80.138	73.958	69.648	68.022
73.5	78.308	77.007	71.153	67.087	65.582
74.0	75.096	73.877	68.388	64.566	63.183
74.5	71.925	70.787	65.704	62.126	60.825
75.0	68.794	67.778	63.021	59.687	58.508
75.5	65.704	64.769	60.378	57.288	56.231
76.0	62.614	61.882	57.735	54.889	53.954
76.5	59.606	58.955	55.174	52.531	51.718
77.0	56.597	56.109	52.612	50.254	49.522
77.5	53.669	53.263	50.173	47.977	47.327
78.0	50.783	50.498	47.733	45.782	45.172
78.5	47.936	47.774	45.334	43.586	43.057
79.0	45.172	45.090	43.017	41.472	40.984
79.5	42.407	42.529	40.699	39.358	38.951
80.0	39.764	40.008	38.382	37.243	36.918
80.5	37.162	37.528	36.186	35.210	34.926
81.0	34.641	35.088	34.031	33.177	32.974
81.5	32.161	32.730	31.836	31.185	31.023
82.0	29.762	30.372	29.762	29.234	29.152
82.5	27.404	28.095	27.648	27.323	27.241

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2D-2'00-L8-835-(L6)-F-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	25.168	25.859	25.615	25.452	25.412
83.5	22.931	23.704	23.623	23.582	23.582
84.0	20.817	21.630	21.671	21.752	21.834
84.5	18.744	19.597	19.801	20.004	20.085
85.0	16.711	17.605	17.971	18.256	18.378
85.5	14.800	15.694	16.182	16.548	16.751
86.0	12.929	13.824	14.434	14.881	15.084
86.5	11.140	12.076	12.726	13.255	13.539
87.0	9.392	10.327	11.059	11.669	11.994
87.5	7.684	8.660	9.473	10.124	10.449
88.0	6.017	7.034	7.888	8.579	8.986
88.5	4.391	5.408	6.302	7.115	7.562
89.0	2.724	3.741	4.676	5.408	5.855
89.5	1.098	2.033	2.643	2.968	3.253
90.0	0.244	0.935	1.423	1.830	1.992
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-2'00-L8-835-(L6)-F-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	191.77	N.A.	15.80
0-30	394.77	N.A.	32.60
0-40	618.87	N.A.	51.10
0-60	999.79	N.A.	82.60
0-80	1189.92	N.A.	98.30
0-90	1210.15	N.A.	100.00
10-90	1159.66	N.A.	95.80
20-40	427.10	N.A.	35.30
20-50	635.89	N.A.	52.50
40-70	503.42	N.A.	41.60
60-80	190.13	N.A.	15.70
70-80	67.63	N.A.	5.60
80-90	20.23	N.A.	1.70
90-110	0.04	N.A.	0.00
90-120	0.04	N.A.	0.00
90-130	0.04	N.A.	0.00
90-150	0.04	N.A.	0.00
90-180	0.04	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1210.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	50.48
10-20	141.29
20-30	203.00
30-40	224.10
40-50	208.79
50-60	172.13
60-70	122.49
70-80	67.63
80-90	20.23
90-100	0.04
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-2'00-L8-835-(L6)-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-2'00-L8-835-(L6)-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

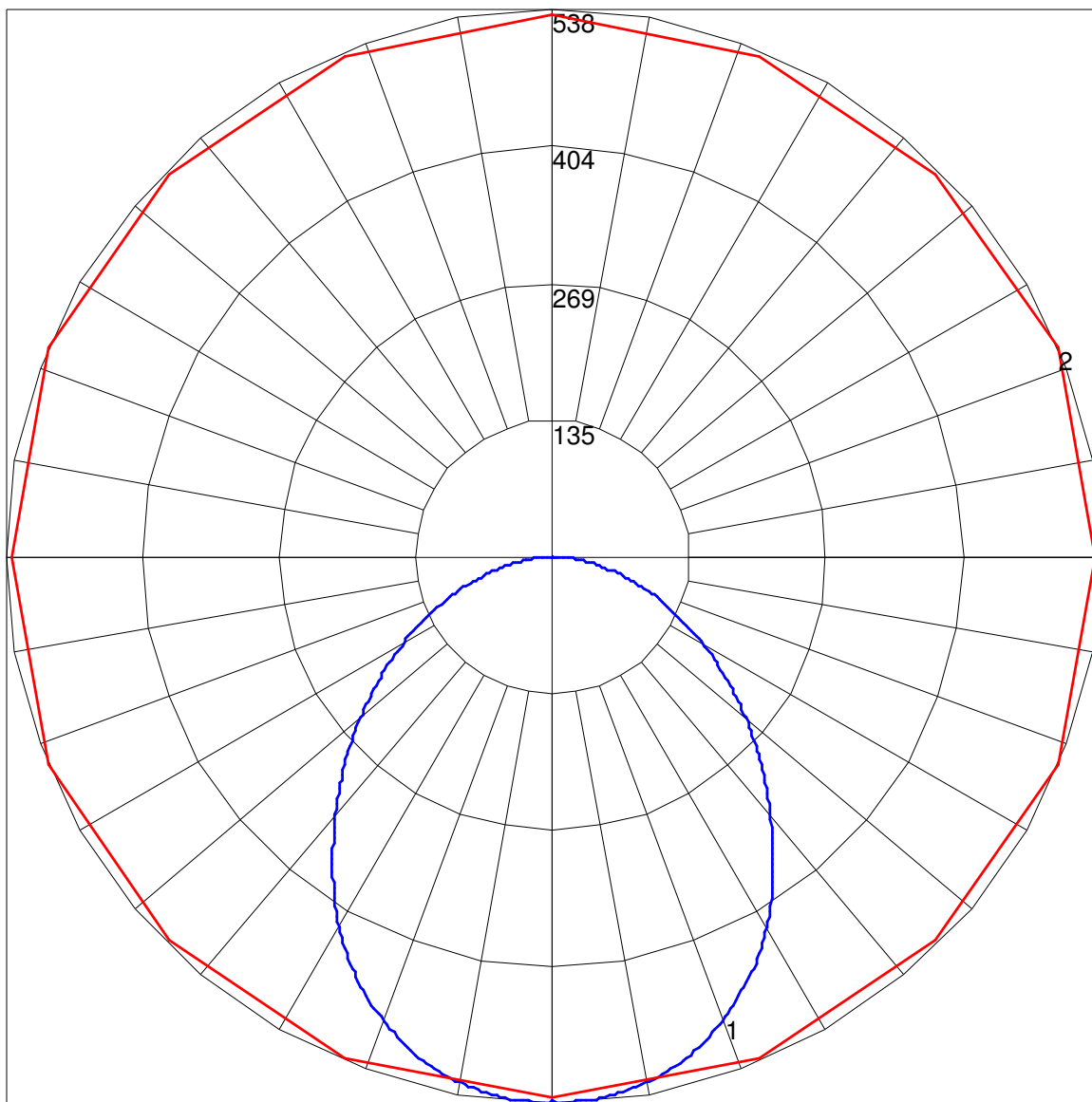
X=2H	Y=2H	20.5	22.1	20.9	22.4	22.7	19.4	20.9	19.7	21.2	21.6
	3H	22.2	23.6	22.6	23.9	24.3	21.0	22.4	21.4	22.7	23.1
	4H	22.8	24.1	23.2	24.4	24.8	21.6	22.9	22.0	23.3	23.6
	6H	23.2	24.4	23.6	24.8	25.1	22.1	23.3	22.5	23.7	24.0
	8H	23.3	24.5	23.7	24.8	25.2	22.2	23.4	22.7	23.8	24.2
	12H	23.4	24.5	23.8	24.9	25.3	22.4	23.5	22.8	23.9	24.3

UGR Viewed Endwise

4H	2H	21.0	22.3	21.4	22.6	23.0	20.1	21.4	20.5	21.7	22.1
	3H	22.8	24.0	23.3	24.4	24.8	21.9	23.0	22.3	23.4	23.8
	4H	23.6	24.6	24.0	25.0	25.4	22.6	23.6	23.0	24.0	24.4
	6H	24.1	25.0	24.6	25.4	25.9	23.2	24.1	23.6	24.5	25.0
	8H	24.3	25.1	24.8	25.5	26.0	23.4	24.2	23.9	24.7	25.1
	12H	24.4	25.1	24.9	25.6	26.1	23.6	24.3	24.1	24.8	25.3
8H	4H	23.8	24.6	24.3	25.0	25.5	22.9	23.7	23.4	24.2	24.6
	6H	24.4	25.1	24.9	25.6	26.1	23.6	24.3	24.1	24.8	25.3
	8H	24.7	25.3	25.2	25.8	26.3	23.9	24.5	24.5	25.1	25.5
	12H	24.9	25.4	25.4	25.9	26.5	24.2	24.7	24.7	25.2	25.8
12H	4H	23.8	24.5	24.3	25.0	25.5	23.0	23.7	23.4	24.2	24.6
	6H	24.5	25.1	25.0	25.6	26.1	23.7	24.3	24.2	24.8	25.3
	8H	24.8	25.3	25.3	25.8	26.4	24.1	24.6	24.6	25.1	25.7

Maximum UGR = 26.5

POLAR GRAPH



Maximum Candela = 538.32 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.)