

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2D-4-00-L8-835-F-(L5)-EM10W-DIM-UNV_EMER MODE ONLY.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM MX2D-4-00-L8-835-F-(L6)-DIM-UNV_.ies

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 09-09-25

[MANUFAC] H E Williams Inc

[LUMCAT] MX2D-4'00-L8-835-F-(L5)-EM/10W-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	1255
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	10
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)	4.00 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	6937	6349	5819
55	6120	5564	5038
65	5380	4839	4382
75	4436	4064	3773
85	3200	3441	3519

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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	554.681	554.681	554.681	554.681	554.681
0.5	553.838	558.053	553.416	553.416	552.573
1.0	553.416	558.053	553.416	553.416	552.573
1.5	553.416	557.631	553.416	553.416	552.573
2.0	553.416	557.631	552.995	553.416	552.573
2.5	552.995	557.210	552.995	553.416	552.573
3.0	552.573	557.210	552.573	553.416	552.152
3.5	552.152	556.788	552.152	552.995	551.730
4.0	551.730	556.367	551.730	552.573	551.309
4.5	551.309	555.945	550.887	552.152	550.887
5.0	550.466	555.102	550.466	551.730	550.044
5.5	550.044	554.681	549.623	550.887	549.623
6.0	549.201	553.838	549.201	550.044	548.780
6.5	548.359	552.995	548.359	548.780	547.516
7.0	547.516	552.152	547.516	547.516	546.251
7.5	546.673	551.309	546.673	546.251	544.987
8.0	545.830	550.466	545.408	544.565	543.722
8.5	544.565	549.201	544.565	543.301	542.036
9.0	543.301	548.359	543.301	541.615	540.350
9.5	542.458	547.094	542.036	539.929	538.243
10.0	541.193	545.830	540.350	537.821	536.135
10.5	539.929	544.565	539.086	536.135	534.028
11.0	538.664	543.301	536.978	534.028	531.499
11.5	536.978	541.615	535.292	531.920	529.391
12.0	535.714	540.350	533.606	529.813	526.863
12.5	534.028	538.664	531.499	527.284	524.334
13.0	532.342	536.978	529.391	525.177	521.805
13.5	530.656	535.292	527.284	522.648	519.697
14.0	528.970	533.606	525.177	520.119	516.747
14.5	526.863	531.499	522.648	517.590	513.796
15.0	524.755	529.391	520.119	514.639	511.267
15.5	523.069	527.705	517.590	511.689	508.317
16.0	520.962	525.177	515.061	509.160	505.367
16.5	518.854	523.069	512.532	506.210	502.416
17.0	516.747	520.540	509.581	502.838	499.044
17.5	514.639	518.433	506.631	499.887	496.094
18.0	512.110	515.904	503.681	496.515	492.722
18.5	510.003	513.375	500.730	493.565	489.350
19.0	507.474	510.846	497.780	490.193	485.978
19.5	504.945	507.895	494.829	486.821	482.606
20.0	502.416	505.367	491.457	483.449	479.234
20.5	499.887	502.416	488.085	479.656	475.441
21.0	496.937	499.466	485.135	475.862	471.647
21.5	494.408	496.515	481.763	472.069	467.854
22.0	491.457	493.565	478.391	468.275	463.639
22.5	488.928	490.614	475.019	464.482	459.424
23.0	485.978	487.664	471.226	460.267	455.631
23.5	483.028	484.292	467.854	456.474	450.994
24.0	479.656	481.342	464.482	452.259	446.779
24.5	476.705	477.970	460.689	448.044	442.565
25.0	473.333	474.598	456.895	444.250	438.350
25.5	470.383	470.804	453.523	440.036	434.135
26.0	466.589	467.432	449.308	435.399	429.920
26.5	463.218	463.639	445.515	431.184	425.705

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2D-4-00-L8-835-F-(L5)-EM10W-DIM-UNV_EMER MODE ONLY.IES****CANDELA TABULATION - (Cont.)**

27.0	459.424	460.267	441.722	427.391	421.448
27.5	456.052	456.474	437.507	423.176	417.107
28.0	452.259	452.680	433.713	418.582	412.934
28.5	448.465	448.887	429.498	414.409	408.677
29.0	444.672	444.672	425.283	410.194	404.504
29.5	440.036	440.879	420.984	405.853	399.994
30.0	436.242	436.664	416.685	401.722	395.568
30.5	432.449	432.449	412.217	397.212	391.143
31.0	428.234	428.234	407.707	392.871	386.759
31.5	424.019	424.019	403.197	388.277	382.039
32.0	419.931	419.678	398.687	383.640	377.486
32.5	415.758	415.041	394.093	378.920	373.019
33.0	411.585	410.573	389.499	374.199	368.214
33.5	407.328	405.979	384.863	369.394	363.662
34.0	403.029	401.343	380.058	364.589	358.688
34.5	398.687	396.664	375.463	359.700	353.883
35.0	394.473	392.070	370.700	354.726	348.952
35.5	390.047	387.476	365.895	349.921	343.809
36.0	385.537	382.671	361.217	344.863	338.625
36.5	381.364	377.992	356.370	339.805	333.188
37.0	376.770	373.314	351.396	334.747	327.793
37.5	372.218	368.635	346.507	329.647	322.440
38.0	367.792	363.872	341.533	324.547	317.087
38.5	363.198	359.236	336.644	319.279	312.619
39.0	358.519	354.557	331.839	314.432	308.236
39.5	353.841	349.921	326.992	310.343	303.136
40.0	349.078	345.327	322.103	305.707	298.162
40.5	344.399	340.690	317.382	300.733	293.357
41.0	339.805	336.138	313.673	295.928	288.721
41.5	335.085	331.544	309.205	291.292	284.211
42.0	330.448	326.866	305.032	286.740	279.869
42.5	325.727	322.271	300.438	282.398	275.654
43.0	321.175	317.593	296.012	278.141	271.566
43.5	316.792	313.968	291.629	273.969	267.520
44.0	312.956	309.795	287.330	269.880	263.558
44.5	309.289	305.370	283.073	265.834	259.554
45.0	304.695	301.028	278.858	261.872	255.592
45.5	300.227	296.476	274.685	257.910	251.672
46.0	295.760	291.966	270.554	253.990	247.710
46.5	291.334	287.498	266.466	250.028	243.832
47.0	286.866	283.115	262.378	246.108	239.912
47.5	282.440	278.731	258.247	242.104	235.992
48.0	278.099	274.348	254.116	238.142	232.115
48.5	273.800	270.007	249.944	234.222	228.237
49.0	269.501	265.665	245.771	230.302	224.401
49.5	265.202	261.408	241.556	226.424	220.608
50.0	260.902	257.109	237.425	222.547	216.814
50.5	256.603	252.810	233.295	218.711	213.063
51.0	252.304	248.553	229.206	214.918	209.312
51.5	247.920	244.296	225.160	211.082	205.561
52.0	243.621	239.954	221.156	207.289	201.809
52.5	239.280	235.739	217.278	203.495	198.100
53.0	235.023	231.524	213.400	199.744	194.349
53.5	230.766	227.352	209.607	195.993	190.598
54.0	226.509	223.221	205.771	192.242	186.889
54.5	222.252	219.133	201.978	188.490	183.180

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55.0	218.037	215.044	198.227	184.781	179.513
55.5	213.906	210.998	194.475	181.114	175.888
56.0	209.818	206.909	190.724	177.532	172.305
56.5	205.771	202.863	186.973	173.949	168.849
57.0	201.809	198.859	183.180	170.408	165.435
57.5	197.847	194.939	179.428	166.910	162.063
58.0	193.970	191.061	175.677	163.412	158.733
58.5	190.092	187.184	171.968	159.955	155.403
59.0	186.214	183.348	168.343	156.541	152.116
59.5	182.379	179.513	164.676	153.212	148.870
60.0	178.627	175.677	161.051	149.924	145.667
60.5	174.834	171.884	157.511	146.636	142.421
61.0	171.083	168.132	154.012	143.391	139.260
61.5	167.289	164.465	150.514	140.145	136.141
62.0	163.538	160.798	147.058	136.984	133.107
62.5	159.787	157.174	143.644	133.865	130.030
63.0	156.078	153.507	140.272	130.746	126.995
63.5	152.369	149.840	136.942	127.627	124.002
64.0	148.660	146.173	133.612	124.592	121.010
64.5	144.950	142.506	130.325	121.516	118.017
65.0	141.241	138.881	127.037	118.481	115.025
65.5	137.574	135.298	123.792	115.404	112.074
66.0	133.907	131.716	120.546	112.369	109.292
66.5	130.240	128.175	117.301	109.335	106.342
67.0	126.658	124.550	114.055	106.300	103.434
67.5	123.033	120.968	110.810	103.307	100.483
68.0	119.408	117.385	107.606	100.315	97.617
68.5	115.825	113.844	104.361	97.364	94.751
69.0	112.243	110.346	101.158	94.456	91.927
69.5	108.618	106.848	97.954	91.548	89.103
70.0	105.120	103.349	94.835	88.681	86.363
70.5	101.621	99.893	91.716	85.858	83.624
71.0	98.123	96.395	88.639	83.034	80.926
71.5	94.709	93.023	85.562	80.294	78.271
72.0	91.295	89.651	82.528	77.554	75.657
72.5	87.923	86.363	79.577	74.857	73.086
73.0	84.551	83.076	76.669	72.201	70.515
73.5	81.179	79.830	73.761	69.546	67.986
74.0	77.849	76.585	70.895	66.933	65.500
74.5	74.562	73.381	68.113	64.404	63.055
75.0	71.316	70.262	65.331	61.875	60.652
75.5	68.113	67.143	62.591	59.388	58.292
76.0	64.909	64.151	59.852	56.901	55.932
76.5	61.790	61.116	57.196	54.457	53.614
77.0	58.671	58.166	54.541	52.096	51.337
77.5	55.637	55.215	52.012	49.736	49.061
78.0	52.644	52.349	49.483	47.460	46.828
78.5	49.694	49.525	46.996	45.184	44.636
79.0	46.828	46.743	44.594	42.992	42.486
79.5	43.961	44.088	42.191	40.800	40.379
80.0	41.222	41.475	39.789	38.608	38.271
80.5	38.524	38.904	37.513	36.501	36.206
81.0	35.911	36.375	35.279	34.394	34.183
81.5	33.340	33.930	33.003	32.328	32.160
82.0	30.853	31.485	30.853	30.305	30.221
82.5	28.408	29.125	28.661	28.324	28.240

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2D-4-00-L8-835-F-(L5)-EM10W-DIM-UNV_EMER MODE ONLY.IES****CANDELA TABULATION - (Cont.)**

83.0	26.090	26.807	26.554	26.385	26.343
83.5	23.772	24.573	24.489	24.446	24.446
84.0	21.580	22.423	22.465	22.550	22.634
84.5	19.431	20.316	20.527	20.737	20.822
85.0	17.323	18.251	18.630	18.925	19.051
85.5	15.342	16.270	16.775	17.155	17.365
86.0	13.403	14.331	14.963	15.427	15.637
86.5	11.549	12.518	13.193	13.741	14.036
87.0	9.736	10.706	11.465	12.097	12.434
87.5	7.966	8.978	9.821	10.495	10.832
88.0	6.238	7.292	8.177	8.893	9.315
88.5	4.552	5.606	6.533	7.376	7.840
89.0	2.824	3.878	4.847	5.606	6.069
89.5	1.138	2.107	2.740	3.077	3.372
90.0	0.253	0.969	1.475	1.897	2.065
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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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

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MX2D-4-00-L8-835-F-(L5)-EM10W-DIM-UNV_EMER MODE ONLY.IES****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**PHOTOMETRIC FILENAME : MX2D-4-00-L8-835-F-(L5)-EM10W-DIM-UNV_EMER MODE ONLY.IES****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)-EM10W-DIM-UNV_EMER MODE ONLY.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	198.80	N.A.	15.80
0-30	409.24	N.A.	32.60
0-40	641.56	N.A.	51.10
0-60	1036.44	N.A.	82.60
0-80	1233.54	N.A.	98.30
0-90	1254.51	N.A.	100.00
10-90	1202.17	N.A.	95.80
20-40	442.75	N.A.	35.30
20-50	659.20	N.A.	52.50
40-70	521.87	N.A.	41.60
60-80	197.10	N.A.	15.70
70-80	70.11	N.A.	5.60
80-90	20.97	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	1254.54	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	52.33
10-20	146.47
20-30	210.44
30-40	232.31
40-50	216.45
50-60	178.44
60-70	126.98
70-80	70.11
80-90	20.97
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-4-00-L8-835-F-(L5)-EM10W-DIM-UNV_EMER MODE ONLY.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	80	98	90	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	84	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	70	59	51	45	57	50	44	55	49	44	54	48	43	42
7	67	54	46	40	66	53	45	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	42	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)-EM10W-DIM-UNV_EMER MODE ONLY.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	18.2	19.8	18.6	20.1	20.4	17.1	18.6	17.4	18.9	19.3
	3H	19.9	21.3	20.2	21.6	22.0	18.7	20.1	19.1	20.4	20.8
	4H	20.4	21.8	20.8	22.1	22.5	19.3	20.6	19.7	20.9	21.3
	6H	20.9	22.1	21.3	22.4	22.8	19.8	21.0	20.2	21.3	21.7
	8H	21.0	22.1	21.4	22.5	22.9	19.9	21.1	20.3	21.5	21.9
	12H	21.1	22.2	21.5	22.6	23.0	20.1	21.2	20.5	21.6	22.0

UGR Viewed Endwise

4H	2H	18.7	20.0	19.1	20.3	20.7	17.7	19.1	18.1	19.4	19.8
	3H	20.5	21.6	20.9	22.0	22.4	19.6	20.7	20.0	21.1	21.5
	4H	21.3	22.3	21.7	22.7	23.1	20.3	21.3	20.7	21.7	22.1
	6H	21.8	22.7	22.3	23.1	23.6	20.9	21.7	21.3	22.2	22.6
	8H	22.0	22.8	22.4	23.2	23.7	21.1	21.9	21.6	22.4	22.8
	12H	22.1	22.8	22.6	23.3	23.8	21.3	22.0	21.8	22.5	23.0

8H	4H	21.5	22.3	21.9	22.7	23.2	20.6	21.4	21.1	21.9	22.3
	6H	22.1	22.8	22.6	23.3	23.8	21.3	22.0	21.8	22.5	23.0
	8H	22.4	23.0	22.9	23.5	24.0	21.6	22.2	22.1	22.7	23.2
	12H	22.6	23.1	23.1	23.6	24.2	21.9	22.4	22.4	22.9	23.5

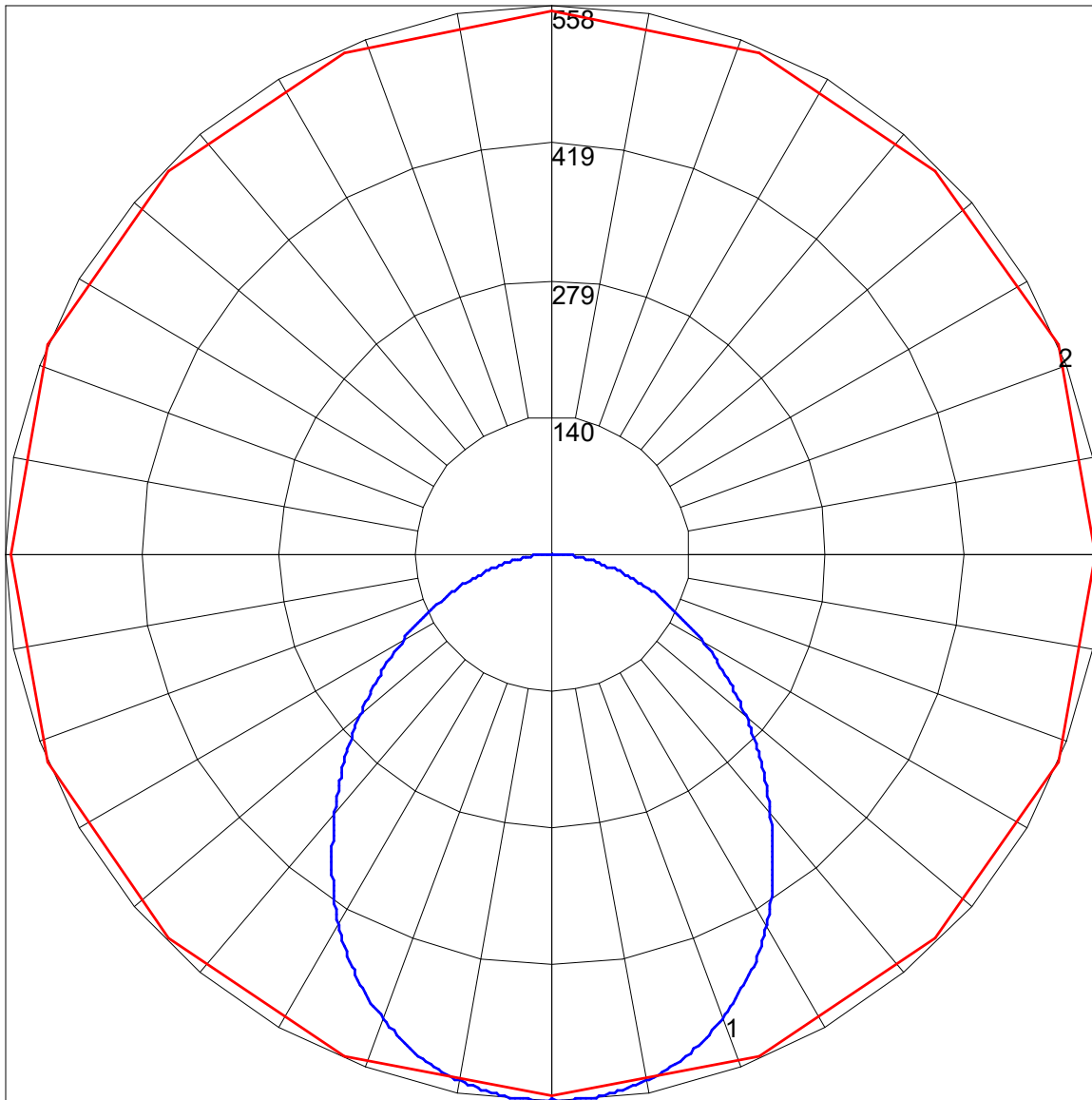
12H	4H	21.5	22.2	22.0	22.7	23.2	20.6	21.4	21.1	21.8	22.3
	6H	22.2	22.8	22.7	23.3	23.8	21.4	22.0	21.9	22.5	23.0
	8H	22.5	23.0	23.0	23.5	24.1	21.7	22.3	22.3	22.8	23.3

Maximum UGR = 24.2

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2D-4-00-L8-835-F-(L5)-EM10W-DIM-UNV_EMER MODE ONLY.IES

POLAR GRAPH



Maximum Candela = 558.053 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.)