



IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX2U-4-00-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] 9-19-2024
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.64836
[LUMINAIRE] 4' INDIRECT SUSPENDED LUMINAIRE
[OTHER] WITH FROSTED ACRYLIC LENS
[LUMCAT] MX2U-4-00-L4-835-FW-DIM-UNV
[LAMPCAT] HLM 80 CRI, 3500K CCT
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Indoor, Architectural, Commercial, Indirect, Linear
[SEARCH_MOUNTING] Suspended
[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	1535
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	38
Total Luminaire Watts	40.4
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)	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	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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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	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

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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

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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

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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	1.817	3.482	2.927	3.381	3.482
90.5	3.078	4.642	3.431	3.734	3.885
91.0	4.945	6.106	4.188	4.087	4.188
91.5	7.468	7.821	5.298	4.541	4.491
92.0	10.193	9.638	7.064	5.399	5.147
92.5	13.271	11.454	9.587	6.509	6.207
93.0	16.399	13.574	12.464	8.023	7.519
93.5	19.427	16.299	15.491	10.294	9.285
94.0	22.404	19.528	18.216	13.321	11.505
94.5	25.381	22.808	20.638	16.803	14.432
95.0	28.409	26.441	23.010	20.487	17.812
95.5	31.336	30.024	25.583	23.968	21.546
96.0	34.212	33.354	28.560	27.097	25.230
96.5	37.038	36.735	32.143	30.074	28.560
97.0	39.914	40.368	36.230	33.203	31.739
97.5	42.891	44.102	40.772	36.533	35.120
98.0	45.666	47.937	45.414	39.863	38.451
98.5	48.492	51.873	49.854	43.547	41.730
99.0	51.267	55.708	54.194	47.887	45.212
99.5	54.194	59.391	58.534	52.832	49.148
100.0	57.020	63.125	63.125	58.180	53.841
100.5	59.543	66.759	67.818	63.479	58.937
101.0	62.268	70.392	72.763	68.424	64.336
101.5	65.043	73.974	77.809	73.117	69.584
102.0	67.667	77.507	83.057	77.708	74.428
102.5	70.442	81.140	88.507	82.300	79.273
103.0	73.470	84.672	94.259	86.943	83.965
103.5	76.043	88.103	100.264	91.635	88.557
104.0	78.263	91.837	106.269	96.278	93.149
104.5	80.837	95.723	112.374	101.172	97.842
105.0	83.410	99.558	118.430	106.269	102.535
105.5	85.984	103.039	124.788	111.466	107.379
106.0	88.456	106.521	131.095	116.865	112.374
106.5	90.727	110.003	137.705	122.365	117.471
107.0	93.048	113.535	144.417	128.370	122.517
107.5	95.470	117.219	151.178	134.728	128.067
108.0	97.590	120.801	157.990	141.288	133.820
108.5	100.062	124.283	164.903	148.100	139.825
109.0	102.888	127.765	171.816	155.114	146.082
109.5	105.865	131.246	178.628	162.279	152.641
110.0	108.439	134.678	185.289	169.596	159.403
110.5	110.457	138.260	191.950	177.064	166.417

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CANDELA TABULATION - (Cont.)

111.0	112.425	141.843	198.711	184.532	173.734
111.5	114.342	145.325	205.170	192.253	181.202
112.0	116.209	148.807	211.680	200.124	188.872
112.5	118.278	152.339	217.987	208.047	196.744
113.0	120.448	155.871	224.446	216.171	204.666
113.5	122.618	159.353	230.703	224.497	212.891
114.0	124.788	162.784	236.809	232.722	221.166
114.5	126.957	166.316	242.763	240.846	229.593
115.0	129.026	169.798	248.667	249.071	238.070
115.5	131.095	173.280	254.571	257.396	246.800
116.0	133.214	176.711	260.323	265.470	255.529
116.5	135.132	180.142	266.126	273.493	264.309
117.0	137.150	183.573	271.778	281.314	273.039
117.5	139.169	186.954	277.328	289.085	281.617
118.0	141.086	190.436	282.778	296.705	290.145
118.5	143.004	193.817	288.177	304.072	298.521
119.0	144.921	197.147	293.526	311.136	306.645
119.5	146.839	200.427	298.673	317.948	314.517
120.0	148.706	203.757	303.870	324.458	322.137
120.5	150.573	207.088	308.967	330.765	329.554
121.0	152.389	210.368	314.063	336.820	336.820
121.5	154.206	213.648	319.059	342.623	343.633
122.0	155.972	216.827	323.953	348.174	350.344
122.5	157.738	220.107	328.696	353.523	356.752
123.0	159.504	223.336	333.339	358.821	363.110
123.5	161.220	226.666	337.880	364.069	369.216
124.0	162.935	229.896	342.270	369.014	375.069
124.5	164.701	233.176	346.458	373.858	380.721
125.0	166.316	236.506	350.495	378.551	386.271
125.5	168.032	239.786	354.582	383.143	391.620
126.0	169.647	243.066	358.518	387.735	396.717
126.5	171.312	246.295	362.454	392.074	401.662
127.0	173.027	249.525	366.239	396.313	406.556
127.5	174.693	252.653	370.074	400.451	411.148
128.0	176.408	255.681	373.858	404.588	415.589
128.5	178.174	258.708	377.643	408.524	419.827
129.0	179.940	261.786	381.326	412.460	424.066
129.5	181.757	264.814	385.010	416.345	428.052
130.0	183.674	267.640	388.744	420.079	432.039
130.5	185.693	270.365	392.326	423.814	435.924
131.0	187.812	272.989	395.808	427.396	439.608
131.5	189.831	275.613	399.240	430.928	443.190
132.0	191.748	278.085	402.620	434.360	446.722
132.5	193.615	280.558	405.900	437.640	450.204
133.0	195.482	282.980	409.130	440.768	453.484
133.5	197.147	285.402	412.107	443.846	456.663
134.0	198.812	287.672	415.235	446.874	459.691
134.5	200.478	289.943	418.162	449.649	462.718
135.0	202.193	292.315	420.937	452.424	465.544
135.5	203.707	294.686	423.662	455.099	468.218
136.0	205.271	297.008	426.236	457.773	470.893
136.5	206.886	299.329	428.759	460.397	473.466
137.0	208.450	301.650	431.029	462.920	475.888
137.5	210.166	303.971	433.350	465.393	478.209
138.0	211.982	306.242	435.571	467.764	480.581
138.5	213.799	308.361	437.640	470.186	482.902

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CANDELA TABULATION - (Cont.)

139.0	215.716	310.632	439.608	472.507	485.173
139.5	217.483	312.902	441.525	474.728	487.191
140.0	219.400	315.173	443.392	476.897	489.311
140.5	221.368	317.343	445.259	478.966	491.279
141.0	223.285	319.462	447.025	481.086	493.297
141.5	225.304	321.531	448.741	483.104	495.265
142.0	227.171	323.499	450.305	485.072	497.132
142.5	229.139	325.417	451.869	487.040	498.999
143.0	231.107	327.334	453.383	488.957	500.815
143.5	233.176	329.151	454.897	490.824	502.683
144.0	235.245	330.967	456.310	492.641	504.550
144.5	237.212	332.683	457.571	494.458	506.114
145.0	239.180	334.348	458.883	496.325	508.132
145.5	241.300	336.013	460.145	498.141	509.646
146.0	243.520	337.678	461.406	499.907	511.664
146.5	245.639	339.243	462.567	501.623	513.178
147.0	247.658	340.605	463.626	503.389	514.692
147.5	249.676	342.018	464.585	505.105	516.710
148.0	251.846	343.481	465.493	506.618	518.224
148.5	254.117	344.743	466.250	508.132	519.738
149.0	256.337	346.105	466.957	509.646	521.252
149.5	258.607	347.417	467.361	511.160	523.270
150.0	260.929	348.628	467.663	512.169	524.784
150.5	263.401	349.839	467.916	513.178	525.793
151.0	265.773	350.949	468.117	514.187	527.307
151.5	268.245	352.110	468.319	515.197	528.316
152.0	270.718	353.270	468.319	515.701	529.325
152.5	273.291	354.229	468.319	516.206	530.335
153.0	275.966	355.289	468.067	516.206	530.839
153.5	278.590	356.248	467.663	516.710	531.344
154.0	281.062	357.257	467.209	516.206	531.344
154.5	283.737	358.266	466.553	516.206	531.344
155.0	286.461	359.326	465.948	515.701	530.839
155.5	289.237	360.335	465.191	515.197	530.335
156.0	292.113	361.243	464.383	514.692	529.830
156.5	294.787	362.101	463.475	514.187	528.821
157.0	297.714	363.161	462.516	513.178	527.812
157.5	300.691	364.018	461.457	512.169	526.802
158.0	303.668	364.876	460.296	510.655	525.793
158.5	306.494	365.684	458.934	509.141	524.279
159.0	309.168	366.441	457.571	507.628	522.766
159.5	311.944	367.248	456.007	505.609	520.747
160.0	314.669	367.954	454.443	503.843	519.233
160.5	317.343	368.661	452.727	501.724	517.215
161.0	320.068	369.317	450.961	499.352	515.197
161.5	322.742	369.922	449.144	496.930	513.178
162.0	325.417	370.629	447.126	494.306	510.655
162.5	328.192	371.184	445.108	491.531	508.132
163.0	330.866	371.840	443.039	488.554	505.105
163.5	333.541	372.395	440.819	485.526	501.875
164.0	336.165	372.950	438.548	482.347	498.545
164.5	338.637	373.555	436.227	479.017	495.013
165.0	340.958	374.110	433.906	475.535	491.329
165.5	343.431	374.615	431.534	471.952	487.393
166.0	345.853	375.120	429.112	468.218	483.356
166.5	348.124	375.574	426.690	464.434	479.168

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CANDELA TABULATION - (Cont.)

167.0	350.394	376.078	424.268	460.548	474.829
167.5	352.614	376.583	421.846	456.562	470.388
168.0	354.835	377.037	419.424	452.525	465.796
168.5	357.055	377.441	417.001	448.388	461.204
169.0	359.174	377.794	414.630	444.199	456.461
169.5	361.243	378.198	412.359	440.062	451.617
170.0	363.211	378.601	410.038	435.873	446.823
170.5	365.129	379.005	407.818	431.685	442.080
171.0	366.844	379.459	405.648	427.598	437.337
171.5	368.459	379.762	403.478	423.561	432.795
172.0	370.074	380.166	401.460	419.625	428.153
172.5	371.638	380.468	399.492	415.841	423.612
173.0	373.051	380.771	397.625	412.107	419.272
173.5	374.363	381.023	395.859	408.575	415.033
174.0	375.574	381.276	394.194	405.345	410.997
174.5	376.734	381.528	392.680	402.116	407.263
175.0	377.794	381.780	391.216	399.240	403.630
175.5	378.753	382.033	389.904	396.515	400.198
176.0	379.611	382.184	388.643	394.042	397.120
176.5	380.418	382.386	387.583	391.822	394.345
177.0	381.074	382.537	386.625	389.854	391.923
177.5	381.679	382.638	385.817	388.138	389.803
178.0	382.134	382.739	385.161	386.776	388.088
178.5	382.537	382.790	384.657	385.615	386.725
179.0	382.840	382.840	384.303	384.808	385.716
179.5	382.991	382.890	384.102	384.354	385.161
180.0	383.799	383.799	383.799	383.799	383.799

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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	0.09	N.A.	0.00
10-90	0.09	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	0.09	N.A.	0.00
90-110	139.15	N.A.	9.10
90-120	349.18	N.A.	22.70
90-130	625.81	N.A.	40.80
90-150	1175.18	N.A.	76.50
90-180	1535.34	N.A.	100.00
110-180	1396.19	N.A.	90.90
0-180	1535.42	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	0.09
90-100	27.89
100-110	111.25
110-120	210.03
120-130	276.63
130-140	288.95
140-150	260.42
150-160	201.74
160-170	120.57
170-180	37.84

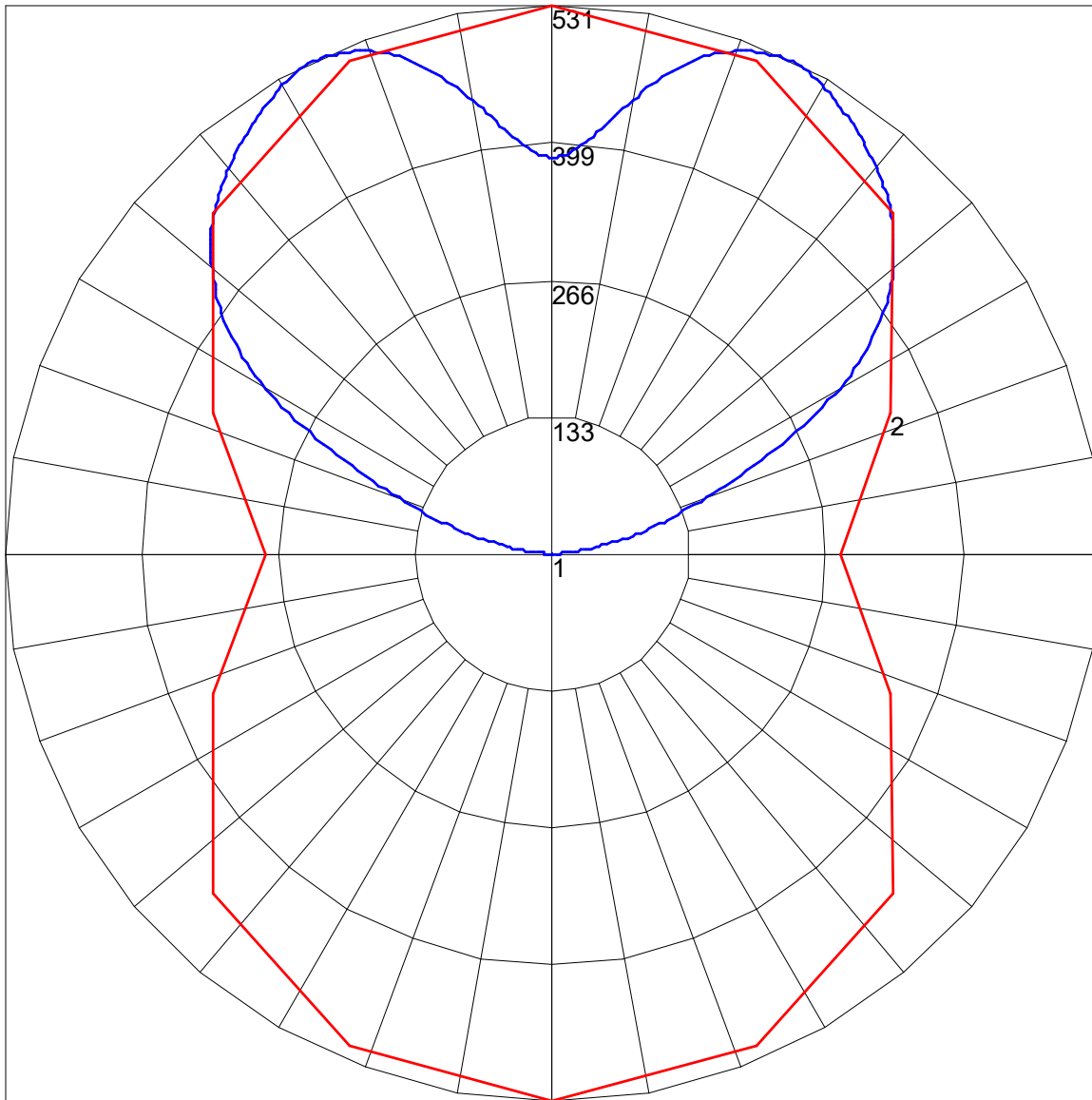
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
0	48	48	48	48	41	41	41	41	28	28	28	16	16	16	5	5	5	0
1	44	42	40	38	37	36	34	33	24	24	23	14	14	13	4	4	4	0
2	40	36	34	31	34	31	29	27	21	20	19	12	12	11	4	4	4	0
3	36	32	28	26	31	27	25	22	19	17	16	11	10	9	3	3	3	0
4	33	28	24	22	28	24	21	19	17	15	13	10	9	8	3	3	3	0
5	30	25	21	18	26	21	18	16	15	13	11	9	7	7	3	2	2	0
6	28	22	18	16	24	19	16	14	13	11	10	8	7	6	2	2	2	0
7	25	20	16	14	22	17	14	12	12	10	8	7	6	5	2	2	2	0
8	23	18	14	12	20	15	12	10	11	9	7	6	5	4	2	2	1	0
9	22	16	13	10	19	14	11	9	10	8	6	6	5	4	2	1	1	0
10	20	15	11	9	17	13	10	8	9	7	6	5	4	3	2	1	1	0

POLAR GRAPH



Maximum Candela = 531.344 Located At Horizontal Angle = 90, Vertical Angle = 153.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (153.5) (Through Max. Cd.)