



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L4-840-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 2023-07-25
 [TESTDATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-2-L4-840-DMA-DIM-UNV
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS
 [LAMP] LED
 [BALLAST] 0-10V DIMMING DRIVER
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE
 [_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	834
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	7.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
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	9744	8405	7667
55	8686	7386	6762
65	7657	6511	5994
75	6316	5543	5166
85	4764	4445	4283

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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	369.638	369.638	369.638	369.638	369.638
0.5	376.155	369.941	367.819	368.729	366.910
1.0	376.155	369.790	367.819	368.729	366.758
1.5	376.003	369.790	367.668	368.577	366.607
2.0	375.852	369.486	367.365	368.426	366.152
2.5	375.700	369.183	367.213	367.971	365.849
3.0	375.397	368.880	366.758	367.668	365.243
3.5	375.094	368.577	366.304	367.062	364.637
4.0	374.791	368.274	365.849	366.607	364.182
4.5	374.488	367.819	365.395	366.001	363.424
5.0	374.185	367.365	364.637	365.243	362.667
5.5	373.578	366.758	364.031	364.334	361.606
6.0	373.124	366.152	363.273	363.576	360.696
6.5	372.669	365.698	362.515	362.515	359.635
7.0	372.063	364.940	361.757	361.454	358.575
7.5	371.457	364.334	360.848	360.393	357.362
8.0	370.850	363.424	359.939	359.181	356.301
8.5	370.093	362.667	358.878	357.968	354.937
9.0	369.335	361.909	357.817	356.604	353.573
9.5	368.577	360.999	356.604	355.089	352.058
10.0	367.819	360.090	355.392	353.725	350.694
10.5	366.910	359.181	354.180	352.209	348.875
11.0	366.001	358.120	352.816	350.694	347.208
11.5	364.940	357.059	351.452	349.027	345.541
12.0	363.879	355.847	349.936	347.360	343.722
12.5	362.970	354.634	348.421	345.541	341.752
13.0	361.757	353.422	346.905	343.722	339.934
13.5	360.545	352.058	345.238	341.752	337.963
14.0	359.484	350.694	343.722	339.934	335.993
14.5	358.120	349.330	341.904	337.963	333.871
15.0	356.908	347.966	340.237	335.842	331.901
15.5	355.544	346.450	338.267	333.720	329.628
16.0	354.483	345.086	336.448	331.598	327.355
16.5	353.422	343.571	334.478	329.325	325.081
17.0	352.058	342.055	332.507	327.052	322.808
17.5	350.088	340.540	330.537	324.778	320.383
18.0	348.269	339.176	328.567	322.353	317.807
18.5	346.450	337.357	326.445	319.929	315.230
19.0	344.935	335.387	324.324	317.352	312.654
19.5	343.268	333.417	322.202	314.776	309.926
20.0	341.601	331.447	319.929	312.351	307.047
20.5	339.782	329.476	317.807	309.775	304.319
21.0	337.963	327.658	315.534	307.047	301.439
21.5	336.145	325.688	313.260	304.470	298.711
22.0	334.175	323.566	310.835	301.742	295.832
22.5	332.356	321.596	308.562	298.863	293.104
23.0	330.234	319.474	306.440	296.135	290.376
23.5	328.264	317.201	304.016	293.407	287.496
24.0	326.142	315.079	301.288	290.679	284.768
24.5	324.021	312.806	298.711	287.951	281.889
25.0	321.899	310.684	295.983	285.071	279.009
25.5	319.777	308.259	293.407	282.343	276.130
26.0	317.504	305.986	290.679	279.464	273.402
26.5	315.382	303.561	288.102	276.736	270.674

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CANDELA TABULATION - (Cont.)

27.0	312.957	301.288	285.374	274.008	267.794
27.5	310.684	298.711	282.798	271.280	264.763
28.0	308.411	296.286	280.070	268.552	262.035
28.5	306.137	293.861	277.342	265.673	259.307
29.0	303.712	291.285	274.766	262.793	256.579
29.5	301.136	288.709	272.038	259.914	253.851
30.0	298.711	286.132	269.310	257.186	250.972
30.5	296.135	283.707	266.733	254.458	248.092
31.0	293.558	281.131	264.005	251.578	245.213
31.5	290.830	278.403	261.126	248.699	242.485
32.0	288.254	275.827	258.398	245.819	239.605
32.5	285.526	273.099	255.670	242.940	236.726
33.0	282.950	270.371	252.791	240.060	233.846
33.5	280.222	267.643	250.063	237.332	230.967
34.0	277.494	264.915	247.335	234.453	228.087
34.5	274.917	262.035	244.304	231.573	225.208
35.0	272.189	259.307	241.576	228.542	222.328
35.5	269.461	256.428	238.696	225.663	219.600
36.0	266.582	253.700	235.968	222.935	216.721
36.5	263.854	250.820	233.089	220.055	213.993
37.0	261.126	247.941	230.209	217.024	211.113
37.5	258.246	245.061	227.330	214.296	208.537
38.0	255.519	242.182	224.450	211.417	205.658
38.5	252.639	239.302	221.722	208.689	202.930
39.0	249.759	236.423	218.691	205.809	200.202
39.5	246.880	233.543	215.812	203.081	197.474
40.0	243.849	230.664	212.932	200.202	194.746
40.5	240.818	227.784	210.053	197.625	192.169
41.0	237.938	224.905	207.173	194.897	189.290
41.5	234.907	221.874	204.294	192.169	186.562
42.0	231.876	218.994	201.566	189.290	183.985
42.5	228.997	215.963	198.686	186.562	181.258
43.0	225.966	213.084	195.958	183.985	178.681
43.5	222.935	210.053	192.927	181.409	176.105
44.0	219.904	207.173	190.199	178.681	173.528
44.5	216.872	204.294	187.320	175.953	170.952
45.0	213.993	201.263	184.592	173.377	168.375
45.5	210.962	198.383	181.864	170.800	165.799
46.0	207.931	195.503	179.136	168.224	163.374
46.5	205.051	192.472	176.256	165.648	160.798
47.0	202.020	189.593	173.528	163.071	158.373
47.5	199.141	186.713	170.952	160.343	155.948
48.0	196.110	183.834	168.224	157.918	153.372
48.5	193.079	180.954	165.648	155.342	151.038
49.0	190.199	177.923	162.768	152.917	148.598
49.5	187.168	175.044	160.192	150.326	146.158
50.0	184.289	172.316	157.464	147.795	143.718
50.5	181.258	169.436	154.887	145.400	141.399
51.0	178.378	166.557	152.159	143.051	139.095
51.5	175.347	163.677	149.598	140.656	136.580
52.0	172.467	160.949	146.931	138.186	134.215
52.5	169.436	158.070	144.294	135.716	131.942
53.0	166.557	155.342	141.687	133.276	129.517
53.5	163.526	152.614	139.202	130.987	127.320
54.0	160.646	149.750	136.686	128.729	125.001
54.5	157.767	146.946	134.124	126.410	122.728

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CANDELA TABULATION - (Cont.)

55.0	154.736	144.203	131.578	124.016	120.454
55.5	151.856	141.490	129.108	121.591	118.136
56.0	148.962	138.792	126.698	119.257	115.938
56.5	146.127	136.125	124.243	117.060	113.756
57.0	143.278	133.427	121.818	114.892	111.664
57.5	140.490	130.790	119.469	112.604	109.497
58.0	137.716	128.199	117.075	110.270	107.269
58.5	135.034	125.607	114.635	107.982	105.102
59.0	132.291	123.091	112.210	105.769	103.071
59.5	129.593	120.576	109.846	103.602	100.980
60.0	126.880	118.090	107.572	101.495	98.828
60.5	124.243	115.605	105.329	99.373	96.721
61.0	121.621	113.104	103.056	97.206	94.690
61.5	118.984	110.603	100.692	95.024	92.599
62.0	116.347	108.179	98.388	92.872	90.508
62.5	113.725	105.784	96.206	90.795	88.477
63.0	111.088	103.344	94.114	88.765	86.491
63.5	108.436	100.919	92.023	86.855	84.506
64.0	105.799	98.479	89.871	84.946	82.521
64.5	103.162	96.054	87.643	82.884	80.581
65.0	100.510	93.660	85.461	80.732	78.671
65.5	97.873	91.250	83.400	78.792	76.792
66.0	95.251	88.840	81.384	77.050	74.988
66.5	92.614	86.446	79.338	75.261	73.155
67.0	89.992	84.082	77.201	73.321	71.275
67.5	87.386	81.733	75.049	71.230	69.366
68.0	84.779	79.353	72.897	69.078	67.411
68.5	82.202	76.989	70.760	67.077	65.471
69.0	79.656	74.625	68.729	65.213	63.592
69.5	77.110	72.321	66.729	63.364	61.697
70.0	74.579	70.018	64.607	61.334	59.697
70.5	72.094	67.699	62.440	59.151	57.711
71.0	69.593	65.380	60.303	57.060	55.756
71.5	67.138	63.092	58.212	55.180	53.862
72.0	64.698	60.879	56.211	53.438	52.028
72.5	62.288	58.697	54.286	51.634	50.270
73.0	59.924	56.529	52.331	49.709	48.482
73.5	57.575	54.347	50.316	47.785	46.633
74.0	55.271	52.195	48.300	45.936	44.875
74.5	52.998	50.088	46.390	44.193	43.223
75.0	50.770	48.042	44.557	42.480	41.526
75.5	48.573	46.012	42.753	40.753	39.783
76.0	46.406	43.996	40.904	39.040	38.131
76.5	44.269	41.965	39.070	37.282	36.509
77.0	42.147	39.980	37.221	35.554	34.827
77.5	40.071	38.025	35.463	33.857	33.114
78.0	37.994	36.085	33.751	32.205	31.493
78.5	35.948	34.175	32.038	30.568	29.947
79.0	33.963	32.311	30.326	28.962	28.416
79.5	31.993	30.477	28.644	27.386	26.901
80.0	30.068	28.674	27.007	25.809	25.370
80.5	28.159	26.901	25.385	24.248	23.809
81.0	26.310	25.158	23.748	22.718	22.278
81.5	24.506	23.460	22.172	21.233	20.823
82.0	22.733	21.824	20.672	19.808	19.429
82.5	21.005	20.217	19.187	18.429	18.080

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CANDELA TABULATION - (Cont.)

83.0	19.308	18.626	17.732	17.035	16.762
83.5	17.641	17.050	16.262	15.655	15.443
84.0	16.019	15.534	14.792	14.291	14.094
84.5	14.443	14.049	13.367	12.958	12.791
85.0	12.897	12.594	12.033	11.670	11.594
85.5	11.382	11.154	10.730	10.457	10.472
86.0	9.912	9.730	9.457	9.336	9.336
86.5	8.487	8.366	8.184	8.154	8.184
87.0	7.093	7.047	6.941	6.941	6.987
87.5	5.759	5.714	5.729	5.804	5.835
88.0	4.471	4.501	4.638	4.744	4.789
88.5	3.274	3.380	3.637	3.668	3.698
89.0	2.213	2.379	2.531	2.288	2.273
89.5	1.531	1.576	1.182	1.121	1.243
90.0	0.000	0.000	0.000	0.000	0.000
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 : LRX2-2-L4-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	130.88	N.A.	15.70
0-30	267.95	N.A.	32.10
0-40	420.55	N.A.	50.40
0-60	685.70	N.A.	82.20
0-80	820.51	N.A.	98.30
0-90	834.32	N.A.	100.00
10-90	799.64	N.A.	95.80
20-40	289.67	N.A.	34.70
20-50	434.48	N.A.	52.10
40-70	351.78	N.A.	42.20
60-80	134.81	N.A.	16.20
70-80	48.18	N.A.	5.80
80-90	13.81	N.A.	1.70
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	834.32	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	34.68
10-20	96.20
20-30	137.07
30-40	152.60
40-50	144.81
50-60	120.34
60-70	86.63
70-80	48.18
80-90	13.81
90-100	0.00
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 : LRX2-2-L4-840-DMA-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	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	62
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

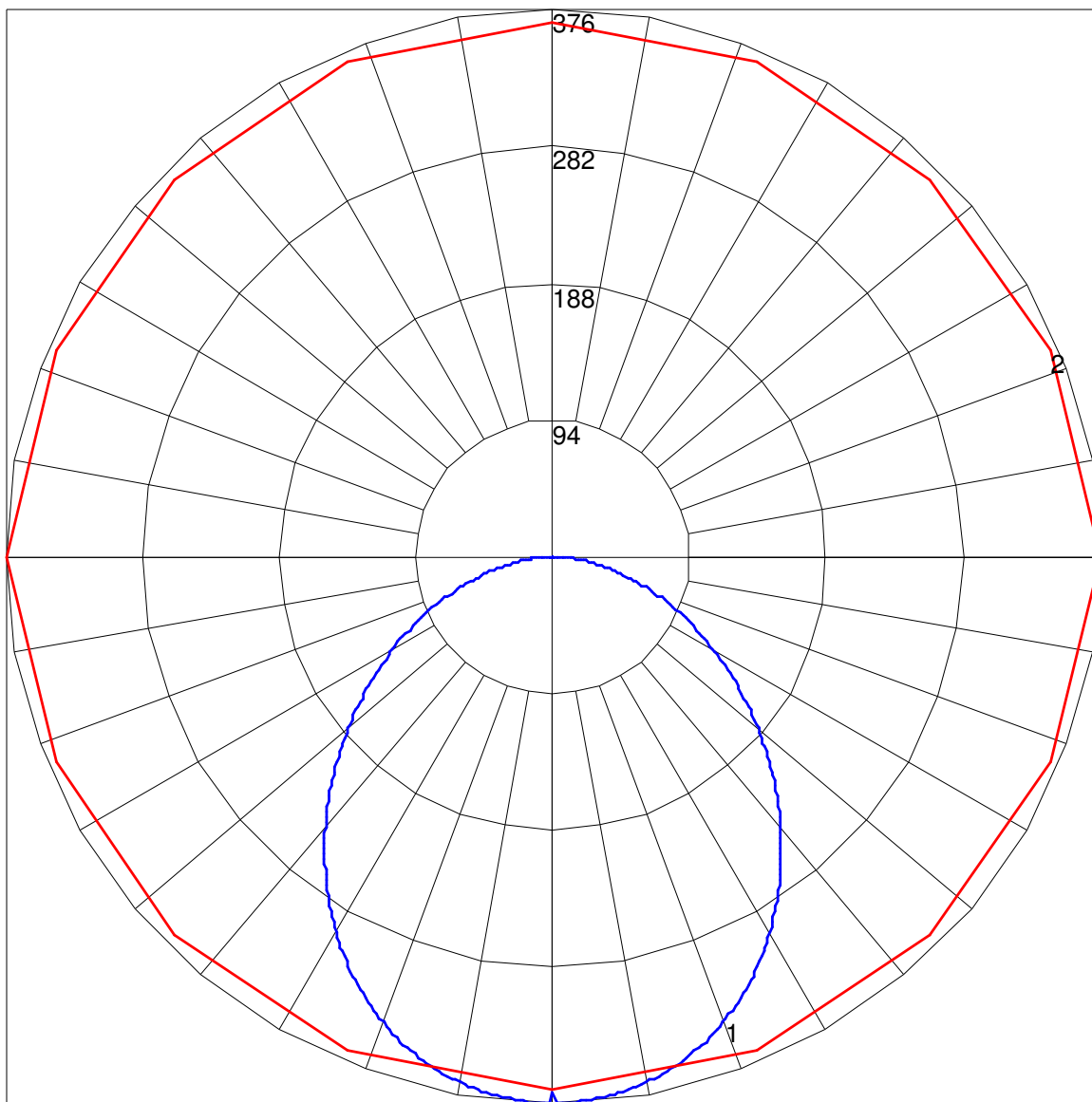
Reflectances

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	19.3	20.9	19.7	21.2	21.5	18.2	19.7	18.5	20.0	20.4
	3H	21.0	22.5	21.4	22.8	23.2	19.8	21.3	20.2	21.6	21.9
	4H	21.7	23.0	22.1	23.3	23.7	20.4	21.8	20.8	22.1	22.5
	6H	22.1	23.3	22.5	23.7	24.1	20.9	22.1	21.3	22.5	22.9
	8H	22.3	23.4	22.7	23.8	24.2	21.1	22.2	21.5	22.6	23.0
	12H	22.3	23.5	22.8	23.9	24.3	21.2	22.3	21.6	22.7	23.1
4H	2H	19.8	21.1	20.2	21.5	21.8	18.8	20.2	19.2	20.5	20.9
	3H	21.7	22.8	22.1	23.2	23.6	20.7	21.8	21.1	22.2	22.6
	4H	22.5	23.5	22.9	23.9	24.3	21.5	22.5	21.9	22.9	23.3
	6H	23.1	23.9	23.5	24.4	24.8	22.0	22.9	22.5	23.3	23.8
	8H	23.2	24.1	23.7	24.5	25.0	22.2	23.0	22.7	23.5	24.0
	12H	23.4	24.1	23.9	24.6	25.1	22.4	23.1	22.9	23.6	24.1
8H	4H	22.7	23.5	23.2	23.9	24.4	21.8	22.6	22.2	23.0	23.5
	6H	23.4	24.1	23.9	24.6	25.0	22.5	23.2	23.0	23.7	24.1
	8H	23.6	24.3	24.1	24.8	25.2	22.7	23.4	23.3	23.9	24.4
	12H	23.9	24.4	24.4	24.9	25.5	23.0	23.5	23.5	24.0	24.6
12H	4H	22.7	23.4	23.2	23.9	24.4	21.8	22.6	22.3	23.0	23.5
	6H	23.4	24.0	23.9	24.5	25.0	22.5	23.2	23.1	23.6	24.2
	8H	23.7	24.3	24.2	24.8	25.3	22.9	23.4	23.4	23.9	24.5

Maximum UGR = 25.5

POLAR GRAPH



Maximum Candela = 376.155 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)