



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L4-935-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-L4-935-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	672
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
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	7852	6773	6178
55	6999	5952	5449
65	6170	5247	4830
75	5089	4467	4163
85	3839	3582	3451

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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	297.864	297.864	297.864	297.864	297.864
0.5	303.115	298.108	296.398	297.131	295.665
1.0	303.115	297.986	296.398	297.131	295.543
1.5	302.993	297.986	296.276	297.009	295.421
2.0	302.871	297.741	296.032	296.887	295.055
2.5	302.749	297.497	295.910	296.520	294.810
3.0	302.504	297.253	295.543	296.276	294.322
3.5	302.260	297.009	295.177	295.787	293.833
4.0	302.016	296.764	294.810	295.421	293.467
4.5	301.772	296.398	294.444	294.933	292.856
5.0	301.527	296.032	293.833	294.322	292.246
5.5	301.039	295.543	293.345	293.589	291.391
6.0	300.672	295.055	292.734	292.979	290.658
6.5	300.306	294.688	292.124	292.124	289.803
7.0	299.818	294.078	291.513	291.269	288.948
7.5	299.329	293.589	290.780	290.414	287.971
8.0	298.841	292.856	290.048	289.437	287.117
8.5	298.230	292.246	289.193	288.460	286.017
9.0	297.619	291.635	288.338	287.361	284.918
9.5	297.009	290.902	287.361	286.140	283.697
10.0	296.398	290.170	286.384	285.040	282.598
10.5	295.665	289.437	285.407	283.819	281.132
11.0	294.933	288.582	284.308	282.598	279.789
11.5	294.078	287.727	283.209	281.255	278.446
12.0	293.223	286.750	281.987	279.911	276.980
12.5	292.490	285.773	280.766	278.446	275.393
13.0	291.513	284.796	279.545	276.980	273.927
13.5	290.536	283.697	278.201	275.393	272.339
14.0	289.681	282.598	276.980	273.927	270.752
14.5	288.582	281.499	275.515	272.339	269.042
15.0	287.605	280.400	274.171	270.630	267.454
15.5	286.506	279.178	272.584	268.920	265.623
16.0	285.651	278.079	271.118	267.210	263.791
16.5	284.796	276.858	269.531	265.378	261.959
17.0	283.697	275.637	267.943	263.546	260.127
17.5	282.109	274.416	266.355	261.715	258.173
18.0	280.644	273.316	264.768	259.761	256.097
18.5	279.178	271.851	263.058	257.807	254.021
19.0	277.957	270.263	261.348	255.730	251.944
19.5	276.614	268.676	259.638	253.654	249.746
20.0	275.270	267.088	257.807	251.700	247.426
20.5	273.805	265.500	256.097	249.624	245.228
21.0	272.339	264.035	254.265	247.426	242.907
21.5	270.874	262.447	252.433	245.350	240.709
22.0	269.286	260.738	250.479	243.151	238.389
22.5	267.821	259.150	248.647	240.831	236.190
23.0	266.111	257.440	246.937	238.633	233.992
23.5	264.523	255.608	244.983	236.435	231.672
24.0	262.814	253.898	242.785	234.236	229.473
24.5	261.104	252.067	240.709	232.038	227.153
25.0	259.394	250.357	238.511	229.718	224.833
25.5	257.684	248.403	236.435	227.519	222.512
26.0	255.852	246.571	234.236	225.199	220.314
26.5	254.143	244.617	232.160	223.001	218.116

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CANDELA TABULATION - (Cont.)

27.0	252.189	242.785	229.962	220.803	215.795
27.5	250.357	240.709	227.886	218.604	213.353
28.0	248.525	238.755	225.688	216.406	211.155
28.5	246.693	236.801	223.489	214.086	208.956
29.0	244.739	234.725	221.413	211.765	206.758
29.5	242.663	232.649	219.215	209.445	204.560
30.0	240.709	230.573	217.017	207.247	202.239
30.5	238.633	228.619	214.941	205.048	199.919
31.0	236.557	226.542	212.742	202.728	197.599
31.5	234.358	224.344	210.422	200.408	195.400
32.0	232.282	222.268	208.224	198.087	193.080
32.5	230.084	220.070	206.025	195.767	190.760
33.0	228.008	217.872	203.705	193.446	188.439
33.5	225.810	215.673	201.507	191.248	186.119
34.0	223.611	213.475	199.308	188.928	183.799
34.5	221.535	211.155	196.866	186.607	181.478
35.0	219.337	208.956	194.668	184.165	179.158
35.5	217.139	206.636	192.347	181.845	176.960
36.0	214.818	204.438	190.149	179.646	174.639
36.5	212.620	202.117	187.829	177.326	172.441
37.0	210.422	199.797	185.508	174.883	170.121
37.5	208.102	197.477	183.188	172.685	168.044
38.0	205.903	195.156	180.868	170.365	165.724
38.5	203.583	192.836	178.669	168.167	163.526
39.0	201.262	190.515	176.227	165.846	161.328
39.5	198.942	188.195	173.906	163.648	159.129
40.0	196.500	185.875	171.586	161.328	156.931
40.5	194.057	183.554	169.266	159.251	154.855
41.0	191.737	181.234	166.945	157.053	152.534
41.5	189.294	178.791	164.625	154.855	150.336
42.0	186.852	176.471	162.427	152.534	148.260
42.5	184.531	174.029	160.106	150.336	146.062
43.0	182.089	171.708	157.908	148.260	143.986
43.5	179.646	169.266	155.466	146.184	141.910
44.0	177.204	166.945	153.267	143.986	139.833
44.5	174.761	164.625	150.947	141.787	137.757
45.0	172.441	162.182	148.749	139.711	135.681
45.5	169.998	159.862	146.550	137.635	133.605
46.0	167.556	157.542	144.352	135.559	131.651
46.5	165.236	155.099	142.032	133.483	129.575
47.0	162.793	152.779	139.833	131.407	127.621
47.5	160.473	150.458	137.757	129.209	125.667
48.0	158.030	148.138	135.559	127.255	123.591
48.5	155.588	145.818	133.483	125.178	121.710
49.0	153.267	143.375	131.163	123.224	119.744
49.5	150.825	141.055	129.086	121.136	117.778
50.0	148.504	138.856	126.888	119.097	115.811
50.5	146.062	136.536	124.812	117.167	113.943
51.0	143.741	134.216	122.614	115.274	112.087
51.5	141.299	131.895	120.550	113.344	110.059
52.0	138.979	129.697	118.400	111.354	108.154
52.5	136.536	127.377	116.275	109.363	106.322
53.0	134.216	125.178	114.175	107.397	104.368
53.5	131.773	122.980	112.172	105.553	102.597
54.0	129.453	120.672	110.145	103.733	100.729
54.5	127.132	118.413	108.081	101.865	98.897

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CANDELA TABULATION - (Cont.)

55.0	124.690	116.202	106.029	99.935	97.065
55.5	122.370	114.016	104.039	97.981	95.197
56.0	120.037	111.842	102.097	96.100	93.426
56.5	117.753	109.693	100.118	94.330	91.667
57.0	115.457	107.519	98.164	92.583	89.982
57.5	113.210	105.394	96.271	90.739	88.236
58.0	110.975	103.306	94.342	88.858	86.440
58.5	108.814	101.217	92.376	87.014	84.694
59.0	106.603	99.190	90.422	85.231	83.057
59.5	104.429	97.163	88.516	83.485	81.372
60.0	102.243	95.160	86.685	81.787	79.638
60.5	100.118	93.157	84.877	80.078	77.940
61.0	98.006	91.142	83.045	78.331	76.304
61.5	95.881	89.127	81.140	76.573	74.619
62.0	93.756	87.173	79.284	74.838	72.933
62.5	91.643	85.243	77.525	73.165	71.297
63.0	89.518	83.277	75.840	71.529	69.697
63.5	87.381	81.323	74.154	69.990	68.097
64.0	85.256	79.357	72.420	68.451	66.497
64.5	83.131	77.403	70.625	66.790	64.934
65.0	80.993	75.473	68.866	65.056	63.395
65.5	78.869	73.532	67.206	63.493	61.881
66.0	76.756	71.590	65.581	62.089	60.428
66.5	74.631	69.660	63.933	60.647	58.950
67.0	72.518	67.755	62.211	59.084	57.436
67.5	70.417	65.862	60.476	57.399	55.897
68.0	68.317	63.945	58.742	55.665	54.321
68.5	66.241	62.040	57.020	54.053	52.758
69.0	64.189	60.134	55.384	52.551	51.244
69.5	62.137	58.278	53.772	51.061	49.717
70.0	60.098	56.422	52.062	49.424	48.105
70.5	58.095	54.553	50.316	47.666	46.505
71.0	56.080	52.685	48.594	45.980	44.930
71.5	54.102	50.841	46.908	44.466	43.403
72.0	52.135	49.058	45.296	43.061	41.926
72.5	50.193	47.299	43.745	41.608	40.509
73.0	48.288	45.553	42.170	40.057	39.068
73.5	46.395	43.794	40.546	38.506	37.578
74.0	44.539	42.060	38.921	37.016	36.161
74.5	42.707	40.362	37.383	35.612	34.830
75.0	40.912	38.714	35.905	34.232	33.462
75.5	39.141	37.077	34.452	32.839	32.058
76.0	37.395	35.453	32.962	31.459	30.727
76.5	35.673	33.816	31.484	30.043	29.420
77.0	33.963	32.217	29.994	28.651	28.064
77.5	32.290	30.641	28.577	27.283	26.684
78.0	30.617	29.078	27.197	25.952	25.378
78.5	28.968	27.539	25.817	24.633	24.132
79.0	27.368	26.037	24.437	23.338	22.898
79.5	25.781	24.559	23.082	22.068	21.677
80.0	24.230	23.106	21.763	20.798	20.444
80.5	22.691	21.677	20.456	19.540	19.186
81.0	21.201	20.273	19.137	18.307	17.952
81.5	19.748	18.905	17.867	17.110	16.780
82.0	18.319	17.586	16.658	15.962	15.656
82.5	16.927	16.292	15.461	14.850	14.570

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CANDELA TABULATION - (Cont.)

83.0	15.559	15.009	14.289	13.727	13.507
83.5	14.215	13.739	13.104	12.616	12.445
84.0	12.909	12.518	11.919	11.516	11.358
84.5	11.639	11.321	10.771	10.442	10.307
85.0	10.393	10.149	9.697	9.404	9.343
85.5	9.172	8.988	8.646	8.427	8.439
86.0	7.987	7.840	7.621	7.523	7.523
86.5	6.839	6.741	6.595	6.570	6.595
87.0	5.715	5.679	5.593	5.593	5.630
87.5	4.641	4.604	4.616	4.677	4.702
88.0	3.603	3.627	3.737	3.823	3.859
88.5	2.638	2.723	2.931	2.955	2.980
89.0	1.783	1.917	2.039	1.844	1.832
89.5	1.233	1.270	0.953	0.904	1.001
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
PHOTOMETRIC FILENAME : LRX2-2-L4-935-DMA-DIM-UNV_.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 : LRX2-2-L4-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	105.47	N.A.	15.70
0-30	215.92	N.A.	32.10
0-40	338.89	N.A.	50.40
0-60	552.55	N.A.	82.20
0-80	661.19	N.A.	98.30
0-90	672.32	N.A.	100.00
10-90	644.37	N.A.	95.80
20-40	233.42	N.A.	34.70
20-50	350.12	N.A.	52.10
40-70	283.47	N.A.	42.20
60-80	108.64	N.A.	16.20
70-80	38.83	N.A.	5.80
80-90	11.13	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	672.32	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	27.94
10-20	77.52
20-30	110.45
30-40	122.97
40-50	116.69
50-60	96.97
60-70	69.81
70-80	38.83
80-90	11.13
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-L4-935-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	95	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	66	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	45	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-L4-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

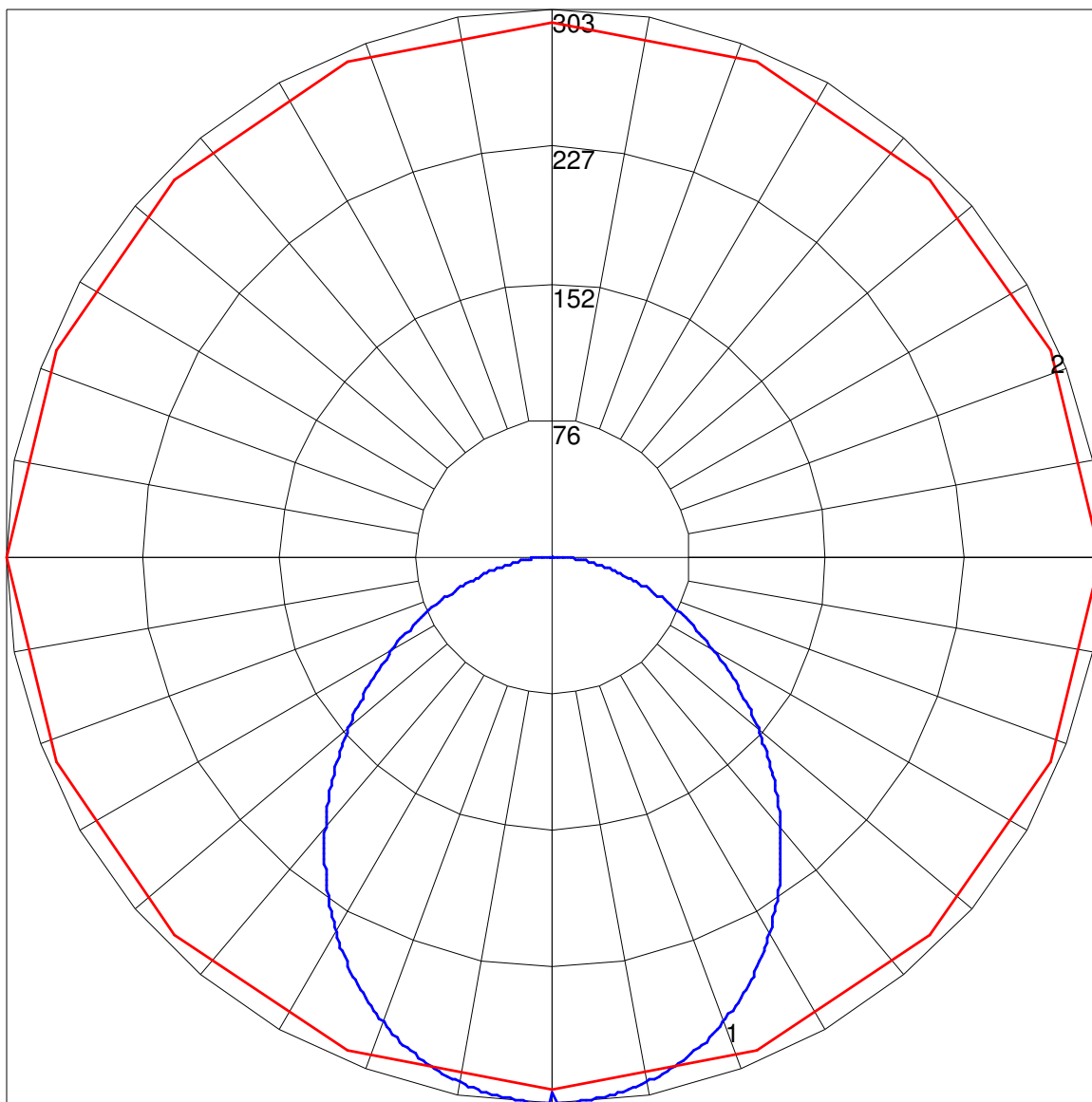
Reflectances

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	18.5	20.1	18.9	20.4	20.7	17.4	18.9	17.7	19.3	19.6
	3H	20.3	21.7	20.6	22.0	22.4	19.0	20.5	19.4	20.8	21.1
	4H	20.9	22.2	21.3	22.5	22.9	19.6	21.0	20.0	21.3	21.7
	6H	21.3	22.6	21.7	22.9	23.3	20.1	21.3	20.5	21.7	22.1
	8H	21.5	22.6	21.9	23.0	23.4	20.3	21.4	20.7	21.8	22.2
	12H	21.5	22.7	22.0	23.1	23.5	20.4	21.5	20.8	21.9	22.3
4H	2H	19.0	20.3	19.4	20.7	21.0	18.0	19.4	18.4	19.7	20.1
	3H	20.9	22.0	21.3	22.4	22.8	19.9	21.0	20.3	21.4	21.8
	4H	21.7	22.7	22.1	23.1	23.5	20.7	21.7	21.1	22.1	22.5
	6H	22.3	23.1	22.7	23.6	24.0	21.2	22.1	21.7	22.6	23.0
	8H	22.5	23.3	22.9	23.7	24.2	21.4	22.3	21.9	22.7	23.2
	12H	22.6	23.3	23.1	23.8	24.3	21.6	22.3	22.1	22.8	23.3
8H	4H	21.9	22.7	22.4	23.2	23.6	21.0	21.8	21.5	22.2	22.7
	6H	22.6	23.3	23.1	23.8	24.2	21.7	22.4	22.2	22.9	23.3
	8H	22.8	23.5	23.4	24.0	24.5	21.9	22.6	22.5	23.1	23.6
	12H	23.1	23.6	23.6	24.1	24.7	22.2	22.7	22.7	23.2	23.8
12H	4H	21.9	22.6	22.4	23.1	23.6	21.0	21.8	21.5	22.2	22.7
	6H	22.6	23.2	23.1	23.7	24.2	21.8	22.4	22.3	22.8	23.4
	8H	22.9	23.5	23.5	24.0	24.5	22.1	22.6	22.6	23.1	23.7

Maximum UGR = 24.7

POLAR GRAPH



Maximum Candela = 303.115 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.)