



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L4-950-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-L4-950-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	721
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
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	8419	7263	6625
55	7505	6382	5843
65	6617	5626	5179
75	5457	4789	4464
85	4117	3841	3701

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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	319.396	319.396	319.396	319.396	319.396
0.5	325.027	319.658	317.825	318.610	317.039
1.0	325.027	319.527	317.825	318.610	316.908
1.5	324.896	319.527	317.694	318.479	316.777
2.0	324.765	319.265	317.432	318.348	316.384
2.5	324.634	319.003	317.301	317.956	316.122
3.0	324.372	318.741	316.908	317.694	315.598
3.5	324.110	318.479	316.515	317.170	315.075
4.0	323.848	318.217	316.122	316.777	314.682
4.5	323.587	317.825	315.729	316.253	314.027
5.0	323.325	317.432	315.075	315.598	313.372
5.5	322.801	316.908	314.551	314.813	312.456
6.0	322.408	316.384	313.896	314.158	311.670
6.5	322.015	315.991	313.241	313.241	310.753
7.0	321.491	315.337	312.586	312.325	309.836
7.5	320.968	314.813	311.801	311.408	308.789
8.0	320.444	314.027	311.015	310.360	307.872
8.5	319.789	313.372	310.098	309.313	306.694
9.0	319.134	312.717	309.182	308.134	305.515
9.5	318.479	311.932	308.134	306.825	304.205
10.0	317.825	311.146	307.086	305.646	303.027
10.5	317.039	310.360	306.039	304.336	301.455
11.0	316.253	309.444	304.860	303.027	300.015
11.5	315.337	308.527	303.682	301.586	298.574
12.0	314.420	307.479	302.372	300.146	297.003
12.5	313.634	306.432	301.063	298.574	295.301
13.0	312.586	305.384	299.753	297.003	293.729
13.5	311.539	304.205	298.313	295.301	292.027
14.0	310.622	303.027	297.003	293.729	290.324
14.5	309.444	301.848	295.432	292.027	288.491
15.0	308.396	300.670	293.991	290.193	286.789
15.5	307.217	299.360	292.289	288.360	284.824
16.0	306.301	298.182	290.717	286.527	282.860
16.5	305.384	296.872	289.015	284.562	280.896
17.0	304.205	295.562	287.312	282.598	278.931
17.5	302.503	294.253	285.610	280.634	276.836
18.0	300.932	293.074	283.908	278.539	274.610
18.5	299.360	291.503	282.074	276.443	272.384
19.0	298.051	289.801	280.241	274.217	270.157
19.5	296.610	288.098	278.408	271.991	267.800
20.0	295.170	286.396	276.443	269.896	265.312
20.5	293.598	284.693	274.610	267.669	262.955
21.0	292.027	283.122	272.646	265.312	260.467
21.5	290.455	281.419	270.681	263.086	258.110
22.0	288.753	279.586	268.586	260.729	255.622
22.5	287.181	277.884	266.622	258.241	253.264
23.0	285.348	276.050	264.788	255.884	250.907
23.5	283.646	274.086	262.693	253.526	248.419
24.0	281.812	272.253	260.336	251.169	246.062
24.5	279.979	270.288	258.110	248.812	243.574
25.0	278.146	268.455	255.753	246.324	241.086
25.5	276.312	266.360	253.526	243.967	238.598
26.0	274.348	264.396	251.169	241.479	236.240
26.5	272.515	262.300	248.943	239.121	233.883

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**CANDELA TABULATION - (Cont.)**

27.0	270.419	260.336	246.586	236.764	231.395
27.5	268.455	258.110	244.360	234.407	228.776
28.0	266.491	256.014	242.002	232.050	226.419
28.5	264.526	253.919	239.645	229.562	224.062
29.0	262.431	251.693	237.419	227.074	221.705
29.5	260.205	249.467	235.062	224.586	219.347
30.0	258.110	247.241	232.705	222.228	216.859
30.5	255.884	245.145	230.479	219.871	214.371
31.0	253.657	242.919	228.121	217.383	211.883
31.5	251.300	240.562	225.633	214.895	209.526
32.0	249.074	238.336	223.276	212.407	207.038
32.5	246.717	235.979	220.919	209.919	204.550
33.0	244.491	233.621	218.431	207.431	202.062
33.5	242.133	231.264	216.074	205.073	199.573
34.0	239.776	228.907	213.716	202.585	197.085
34.5	237.550	226.419	211.097	200.097	194.597
35.0	235.193	224.062	208.740	197.478	192.109
35.5	232.836	221.574	206.252	194.990	189.752
36.0	230.348	219.216	203.895	192.633	187.264
36.5	227.990	216.728	201.407	190.145	184.907
37.0	225.633	214.240	198.919	187.526	182.419
37.5	223.145	211.752	196.431	185.169	180.192
38.0	220.788	209.264	193.942	182.680	177.704
38.5	218.300	206.776	191.585	180.323	175.347
39.0	215.812	204.288	188.966	177.835	172.990
39.5	213.324	201.800	186.478	175.478	170.633
40.0	210.705	199.312	183.990	172.990	168.276
40.5	208.085	196.823	181.502	170.764	166.049
41.0	205.597	194.335	179.014	168.406	163.561
41.5	202.978	191.716	176.526	166.049	161.204
42.0	200.359	189.228	174.168	163.561	158.978
42.5	197.871	186.609	171.680	161.204	156.621
43.0	195.252	184.121	169.323	158.978	154.394
43.5	192.633	181.502	166.704	156.752	152.168
44.0	190.014	179.014	164.347	154.394	149.942
44.5	187.395	176.526	161.859	152.037	147.716
45.0	184.907	173.907	159.502	149.811	145.490
45.5	182.288	171.418	157.144	147.585	143.263
46.0	179.668	168.930	154.787	145.359	141.168
46.5	177.180	166.311	152.299	143.132	138.942
47.0	174.561	163.823	149.942	140.906	136.847
47.5	172.073	161.335	147.716	138.549	134.751
48.0	169.454	158.847	145.359	136.454	132.525
48.5	166.835	156.359	143.132	134.228	130.508
49.0	164.347	153.740	140.644	132.132	128.400
49.5	161.728	151.252	138.418	129.893	126.292
50.0	159.240	148.894	136.061	127.706	124.183
50.5	156.621	146.406	133.835	125.637	122.180
51.0	154.133	143.918	131.478	123.607	120.189
51.5	151.513	141.430	129.264	121.538	118.015
52.0	149.025	139.073	126.960	119.404	115.973
52.5	146.406	136.585	124.681	117.269	114.008
53.0	143.918	134.228	122.429	115.161	111.913
53.5	141.299	131.870	120.281	113.183	110.014
54.0	138.811	129.395	118.107	111.232	108.011
54.5	136.323	126.973	115.894	109.228	106.046

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**CANDELA TABULATION - (Cont.)**

55.0	133.704	124.602	113.694	107.159	104.082
55.5	131.216	122.258	111.559	105.064	102.078
56.0	128.714	119.927	109.477	103.047	100.180
56.5	126.266	117.623	107.356	101.149	98.294
57.0	123.804	115.292	105.261	99.276	96.487
57.5	121.394	113.013	103.231	97.299	94.614
58.0	118.998	110.774	101.162	95.282	92.689
58.5	116.680	108.534	99.053	93.305	90.816
59.0	114.309	106.361	96.958	91.393	89.062
59.5	111.979	104.187	94.915	89.520	87.254
60.0	109.634	102.039	92.951	87.700	85.395
60.5	107.356	99.891	91.013	85.866	83.575
61.0	105.090	97.731	89.049	83.994	81.820
61.5	102.812	95.570	87.006	82.108	80.013
62.0	100.533	93.475	85.015	80.248	78.206
62.5	98.268	91.406	83.129	78.454	76.451
63.0	95.989	89.297	81.322	76.700	74.735
63.5	93.697	87.202	79.515	75.050	73.020
64.0	91.419	85.094	77.656	73.400	71.304
64.5	89.140	82.998	75.731	71.619	69.628
65.0	86.848	80.929	73.845	69.759	67.978
65.5	84.570	78.847	72.064	68.083	66.354
66.0	82.304	76.765	70.322	66.577	64.796
66.5	80.026	74.696	68.554	65.032	63.211
67.0	77.760	72.653	66.708	63.355	61.588
67.5	75.508	70.623	64.848	61.548	59.938
68.0	73.255	68.567	62.989	59.689	58.248
68.5	71.029	66.524	61.142	57.960	56.572
69.0	68.829	64.482	59.388	56.349	54.948
69.5	66.629	62.491	57.659	54.752	53.311
70.0	64.442	60.501	55.826	52.997	51.583
70.5	62.295	58.497	53.953	51.111	49.867
71.0	60.134	56.493	52.106	49.304	48.178
71.5	58.012	54.516	50.299	47.680	46.541
72.0	55.904	52.604	48.571	46.174	44.956
72.5	53.822	50.718	46.908	44.616	43.437
73.0	51.779	48.846	45.218	42.953	41.892
73.5	49.749	46.960	43.477	41.290	40.294
74.0	47.759	45.100	41.735	39.692	38.775
74.5	45.795	43.280	40.085	38.186	37.348
75.0	43.869	41.512	38.500	36.706	35.881
75.5	41.971	39.758	36.942	35.213	34.375
76.0	40.098	38.016	35.344	33.734	32.948
76.5	38.252	36.261	33.760	32.215	31.547
77.0	36.418	34.546	32.162	30.722	30.093
77.5	34.624	32.856	30.643	29.255	28.613
78.0	32.830	31.180	29.163	27.828	27.212
78.5	31.062	29.530	27.684	26.413	25.876
79.0	29.347	27.919	26.204	25.025	24.554
79.5	27.644	26.335	24.750	23.663	23.244
80.0	25.981	24.776	23.336	22.301	21.922
80.5	24.331	23.244	21.935	20.953	20.573
81.0	22.734	21.738	20.520	19.630	19.250
81.5	21.175	20.272	19.159	18.347	17.993
82.0	19.643	18.857	17.862	17.116	16.788
82.5	18.150	17.469	16.579	15.924	15.623

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**CANDELA TABULATION - (Cont.)**

83.0	16.684	16.094	15.322	14.719	14.483
83.5	15.243	14.732	14.051	13.528	13.344
84.0	13.842	13.423	12.781	12.349	12.179
84.5	12.480	12.139	11.550	11.197	11.052
85.0	11.144	10.882	10.398	10.083	10.018
85.5	9.835	9.638	9.272	9.036	9.049
86.0	8.564	8.407	8.172	8.067	8.067
86.5	7.333	7.229	7.071	7.045	7.071
87.0	6.129	6.089	5.998	5.998	6.037
87.5	4.976	4.937	4.950	5.016	5.042
88.0	3.863	3.889	4.007	4.099	4.138
88.5	2.829	2.920	3.143	3.169	3.195
89.0	1.912	2.056	2.187	1.977	1.964
89.5	1.323	1.362	1.021	0.969	1.074
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-L4-950-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-L4-950-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	113.09	N.A.	15.70
0-30	231.53	N.A.	32.10
0-40	363.39	N.A.	50.40
0-60	592.50	N.A.	82.20
0-80	708.99	N.A.	98.30
0-90	720.92	N.A.	100.00
10-90	690.96	N.A.	95.80
20-40	250.30	N.A.	34.70
20-50	375.42	N.A.	52.10
40-70	303.97	N.A.	42.20
60-80	116.49	N.A.	16.20
70-80	41.63	N.A.	5.80
80-90	11.93	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	720.92	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	29.96
10-20	83.13
20-30	118.44
30-40	131.86
40-50	125.13
50-60	103.98
60-70	74.86
70-80	41.63
80-90	11.93
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-L4-950-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	61
4	84	73	64	58	82	71	64	58	69	62	57	67	61	56	65	59	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-L4-950-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

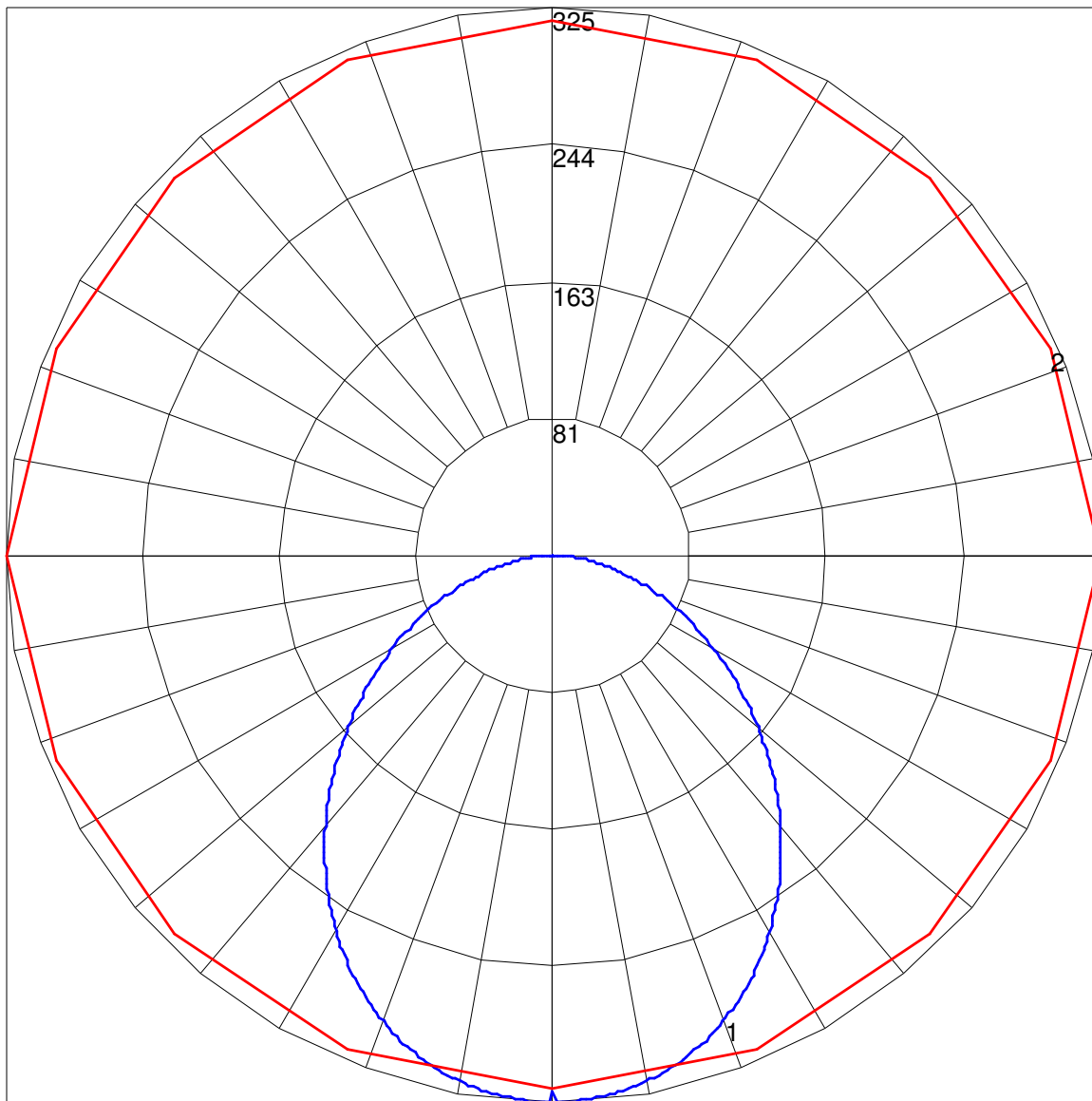
Reflectances

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	18.8	20.4	19.2	20.7	21.0	17.7	19.2	18.0	19.6	19.9
	3H	20.5	22.0	20.9	22.3	22.7	19.3	20.8	19.7	21.1	21.4
	4H	21.2	22.5	21.6	22.8	23.2	19.9	21.3	20.3	21.6	22.0
	6H	21.6	22.8	22.0	23.2	23.6	20.4	21.6	20.8	22.0	22.4
	8H	21.8	22.9	22.2	23.3	23.7	20.6	21.7	21.0	22.1	22.5
	12H	21.8	23.0	22.3	23.4	23.8	20.7	21.8	21.1	22.2	22.6
4H	2H	19.3	20.6	19.7	21.0	21.3	18.3	19.7	18.7	20.0	20.4
	3H	21.2	22.3	21.6	22.7	23.1	20.2	21.3	20.6	21.7	22.1
	4H	22.0	23.0	22.4	23.4	23.8	21.0	22.0	21.4	22.4	22.8
	6H	22.6	23.4	23.0	23.9	24.3	21.5	22.4	22.0	22.9	23.3
	8H	22.8	23.6	23.2	24.0	24.5	21.7	22.6	22.2	23.0	23.5
	12H	22.9	23.6	23.4	24.1	24.6	21.9	22.6	22.4	23.1	23.6
8H	4H	22.2	23.0	22.7	23.4	23.9	21.3	22.1	21.8	22.5	23.0
	6H	22.9	23.6	23.4	24.1	24.5	22.0	22.7	22.5	23.2	23.6
	8H	23.1	23.8	23.6	24.3	24.8	22.2	22.9	22.8	23.4	23.9
	12H	23.4	23.9	23.9	24.4	25.0	22.5	23.0	23.0	23.5	24.1
12H	4H	22.2	22.9	22.7	23.4	23.9	21.3	22.1	21.8	22.5	23.0
	6H	22.9	23.5	23.4	24.0	24.5	22.1	22.7	22.6	23.1	23.7
	8H	23.2	23.8	23.7	24.3	24.8	22.4	22.9	22.9	23.4	24.0

Maximum UGR = 25.0

POLAR GRAPH



Maximum Candela = 325.027 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.)