



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L4-940-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-L4-940-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	697
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
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	8136	7018	6401
55	7252	6167	5646
65	6394	5436	5004
75	5273	4628	4313
85	3978	3712	3576

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-940-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	308.630	308.630	308.630	308.630	308.630
0.5	314.071	308.883	307.111	307.871	306.352
1.0	314.071	308.756	307.111	307.871	306.226
1.5	313.944	308.756	306.985	307.744	306.099
2.0	313.818	308.503	306.732	307.618	305.719
2.5	313.691	308.250	306.605	307.238	305.466
3.0	313.438	307.997	306.226	306.985	304.960
3.5	313.185	307.744	305.846	306.479	304.454
4.0	312.932	307.491	305.466	306.099	304.074
4.5	312.679	307.111	305.087	305.593	303.442
5.0	312.426	306.732	304.454	304.960	302.809
5.5	311.920	306.226	303.948	304.201	301.923
6.0	311.540	305.719	303.315	303.568	301.164
6.5	311.161	305.340	302.682	302.682	300.278
7.0	310.654	304.707	302.050	301.797	299.392
7.5	310.148	304.201	301.291	300.911	298.380
8.0	309.642	303.442	300.531	299.899	297.494
8.5	309.009	302.809	299.646	298.886	296.356
9.0	308.377	302.176	298.760	297.747	295.217
9.5	307.744	301.417	297.747	296.482	293.951
10.0	307.111	300.658	296.735	295.343	292.812
10.5	306.352	299.899	295.723	294.078	291.294
11.0	305.593	299.013	294.584	292.812	289.902
11.5	304.707	298.127	293.445	291.420	288.510
12.0	303.821	297.115	292.180	290.029	286.992
12.5	303.062	296.102	290.914	288.510	285.347
13.0	302.050	295.090	289.649	286.992	283.828
13.5	301.037	293.951	288.257	285.347	282.183
14.0	300.152	292.812	286.992	283.828	280.538
14.5	299.013	291.674	285.473	282.183	278.767
15.0	298.001	290.535	284.081	280.412	277.122
15.5	296.862	289.269	282.436	278.640	275.223
16.0	295.976	288.130	280.918	276.868	273.325
16.5	295.090	286.865	279.273	274.970	271.427
17.0	293.951	285.600	277.628	273.072	269.529
17.5	292.306	284.334	275.983	271.174	267.504
18.0	290.788	283.195	274.338	269.150	265.353
18.5	289.269	281.677	272.566	267.125	263.202
19.0	288.004	280.032	270.795	264.974	261.051
19.5	286.612	278.387	269.023	262.823	258.773
20.0	285.220	276.742	267.125	260.798	256.369
20.5	283.702	275.097	265.353	258.647	254.091
21.0	282.183	273.578	263.455	256.369	251.687
21.5	280.665	271.933	261.557	254.218	249.409
22.0	279.020	270.162	259.533	251.940	247.005
22.5	277.501	268.517	257.634	249.536	244.727
23.0	275.730	266.745	255.863	247.258	242.450
23.5	274.085	264.847	253.838	244.980	240.045
24.0	272.313	263.076	251.561	242.703	237.768
24.5	270.541	261.178	249.409	240.425	235.363
25.0	268.770	259.406	247.132	238.021	232.959
25.5	266.998	257.381	244.980	235.743	230.555
26.0	265.100	255.483	242.703	233.339	228.277
26.5	263.329	253.459	240.552	231.061	226.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	261.304	251.561	238.274	228.783	223.595
27.5	259.406	249.409	236.123	226.506	221.065
28.0	257.508	247.385	233.845	224.228	218.787
28.5	255.610	245.360	231.567	221.824	216.509
29.0	253.585	243.209	229.416	219.419	214.231
29.5	251.434	241.058	227.138	217.015	211.954
30.0	249.409	238.907	224.861	214.738	209.549
30.5	247.258	236.882	222.710	212.460	207.145
31.0	245.107	234.731	220.432	210.056	204.741
31.5	242.829	232.453	218.028	207.651	202.463
32.0	240.678	230.302	215.750	205.247	200.059
32.5	238.400	228.024	213.472	202.843	197.655
33.0	236.249	225.746	211.068	200.439	195.250
33.5	233.972	223.469	208.790	198.161	192.846
34.0	231.694	221.191	206.512	195.757	190.442
34.5	229.543	218.787	203.982	193.352	188.038
35.0	227.265	216.509	201.704	190.822	185.633
35.5	224.987	214.105	199.300	188.417	183.356
36.0	222.583	211.827	197.022	186.140	180.951
36.5	220.305	209.423	194.618	183.735	178.674
37.0	218.028	207.019	192.213	181.205	176.270
37.5	215.623	204.614	189.809	178.927	174.118
38.0	213.346	202.210	187.405	176.523	171.714
38.5	210.941	199.806	185.127	174.245	169.436
39.0	208.537	197.402	182.596	171.841	167.159
39.5	206.133	194.997	180.192	169.563	164.881
40.0	203.602	192.593	177.788	167.159	162.603
40.5	201.071	190.189	175.384	165.008	160.452
41.0	198.667	187.785	172.979	162.730	158.048
41.5	196.136	185.254	170.575	160.452	155.770
42.0	193.605	182.850	168.298	158.048	153.619
42.5	191.201	180.319	165.893	155.770	151.341
43.0	188.670	177.915	163.616	153.619	149.190
43.5	186.140	175.384	161.085	151.468	147.039
44.0	183.609	172.979	158.807	149.190	144.888
44.5	181.078	170.575	156.403	146.912	142.737
45.0	178.674	168.044	154.125	144.761	140.585
45.5	176.143	165.640	151.847	142.610	138.434
46.0	173.612	163.236	149.570	140.459	136.410
46.5	171.208	160.705	147.165	138.308	134.258
47.0	168.677	158.301	144.888	136.157	132.234
47.5	166.273	155.897	142.737	133.879	130.209
48.0	163.742	153.492	140.459	131.854	128.058
48.5	161.211	151.088	138.308	129.703	126.109
49.0	158.807	148.557	135.903	127.678	124.072
49.5	156.276	146.153	133.752	125.515	122.035
50.0	153.872	143.875	131.475	123.401	119.997
50.5	151.341	141.471	129.323	121.402	118.061
51.0	148.937	139.067	127.046	119.441	116.138
51.5	146.406	136.663	124.907	117.441	114.037
52.0	144.002	134.385	122.680	115.379	112.063
52.5	141.471	131.981	120.478	113.316	110.165
53.0	139.067	129.703	118.302	111.279	108.141
53.5	136.536	127.425	116.227	109.368	106.306
54.0	134.132	125.034	114.126	107.483	104.370
54.5	131.728	122.693	111.987	105.547	102.472

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	129.197	120.402	109.862	103.547	100.574
55.5	126.793	118.137	107.799	101.523	98.638
56.0	124.376	115.885	105.787	99.574	96.803
56.5	122.009	113.658	103.737	97.739	94.981
57.0	119.630	111.405	101.712	95.930	93.234
57.5	117.302	109.204	99.751	94.019	91.425
58.0	114.986	107.040	97.752	92.070	89.565
58.5	112.747	104.876	95.714	90.159	87.755
59.0	110.456	102.775	93.690	88.312	86.060
59.5	108.204	100.675	91.716	86.502	84.313
60.0	105.939	98.600	89.818	84.744	82.516
60.5	103.737	96.524	87.945	82.972	80.758
61.0	101.548	94.436	86.047	81.162	79.062
61.5	99.346	92.349	84.073	79.340	77.316
62.0	97.144	90.324	82.149	77.543	75.569
62.5	94.955	88.325	80.327	75.810	73.874
63.0	92.753	86.287	78.581	74.114	72.216
63.5	90.539	84.263	76.835	72.520	70.558
64.0	88.337	82.225	75.038	70.925	68.901
64.5	86.135	80.201	73.178	69.204	67.281
65.0	83.921	78.201	71.356	67.408	65.687
65.5	81.719	76.189	69.635	65.788	64.118
66.0	79.530	74.177	67.952	64.333	62.612
66.5	77.328	72.178	66.243	62.840	61.081
67.0	75.139	70.204	64.459	61.220	59.512
67.5	72.963	68.243	62.662	59.474	57.917
68.0	70.786	66.256	60.865	57.677	56.285
68.5	68.635	64.282	59.081	56.006	54.665
69.0	66.509	62.308	57.386	54.450	53.096
69.5	64.383	60.385	55.715	52.906	51.514
70.0	62.270	58.461	53.944	51.211	49.844
70.5	60.195	56.525	52.134	49.388	48.186
71.0	58.107	54.589	50.350	47.642	46.554
71.5	56.057	52.678	48.604	46.073	44.972
72.0	54.020	50.831	46.933	44.618	43.441
72.5	52.008	49.009	45.326	43.112	41.973
73.0	50.034	47.199	43.694	41.505	40.480
73.5	48.072	45.377	42.011	39.898	38.936
74.0	46.149	43.580	40.328	38.354	37.468
74.5	44.251	41.821	38.734	36.899	36.089
75.0	42.391	40.113	37.203	35.469	34.672
75.5	40.556	38.417	35.697	34.026	33.217
76.0	38.746	36.734	34.153	32.597	31.837
76.5	36.962	35.039	32.622	31.129	30.483
77.0	35.191	33.381	31.078	29.686	29.079
77.5	33.457	31.749	29.610	28.269	27.649
78.0	31.723	30.129	28.180	26.890	26.295
78.5	30.015	28.535	26.750	25.523	25.004
79.0	28.358	26.978	25.321	24.182	23.726
79.5	26.712	25.447	23.916	22.866	22.461
80.0	25.105	23.941	22.549	21.550	21.183
80.5	23.511	22.461	21.195	20.246	19.879
81.0	21.967	21.006	19.829	18.968	18.601
81.5	20.461	19.588	18.513	17.728	17.387
82.0	18.981	18.222	17.260	16.539	16.222
82.5	17.538	16.880	16.020	15.387	15.096

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	16.121	15.552	14.805	14.223	13.995
83.5	14.729	14.236	13.578	13.072	12.894
84.0	13.375	12.970	12.350	11.933	11.768
84.5	12.059	11.730	11.161	10.819	10.680
85.0	10.769	10.515	10.047	9.744	9.680
85.5	9.503	9.313	8.959	8.731	8.744
86.0	8.276	8.124	7.896	7.795	7.795
86.5	7.086	6.985	6.833	6.808	6.833
87.0	5.922	5.884	5.796	5.796	5.833
87.5	4.809	4.771	4.783	4.846	4.872
88.0	3.733	3.758	3.872	3.961	3.999
88.5	2.733	2.822	3.037	3.062	3.088
89.0	1.847	1.987	2.113	1.911	1.898
89.5	1.278	1.316	0.987	0.936	1.038
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-940-DMA-DIM-UNV_.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L4-940-DMA-DIM-UNV_.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 : LRX2-2-L4-940-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-L4-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	109.28	N.A.	15.70
0-30	223.72	N.A.	32.10
0-40	351.14	N.A.	50.40
0-60	572.53	N.A.	82.20
0-80	685.09	N.A.	98.30
0-90	696.62	N.A.	100.00
10-90	667.66	N.A.	95.80
20-40	241.86	N.A.	34.70
20-50	362.77	N.A.	52.10
40-70	293.72	N.A.	42.20
60-80	112.56	N.A.	16.20
70-80	40.23	N.A.	5.80
80-90	11.53	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	696.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	28.95
10-20	80.32
20-30	114.45
30-40	127.42
40-50	120.91
50-60	100.48
60-70	72.34
70-80	40.23
80-90	11.53
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-L4-940-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	92	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	58	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	43	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	49	41	36	61	49	41	35	47	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-L4-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

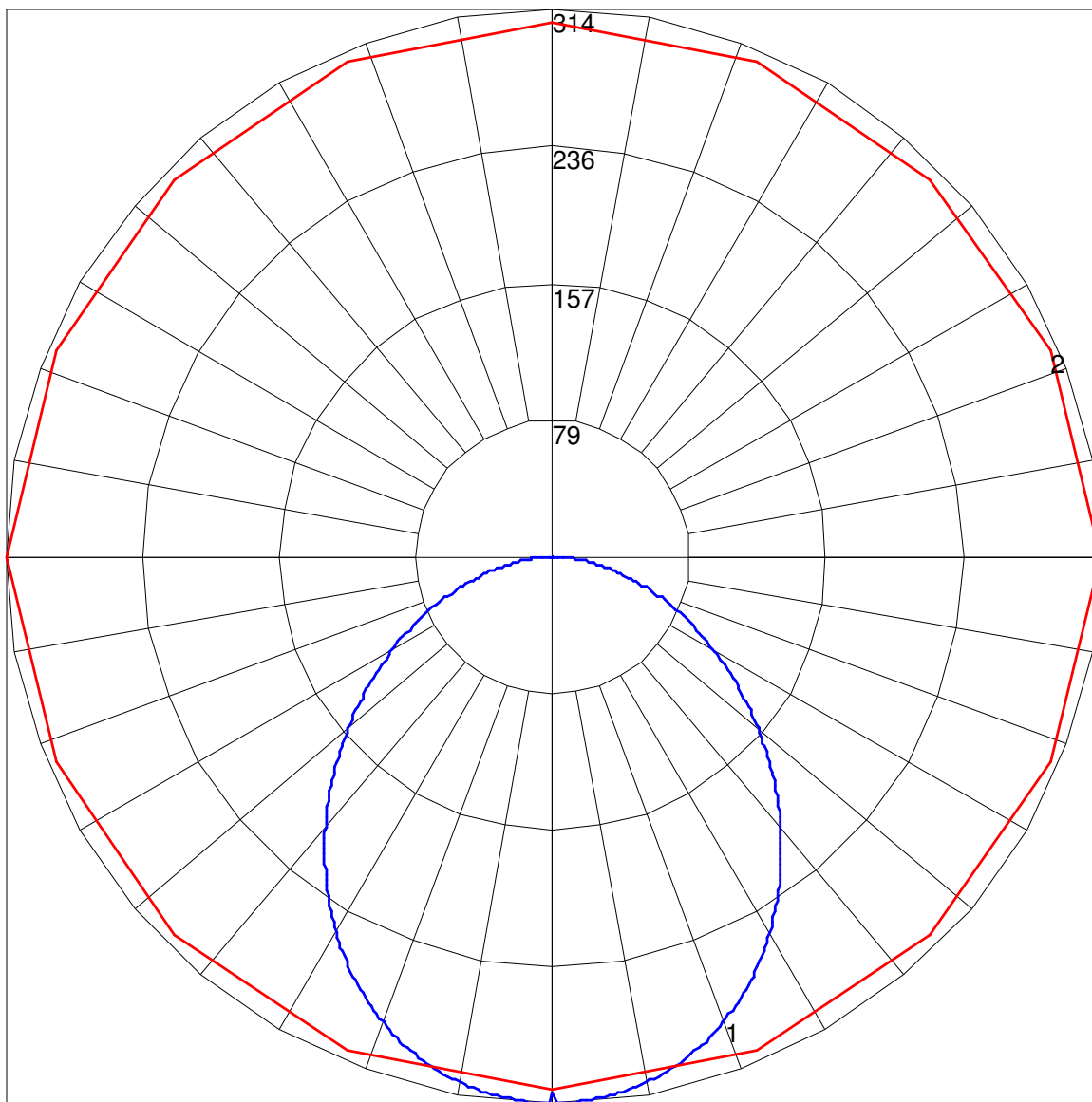
Reflectances

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	18.7	20.3	19.1	20.6	20.9	17.6	19.1	17.9	19.4	19.8
	3H	20.4	21.9	20.8	22.2	22.6	19.2	20.7	19.6	21.0	21.3
	4H	21.1	22.4	21.5	22.7	23.1	19.8	21.2	20.2	21.5	21.9
	6H	21.5	22.7	21.9	23.1	23.5	20.3	21.5	20.7	21.9	22.3
	8H	21.7	22.8	22.1	23.2	23.6	20.5	21.6	20.9	22.0	22.4
	12H	21.7	22.9	22.2	23.3	23.7	20.6	21.7	21.0	22.1	22.5
4H	2H	19.2	20.5	19.6	20.9	21.2	18.2	19.6	18.6	19.9	20.3
	3H	21.1	22.2	21.5	22.6	23.0	20.1	21.2	20.5	21.6	22.0
	4H	21.9	22.9	22.3	23.3	23.7	20.9	21.9	21.3	22.3	22.7
	6H	22.5	23.3	22.9	23.8	24.2	21.4	22.3	21.9	22.7	23.2
	8H	22.6	23.5	23.1	23.9	24.4	21.6	22.4	22.1	22.9	23.4
	12H	22.8	23.5	23.3	24.0	24.5	21.8	22.5	22.3	23.0	23.5
8H	4H	22.1	22.9	22.6	23.3	23.8	21.2	22.0	21.6	22.4	22.9
	6H	22.8	23.5	23.3	24.0	24.4	21.9	22.6	22.4	23.1	23.5
	8H	23.0	23.7	23.5	24.2	24.6	22.1	22.8	22.7	23.3	23.8
	12H	23.3	23.8	23.8	24.3	24.9	22.4	22.9	22.9	23.4	24.0
12H	4H	22.1	22.8	22.6	23.3	23.8	21.2	22.0	21.7	22.4	22.9
	6H	22.8	23.4	23.3	23.9	24.4	21.9	22.6	22.5	23.0	23.6
	8H	23.1	23.7	23.6	24.2	24.7	22.3	22.8	22.8	23.3	23.9

Maximum UGR = 24.9

POLAR GRAPH



Maximum Candela = 314.071 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.)