

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L4-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L4-940-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 4' linear fixture (CRS construction)

[MORE] with diffused acrylic shielding

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[OTHER] The reported results were measured in a facility that meets the

[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no

[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1455
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	16
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6215	5381	4694
55	5492	4606	3811
65	4711	3707	2992
75	3780	2643	2053
85	2488	788	427

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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	692.072	692.072	692.072	692.072	692.072
0.5	693.150	690.993	692.719	692.288	690.346
1.0	692.719	690.777	692.719	692.072	690.130
1.5	692.503	690.346	692.072	691.425	689.483
2.0	692.288	690.130	691.856	690.993	688.836
2.5	691.856	689.699	691.209	690.130	688.189
3.0	691.425	689.267	690.562	689.267	687.110
3.5	690.777	688.620	689.483	687.973	686.031
4.0	690.130	687.757	688.620	686.894	684.521
4.5	689.483	686.894	687.326	685.384	682.795
5.0	689.052	686.031	686.247	683.658	681.285
5.5	687.757	684.953	684.737	682.148	679.559
6.0	686.894	683.874	683.227	680.206	677.618
6.5	685.816	682.580	681.717	678.049	675.460
7.0	684.521	681.069	679.991	676.108	672.872
7.5	683.227	679.775	678.049	673.519	670.283
8.0	681.932	678.265	676.108	671.146	667.478
8.5	680.422	676.539	673.950	668.557	665.105
9.0	678.696	674.813	671.793	665.752	662.301
9.5	677.186	673.303	669.420	662.948	659.065
10.0	675.460	671.361	667.047	659.928	655.829
10.5	673.950	669.420	664.458	656.692	652.377
11.0	672.009	667.262	661.653	653.456	648.494
11.5	670.283	665.321	658.849	650.004	645.258
12.0	668.988	663.379	655.829	646.552	641.590
12.5	666.184	661.222	652.808	642.669	637.923
13.0	663.595	658.633	649.788	639.001	633.824
13.5	661.438	655.613	646.552	635.334	629.725
14.0	658.849	652.808	643.100	631.235	625.626
14.5	656.260	649.788	639.649	627.136	621.311
15.0	653.671	646.984	636.413	623.037	616.781
15.5	651.082	644.179	632.961	618.507	612.251
16.0	648.278	641.159	629.509	614.192	607.936
16.5	645.689	637.923	625.626	609.877	603.190
17.0	642.453	634.687	621.311	605.131	598.228
17.5	639.433	631.451	617.212	600.601	593.482
18.0	636.628	627.999	613.113	595.855	588.304
18.5	633.177	624.547	608.799	590.893	583.342
19.0	629.941	621.096	604.484	586.363	578.380
19.5	626.920	617.428	600.169	581.185	572.771
20.0	623.253	613.761	595.855	576.007	567.594
20.5	620.017	610.309	591.540	571.046	562.416
21.0	616.565	606.426	586.794	566.084	557.023
21.5	612.898	602.543	582.048	560.906	551.630
22.0	609.230	598.659	577.517	555.513	546.236
22.5	605.563	594.560	572.987	550.119	540.843
23.0	601.680	590.677	568.025	544.726	535.234
23.5	598.012	586.578	563.063	539.548	529.625
24.0	593.697	582.264	558.102	533.939	524.231
24.5	589.814	577.949	552.924	528.546	518.622
25.0	585.715	573.634	548.178	522.937	513.013
25.5	581.616	569.320	543.000	517.328	507.189
26.0	577.517	564.574	537.823	511.935	501.579
26.5	573.203	560.259	532.645	506.326	495.755

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L4-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	568.672	555.513	527.467	500.717	490.146
27.5	564.142	550.982	522.074	495.107	484.321
28.0	559.180	546.236	516.896	489.498	478.496
28.5	554.218	541.490	511.719	484.105	472.671
29.0	549.688	536.744	506.110	478.280	466.846
29.5	545.158	531.782	500.717	472.455	460.806
30.0	540.196	526.820	495.539	466.846	455.413
30.5	535.665	522.074	490.146	461.022	449.588
31.0	530.703	517.112	484.752	455.197	443.979
31.5	526.173	511.935	479.143	449.588	438.370
32.0	521.211	506.757	473.750	443.763	432.545
32.5	516.249	501.579	468.141	437.722	426.720
33.0	511.503	496.402	462.747	432.113	421.111
33.5	506.541	491.440	457.354	426.720	415.502
34.0	501.364	486.047	451.745	420.895	409.677
34.5	496.402	480.869	446.352	415.286	404.284
35.0	491.224	475.691	440.743	409.677	398.243
35.5	486.478	470.298	435.134	404.068	392.419
36.0	481.301	465.121	429.740	398.243	386.162
36.5	476.123	459.727	424.131	392.419	380.769
37.0	471.161	454.334	418.522	386.378	375.160
37.5	465.768	448.941	413.345	380.769	369.767
38.0	460.159	443.763	407.736	375.376	364.157
38.5	454.981	438.154	402.126	369.982	358.764
39.0	450.019	432.761	396.086	364.373	353.371
39.5	444.410	427.367	390.261	358.980	347.977
40.0	439.233	421.974	384.652	353.802	342.584
40.5	433.839	416.581	379.259	348.193	337.191
41.0	428.014	411.187	373.865	343.016	331.798
41.5	422.621	405.578	368.256	337.622	326.620
42.0	417.012	399.969	363.079	332.445	321.227
42.5	411.403	394.144	357.470	327.051	316.049
43.0	406.010	388.104	352.508	321.874	310.656
43.5	400.185	382.711	347.115	316.696	305.262
44.0	394.144	377.317	341.721	311.519	299.869
44.5	387.888	371.708	336.544	306.341	294.476
45.0	382.495	366.315	331.150	301.163	288.867
45.5	377.101	360.921	325.973	295.986	283.473
46.0	371.492	355.528	320.579	290.592	278.296
46.5	365.883	350.135	315.402	285.415	272.902
47.0	360.274	344.741	310.440	280.022	267.725
47.5	354.881	339.348	305.262	274.844	262.547
48.0	349.272	333.955	300.085	269.451	257.370
48.5	343.879	328.777	294.907	264.273	252.192
49.0	338.485	323.384	289.945	259.095	247.014
49.5	332.876	317.991	284.768	253.918	242.053
50.0	327.699	312.813	279.806	248.956	237.306
50.5	322.305	307.420	274.844	243.778	232.345
51.0	316.912	302.242	269.882	238.817	227.383
51.5	311.519	297.064	264.920	233.855	222.637
52.0	306.125	291.887	259.958	228.893	217.890
52.5	300.948	286.709	254.997	224.147	213.101
53.0	295.554	281.747	250.035	219.185	208.290
53.5	290.161	276.570	245.073	214.417	203.932
54.0	284.768	271.392	240.111	209.649	199.208
54.5	279.590	266.215	234.933	204.968	194.678

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CANDELA TABULATION - (Cont.)

55.0	274.197	261.253	229.971	200.200	190.277
55.5	269.019	256.291	225.010	195.605	185.876
56.0	263.626	251.329	219.832	190.989	181.432
56.5	258.448	246.151	214.956	186.501	176.966
57.0	253.055	241.405	210.059	181.971	172.694
57.5	248.093	236.443	205.162	177.548	168.380
58.0	242.915	231.482	200.287	173.147	164.216
58.5	237.522	226.520	195.519	168.790	159.988
59.0	232.560	221.558	190.708	164.496	155.802
59.5	227.383	216.812	185.940	160.203	151.747
60.0	222.421	211.936	181.259	156.040	147.777
60.5	217.243	207.190	176.664	151.811	143.743
61.0	212.238	202.422	172.069	147.626	139.817
61.5	207.233	197.676	167.474	143.527	135.998
62.0	202.250	192.930	162.900	139.601	132.137
62.5	197.374	188.292	158.370	135.610	128.296
63.0	192.499	183.675	153.904	131.640	124.586
63.5	187.731	179.102	149.438	127.736	120.962
64.0	182.812	174.507	145.059	123.896	117.229
64.5	178.023	169.976	140.701	120.077	113.627
65.0	173.298	165.424	136.365	116.323	110.067
65.5	168.552	160.915	132.072	112.570	106.507
66.0	163.892	156.514	127.822	108.924	102.991
66.5	159.276	152.070	123.658	105.235	99.561
67.0	154.594	147.626	119.451	101.632	96.152
67.5	149.999	143.247	115.374	98.072	92.722
68.0	145.490	138.781	111.232	94.534	89.378
68.5	140.960	134.294	107.262	91.083	86.056
69.0	136.473	129.720	103.293	87.609	82.777
69.5	132.007	125.276	99.367	84.222	79.584
70.0	127.520	120.811	95.483	80.878	76.305
70.5	123.076	116.345	91.643	77.556	73.198
71.0	118.653	111.944	87.847	74.255	70.049
71.5	114.360	107.608	84.114	71.041	66.899
72.0	110.132	103.315	80.447	67.805	63.814
72.5	105.796	99.129	76.823	64.655	60.772
73.0	101.589	94.923	73.263	61.527	57.816
73.5	97.360	90.737	69.768	58.421	54.818
74.0	93.283	86.703	66.316	55.443	51.949
74.5	89.184	82.669	62.929	52.402	49.079
75.0	85.150	78.656	59.542	49.446	46.253
75.5	81.137	74.773	56.263	46.534	43.535
76.0	77.276	70.890	53.049	43.729	40.817
76.5	73.436	67.136	49.856	40.968	38.206
77.0	69.639	63.339	46.749	38.228	35.704
77.5	65.928	59.650	43.686	35.596	33.201
78.0	62.239	56.026	40.666	33.029	30.764
78.5	58.658	52.466	37.667	30.526	28.390
79.0	55.120	48.950	34.776	28.067	26.061
79.5	51.711	45.477	31.972	25.694	23.752
80.0	48.346	42.090	29.253	23.385	21.530
80.5	45.045	38.767	26.621	21.077	19.308
81.0	41.788	35.488	24.119	18.833	17.151
81.5	38.616	32.317	21.660	16.611	14.950
82.0	35.531	29.253	19.330	14.476	12.771
82.5	32.533	26.276	17.043	12.275	10.463

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CANDELA TABULATION - (Cont.)

83.0	29.620	23.385	14.799	10.032	7.982
83.5	26.794	20.581	12.642	7.551	5.329
84.0	24.054	17.927	10.528	5.027	4.121
84.5	21.422	15.382	8.392	3.840	3.646
85.0	18.877	12.966	5.976	3.365	3.236
85.5	16.439	10.700	3.624	2.956	2.848
86.0	14.087	8.543	2.848	2.546	2.459
86.5	11.801	6.515	2.416	2.157	2.071
87.0	9.665	4.530	2.006	1.791	1.704
87.5	7.615	2.395	1.596	1.402	1.359
88.0	5.695	1.510	1.230	1.057	0.992
88.5	3.926	1.122	0.863	0.733	0.690
89.0	2.395	0.733	0.518	0.431	0.410
89.5	1.079	0.388	0.259	0.216	0.173
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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PHOTOMETRIC FILENAME : LRX2X-4-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

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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 : LRX2X-4-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 : LRX2X-4-L4-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	243.38	N.A.	16.70
0-30	495.46	N.A.	34.10
0-40	772.03	N.A.	53.10
0-60	1236.09	N.A.	85.00
0-80	1442.74	N.A.	99.20
0-90	1455.04	N.A.	100.00
10-90	1390.25	N.A.	95.50
20-40	528.65	N.A.	36.30
20-50	786.02	N.A.	54.00
40-70	602.99	N.A.	41.40
60-80	206.65	N.A.	14.20
70-80	67.72	N.A.	4.70
80-90	12.30	N.A.	0.80
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	1455.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	64.79
10-20	178.59
20-30	252.08
30-40	276.57
40-50	257.37
50-60	206.69
60-70	138.93
70-80	67.72
80-90	12.30
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 : LRX2X-4-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	110	106	102	99	107	104	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

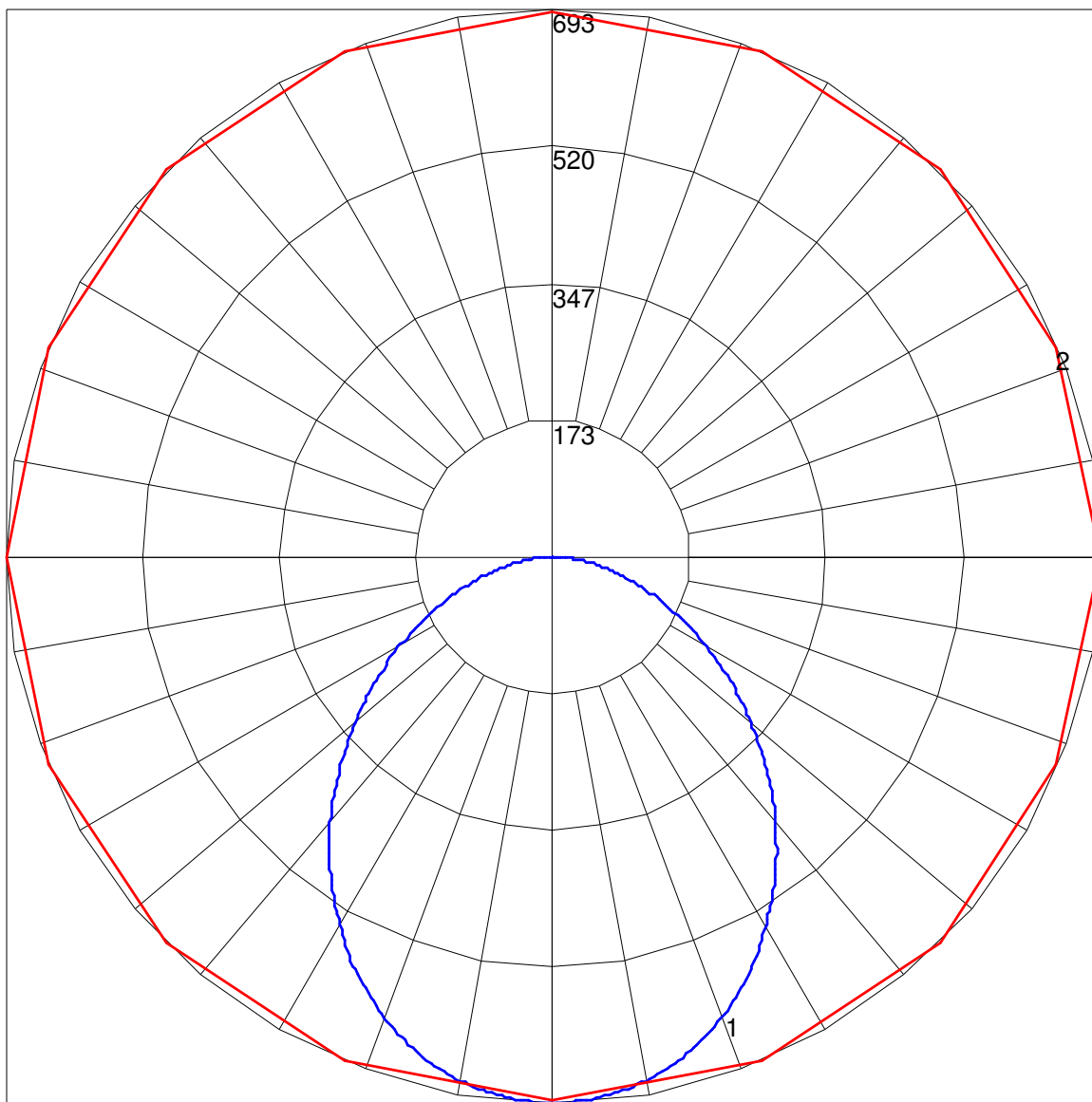
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L4-940-DMA-DIM-UNV_.IES

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	17.9	19.4	18.3	19.8	20.1	15.8	17.3	16.2	17.6	17.9
	3H	19.5	20.9	19.9	21.2	21.6	17.0	18.4	17.4	18.8	19.1
	4H	20.1	21.4	20.5	21.7	22.1	17.4	18.7	17.8	19.1	19.4
	6H	20.4	21.6	20.8	22.0	22.4	17.6	18.8	18.0	19.2	19.6
	8H	20.6	21.7	21.0	22.1	22.5	17.6	18.8	18.1	19.1	19.5
	12H	20.6	21.7	21.0	22.1	22.5	17.6	18.7	18.0	19.1	19.5
4H	2H	18.2	19.5	18.6	19.9	20.3	16.5	17.8	16.9	18.1	18.5
	3H	20.1	21.1	20.5	21.5	21.9	17.9	19.0	18.3	19.4	19.8
	4H	20.7	21.7	21.2	22.1	22.6	18.4	19.3	18.8	19.8	20.2
	6H	21.2	22.1	21.7	22.5	23.0	18.6	19.5	19.1	19.9	20.4
	8H	21.4	22.1	21.8	22.6	23.1	18.6	19.4	19.1	19.9	20.3
	12H	21.4	22.2	21.9	22.6	23.1	18.6	19.3	19.1	19.8	20.3
8H	4H	20.8	21.6	21.3	22.0	22.5	18.7	19.5	19.1	19.9	20.4
	6H	21.4	22.0	21.9	22.5	23.0	19.0	19.6	19.5	20.1	20.6
	8H	21.6	22.2	22.1	22.7	23.2	19.0	19.6	19.5	20.1	20.6
	12H	21.7	22.2	22.2	22.7	23.3	19.0	19.5	19.5	20.0	20.6
12H	4H	20.8	21.5	21.3	22.0	22.5	18.7	19.4	19.2	19.9	20.4
	6H	21.4	22.0	21.9	22.4	23.0	19.0	19.6	19.6	20.1	20.6
	8H	21.6	22.1	22.1	22.6	23.2	19.1	19.6	19.6	20.1	20.7

Maximum UGR = 23.3

POLAR GRAPH



Maximum Candela = 693.15 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.)