

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L4-935-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L4-935-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	1404
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
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	5998	5193	4530
55	5301	4446	3678
65	4547	3578	2888
75	3648	2551	1982
85	2402	760	412

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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	667.930	667.930	667.930	667.930	667.930
0.5	668.971	666.889	668.555	668.138	666.264
1.0	668.555	666.681	668.555	667.930	666.056
1.5	668.346	666.264	667.930	667.305	665.432
2.0	668.138	666.056	667.722	666.889	664.807
2.5	667.722	665.640	667.097	666.056	664.182
3.0	667.305	665.223	666.473	665.223	663.141
3.5	666.681	664.599	665.432	663.974	662.100
4.0	666.056	663.766	664.599	662.933	660.643
4.5	665.432	662.933	663.349	661.476	658.977
5.0	665.015	662.100	662.308	659.810	657.520
5.5	663.766	661.059	660.851	658.352	655.854
6.0	662.933	660.018	659.393	656.479	653.980
6.5	661.892	658.769	657.936	654.397	651.898
7.0	660.643	657.311	656.270	652.523	649.400
7.5	659.393	656.062	654.397	650.024	646.901
8.0	658.144	654.605	652.523	647.734	644.194
8.5	656.687	652.939	650.441	645.235	641.904
9.0	655.021	651.273	648.358	642.529	639.197
9.5	653.564	649.816	646.068	639.822	636.074
10.0	651.898	647.942	643.778	636.907	632.951
10.5	650.441	646.068	641.279	633.784	629.620
11.0	648.567	643.986	638.573	630.661	625.872
11.5	646.901	642.112	635.866	627.330	622.749
12.0	645.652	640.238	632.951	623.998	619.209
12.5	642.945	638.156	630.036	620.250	615.670
13.0	640.447	635.658	627.121	616.711	611.714
13.5	638.365	632.743	623.998	613.171	607.758
14.0	635.866	630.036	620.667	609.215	603.802
14.5	633.368	627.121	617.336	605.260	599.638
15.0	630.869	624.415	614.212	601.304	595.266
15.5	628.371	621.708	610.881	596.931	590.893
16.0	625.664	618.793	607.550	592.767	586.729
16.5	623.165	615.670	603.802	588.603	582.148
17.0	620.042	612.547	599.638	584.022	577.360
17.5	617.127	609.424	595.682	579.650	572.779
18.0	614.421	606.092	591.726	575.069	567.782
18.5	611.089	602.761	587.562	570.281	562.993
19.0	607.966	599.430	583.398	565.908	558.205
19.5	605.051	595.890	579.234	560.911	552.791
20.0	601.512	592.351	575.069	555.914	547.794
20.5	598.389	589.019	570.905	551.126	542.797
21.0	595.057	585.272	566.325	546.337	537.592
21.5	591.518	581.524	561.744	541.340	532.387
22.0	587.978	577.776	557.372	536.135	527.182
22.5	584.439	573.820	552.999	530.929	521.976
23.0	580.691	570.072	548.211	525.724	516.563
23.5	577.151	566.116	543.422	520.727	511.150
24.0	572.987	561.952	538.633	515.314	505.944
24.5	569.240	557.788	533.636	510.109	500.531
25.0	565.284	553.624	529.056	504.695	495.118
25.5	561.328	549.460	524.059	499.282	489.496
26.0	557.372	544.879	519.062	494.077	484.083
26.5	553.208	540.715	514.065	488.663	478.461

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CANDELA TABULATION - (Cont.)

27.0	548.835	536.135	509.068	483.250	473.048
27.5	544.463	531.762	503.862	477.836	467.426
28.0	539.674	527.182	498.865	472.423	461.804
28.5	534.885	522.601	493.868	467.218	456.183
29.0	530.513	518.021	488.455	461.596	450.561
29.5	526.141	513.232	483.250	455.975	444.731
30.0	521.352	508.443	478.253	450.561	439.526
30.5	516.979	503.862	473.048	444.940	433.905
31.0	512.191	499.074	467.842	439.318	428.491
31.5	507.818	494.077	462.429	433.905	423.078
32.0	503.030	489.080	457.224	428.283	417.456
32.5	498.241	484.083	451.811	422.453	411.835
33.0	493.660	479.086	446.605	417.040	406.421
33.5	488.871	474.297	441.400	411.835	401.008
34.0	483.874	469.092	435.987	406.213	395.386
34.5	479.086	464.095	430.782	400.800	390.181
35.0	474.089	459.098	425.368	395.386	384.351
35.5	469.508	453.893	419.955	389.973	378.730
36.0	464.511	448.896	414.750	384.351	372.692
36.5	459.514	443.690	409.336	378.730	367.486
37.0	454.725	438.485	403.923	372.900	362.073
37.5	449.520	433.280	398.926	367.486	356.868
38.0	444.107	428.283	393.512	362.281	351.454
38.5	439.110	422.870	388.099	357.076	346.249
39.0	434.321	417.664	382.269	351.663	341.044
39.5	428.908	412.459	376.648	346.457	335.839
40.0	423.911	407.254	371.234	341.460	330.634
40.5	418.705	402.049	366.029	336.047	325.428
41.0	413.084	396.844	360.824	331.050	320.223
41.5	407.879	391.430	355.410	325.845	315.226
42.0	402.465	386.017	350.413	320.848	310.021
42.5	397.052	380.395	345.000	315.643	305.024
43.0	391.847	374.565	340.211	310.646	299.819
43.5	386.225	369.360	335.006	305.649	294.614
44.0	380.395	364.155	329.801	300.652	289.409
44.5	374.357	358.742	324.804	295.655	284.203
45.0	369.152	353.537	319.599	290.658	278.790
45.5	363.947	348.331	314.602	285.661	273.585
46.0	358.533	343.126	309.397	280.456	268.588
46.5	353.120	337.921	304.400	275.459	263.383
47.0	347.707	332.716	299.611	270.253	258.386
47.5	342.502	327.511	294.614	265.256	253.389
48.0	337.088	322.305	289.617	260.051	248.392
48.5	331.883	317.308	284.620	255.054	243.395
49.0	326.678	312.103	279.831	250.057	238.398
49.5	321.264	306.898	274.834	245.060	233.609
50.0	316.267	301.901	270.045	240.272	229.028
50.5	311.062	296.696	265.256	235.275	224.240
51.0	305.857	291.699	260.468	230.486	219.451
51.5	300.652	286.702	255.679	225.697	214.870
52.0	295.447	281.705	250.890	220.908	210.290
52.5	290.450	276.708	246.101	216.328	205.667
53.0	285.244	271.919	241.313	211.539	201.024
53.5	280.039	266.922	236.524	206.938	196.819
54.0	274.834	261.925	231.735	202.336	192.259
54.5	269.837	256.928	226.738	197.818	187.887

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CANDELA TABULATION - (Cont.)

55.0	264.632	252.139	221.949	193.217	183.639
55.5	259.635	247.351	217.161	188.782	179.392
56.0	254.430	242.562	212.164	184.326	175.103
56.5	249.433	237.565	207.458	179.995	170.793
57.0	244.228	232.984	202.732	175.623	166.670
57.5	239.439	228.196	198.005	171.355	162.506
58.0	234.442	223.407	193.300	167.107	158.488
58.5	229.237	218.618	188.699	162.902	154.407
59.0	224.448	213.829	184.056	158.758	150.368
59.5	219.451	209.249	179.454	154.615	146.453
60.0	214.662	204.543	174.936	150.597	142.622
60.5	209.665	199.963	170.501	146.516	138.729
61.0	204.835	195.361	166.066	142.476	134.939
61.5	200.004	190.781	161.632	138.521	131.254
62.0	195.195	186.200	157.218	134.731	127.527
62.5	190.489	181.724	152.845	130.879	123.821
63.0	185.784	177.268	148.535	127.048	120.240
63.5	181.182	172.854	144.225	123.280	116.742
64.0	176.435	168.419	139.999	119.574	113.140
64.5	171.813	164.047	135.793	115.888	109.663
65.0	167.253	159.654	131.608	112.266	106.228
65.5	162.673	155.302	127.465	108.643	102.792
66.0	158.175	151.055	123.363	105.124	99.398
66.5	153.720	146.766	119.345	101.564	96.088
67.0	149.202	142.476	115.285	98.087	92.798
67.5	144.767	138.250	111.349	94.651	89.488
68.0	140.415	133.940	107.352	91.237	86.260
68.5	136.043	129.609	103.521	87.905	83.054
69.0	131.712	125.195	99.690	84.553	79.889
69.5	127.402	120.906	95.900	81.284	76.808
70.0	123.072	116.596	92.153	78.057	73.643
70.5	118.782	112.286	88.447	74.851	70.645
71.0	114.514	108.039	84.782	71.665	67.605
71.5	110.371	103.854	81.180	68.563	64.565
72.0	106.290	99.711	77.641	65.440	61.588
72.5	102.105	95.671	74.143	62.400	58.652
73.0	98.045	91.611	70.707	59.381	55.800
73.5	93.964	87.572	67.334	56.383	52.906
74.0	90.029	83.679	64.003	53.509	50.136
74.5	86.073	79.785	60.734	50.574	47.367
75.0	82.180	75.912	57.465	47.721	44.640
75.5	78.307	72.165	54.301	44.910	42.016
76.0	74.580	68.417	51.198	42.204	39.393
76.5	70.874	64.794	48.117	39.539	36.874
77.0	67.209	61.130	45.119	36.894	34.458
77.5	63.628	57.569	42.162	34.354	32.043
78.0	60.068	54.072	39.247	31.877	29.690
78.5	56.612	50.636	36.353	29.461	27.400
79.0	53.197	47.242	33.563	27.088	25.151
79.5	49.907	43.890	30.856	24.798	22.924
80.0	46.659	40.621	28.233	22.570	20.779
80.5	43.474	37.415	25.693	20.342	18.635
81.0	40.330	34.250	23.278	18.177	16.553
81.5	37.269	31.189	20.904	16.032	14.429
82.0	34.292	28.233	18.655	13.971	12.326
82.5	31.398	25.360	16.448	11.847	10.098

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CANDELA TABULATION - (Cont.)

83.0	28.587	22.570	14.283	9.682	7.704
83.5	25.859	19.863	12.201	7.287	5.143
84.0	23.215	17.302	10.161	4.851	3.977
84.5	20.675	14.845	8.099	3.706	3.519
85.0	18.218	12.513	5.767	3.248	3.123
85.5	15.865	10.327	3.498	2.852	2.748
86.0	13.596	8.245	2.748	2.457	2.374
86.5	11.389	6.288	2.332	2.082	1.999
87.0	9.328	4.372	1.936	1.728	1.645
87.5	7.350	2.311	1.541	1.353	1.312
88.0	5.497	1.457	1.187	1.020	0.958
88.5	3.789	1.083	0.833	0.708	0.666
89.0	2.311	0.708	0.500	0.416	0.396
89.5	1.041	0.375	0.250	0.208	0.167
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 : LRX2X-4-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 : LRX2X-4-L4-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	234.89	N.A.	16.70
0-30	478.18	N.A.	34.10
0-40	745.10	N.A.	53.10
0-60	1192.97	N.A.	85.00
0-80	1392.41	N.A.	99.20
0-90	1404.29	N.A.	100.00
10-90	1341.75	N.A.	95.50
20-40	510.21	N.A.	36.30
20-50	758.60	N.A.	54.00
40-70	581.96	N.A.	41.40
60-80	199.44	N.A.	14.20
70-80	65.35	N.A.	4.70
80-90	11.88	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	1404.29	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	62.53
10-20	172.36
20-30	243.29
30-40	266.92
40-50	248.39
50-60	199.48
60-70	134.09
70-80	65.35
80-90	11.88
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-L4-935-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	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	66	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-L4-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

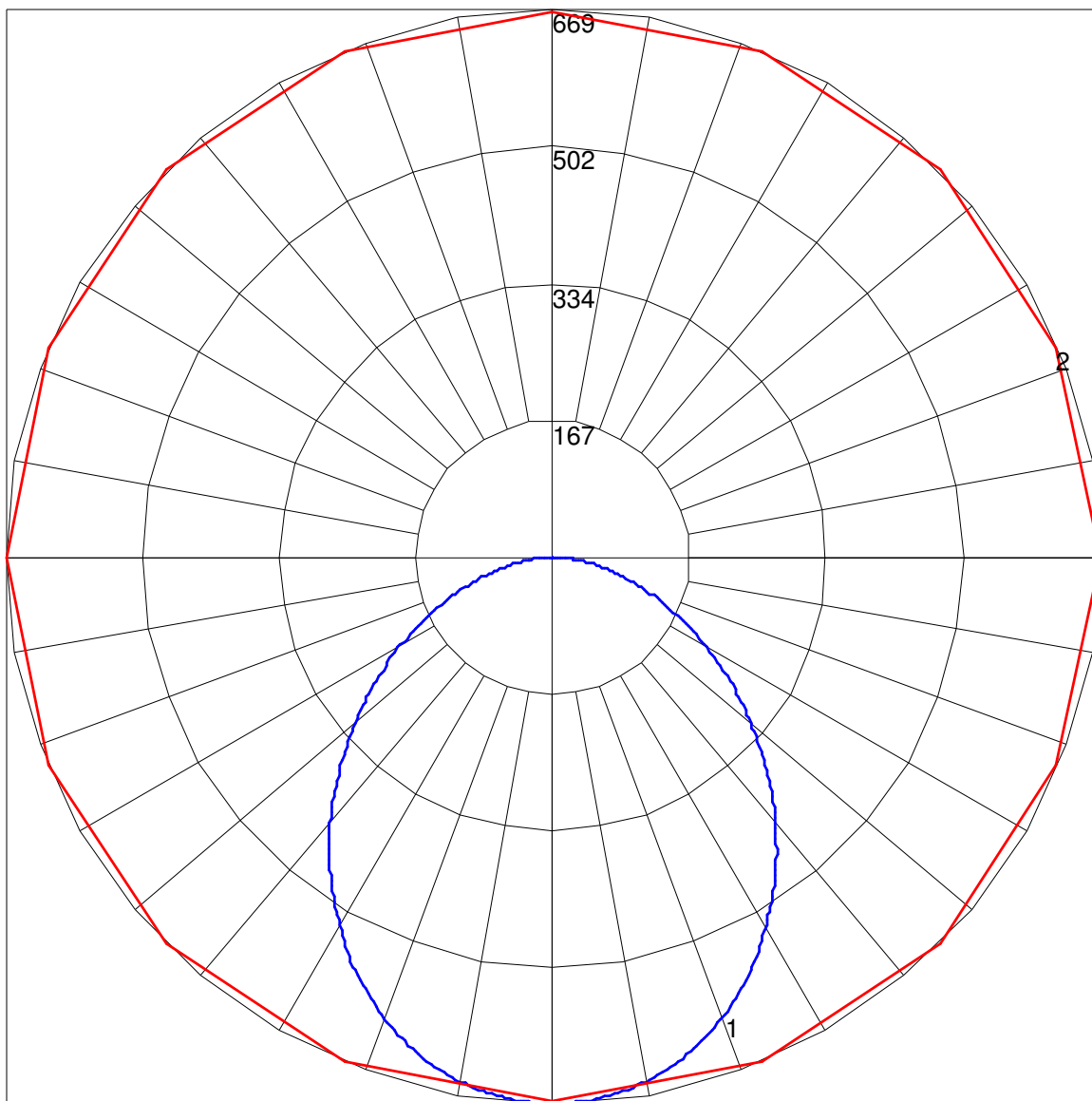
Reflectances

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	17.8	19.3	18.2	19.7	20.0	15.7	17.2	16.1	17.5	17.8
	3H	19.4	20.8	19.8	21.1	21.5	16.9	18.3	17.3	18.7	19.0
	4H	20.0	21.3	20.4	21.6	22.0	17.3	18.6	17.7	19.0	19.3
	6H	20.3	21.5	20.7	21.9	22.3	17.5	18.7	17.9	19.1	19.5
	8H	20.5	21.6	20.9	22.0	22.4	17.5	18.7	18.0	19.0	19.5
	12H	20.5	21.6	20.9	22.0	22.4	17.5	18.6	17.9	19.0	19.4
4H	2H	18.1	19.4	18.5	19.8	20.2	16.4	17.7	16.8	18.0	18.4
	3H	20.0	21.0	20.4	21.4	21.8	17.8	18.9	18.2	19.3	19.7
	4H	20.6	21.6	21.1	22.0	22.5	18.3	19.2	18.7	19.7	20.1
	6H	21.1	22.0	21.6	22.4	22.9	18.5	19.4	19.0	19.8	20.3
	8H	21.3	22.0	21.7	22.5	23.0	18.5	19.3	19.0	19.8	20.2
	12H	21.3	22.1	21.8	22.5	23.0	18.5	19.2	19.0	19.7	20.2
8H	4H	20.7	21.5	21.2	22.0	22.4	18.6	19.4	19.0	19.8	20.3
	6H	21.3	21.9	21.8	22.4	22.9	18.9	19.5	19.4	20.0	20.5
	8H	21.5	22.1	22.0	22.6	23.1	18.9	19.5	19.4	20.0	20.5
	12H	21.6	22.1	22.1	22.6	23.2	18.9	19.4	19.4	19.9	20.5
12H	4H	20.7	21.4	21.2	21.9	22.4	18.6	19.3	19.1	19.8	20.3
	6H	21.3	21.9	21.8	22.3	22.9	18.9	19.5	19.5	20.0	20.5
	8H	21.5	22.0	22.0	22.5	23.1	19.0	19.5	19.5	20.0	20.6

Maximum UGR = 23.2

POLAR GRAPH



Maximum Candela = 668.971 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.)