

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L12-935-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-2-L12-935-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 2' suspended 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	2000
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	19.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9758	8651	7659
55	8542	7383	6271
65	7268	6073	5045
75	5835	4560	3714
85	3779	2342	1792

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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	926.545	926.545	926.545	926.545	926.545
0.5	931.074	924.532	926.796	926.041	925.538
1.0	930.823	924.280	926.545	925.790	925.286
1.5	930.571	923.777	926.293	925.286	924.783
2.0	930.068	923.525	925.538	924.280	924.532
2.5	929.816	923.022	925.035	923.777	923.525
3.0	929.061	922.267	924.280	922.518	922.267
3.5	928.558	921.512	923.273	921.512	921.009
4.0	927.300	920.505	922.267	920.254	919.499
4.5	926.796	919.499	921.009	918.744	917.737
5.0	925.538	918.492	919.499	917.234	916.227
5.5	925.035	916.982	917.989	915.221	913.963
6.0	922.770	915.724	916.227	913.208	911.949
6.5	921.512	914.466	914.214	910.943	909.433
7.0	920.002	912.704	912.453	908.678	907.168
7.5	918.492	910.943	910.188	906.162	904.400
8.0	916.731	908.930	908.175	903.394	901.381
8.5	914.969	907.168	905.910	900.374	898.361
9.0	912.956	905.155	903.142	897.354	895.341
9.5	910.691	902.639	900.626	894.083	891.818
10.0	908.930	900.374	897.606	891.063	888.547
10.5	906.162	897.858	894.838	887.792	885.024
11.0	903.645	895.341	891.567	884.017	881.501
11.5	901.129	892.573	888.295	880.243	877.223
12.0	898.361	889.805	885.024	876.216	873.197
12.5	895.089	886.534	881.501	872.190	868.667
13.0	892.321	883.514	877.726	867.912	864.389
13.5	889.553	880.243	873.952	863.634	860.111
14.0	886.030	876.971	870.177	858.853	855.078
14.5	883.011	873.197	865.899	854.324	850.297
15.0	879.488	869.674	861.621	849.542	845.264
15.5	875.965	865.899	857.343	844.510	840.232
16.0	872.190	862.124	852.814	839.477	834.695
16.5	868.667	858.350	848.284	834.192	829.411
17.0	864.641	854.072	843.503	828.908	823.623
17.5	860.866	849.794	838.973	823.372	817.835
18.0	856.588	845.768	833.941	817.835	812.048
18.5	852.814	841.238	828.908	812.048	805.757
19.0	848.284	836.709	823.623	806.008	799.466
19.5	844.006	832.179	818.339	800.221	793.175
20.0	839.477	827.398	812.803	794.181	786.884
20.5	834.947	822.617	807.267	787.890	780.341
21.0	830.166	817.835	801.730	781.599	773.547
21.5	825.636	812.551	795.943	775.056	767.004
22.0	820.604	807.518	789.903	768.514	760.461
22.5	815.571	802.234	783.864	761.971	753.415
23.0	810.790	797.201	778.076	754.925	746.369
23.5	805.757	791.665	771.785	748.131	739.323
24.0	800.472	786.129	765.494	741.336	732.026
24.5	795.188	780.593	758.951	734.290	724.980
25.0	789.652	775.056	752.660	727.244	717.682
25.5	783.864	769.017	746.118	719.947	709.881
26.0	778.328	763.229	739.072	712.649	702.332
26.5	772.792	757.190	732.529	705.352	694.531

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CANDELA TABULATION - (Cont.)

27.0	766.752	751.150	725.483	697.802	686.982
27.5	760.461	744.859	718.689	690.253	679.433
28.0	754.673	738.820	711.643	682.452	671.380
28.5	748.634	732.529	704.848	674.903	663.579
29.0	742.595	726.238	697.802	667.102	656.030
29.5	735.549	719.695	690.505	659.301	647.977
30.0	728.754	712.901	683.207	651.500	640.176
30.5	722.463	706.358	676.161	643.951	632.124
31.0	715.921	699.816	668.864	636.150	624.071
31.5	709.630	693.021	661.566	628.098	616.019
32.0	702.584	686.227	654.017	620.297	608.218
32.5	696.041	679.181	646.719	612.244	599.914
33.0	689.247	672.387	638.918	604.443	592.113
33.5	682.452	665.341	631.872	596.391	583.557
34.0	675.910	658.295	624.071	588.590	575.756
34.5	669.115	651.500	616.522	580.789	567.955
35.0	662.321	644.203	608.721	572.736	559.903
35.5	655.275	636.905	601.172	565.187	551.599
36.0	648.732	629.859	593.623	557.135	544.049
36.5	641.686	622.562	585.822	549.334	535.997
37.0	634.389	615.264	578.524	541.533	528.448
37.5	627.343	607.966	570.975	533.480	520.395
38.0	620.297	600.417	563.174	525.679	512.342
38.5	612.999	593.371	555.625	517.879	504.542
39.0	605.450	585.822	548.076	510.078	496.741
39.5	598.404	578.524	540.275	502.277	488.940
40.0	591.106	570.975	532.725	494.979	481.391
40.5	583.305	563.677	524.925	487.178	473.338
41.0	576.008	556.128	517.375	479.377	465.034
41.5	568.710	548.831	509.826	471.577	457.233
42.0	560.909	541.281	502.277	463.524	449.180
42.5	552.857	533.480	494.728	455.975	441.380
43.0	545.308	525.931	487.178	447.671	433.579
43.5	538.010	518.634	479.629	439.870	426.281
44.0	529.957	511.084	472.080	432.572	418.732
44.5	522.408	503.535	463.776	425.023	411.183
45.0	514.607	496.237	456.226	417.725	403.885
45.5	506.806	488.437	448.425	410.428	396.336
46.0	499.257	481.139	441.128	403.130	389.038
46.5	491.708	473.590	433.830	396.084	381.992
47.0	483.907	466.040	426.533	388.786	374.694
47.5	476.106	457.988	419.487	381.740	367.649
48.0	468.557	450.187	412.441	374.694	360.351
48.5	460.756	442.889	405.143	367.649	353.305
49.0	452.452	435.340	398.097	360.603	346.511
49.5	445.154	428.294	391.303	353.557	339.716
50.0	437.605	420.997	384.257	346.762	332.922
50.5	430.559	413.699	377.211	339.968	326.128
51.0	423.010	406.653	370.165	332.922	319.333
51.5	415.712	399.355	363.371	326.379	312.791
52.0	408.666	392.058	356.325	319.585	306.248
52.5	401.368	385.012	349.530	313.042	299.957
53.0	394.071	377.966	342.736	306.500	293.666
53.5	386.773	370.920	336.193	299.957	287.123
54.0	379.727	363.874	329.147	293.666	280.832
54.5	372.430	357.080	322.605	287.123	274.541

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CANDELA TABULATION - (Cont.)

55.0	365.384	350.034	315.810	281.084	268.250
55.5	358.086	343.239	309.268	274.541	262.211
56.0	350.789	336.193	302.725	268.502	256.171
56.5	343.743	329.399	296.182	262.462	250.509
57.0	336.445	322.605	289.388	256.423	244.545
57.5	329.399	316.062	283.097	250.383	238.732
58.0	322.353	309.268	276.554	244.445	233.020
58.5	315.307	302.473	270.012	238.581	227.308
59.0	308.261	295.931	263.720	232.819	221.646
59.5	301.215	289.388	257.429	227.056	216.135
60.0	294.421	282.845	251.088	221.269	210.649
60.5	287.626	276.303	244.948	215.632	205.163
61.0	280.832	270.012	238.682	210.045	199.778
61.5	274.289	263.469	232.592	204.409	194.469
62.0	267.495	256.926	226.452	199.023	189.335
62.5	260.952	250.711	220.514	193.613	184.101
63.0	254.410	244.495	214.600	188.228	178.968
63.5	247.993	238.280	208.686	182.793	173.784
64.0	241.752	232.114	202.924	177.558	168.801
64.5	235.310	225.949	197.111	172.349	163.844
65.0	229.069	219.910	191.399	167.140	159.012
65.5	222.879	213.795	185.636	162.032	154.080
66.0	216.714	207.730	180.075	157.050	149.249
66.5	210.599	201.741	174.488	151.992	144.367
67.0	204.409	195.802	168.977	146.984	139.686
67.5	198.218	189.864	163.542	142.152	135.006
68.0	192.279	184.026	158.056	137.296	130.275
68.5	186.215	178.238	152.696	132.515	125.720
69.0	180.201	172.450	147.387	127.758	121.191
69.5	174.363	166.687	142.203	123.053	116.787
70.0	168.449	160.950	136.918	118.448	112.333
70.5	162.611	155.313	131.734	113.868	108.030
71.0	156.773	149.727	126.702	109.414	103.676
71.5	151.061	144.090	121.669	104.985	99.474
72.0	145.373	138.604	116.686	100.581	95.272
72.5	139.711	133.169	111.729	96.278	91.195
73.0	134.201	127.809	106.872	91.950	87.194
73.5	128.690	122.373	102.091	87.823	83.193
74.0	123.279	117.039	97.360	83.671	79.217
74.5	117.919	111.804	92.680	79.645	75.442
75.0	112.635	106.646	88.024	75.593	71.693
75.5	107.451	101.588	83.520	71.743	67.968
76.0	102.393	96.580	79.116	67.893	64.370
76.5	97.310	91.572	74.712	64.194	60.847
77.0	92.503	86.691	70.485	60.495	57.349
77.5	87.622	81.884	66.282	56.921	53.927
78.0	82.765	77.153	62.130	53.424	50.681
78.5	77.959	72.473	58.154	50.026	47.384
79.0	73.379	67.968	54.254	46.680	44.213
79.5	68.874	63.389	50.454	43.333	41.118
80.0	64.395	59.010	46.680	40.187	38.124
80.5	59.941	54.657	43.006	37.067	35.154
81.0	55.638	50.429	39.483	34.097	32.336
81.5	51.385	46.327	36.035	31.153	29.543
82.0	47.283	42.175	32.764	28.285	26.775
82.5	43.282	38.250	29.543	25.491	24.132

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CANDELA TABULATION - (Cont.)

83.0	39.332	34.374	26.422	22.774	21.440
83.5	35.431	30.675	23.478	20.106	18.873
84.0	31.707	27.051	20.609	17.489	16.382
84.5	28.033	23.629	17.867	14.998	13.991
85.0	24.560	20.333	15.224	12.658	11.651
85.5	21.188	17.162	12.708	10.267	9.135
86.0	18.018	14.142	10.443	7.801	6.367
86.5	14.872	11.425	8.254	4.932	3.926
87.0	11.978	8.858	5.888	3.120	2.793
87.5	9.286	6.593	3.397	2.391	2.189
88.0	6.794	4.504	2.139	1.837	1.711
88.5	4.681	2.516	1.585	1.334	1.183
89.0	2.944	1.258	1.057	0.856	0.755
89.5	1.460	0.679	0.579	0.428	0.377
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 : LRX4X-2-L12-935-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 : LRX4X-2-L12-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	329.12	N.A.	16.50
0-30	674.63	N.A.	33.70
0-40	1055.24	N.A.	52.80
0-60	1691.06	N.A.	84.50
0-80	1979.58	N.A.	99.00
0-90	2000.3	N.A.	100.00
10-90	1913.28	N.A.	95.60
20-40	726.12	N.A.	36.30
20-50	1079.07	N.A.	53.90
40-70	827.55	N.A.	41.40
60-80	288.52	N.A.	14.40
70-80	96.80	N.A.	4.80
80-90	20.72	N.A.	1.00
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	2000.3	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	87.02
10-20	242.10
20-30	345.51
30-40	380.61
40-50	352.95
50-60	282.88
60-70	191.72
70-80	96.80
80-90	20.72
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 : LRX4X-2-L12-935-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	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	52	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-2-L12-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

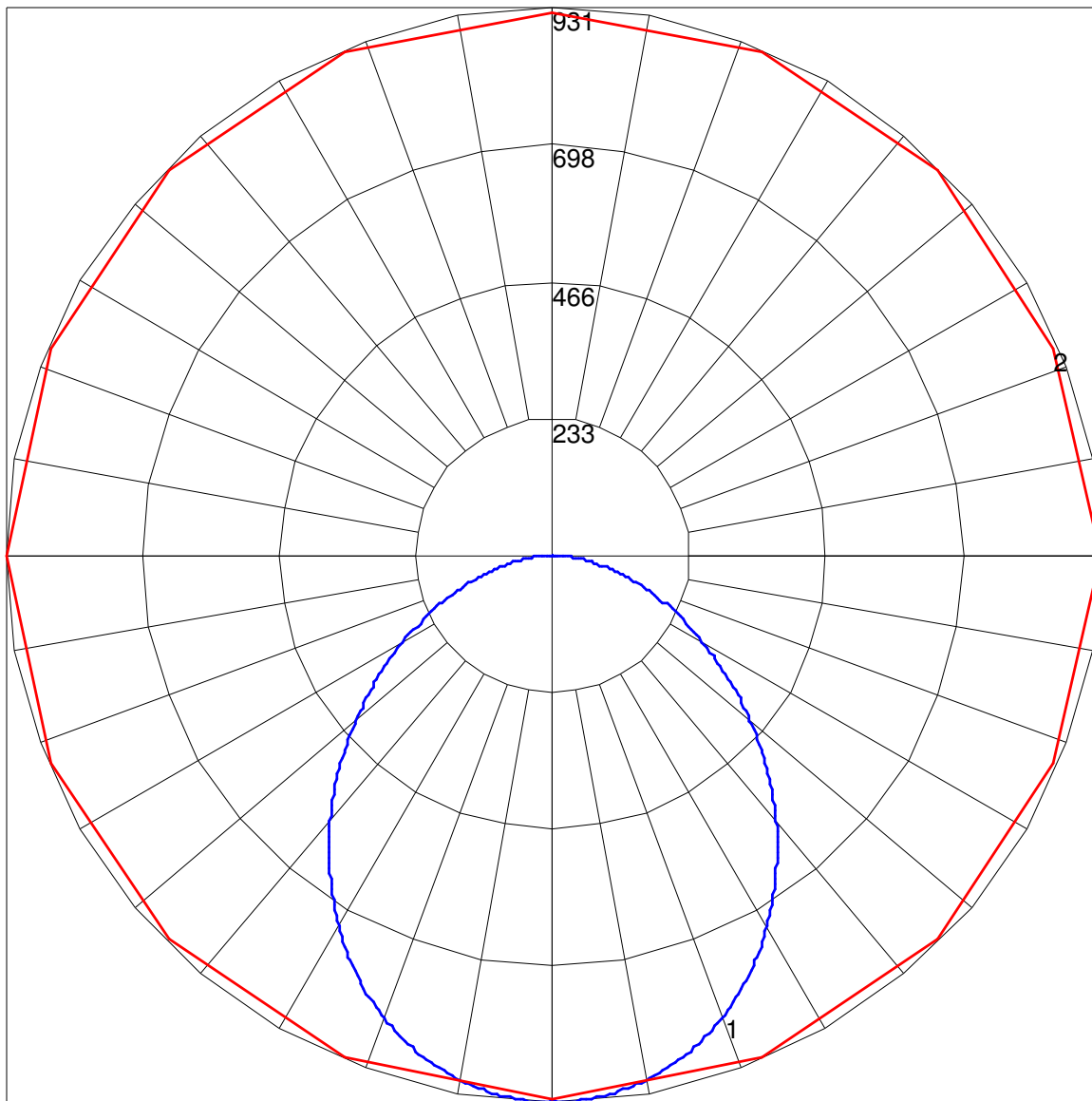
Reflectances

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	19.3	20.9	19.7	21.2	21.5	17.6	19.1	18.0	19.5	19.8
	3H	20.9	22.3	21.3	22.6	23.0	18.9	20.3	19.3	20.7	21.0
	4H	21.5	22.8	21.9	23.1	23.5	19.4	20.7	19.8	21.0	21.4
	6H	21.9	23.1	22.3	23.4	23.8	19.6	20.8	20.0	21.2	21.6
	8H	21.9	23.1	22.4	23.5	23.9	19.7	20.8	20.1	21.2	21.6
	12H	22.0	23.1	22.4	23.5	23.9	19.7	20.8	20.1	21.2	21.6
4H	2H	19.7	21.0	20.1	21.4	21.7	18.3	19.6	18.7	19.9	20.3
	3H	21.5	22.6	21.9	23.0	23.4	19.8	20.9	20.2	21.3	21.7
	4H	22.2	23.2	22.6	23.6	24.0	20.3	21.3	20.8	21.7	22.2
	6H	22.7	23.5	23.1	24.0	24.4	20.7	21.5	21.1	22.0	22.4
	8H	22.8	23.6	23.3	24.1	24.5	20.8	21.6	21.2	22.0	22.5
	12H	22.9	23.6	23.4	24.1	24.6	20.8	21.5	21.3	22.0	22.5
8H	4H	22.3	23.1	22.8	23.6	24.0	20.6	21.4	21.1	21.9	22.3
	6H	22.9	23.6	23.4	24.0	24.5	21.1	21.7	21.6	22.2	22.7
	8H	23.1	23.7	23.6	24.2	24.7	21.2	21.8	21.7	22.3	22.8
	12H	23.2	23.8	23.8	24.3	24.8	21.3	21.8	21.8	22.3	22.8
12H	4H	22.3	23.0	22.8	23.5	24.0	20.7	21.4	21.2	21.9	22.3
	6H	22.9	23.5	23.4	24.0	24.5	21.1	21.7	21.6	22.2	22.7
	8H	23.1	23.7	23.6	24.1	24.7	21.3	21.8	21.8	22.3	22.8

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 931.074 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.)