

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-930-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-L8-930-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	1343
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	13
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	6553	5809	5143
55	5736	4957	4211
65	4880	4078	3388
75	3918	3062	2494
85	2537	1573	1204

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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	622.156	622.156	622.156	622.156	622.156
0.5	625.197	620.804	622.325	621.818	621.480
1.0	625.028	620.635	622.156	621.649	621.311
1.5	624.859	620.297	621.987	621.311	620.973
2.0	624.521	620.128	621.480	620.635	620.804
2.5	624.352	619.790	621.142	620.297	620.128
3.0	623.845	619.283	620.635	619.452	619.283
3.5	623.507	618.776	619.959	618.776	618.438
4.0	622.663	618.100	619.283	617.931	617.424
4.5	622.325	617.424	618.438	616.917	616.242
5.0	621.480	616.749	617.424	615.904	615.228
5.5	621.142	615.735	616.411	614.552	613.707
6.0	619.621	614.890	615.228	613.200	612.355
6.5	618.776	614.045	613.876	611.679	610.666
7.0	617.762	612.862	612.693	610.159	609.145
7.5	616.749	611.679	611.172	608.469	607.286
8.0	615.566	610.328	609.821	606.610	605.258
8.5	614.383	609.145	608.300	604.583	603.231
9.0	613.031	607.793	606.441	602.555	601.203
9.5	611.510	606.103	604.751	600.358	598.837
10.0	610.328	604.583	602.724	598.331	596.641
10.5	608.469	602.893	600.865	596.134	594.275
11.0	606.779	601.203	598.668	593.599	591.910
11.5	605.089	599.344	596.472	591.065	589.037
12.0	603.231	597.486	594.275	588.361	586.334
12.5	601.034	595.289	591.910	585.658	583.292
13.0	599.175	593.261	589.375	582.785	580.419
13.5	597.317	591.065	586.840	579.913	577.547
14.0	594.951	588.868	584.306	576.702	574.168
14.5	592.923	586.334	581.433	573.661	570.957
15.0	590.558	583.968	578.561	570.450	567.578
15.5	588.192	581.433	575.688	567.071	564.198
16.0	585.658	578.899	572.647	563.691	560.481
16.5	583.292	576.364	569.605	560.143	556.932
17.0	580.588	573.492	566.395	556.594	553.046
17.5	578.054	570.619	563.353	552.877	549.160
18.0	575.181	567.916	559.974	549.160	545.273
18.5	572.647	564.874	556.594	545.273	541.049
19.0	569.605	561.833	553.046	541.218	536.825
19.5	566.733	558.791	549.498	537.332	532.600
20.0	563.691	555.581	545.780	533.276	528.376
20.5	560.650	552.370	542.063	529.052	523.983
21.0	557.439	549.160	538.345	524.828	519.421
21.5	554.398	545.611	534.459	520.434	515.027
22.0	551.018	542.232	530.404	516.041	510.634
22.5	547.639	538.683	526.348	511.648	505.903
23.0	544.428	535.304	522.462	506.917	501.172
23.5	541.049	531.587	518.238	502.354	496.440
24.0	537.501	527.869	514.013	497.792	491.540
24.5	533.952	524.152	509.620	493.061	486.809
25.0	530.235	520.434	505.396	488.330	481.909
25.5	526.348	516.379	501.003	483.429	476.671
26.0	522.631	512.493	496.271	478.529	471.601
26.5	518.914	508.437	491.878	473.629	466.363

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CANDELA TABULATION - (Cont.)

27.0	514.858	504.382	487.147	468.560	461.294
27.5	510.634	500.158	482.585	463.491	456.225
28.0	506.748	496.102	477.853	458.253	450.818
28.5	502.692	491.878	473.291	453.183	445.580
29.0	498.637	487.654	468.560	447.945	440.511
29.5	493.906	483.260	463.660	442.707	435.103
30.0	489.343	478.698	458.760	437.469	429.865
30.5	485.119	474.305	454.028	432.400	424.458
31.0	480.726	469.912	449.128	427.162	419.051
31.5	476.502	465.349	444.228	421.755	413.644
32.0	471.770	460.787	439.159	416.516	408.406
32.5	467.377	456.056	434.259	411.109	402.830
33.0	462.815	451.494	429.020	405.871	397.592
33.5	458.253	446.762	424.289	400.464	391.847
34.0	453.859	442.031	419.051	395.226	386.608
34.5	449.297	437.469	413.982	389.988	381.370
35.0	444.735	432.569	408.744	384.581	375.963
35.5	440.004	427.669	403.675	379.512	370.387
36.0	435.610	422.937	398.605	374.104	365.318
36.5	430.879	418.037	393.367	368.866	359.911
37.0	425.979	413.137	388.467	363.628	354.842
37.5	421.248	408.237	383.398	358.221	349.434
38.0	416.516	403.168	378.160	352.983	344.027
38.5	411.616	398.436	373.091	347.745	338.789
39.0	406.547	393.367	368.021	342.507	333.551
39.5	401.816	388.467	362.783	337.268	328.313
40.0	396.916	383.398	357.714	332.368	323.244
40.5	391.678	378.498	352.476	327.130	317.837
41.0	386.777	373.429	347.407	321.892	312.261
41.5	381.877	368.528	342.338	316.654	307.022
42.0	376.639	363.459	337.268	311.247	301.615
42.5	371.232	358.221	332.199	306.178	296.377
43.0	366.163	353.152	327.130	300.602	291.139
43.5	361.263	348.252	322.061	295.363	286.239
44.0	355.855	343.183	316.992	290.463	281.170
44.5	350.786	338.113	311.416	285.394	276.101
45.0	345.548	333.213	306.347	280.494	271.200
45.5	340.310	327.975	301.108	275.594	266.131
46.0	335.241	323.075	296.208	270.693	261.231
46.5	330.172	318.006	291.308	265.962	256.500
47.0	324.934	312.937	286.408	261.062	251.600
47.5	319.695	307.529	281.677	256.331	246.868
48.0	314.626	302.291	276.945	251.600	241.968
48.5	309.388	297.391	272.045	246.868	237.237
49.0	303.812	292.322	267.314	242.137	232.675
49.5	298.912	287.591	262.752	237.406	228.112
50.0	293.843	282.690	258.021	232.844	223.550
50.5	289.111	277.790	253.289	228.281	218.988
51.0	284.042	273.059	248.558	223.550	214.426
51.5	279.142	268.159	243.996	219.157	210.032
52.0	274.411	263.259	239.265	214.595	205.639
52.5	269.511	258.527	234.702	210.201	201.415
53.0	264.610	253.796	230.140	205.808	197.191
53.5	259.710	249.065	225.747	201.415	192.797
54.0	254.979	244.334	221.016	197.191	188.573
54.5	250.079	239.772	216.622	192.797	184.349

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CANDELA TABULATION - (Cont.)

55.0	245.348	235.040	212.060	188.742	180.124
55.5	240.447	230.478	207.667	184.349	176.069
56.0	235.547	225.747	203.274	180.293	172.014
56.5	230.816	221.185	198.880	176.238	168.212
57.0	225.916	216.622	194.318	172.183	164.207
57.5	221.185	212.229	190.094	168.127	160.304
58.0	216.453	207.667	185.700	164.140	156.468
58.5	211.722	203.105	181.307	160.203	152.633
59.0	206.991	198.711	177.083	156.333	148.831
59.5	202.260	194.318	172.859	152.464	145.130
60.0	197.697	189.925	168.600	148.577	141.447
60.5	193.135	185.531	164.478	144.792	137.763
61.0	188.573	181.307	160.270	141.041	134.147
61.5	184.180	176.914	156.181	137.256	130.582
62.0	179.617	172.521	152.058	133.640	127.135
62.5	175.224	168.347	148.070	130.007	123.620
63.0	170.831	164.173	144.099	126.391	120.173
63.5	166.522	160.000	140.129	122.741	116.692
64.0	162.332	155.860	136.259	119.227	113.347
64.5	158.006	151.720	132.356	115.729	110.018
65.0	153.815	147.665	128.520	112.231	106.774
65.5	149.659	143.559	124.651	108.801	103.462
66.0	145.519	139.487	120.917	105.456	100.217
66.5	141.413	135.465	117.165	102.059	96.939
67.0	137.256	131.477	113.465	98.697	93.796
67.5	133.099	127.490	109.815	95.452	90.654
68.0	129.112	123.569	106.131	92.191	87.477
68.5	125.039	119.683	102.532	88.981	84.419
69.0	121.001	115.797	98.967	85.787	81.377
69.5	117.081	111.927	95.486	82.627	78.420
70.0	113.110	108.075	91.938	79.535	75.429
70.5	109.190	104.290	88.457	76.460	72.540
71.0	105.270	100.538	85.077	73.469	69.617
71.5	101.434	96.753	81.698	70.495	66.795
72.0	97.615	93.070	78.352	67.538	63.973
72.5	93.813	89.420	75.024	64.649	61.236
73.0	90.113	85.821	71.762	61.742	58.549
73.5	86.412	82.171	68.552	58.971	55.862
74.0	82.779	78.589	65.375	56.183	53.192
74.5	79.180	75.074	62.232	53.480	50.658
75.0	75.632	71.610	59.106	50.759	48.140
75.5	72.151	68.214	56.082	48.174	45.639
76.0	68.755	64.852	53.125	45.589	43.223
76.5	65.342	61.489	50.168	43.105	40.857
77.0	62.114	58.211	47.329	40.621	38.509
77.5	58.836	54.984	44.507	38.222	36.211
78.0	55.575	51.807	41.719	35.873	34.031
78.5	52.348	48.664	39.049	33.592	31.817
79.0	49.272	45.639	36.430	31.344	29.688
79.5	46.248	42.564	33.879	29.097	27.610
80.0	43.240	39.624	31.344	26.985	25.599
80.5	40.249	36.701	28.877	24.890	23.605
81.0	37.360	33.862	26.512	22.896	21.713
81.5	34.504	31.108	24.197	20.919	19.837
82.0	31.750	28.320	22.000	18.992	17.979
82.5	29.063	25.684	19.837	17.117	16.204

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CANDELA TABULATION - (Cont.)

83.0	26.410	23.082	17.742	15.292	14.396
83.5	23.791	20.598	15.765	13.501	12.673
84.0	21.290	18.165	13.839	11.744	11.000
84.5	18.824	15.866	11.997	10.071	9.395
85.0	16.492	13.653	10.223	8.499	7.823
85.5	14.227	11.524	8.533	6.894	6.134
86.0	12.098	9.496	7.012	5.238	4.275
86.5	9.986	7.671	5.542	3.312	2.636
87.0	8.043	5.948	3.954	2.095	1.876
87.5	6.235	4.427	2.281	1.605	1.470
88.0	4.562	3.025	1.436	1.233	1.149
88.5	3.143	1.690	1.065	0.896	0.794
89.0	1.977	0.845	0.710	0.575	0.507
89.5	0.980	0.456	0.389	0.287	0.253
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-L8-930-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-L8-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	220.99	N.A.	16.50
0-30	453.00	N.A.	33.70
0-40	708.57	N.A.	52.80
0-60	1135.51	N.A.	84.50
0-80	1329.25	N.A.	99.00
0-90	1343.16	N.A.	100.00
10-90	1284.73	N.A.	95.60
20-40	487.57	N.A.	36.30
20-50	724.57	N.A.	53.90
40-70	555.68	N.A.	41.40
60-80	193.74	N.A.	14.40
70-80	65.00	N.A.	4.80
80-90	13.91	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	1343.16	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	58.43
10-20	162.57
20-30	232.01
30-40	255.57
40-50	237.00
50-60	189.95
60-70	128.74
70-80	65.00
80-90	13.91
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-L8-930-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-L8-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

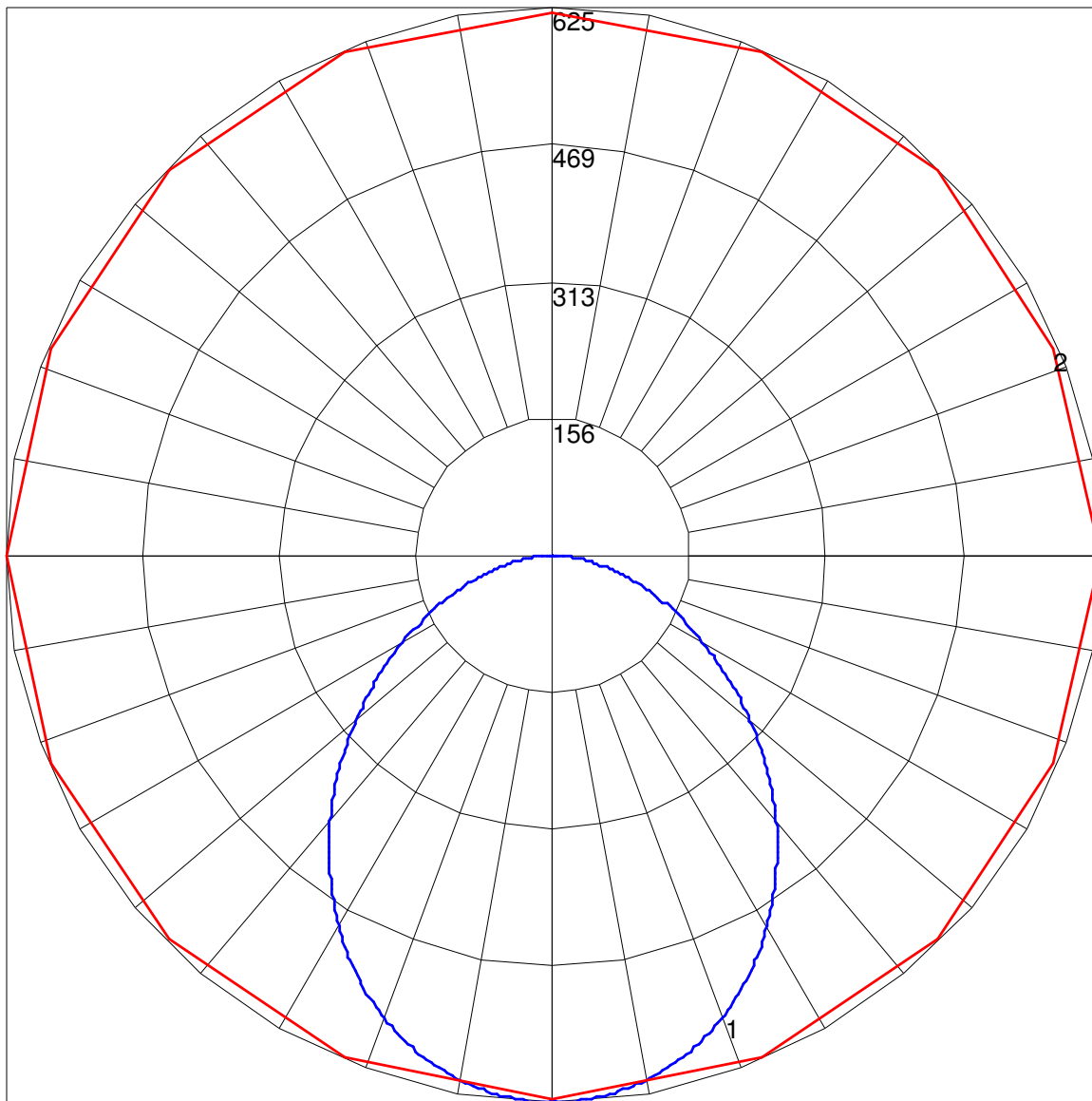
Reflectances

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	19.5	18.3	19.8	20.1	16.2	17.7	16.6	18.1	18.4
	3H	19.5	20.9	19.9	21.2	21.6	17.5	18.9	17.9	19.3	19.6
	4H	20.1	21.4	20.5	21.7	22.1	18.0	19.3	18.4	19.6	20.0
	6H	20.5	21.7	20.9	22.0	22.4	18.2	19.4	18.6	19.8	20.2
	8H	20.6	21.7	21.0	22.1	22.5	18.3	19.4	18.7	19.8	20.2
	12H	20.6	21.7	21.0	22.1	22.5	18.3	19.4	18.7	19.8	20.2
4H	2H	18.3	19.6	18.7	20.0	20.3	16.9	18.2	17.3	18.5	18.9
	3H	20.1	21.2	20.5	21.6	22.0	18.4	19.5	18.8	19.9	20.3
	4H	20.8	21.8	21.2	22.2	22.6	18.9	19.9	19.4	20.3	20.8
	6H	21.3	22.1	21.7	22.6	23.0	19.3	20.1	19.7	20.6	21.0
	8H	21.4	22.2	21.9	22.7	23.1	19.4	20.2	19.8	20.6	21.1
	12H	21.5	22.2	22.0	22.7	23.2	19.4	20.1	19.9	20.6	21.1
8H	4H	20.9	21.7	21.4	22.2	22.6	19.2	20.0	19.7	20.5	20.9
	6H	21.5	22.2	22.0	22.7	23.1	19.7	20.3	20.2	20.8	21.3
	8H	21.7	22.3	22.2	22.8	23.3	19.8	20.4	20.3	20.9	21.4
	12H	21.8	22.4	22.4	22.9	23.4	19.9	20.4	20.4	20.9	21.4
12H	4H	20.9	21.6	21.4	22.1	22.6	19.3	20.0	19.8	20.5	20.9
	6H	21.5	22.1	22.0	22.6	23.1	19.7	20.3	20.2	20.8	21.3
	8H	21.7	22.3	22.3	22.7	23.3	19.9	20.4	20.4	20.9	21.4

Maximum UGR = 23.4

POLAR GRAPH



Maximum Candela = 625.197 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.)