

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-950-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-L8-950-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	1458
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
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	7112	6305	5582
55	6225	5381	4570
65	5297	4426	3677
75	4253	3324	2707
85	2754	1707	1306

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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	675.267	675.267	675.267	675.267	675.267
0.5	678.568	673.799	675.450	674.900	674.533
1.0	678.384	673.616	675.267	674.716	674.350
1.5	678.201	673.249	675.083	674.350	673.983
2.0	677.834	673.066	674.533	673.616	673.799
2.5	677.651	672.699	674.166	673.249	673.066
3.0	677.101	672.149	673.616	672.332	672.149
3.5	676.734	671.599	672.882	671.599	671.232
4.0	675.817	670.865	672.149	670.682	670.132
4.5	675.450	670.132	671.232	669.581	668.848
5.0	674.533	669.398	670.132	668.481	667.747
5.5	674.166	668.298	669.031	667.014	666.097
6.0	672.516	667.381	667.747	665.547	664.630
6.5	671.599	666.464	666.280	663.896	662.796
7.0	670.498	665.180	664.996	662.245	661.145
7.5	669.398	663.896	663.346	660.412	659.128
8.0	668.114	662.429	661.879	658.394	656.927
8.5	666.830	661.145	660.228	656.193	654.726
9.0	665.363	659.678	658.211	653.993	652.525
9.5	663.713	657.844	656.377	651.608	649.958
10.0	662.429	656.193	654.176	649.408	647.574
10.5	660.412	654.359	652.159	647.024	645.006
11.0	658.578	652.525	649.774	644.273	642.439
11.5	656.744	650.508	647.390	641.522	639.321
12.0	654.726	648.491	645.006	638.587	636.387
12.5	652.342	646.107	642.439	635.653	633.085
13.0	650.325	643.906	639.688	632.535	629.968
13.5	648.307	641.522	636.937	629.417	626.850
14.0	645.740	639.137	634.186	625.933	623.182
14.5	643.539	636.387	631.068	622.632	619.697
15.0	640.971	633.819	627.950	619.147	616.030
15.5	638.404	631.068	624.833	615.479	612.362
16.0	635.653	628.317	621.531	611.811	608.327
16.5	633.085	625.566	618.230	607.960	604.476
17.0	630.151	622.448	614.746	604.109	600.257
17.5	627.400	619.331	611.445	600.074	596.039
18.0	624.282	616.396	607.777	596.039	591.821
18.5	621.531	613.095	604.109	591.821	587.236
19.0	618.230	609.794	600.257	587.420	582.651
19.5	615.113	606.493	596.406	583.201	578.066
20.0	611.811	603.008	592.371	578.800	573.481
20.5	608.510	599.524	588.337	574.215	568.713
21.0	605.026	596.039	584.302	569.630	563.761
21.5	601.725	592.188	580.084	564.862	558.993
22.0	598.057	588.520	575.682	560.094	554.225
22.5	594.389	584.669	571.281	555.325	549.090
23.0	590.904	581.001	567.063	550.190	543.955
23.5	587.236	576.966	562.478	545.238	538.819
24.0	583.385	572.931	557.893	540.287	533.501
24.5	579.534	568.897	553.124	535.152	528.366
25.0	575.499	564.862	548.540	530.016	523.047
25.5	571.281	560.460	543.771	524.698	517.362
26.0	567.246	556.242	538.636	519.379	511.860
26.5	563.211	551.841	533.868	514.061	506.175

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CANDELA TABULATION - (Cont.)

27.0	558.810	547.439	528.733	508.559	500.673
27.5	554.225	542.854	523.781	503.057	495.171
28.0	550.007	538.453	518.646	497.372	489.302
28.5	545.605	533.868	513.694	491.870	483.617
29.0	541.204	529.283	508.559	486.185	478.115
29.5	536.069	524.515	503.241	480.499	472.246
30.0	531.117	519.563	497.922	474.814	466.561
30.5	526.532	514.795	492.787	469.312	460.693
31.0	521.764	510.026	487.468	463.627	454.824
31.5	517.179	505.075	482.150	457.758	448.955
32.0	512.044	500.123	476.648	452.073	443.270
32.5	507.275	494.988	471.330	446.204	437.218
33.0	502.324	490.036	465.644	440.519	431.532
33.5	497.372	484.901	460.509	434.650	425.297
34.0	492.604	479.766	454.824	428.965	419.612
34.5	487.652	474.814	449.322	423.280	413.926
35.0	482.700	469.496	443.637	417.411	408.058
35.5	477.565	464.177	438.135	411.909	402.006
36.0	472.797	459.042	432.633	406.040	396.504
36.5	467.662	453.723	426.948	400.355	390.635
37.0	462.343	448.405	421.629	394.670	385.133
37.5	457.208	443.086	416.127	388.801	379.264
38.0	452.073	437.585	410.442	383.116	373.396
38.5	446.754	432.449	404.940	377.430	367.710
39.0	441.252	426.948	399.438	371.745	362.025
39.5	436.117	421.629	393.753	366.060	356.340
40.0	430.799	416.127	388.251	360.741	350.838
40.5	425.114	410.809	382.566	355.056	344.969
41.0	419.795	405.307	377.064	349.371	338.917
41.5	414.477	399.988	371.562	343.685	333.232
42.0	408.791	394.486	366.060	337.817	327.363
42.5	402.923	388.801	360.558	332.315	321.678
43.0	397.421	383.299	355.056	326.263	315.993
43.5	392.102	377.981	349.554	320.577	310.674
44.0	386.233	372.479	344.052	315.259	305.172
44.5	380.732	366.977	338.000	309.757	299.670
45.0	375.046	361.658	332.498	304.439	294.352
45.5	369.361	355.973	326.813	299.120	288.850
46.0	363.859	350.654	321.494	293.802	283.531
46.5	358.357	345.153	316.176	288.666	278.396
47.0	352.672	339.651	310.857	283.348	273.078
47.5	346.987	333.782	305.722	278.213	267.943
48.0	341.485	328.097	300.587	273.078	262.624
48.5	335.799	322.778	295.269	267.943	257.489
49.0	329.747	317.276	290.134	262.807	252.537
49.5	324.429	312.141	285.182	257.672	247.586
50.0	318.927	306.823	280.047	252.721	242.634
50.5	313.792	301.504	274.912	247.769	237.682
51.0	308.290	296.369	269.777	242.634	232.730
51.5	302.971	291.051	264.825	237.866	227.962
52.0	297.836	285.732	259.690	232.914	223.194
52.5	292.518	280.597	254.738	228.145	218.609
53.0	287.199	275.462	249.786	223.377	214.024
53.5	281.881	270.327	245.018	218.609	209.256
54.0	276.746	265.192	239.883	214.024	204.671
54.5	271.427	260.240	235.115	209.256	200.086

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CANDELA TABULATION - (Cont.)

55.0	266.292	255.105	230.163	204.854	195.501
55.5	260.973	250.153	225.395	200.086	191.099
56.0	255.655	245.018	220.626	195.684	186.698
56.5	250.520	240.066	215.858	191.283	182.571
57.0	245.201	235.115	210.906	186.881	178.225
57.5	240.066	230.346	206.321	182.480	173.988
58.0	234.931	225.395	201.553	178.152	169.825
58.5	229.796	220.443	196.785	173.878	165.662
59.0	224.661	215.675	192.200	169.679	161.536
59.5	219.526	210.906	187.615	165.479	157.519
60.0	214.574	206.138	182.993	161.261	153.521
60.5	209.622	201.370	178.518	157.153	149.523
61.0	204.671	196.785	173.952	153.081	145.599
61.5	199.902	192.016	169.514	148.973	141.729
62.0	194.951	187.248	165.039	145.048	137.988
62.5	190.182	182.718	160.711	141.105	134.173
63.0	185.414	178.188	156.401	137.181	130.432
63.5	180.737	173.658	152.091	133.219	126.654
64.0	176.189	169.165	147.891	129.405	123.023
64.5	171.494	164.672	143.655	125.608	119.410
65.0	166.946	160.270	139.492	121.812	115.888
65.5	162.434	155.814	135.292	118.089	112.294
66.0	157.941	151.394	131.239	114.458	108.773
66.5	153.485	147.029	127.167	110.772	105.215
67.0	148.973	142.701	123.151	107.122	101.804
67.5	144.462	138.373	119.190	103.601	98.392
68.0	140.133	134.118	115.191	100.061	94.944
68.5	135.714	129.900	111.285	96.577	91.625
69.0	131.330	125.682	107.415	93.111	88.324
69.5	127.076	121.482	103.637	89.681	85.114
70.0	122.766	117.301	99.786	86.325	81.868
70.5	118.511	113.192	96.008	82.987	78.732
71.0	114.256	109.121	92.340	79.741	75.559
71.5	110.093	105.013	88.672	76.513	72.497
72.0	105.948	101.015	85.041	73.304	69.434
72.5	101.822	97.054	81.428	70.168	66.463
73.0	97.805	93.147	77.889	67.013	63.547
73.5	93.789	89.186	74.404	64.005	60.631
74.0	89.846	85.298	70.956	60.979	57.733
74.5	85.940	81.483	67.545	58.045	54.982
75.0	82.088	77.724	64.152	55.092	52.250
75.5	78.310	74.037	60.869	52.286	49.535
76.0	74.624	70.388	57.660	49.480	46.913
76.5	70.920	66.738	54.450	46.784	44.345
77.0	67.417	63.180	51.369	44.089	41.796
77.5	63.859	59.677	48.307	41.484	39.302
78.0	60.319	56.229	45.281	38.935	36.936
78.5	56.816	52.818	42.383	36.459	34.534
79.0	53.478	49.535	39.540	34.020	32.223
79.5	50.196	46.198	36.771	31.581	29.967
80.0	46.931	43.007	34.020	29.288	27.785
80.5	43.685	39.834	31.342	27.014	25.621
81.0	40.549	36.753	28.775	24.850	23.566
81.5	37.450	33.763	26.262	22.705	21.531
82.0	34.460	30.737	23.878	20.614	19.513
82.5	31.544	27.876	21.531	18.578	17.588

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CANDELA TABULATION - (Cont.)

83.0	28.665	25.052	19.257	16.597	15.625
83.5	25.822	22.356	17.111	14.653	13.755
84.0	23.108	19.715	15.020	12.746	11.939
84.5	20.430	17.221	13.021	10.930	10.197
85.0	17.900	14.818	11.096	9.225	8.491
85.5	15.442	12.508	9.262	7.483	6.657
86.0	13.131	10.307	7.611	5.685	4.640
86.5	10.839	8.326	6.015	3.595	2.861
87.0	8.730	6.456	4.291	2.274	2.036
87.5	6.767	4.805	2.476	1.742	1.596
88.0	4.952	3.283	1.559	1.339	1.247
88.5	3.411	1.834	1.155	0.972	0.862
89.0	2.146	0.917	0.770	0.624	0.550
89.5	1.064	0.495	0.422	0.312	0.275
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-L8-950-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-L8-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	239.86	N.A.	16.50
0-30	491.67	N.A.	33.70
0-40	769.06	N.A.	52.80
0-60	1232.45	N.A.	84.50
0-80	1442.72	N.A.	99.00
0-90	1457.82	N.A.	100.00
10-90	1394.4	N.A.	95.60
20-40	529.20	N.A.	36.30
20-50	786.43	N.A.	53.90
40-70	603.12	N.A.	41.40
60-80	210.28	N.A.	14.40
70-80	70.55	N.A.	4.80
80-90	15.10	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	1457.82	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	63.42
10-20	176.44
20-30	251.81
30-40	277.39
40-50	257.23
50-60	206.16
60-70	139.73
70-80	70.55
80-90	15.10
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-L8-950-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	51	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-L8-950-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

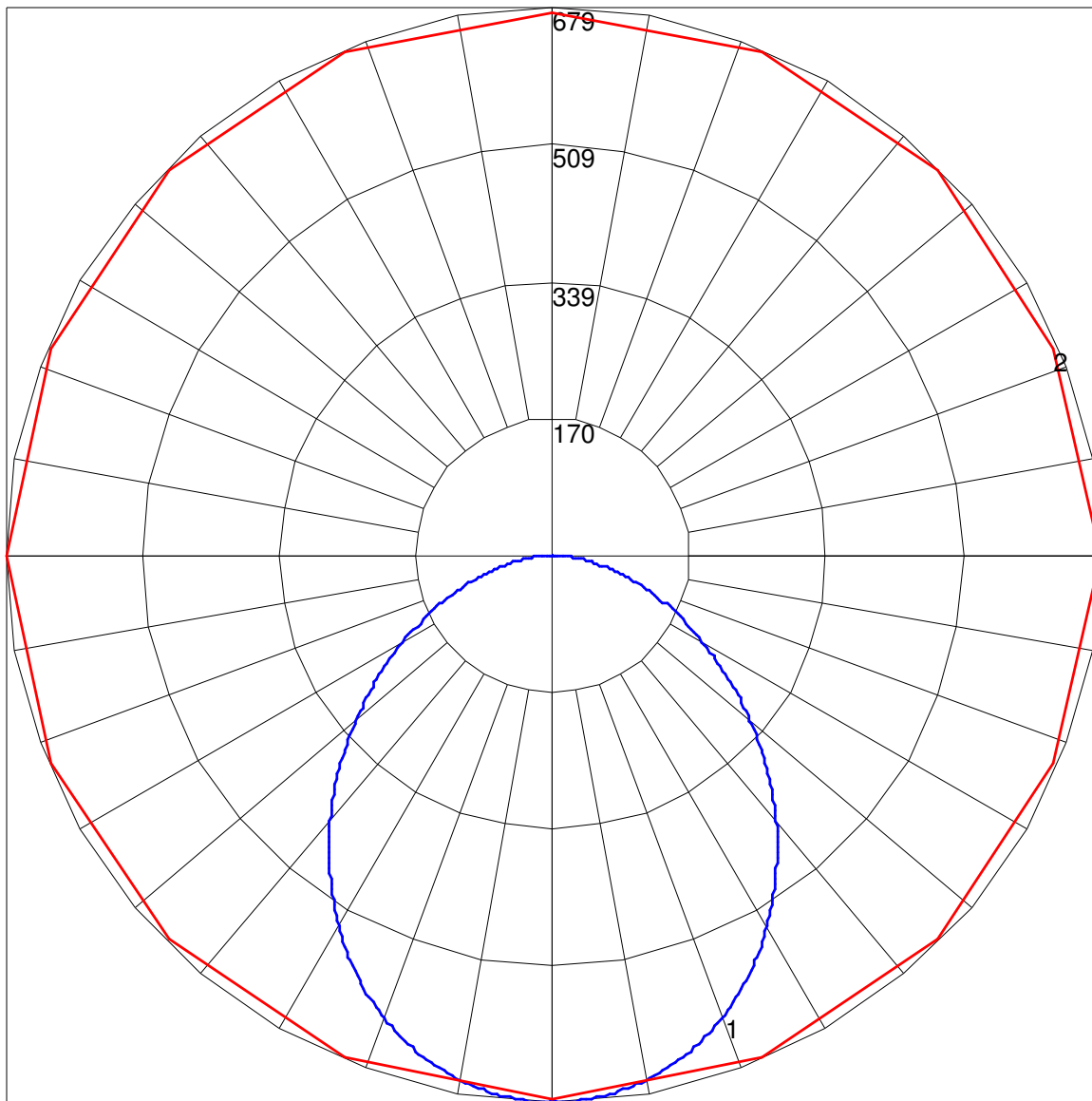
X=2H	Y=2H	18.2	19.8	18.6	20.1	20.4	16.5	18.0	16.9	18.4	18.7
	3H	19.8	21.2	20.2	21.5	21.9	17.8	19.2	18.2	19.6	19.9
	4H	20.4	21.7	20.8	22.0	22.4	18.3	19.6	18.7	19.9	20.3
	6H	20.8	22.0	21.2	22.3	22.7	18.5	19.7	18.9	20.1	20.5
	8H	20.9	22.0	21.3	22.4	22.8	18.6	19.7	19.0	20.1	20.5
	12H	20.9	22.0	21.3	22.4	22.8	18.6	19.7	19.0	20.1	20.5

UGR Viewed Endwise

4H	2H	18.6	19.9	19.0	20.3	20.6	17.2	18.5	17.6	18.8	19.2
	3H	20.4	21.5	20.8	21.9	22.3	18.7	19.8	19.1	20.2	20.6
	4H	21.1	22.1	21.5	22.5	22.9	19.2	20.2	19.7	20.6	21.1
	6H	21.6	22.4	22.0	22.9	23.3	19.6	20.4	20.0	20.9	21.3
	8H	21.7	22.5	22.2	23.0	23.4	19.7	20.5	20.1	20.9	21.4
	12H	21.8	22.5	22.3	23.0	23.5	19.7	20.4	20.2	20.9	21.4
8H	4H	21.2	22.0	21.7	22.5	22.9	19.5	20.3	20.0	20.8	21.2
	6H	21.8	22.5	22.3	22.9	23.4	20.0	20.6	20.5	21.1	21.6
	8H	22.0	22.6	22.5	23.1	23.6	20.1	20.7	20.6	21.2	21.7
	12H	22.1	22.7	22.7	23.2	23.7	20.2	20.7	20.7	21.2	21.7
12H	4H	21.2	21.9	21.7	22.4	22.9	19.6	20.3	20.1	20.8	21.2
	6H	21.8	22.4	22.3	22.9	23.4	20.0	20.6	20.5	21.1	21.6
	8H	22.0	22.6	22.5	23.0	23.6	20.2	20.7	20.7	21.2	21.7

Maximum UGR = 23.7

POLAR GRAPH



Maximum Candela = 678.568 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.)