

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-935-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-L8-935-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	1360
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
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	6632	5880	5205
55	5806	5018	4262
65	4940	4127	3429
75	3966	3099	2524
85	2568	1592	1218

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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	629.743	629.743	629.743	629.743	629.743
0.5	632.821	628.375	629.914	629.401	629.059
1.0	632.650	628.203	629.743	629.230	628.888
1.5	632.479	627.861	629.572	628.888	628.546
2.0	632.137	627.690	629.059	628.203	628.375
2.5	631.966	627.348	628.717	627.861	627.690
3.0	631.453	626.835	628.203	627.006	626.835
3.5	631.111	626.322	627.519	626.322	625.980
4.0	630.256	625.638	626.835	625.467	624.954
4.5	629.914	624.954	625.980	624.441	623.757
5.0	629.059	624.270	624.954	623.415	622.730
5.5	628.717	623.244	623.928	622.046	621.191
6.0	627.177	622.388	622.730	620.678	619.823
6.5	626.322	621.533	621.362	619.139	618.113
7.0	625.296	620.336	620.165	617.599	616.573
7.5	624.270	619.139	618.626	615.889	614.692
8.0	623.072	617.770	617.257	614.008	612.639
8.5	621.875	616.573	615.718	611.955	610.587
9.0	620.507	615.205	613.837	609.903	608.535
9.5	618.968	613.495	612.126	607.680	606.140
10.0	617.770	611.955	610.074	605.627	603.917
10.5	615.889	610.245	608.193	603.404	601.522
11.0	614.179	608.535	605.969	600.838	599.128
11.5	612.468	606.653	603.746	598.273	596.220
12.0	610.587	604.772	601.522	595.536	593.484
12.5	608.364	602.549	599.128	592.800	590.405
13.0	606.482	600.496	596.562	589.892	587.498
13.5	604.601	598.273	593.997	586.985	584.590
14.0	602.206	596.049	591.431	583.735	581.169
14.5	600.154	593.484	588.524	580.656	577.920
15.0	597.760	591.089	585.616	577.407	574.499
15.5	595.365	588.524	582.709	573.986	571.079
16.0	592.800	585.958	579.630	570.565	567.316
16.5	590.405	583.393	576.552	566.974	563.724
17.0	587.669	580.485	573.302	563.382	559.790
17.5	585.103	577.578	570.223	559.619	555.857
18.0	582.196	574.841	566.803	555.857	551.923
18.5	579.630	571.763	563.382	551.923	547.647
19.0	576.552	568.684	559.790	547.818	543.371
19.5	573.644	565.605	556.199	543.884	539.095
20.0	570.565	562.356	552.436	539.780	534.820
20.5	567.487	559.106	548.673	535.504	530.373
21.0	564.237	555.857	544.911	531.228	525.755
21.5	561.159	552.265	540.977	526.781	521.308
22.0	557.738	548.844	536.872	522.334	516.861
22.5	554.317	545.253	532.767	517.887	512.072
23.0	551.068	541.832	528.833	513.098	507.283
23.5	547.647	538.069	524.558	508.481	502.494
24.0	544.055	534.306	520.282	503.863	497.534
24.5	540.464	530.544	515.835	499.074	492.746
25.0	536.701	526.781	511.559	494.285	487.786
25.5	532.767	522.676	507.112	489.325	482.484
26.0	529.004	518.742	502.323	484.365	477.353
26.5	525.242	514.638	497.876	479.405	472.051

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CANDELA TABULATION - (Cont.)

27.0	521.137	510.533	493.088	474.274	466.920
27.5	516.861	506.257	488.470	469.143	461.789
28.0	512.927	502.152	483.681	463.841	456.316
28.5	508.823	497.876	479.063	458.710	451.013
29.0	504.718	493.601	474.274	453.408	445.883
29.5	499.929	489.154	469.314	448.106	440.409
30.0	495.311	484.536	464.354	442.804	435.107
30.5	491.035	480.089	459.565	437.673	429.634
31.0	486.588	475.642	454.605	432.371	424.161
31.5	482.312	471.024	449.645	426.898	418.688
32.0	477.524	466.406	444.514	421.596	413.386
32.5	473.077	461.618	439.554	416.123	407.742
33.0	468.459	457.000	434.252	410.821	402.440
33.5	463.841	452.211	429.463	405.348	396.625
34.0	459.394	447.422	424.161	400.046	391.323
34.5	454.776	442.804	419.030	394.744	386.021
35.0	450.158	437.844	413.728	389.271	380.548
35.5	445.369	432.884	408.597	384.140	374.904
36.0	440.923	428.095	403.466	378.667	369.773
36.5	436.134	423.135	398.164	373.365	364.300
37.0	431.174	418.175	393.204	368.063	359.169
37.5	426.385	413.215	388.073	362.590	353.696
38.0	421.596	408.084	382.771	357.288	348.223
38.5	416.636	403.295	377.640	351.986	342.921
39.0	411.505	398.164	372.509	346.683	337.619
39.5	406.716	393.204	367.207	341.381	332.317
40.0	401.756	388.073	362.076	336.422	327.186
40.5	396.454	383.113	356.774	331.120	321.713
41.0	391.494	377.982	351.643	325.817	316.069
41.5	386.534	373.023	346.512	320.515	310.767
42.0	381.232	367.892	341.381	315.042	305.294
42.5	375.759	362.590	336.250	309.911	299.992
43.0	370.628	357.459	331.120	304.267	294.690
43.5	365.668	352.499	325.989	298.965	289.730
44.0	360.195	347.368	320.858	294.005	284.599
44.5	355.064	342.237	315.213	288.874	279.468
45.0	349.762	337.277	310.082	283.914	274.508
45.5	344.460	331.975	304.780	278.954	269.377
46.0	339.329	327.015	299.821	273.995	264.417
46.5	334.198	321.884	294.861	269.206	259.628
47.0	328.896	316.753	289.901	264.246	254.668
47.5	323.594	311.280	285.112	259.457	249.879
48.0	318.463	305.978	280.323	254.668	244.919
48.5	313.161	301.018	275.363	249.879	240.130
49.0	307.517	295.887	270.574	245.090	235.512
49.5	302.557	291.098	265.956	240.301	230.894
50.0	297.426	286.138	261.167	235.683	226.276
50.5	292.637	281.178	256.378	231.065	221.659
51.0	287.506	276.389	251.589	226.276	217.041
51.5	282.546	271.429	246.971	221.830	212.594
52.0	277.757	266.469	242.182	217.212	208.147
52.5	272.797	261.680	237.565	212.765	203.871
53.0	267.837	256.891	232.947	208.318	199.595
53.5	262.877	252.102	228.500	203.871	195.148
54.0	258.088	247.313	223.711	199.595	190.873
54.5	253.129	242.696	219.264	195.148	186.597

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CANDELA TABULATION - (Cont.)

55.0	248.340	237.907	214.646	191.044	182.321
55.5	243.380	233.289	210.199	186.597	178.216
56.0	238.420	228.500	205.752	182.492	174.111
56.5	233.631	223.882	201.306	178.387	170.263
57.0	228.671	219.264	196.688	174.282	166.210
57.5	223.882	214.817	192.412	170.178	162.259
58.0	219.093	210.199	187.965	166.141	158.376
58.5	214.304	205.581	183.518	162.156	154.494
59.0	209.515	201.135	179.242	158.240	150.646
59.5	204.726	196.688	174.967	154.323	146.900
60.0	200.108	192.241	170.657	150.389	143.172
60.5	195.490	187.794	166.483	146.558	139.443
61.0	190.873	183.518	162.225	142.761	135.783
61.5	186.426	179.071	158.086	138.930	132.174
62.0	181.808	174.624	153.912	135.270	128.685
62.5	177.361	170.400	149.876	131.593	125.128
63.0	172.914	166.175	145.857	127.933	121.639
63.5	168.553	161.951	141.838	124.238	118.115
64.0	164.311	157.761	137.921	120.681	114.729
64.5	159.933	153.570	133.970	117.140	111.359
65.0	155.691	149.466	130.088	113.600	108.076
65.5	151.484	145.309	126.171	110.128	104.723
66.0	147.293	141.188	122.391	106.742	101.440
66.5	143.137	137.117	118.594	103.304	98.122
67.0	138.930	133.081	114.849	99.900	94.940
67.5	134.723	129.044	111.154	96.616	91.759
68.0	130.686	125.076	107.426	93.315	88.544
68.5	126.564	121.143	103.783	90.066	85.448
69.0	122.477	117.209	100.174	86.833	82.369
69.5	118.509	113.292	96.651	83.635	79.376
70.0	114.489	109.393	93.059	80.505	76.349
70.5	110.521	105.561	89.536	77.392	73.424
71.0	106.553	101.765	86.115	74.365	70.466
71.5	102.671	97.933	82.694	71.355	67.609
72.0	98.806	94.205	79.308	68.362	64.753
72.5	94.957	90.511	75.939	65.437	61.982
73.0	91.212	86.868	72.638	62.495	59.263
73.5	87.466	83.173	69.388	59.690	56.543
74.0	83.789	79.547	66.173	56.868	53.841
74.5	80.146	75.990	62.991	54.132	51.276
75.0	76.554	72.484	59.827	51.378	48.727
75.5	73.031	69.046	56.766	48.761	46.196
76.0	69.593	65.642	53.773	46.145	43.750
76.5	66.138	62.239	50.780	43.630	41.356
77.0	62.872	58.921	47.906	41.116	38.978
77.5	59.554	55.654	45.050	38.688	36.652
78.0	56.253	52.439	42.228	36.310	34.446
78.5	52.986	49.257	39.526	34.001	32.205
79.0	49.873	46.196	36.875	31.727	30.050
79.5	46.812	43.083	34.292	29.452	27.947
80.0	43.767	40.107	31.727	27.314	25.911
80.5	40.740	37.148	29.230	25.193	23.893
81.0	37.815	34.275	26.835	23.175	21.978
81.5	34.925	31.487	24.492	21.174	20.079
82.0	32.137	28.665	22.268	19.224	18.198
82.5	29.418	25.997	20.079	17.326	16.402

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CANDELA TABULATION - (Cont.)

83.0	26.732	23.363	17.958	15.478	14.572
83.5	24.081	20.849	15.957	13.666	12.827
84.0	21.550	18.386	14.008	11.887	11.134
84.5	19.053	16.060	12.143	10.194	9.509
85.0	16.693	13.819	10.347	8.603	7.919
85.5	14.401	11.664	8.637	6.978	6.208
86.0	12.246	9.612	7.098	5.302	4.327
86.5	10.108	7.765	5.610	3.352	2.668
87.0	8.141	6.020	4.002	2.121	1.898
87.5	6.311	4.481	2.309	1.625	1.488
88.0	4.618	3.061	1.454	1.249	1.163
88.5	3.181	1.710	1.078	0.906	0.804
89.0	2.001	0.855	0.718	0.582	0.513
89.5	0.992	0.462	0.393	0.291	0.257
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-L8-935-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-L8-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	223.69	N.A.	16.50
0-30	458.52	N.A.	33.70
0-40	717.21	N.A.	52.80
0-60	1149.36	N.A.	84.50
0-80	1345.46	N.A.	99.00
0-90	1359.54	N.A.	100.00
10-90	1300.4	N.A.	95.60
20-40	493.52	N.A.	36.30
20-50	733.41	N.A.	53.90
40-70	562.46	N.A.	41.40
60-80	196.10	N.A.	14.40
70-80	65.79	N.A.	4.80
80-90	14.08	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	1359.54	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	59.14
10-20	164.55
20-30	234.83
30-40	258.69
40-50	239.89
50-60	192.26
60-70	130.31
70-80	65.79
80-90	14.08
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-L8-935-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	55	51	60	54	50	48
6	73	60	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	46	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-L8-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

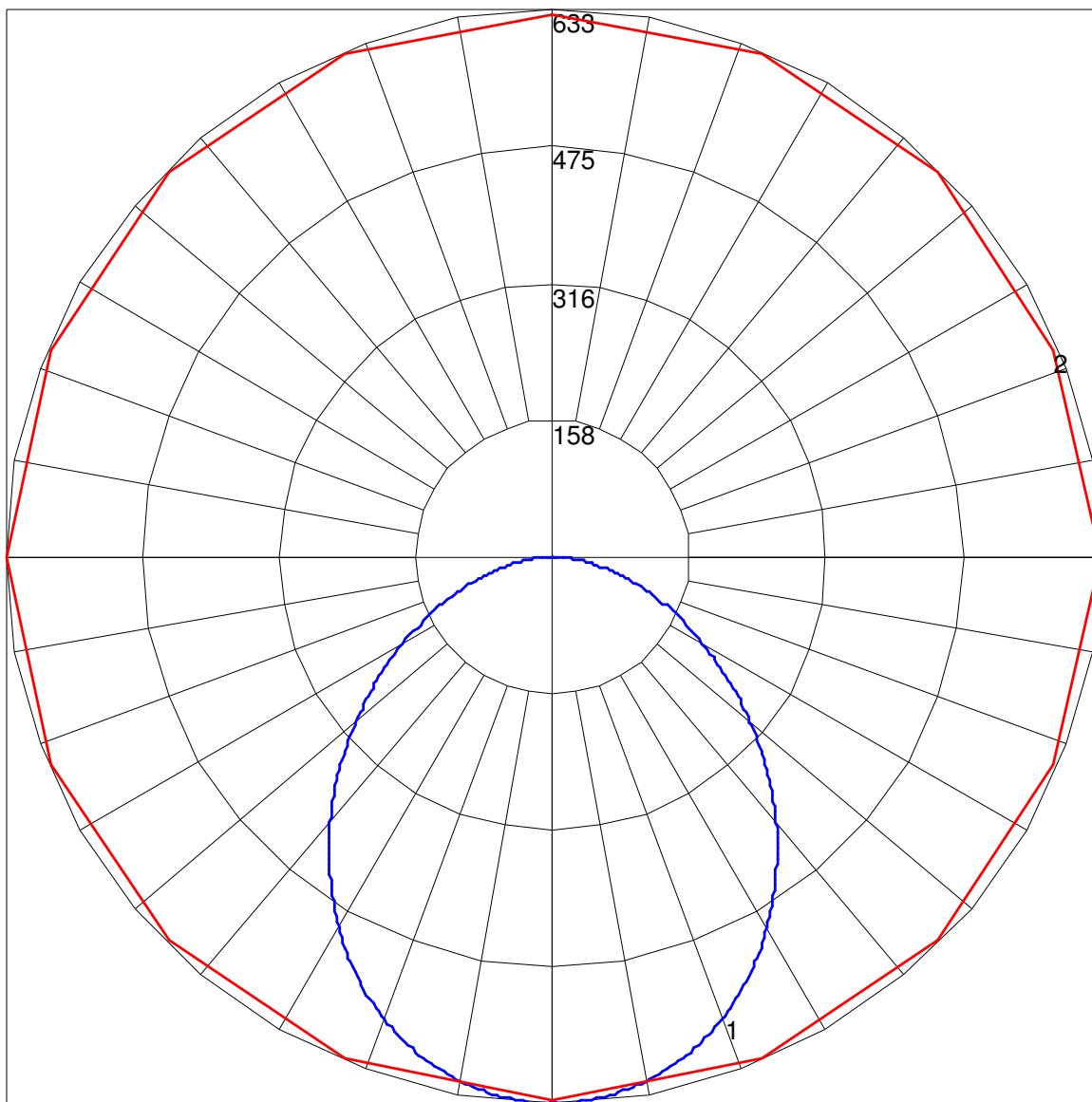
Reflectances

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	18.0	19.6	18.4	19.9	20.2	16.3	17.8	16.7	18.2	18.5
	3H	19.6	21.0	20.0	21.3	21.7	17.6	19.0	18.0	19.4	19.7
	4H	20.2	21.5	20.6	21.8	22.2	18.1	19.4	18.5	19.7	20.1
	6H	20.6	21.7	21.0	22.1	22.5	18.3	19.5	18.7	19.9	20.3
	8H	20.6	21.8	21.1	22.2	22.6	18.4	19.5	18.8	19.9	20.3
	12H	20.7	21.8	21.1	22.2	22.6	18.4	19.5	18.8	19.9	20.3
4H	2H	18.4	19.7	18.8	20.1	20.4	17.0	18.3	17.4	18.6	19.0
	3H	20.2	21.3	20.6	21.7	22.1	18.5	19.6	18.9	20.0	20.4
	4H	20.9	21.9	21.3	22.3	22.7	19.0	20.0	19.5	20.4	20.9
	6H	21.4	22.2	21.8	22.7	23.1	19.4	20.2	19.8	20.7	21.1
	8H	21.5	22.3	22.0	22.8	23.2	19.5	20.3	19.9	20.7	21.2
	12H	21.6	22.3	22.1	22.8	23.3	19.5	20.2	20.0	20.7	21.2
8H	4H	21.0	21.8	21.5	22.2	22.7	19.3	20.1	19.8	20.6	21.0
	6H	21.6	22.3	22.1	22.7	23.2	19.8	20.4	20.3	20.9	21.4
	8H	21.8	22.4	22.3	22.9	23.4	19.9	20.5	20.4	21.0	21.5
	12H	21.9	22.5	22.5	23.0	23.5	20.0	20.5	20.5	21.0	21.5
12H	4H	21.0	21.7	21.5	22.2	22.7	19.4	20.1	19.9	20.6	21.0
	6H	21.6	22.2	22.1	22.7	23.2	19.8	20.4	20.3	20.9	21.4
	8H	21.8	22.4	22.3	22.8	23.4	20.0	20.5	20.5	21.0	21.5

Maximum UGR = 23.5

POLAR GRAPH



Maximum Candela = 632.821 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.)