

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-835-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-L8-835-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	1638
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
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	7991	7084	6272
55	6995	6046	5135
65	5952	4973	4131
75	4778	3734	3042
85	3094	1918	1468

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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	758.727	758.727	758.727	758.727	758.727
0.5	762.436	757.078	758.933	758.314	757.902
1.0	762.230	756.872	758.727	758.108	757.696
1.5	762.024	756.460	758.520	757.696	757.284
2.0	761.611	756.254	757.902	756.872	757.078
2.5	761.405	755.842	757.490	756.460	756.254
3.0	760.787	755.223	756.872	755.430	755.223
3.5	760.375	754.605	756.048	754.605	754.193
4.0	759.345	753.781	755.223	753.575	752.957
4.5	758.933	752.957	754.193	752.339	751.514
5.0	757.902	752.133	752.957	751.102	750.278
5.5	757.490	750.896	751.720	749.454	748.423
6.0	755.636	749.866	750.278	747.805	746.775
6.5	754.605	748.835	748.629	745.951	744.714
7.0	753.369	747.393	747.187	744.096	742.860
7.5	752.133	745.951	745.332	742.035	740.593
8.0	750.690	744.302	743.684	739.769	738.120
8.5	749.248	742.860	741.829	737.296	735.647
9.0	747.599	741.211	739.563	734.823	733.175
9.5	745.745	739.151	737.502	732.144	730.290
10.0	744.302	737.296	735.029	729.672	727.611
10.5	742.035	735.235	732.763	726.993	724.726
11.0	739.975	733.175	730.084	723.902	721.841
11.5	737.914	730.908	727.405	720.811	718.338
12.0	735.647	728.641	724.726	717.514	715.041
12.5	732.969	725.962	721.841	714.217	711.332
13.0	730.702	723.490	718.750	710.714	707.829
13.5	728.435	720.811	715.659	707.211	704.326
14.0	725.550	718.132	712.568	703.295	700.204
14.5	723.078	715.041	709.065	699.586	696.289
15.0	720.193	712.156	705.562	695.671	692.168
15.5	717.308	709.065	702.059	691.550	688.047
16.0	714.217	705.974	698.350	687.429	683.513
16.5	711.332	702.883	694.641	683.101	679.186
17.0	708.035	699.380	690.726	678.774	674.446
17.5	704.944	695.877	687.016	674.240	669.707
18.0	701.441	692.580	682.895	669.707	664.968
18.5	698.350	688.871	678.774	664.968	659.816
19.0	694.641	685.162	674.446	660.022	654.664
19.5	691.138	681.453	670.119	655.283	649.513
20.0	687.429	677.537	665.586	650.337	644.361
20.5	683.719	673.622	661.052	645.185	639.004
21.0	679.804	669.707	656.519	640.034	633.440
21.5	676.095	665.380	651.779	634.676	628.082
22.0	671.974	661.258	646.834	629.319	622.725
22.5	667.852	656.931	641.888	623.961	616.955
23.0	663.937	652.810	637.149	618.191	611.185
23.5	659.816	648.276	631.997	612.627	605.415
24.0	655.489	643.743	626.846	607.064	599.439
24.5	651.161	639.210	621.488	601.294	593.670
25.0	646.628	634.676	616.337	595.524	587.694
25.5	641.888	629.731	610.979	589.548	581.306
26.0	637.355	624.991	605.209	583.572	575.124
26.5	632.822	620.046	599.851	577.597	568.736

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CANDELA TABULATION - (Cont.)

27.0	627.876	615.100	594.082	571.415	562.554
27.5	622.725	609.949	588.518	565.233	556.372
28.0	617.985	605.003	582.748	558.845	549.778
28.5	613.040	599.851	577.184	552.663	543.390
29.0	608.094	594.700	571.415	546.275	537.208
29.5	602.324	589.342	565.439	539.887	530.614
30.0	596.760	583.778	559.463	533.499	524.226
30.5	591.609	578.421	553.693	527.317	517.632
31.0	586.251	573.063	547.717	520.929	511.038
31.5	581.100	567.499	541.741	514.335	504.444
32.0	575.330	561.936	535.560	507.947	498.056
32.5	569.972	556.166	529.584	501.353	491.256
33.0	564.408	550.602	523.196	494.965	484.868
33.5	558.845	544.832	517.426	488.371	477.862
34.0	553.487	539.063	511.038	481.983	471.474
34.5	547.923	533.499	504.856	475.595	465.086
35.0	542.360	527.523	498.468	469.001	458.492
35.5	536.590	521.547	492.286	462.819	451.692
36.0	531.232	515.777	486.104	456.225	445.510
36.5	525.462	509.802	479.716	449.837	438.916
37.0	519.487	503.826	473.740	443.449	432.734
37.5	513.717	497.850	467.559	436.855	426.140
38.0	507.947	491.668	461.171	430.467	419.546
38.5	501.971	485.898	454.989	424.079	413.158
39.0	495.789	479.716	448.807	417.691	406.770
39.5	490.019	473.740	442.419	411.303	400.382
40.0	484.044	467.559	436.237	405.327	394.200
40.5	477.656	461.583	429.849	398.939	387.606
41.0	471.680	455.401	423.667	392.551	380.806
41.5	465.704	449.425	417.485	386.163	374.418
42.0	459.316	443.243	411.303	379.569	367.824
42.5	452.722	436.855	405.121	373.387	361.436
43.0	446.540	430.673	398.939	366.587	355.048
43.5	440.564	424.697	392.757	360.199	349.072
44.0	433.970	418.515	386.576	354.224	342.890
44.5	427.788	412.333	379.775	348.042	336.708
45.0	421.400	406.358	373.593	342.066	330.732
45.5	415.012	399.970	367.206	336.090	324.550
46.0	408.830	393.994	361.230	330.114	318.574
46.5	402.648	387.812	355.254	324.344	312.805
47.0	396.261	381.630	349.278	318.368	306.829
47.5	389.873	375.036	343.508	312.599	301.059
48.0	383.691	368.648	337.738	306.829	295.083
48.5	377.303	362.672	331.763	301.059	289.313
49.0	370.503	356.490	325.993	295.289	283.750
49.5	364.527	350.720	320.429	289.520	278.186
50.0	358.345	344.745	314.659	283.956	272.622
50.5	352.575	338.769	308.889	278.392	267.059
51.0	346.393	332.999	303.120	272.622	261.495
51.5	340.417	327.023	297.556	267.265	256.137
52.0	334.647	321.047	291.786	261.701	250.780
52.5	328.672	315.277	286.222	256.343	245.628
53.0	322.696	309.508	280.659	250.986	240.476
53.5	316.720	303.738	275.301	245.628	235.119
54.0	310.950	297.968	269.531	240.476	229.967
54.5	304.974	292.404	264.174	235.119	224.815

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CANDELA TABULATION - (Cont.)

55.0	299.204	286.635	258.610	230.173	219.664
55.5	293.229	281.071	253.252	224.815	214.718
56.0	287.253	275.301	247.895	219.870	209.773
56.5	281.483	269.737	242.537	214.924	205.136
57.0	275.507	264.174	236.973	209.979	200.253
57.5	269.737	258.816	231.822	205.033	195.493
58.0	263.968	253.252	226.464	200.170	190.815
58.5	258.198	247.689	221.106	195.369	186.137
59.0	252.428	242.331	215.955	190.650	181.501
59.5	246.658	236.973	210.803	185.931	176.988
60.0	241.095	231.616	205.610	181.192	172.496
60.5	235.531	226.258	200.582	176.576	168.004
61.0	229.967	221.106	195.451	172.001	163.594
61.5	224.609	215.749	190.465	167.386	159.246
62.0	219.046	210.391	185.437	162.976	155.042
62.5	213.688	205.301	180.574	158.545	150.756
63.0	208.330	200.211	175.731	154.136	146.553
63.5	203.076	195.122	170.889	149.685	142.308
64.0	197.965	190.073	166.170	145.399	138.228
64.5	192.690	185.025	161.410	141.133	134.168
65.0	187.580	180.079	156.732	136.868	130.212
65.5	182.511	175.072	152.013	132.684	126.173
66.0	177.462	170.106	147.459	128.604	122.216
66.5	172.455	165.201	142.885	124.462	118.219
67.0	167.386	160.338	138.372	120.362	114.386
67.5	162.316	155.475	133.921	116.405	110.553
68.0	157.453	150.694	129.429	112.428	106.679
68.5	152.487	145.955	125.039	108.513	102.949
69.0	147.562	141.215	120.692	104.619	99.240
69.5	142.782	136.497	116.447	100.765	95.634
70.0	137.939	131.798	112.119	96.994	91.987
70.5	133.158	127.183	107.874	93.244	88.463
71.0	128.378	122.608	103.753	89.596	84.898
71.5	123.700	117.992	99.632	85.970	81.457
72.0	119.043	113.500	95.552	82.364	78.016
72.5	114.407	109.049	91.492	78.840	74.677
73.0	109.894	104.660	87.515	75.296	71.401
73.5	105.381	100.209	83.600	71.916	68.125
74.0	100.951	95.840	79.726	68.516	64.869
74.5	96.561	91.554	75.893	65.219	61.778
75.0	92.234	87.330	72.081	61.902	58.708
75.5	87.989	83.188	68.393	58.749	55.658
76.0	83.847	79.087	64.786	55.596	52.711
76.5	79.685	74.987	61.180	52.567	49.826
77.0	75.749	70.989	57.718	49.538	46.962
77.5	71.751	67.053	54.277	46.612	44.159
78.0	67.774	63.179	50.877	43.747	41.501
78.5	63.839	59.346	47.621	40.965	38.802
79.0	60.088	55.658	44.427	38.225	36.205
79.5	56.400	51.907	41.316	35.484	33.671
80.0	52.732	48.322	38.225	32.908	31.219
80.5	49.084	44.757	35.216	30.353	28.787
81.0	45.561	41.295	32.331	27.922	26.479
81.5	42.078	37.936	29.508	25.511	24.192
82.0	38.719	34.536	26.829	23.162	21.925
82.5	35.443	31.322	24.192	20.874	19.762

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CANDELA TABULATION - (Cont.)

83.0	32.208	28.148	21.637	18.649	17.557
83.5	29.014	25.119	19.226	16.464	15.455
84.0	25.964	22.152	16.877	14.321	13.415
84.5	22.955	19.349	14.631	12.281	11.457
85.0	20.112	16.650	12.467	10.365	9.541
85.5	17.351	14.054	10.406	8.407	7.480
86.0	14.754	11.581	8.552	6.388	5.213
86.5	12.178	9.355	6.759	4.039	3.215
87.0	9.809	7.253	4.822	2.555	2.287
87.5	7.604	5.399	2.782	1.958	1.793
88.0	5.564	3.689	1.752	1.504	1.401
88.5	3.833	2.061	1.298	1.092	0.968
89.0	2.411	1.030	0.865	0.701	0.618
89.5	1.195	0.556	0.474	0.350	0.309
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-L8-835-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-L8-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	269.51	N.A.	16.50
0-30	552.44	N.A.	33.70
0-40	864.11	N.A.	52.80
0-60	1384.77	N.A.	84.50
0-80	1621.04	N.A.	99.00
0-90	1638.00	N.A.	100.00
10-90	1566.75	N.A.	95.70
20-40	594.60	N.A.	36.30
20-50	883.62	N.A.	53.90
40-70	677.66	N.A.	41.40
60-80	236.27	N.A.	14.40
70-80	79.27	N.A.	4.80
80-90	16.96	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	1638.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	71.26
10-20	198.25
20-30	282.93
30-40	311.67
40-50	289.02
50-60	231.64
60-70	157.00
70-80	79.27
80-90	16.96
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-L8-835-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-L8-835-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

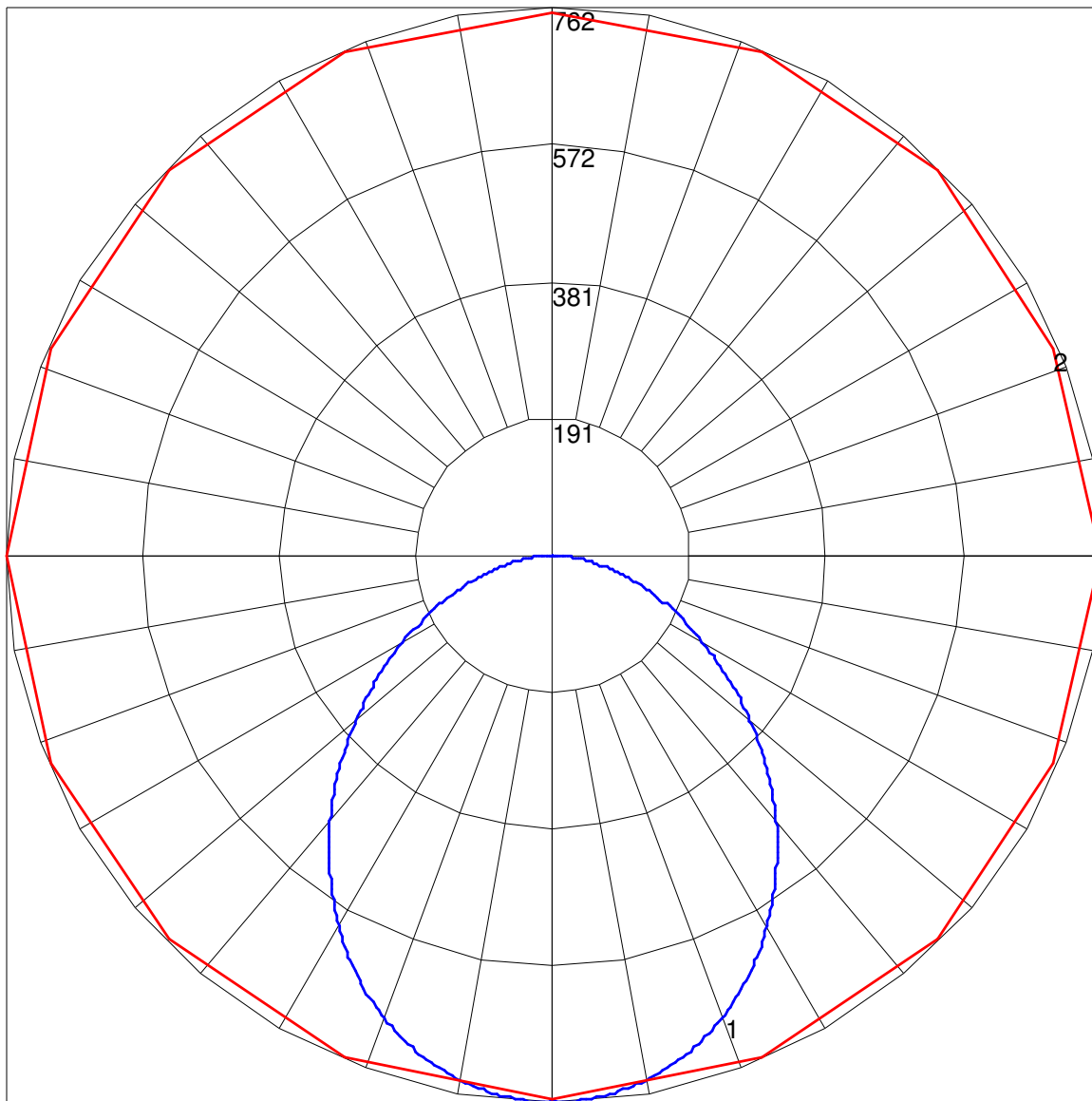
X=2H	Y=2H	18.6	20.2	19.0	20.5	20.8	16.9	18.4	17.3	18.8	19.1
	3H	20.2	21.6	20.6	21.9	22.3	18.2	19.6	18.6	20.0	20.3
	4H	20.8	22.1	21.2	22.4	22.8	18.7	20.0	19.1	20.3	20.7
	6H	21.2	22.3	21.6	22.7	23.1	18.9	20.1	19.3	20.5	20.9
	8H	21.2	22.4	21.7	22.8	23.2	19.0	20.1	19.4	20.5	20.9
	12H	21.3	22.4	21.7	22.8	23.2	19.0	20.1	19.4	20.5	20.9

UGR Viewed Endwise

4H	2H	19.0	20.3	19.4	20.7	21.0	17.6	18.9	18.0	19.2	19.6
	3H	20.8	21.9	21.2	22.3	22.7	19.1	20.2	19.5	20.6	21.0
	4H	21.5	22.5	21.9	22.9	23.3	19.6	20.6	20.1	21.0	21.5
	6H	22.0	22.8	22.4	23.3	23.7	20.0	20.8	20.4	21.3	21.7
	8H	22.1	22.9	22.6	23.4	23.8	20.1	20.9	20.5	21.3	21.8
	12H	22.2	22.9	22.7	23.4	23.9	20.1	20.8	20.6	21.3	21.8
8H	4H	21.6	22.4	22.1	22.8	23.3	19.9	20.7	20.4	21.2	21.6
	6H	22.2	22.9	22.7	23.3	23.8	20.4	21.0	20.9	21.5	22.0
	8H	22.4	23.0	22.9	23.5	24.0	20.5	21.1	21.0	21.6	22.1
	12H	22.5	23.1	23.1	23.6	24.1	20.6	21.1	21.1	21.6	22.1
12H	4H	21.6	22.3	22.1	22.8	23.3	20.0	20.7	20.5	21.2	21.6
	6H	22.2	22.8	22.7	23.3	23.8	20.4	21.0	20.9	21.5	22.0
	8H	22.4	23.0	22.9	23.4	24.0	20.6	21.1	21.1	21.6	22.1

Maximum UGR = 24.1

POLAR GRAPH



Maximum Candela = 762.436 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.)