

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L4-840-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L4-840-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 4' 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	1743
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	16
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7443	6444	5621
55	6578	5517	4565
65	5643	4440	3584
75	4527	3166	2459
85	2980	943	511

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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	828.877	828.877	828.877	828.877	828.877
0.5	830.169	827.585	829.652	829.135	826.810
1.0	829.652	827.327	829.652	828.877	826.552
1.5	829.394	826.810	828.877	828.102	825.776
2.0	829.135	826.552	828.619	827.585	825.001
2.5	828.619	826.035	827.843	826.552	824.226
3.0	828.102	825.518	827.068	825.518	822.934
3.5	827.327	824.743	825.776	823.968	821.642
4.0	826.552	823.709	824.743	822.676	819.834
4.5	825.776	822.676	823.193	820.867	817.767
5.0	825.260	821.642	821.901	818.800	815.958
5.5	823.709	820.350	820.092	816.992	813.891
6.0	822.676	819.059	818.283	814.666	811.566
6.5	821.384	817.508	816.475	812.082	808.982
7.0	819.834	815.700	814.408	809.757	805.881
7.5	818.283	814.149	812.082	806.656	802.781
8.0	816.733	812.341	809.757	803.814	799.422
8.5	814.924	810.274	807.173	800.714	796.580
9.0	812.857	808.207	804.589	797.355	793.221
9.5	811.049	806.398	801.747	793.996	789.345
10.0	808.982	804.073	798.905	790.379	785.469
10.5	807.173	801.747	795.805	786.503	781.335
11.0	804.848	799.163	792.446	782.627	776.685
11.5	802.781	796.838	789.087	778.493	772.809
12.0	801.230	794.513	785.469	774.359	768.416
12.5	797.872	791.929	781.852	769.708	764.024
13.0	794.771	788.828	778.235	765.316	759.115
13.5	792.187	785.211	774.359	760.923	754.206
14.0	789.087	781.852	770.225	756.014	749.296
14.5	785.986	778.235	766.091	751.105	744.129
15.0	782.886	774.876	762.215	746.196	738.703
15.5	779.785	771.517	758.081	740.770	733.277
16.0	776.426	767.900	753.947	735.602	728.109
16.5	773.326	764.024	749.296	730.435	722.425
17.0	769.450	760.148	744.129	724.751	716.482
17.5	765.833	756.273	739.220	719.325	710.798
18.0	762.474	752.139	734.311	713.640	704.597
18.5	758.340	748.005	729.143	707.698	698.654
19.0	754.464	743.871	723.975	702.272	692.712
19.5	750.847	739.478	718.808	696.071	685.994
20.0	746.454	735.086	713.640	689.869	679.793
20.5	742.579	730.952	708.473	683.927	673.592
21.0	738.445	726.301	702.788	677.984	667.132
21.5	734.052	721.650	697.104	671.783	660.673
22.0	729.660	716.999	691.678	665.324	654.213
22.5	725.267	712.090	686.252	658.864	647.754
23.0	720.616	707.439	680.310	652.405	641.036
23.5	716.224	702.530	674.367	646.204	634.318
24.0	711.056	697.362	668.424	639.486	627.859
24.5	706.406	692.195	662.223	633.026	621.141
25.0	701.497	687.027	656.539	626.308	614.423
25.5	696.587	681.860	650.338	619.591	607.447
26.0	691.678	676.175	644.137	613.131	600.729
26.5	686.511	671.008	637.936	606.413	593.753

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L4-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	681.085	665.324	631.734	599.696	587.035
27.5	675.659	659.898	625.275	592.978	580.059
28.0	669.716	654.213	619.074	586.260	573.083
28.5	663.773	648.529	612.873	579.800	566.106
29.0	658.347	642.845	606.155	572.824	559.130
29.5	652.921	636.902	599.696	565.848	551.896
30.0	646.979	630.959	593.494	559.130	545.436
30.5	641.553	625.275	587.035	552.154	538.460
31.0	635.610	619.332	580.576	545.178	531.742
31.5	630.184	613.131	573.858	538.460	525.024
32.0	624.241	606.930	567.398	531.484	518.048
32.5	618.299	600.729	560.680	524.249	511.072
33.0	612.614	594.528	554.221	517.531	504.354
33.5	606.672	588.585	547.762	511.072	497.636
34.0	600.471	582.126	541.044	504.096	490.660
34.5	594.528	575.925	534.584	497.378	484.201
35.0	588.327	569.724	527.866	490.660	476.966
35.5	582.643	563.264	521.149	483.942	469.990
36.0	576.442	557.063	514.689	476.966	462.497
36.5	570.240	550.604	507.971	469.990	456.037
37.0	564.298	544.144	501.253	462.755	449.319
37.5	557.838	537.685	495.052	456.037	442.860
38.0	551.120	531.484	488.335	449.578	436.142
38.5	544.919	524.766	481.617	443.118	429.683
39.0	538.977	518.306	474.382	436.401	423.223
39.5	532.259	511.847	467.406	429.941	416.764
40.0	526.058	505.388	460.688	423.740	410.304
40.5	519.598	498.928	454.229	417.022	403.845
41.0	512.622	492.469	447.769	410.821	397.386
41.5	506.163	485.751	441.051	404.362	391.184
42.0	499.445	479.033	434.850	398.161	384.725
42.5	492.727	472.057	428.132	391.701	378.524
43.0	486.268	464.822	422.190	385.500	372.064
43.5	479.291	458.363	415.730	379.299	365.605
44.0	472.057	451.903	409.271	373.098	359.146
44.5	464.564	445.185	403.070	366.897	352.686
45.0	458.104	438.726	396.610	360.696	345.968
45.5	451.645	432.267	390.409	354.495	339.509
46.0	444.927	425.807	383.950	348.035	333.308
46.5	438.209	419.348	377.749	341.834	326.848
47.0	431.491	412.888	371.806	335.375	320.647
47.5	425.032	406.429	365.605	329.174	314.446
48.0	418.314	399.969	359.404	322.714	308.245
48.5	411.855	393.768	353.203	316.513	302.044
49.0	405.395	387.309	347.260	310.312	295.843
49.5	398.677	380.849	341.059	304.111	289.900
50.0	392.476	374.648	335.116	298.168	284.216
50.5	386.017	368.189	329.174	291.967	278.273
51.0	379.557	361.988	323.231	286.025	272.331
51.5	373.098	355.787	317.288	280.082	266.646
52.0	366.639	349.586	311.346	274.139	260.962
52.5	360.437	343.384	305.403	268.455	255.226
53.0	353.978	337.442	299.460	262.512	249.464
53.5	347.519	331.241	293.518	256.802	244.245
54.0	341.059	325.040	287.575	251.092	238.586
54.5	334.858	318.839	281.374	245.485	233.160

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CANDELA TABULATION - (Cont.)

55.0	328.399	312.896	275.431	239.775	227.889
55.5	322.197	306.953	269.488	234.271	222.619
56.0	315.738	301.010	263.287	228.742	217.296
56.5	309.537	294.809	257.448	223.368	211.948
57.0	303.077	289.125	251.583	217.942	206.832
57.5	297.135	283.182	245.718	212.645	201.664
58.0	290.934	277.240	239.878	207.374	196.677
58.5	284.474	271.297	234.168	202.155	191.613
59.0	278.532	265.354	228.406	197.013	186.601
59.5	272.331	259.670	222.696	191.872	181.743
60.0	266.388	253.831	217.089	186.885	176.989
60.5	260.187	248.146	211.586	181.821	172.157
61.0	254.192	242.436	206.082	176.808	167.455
61.5	248.198	236.752	200.579	171.899	162.882
62.0	242.229	231.068	195.101	167.196	158.257
62.5	236.390	225.512	189.675	162.416	153.657
63.0	230.551	219.983	184.327	157.662	149.213
63.5	224.841	214.505	178.979	152.986	144.873
64.0	218.950	209.002	173.733	148.387	140.403
64.5	213.214	203.576	168.514	143.813	136.088
65.0	207.555	198.124	163.321	139.317	131.825
65.5	201.871	192.724	158.179	134.822	127.561
66.0	196.290	187.453	153.089	130.455	123.350
66.5	190.761	182.131	148.102	126.037	119.241
67.0	185.154	176.808	143.064	121.722	115.159
67.5	179.650	171.563	138.181	117.459	111.051
68.0	174.250	166.215	133.220	113.221	107.046
68.5	168.824	160.840	128.466	109.087	103.067
69.0	163.450	155.363	123.711	104.927	99.140
69.5	158.102	150.040	119.009	100.871	95.316
70.0	152.727	144.692	114.358	96.866	91.388
70.5	147.405	139.343	109.759	92.887	87.668
71.0	142.108	134.072	105.212	88.934	83.895
71.5	136.966	128.879	100.742	85.084	80.123
72.0	131.902	123.737	96.349	81.208	76.428
72.5	126.709	118.725	92.008	77.436	72.785
73.0	121.670	113.686	87.745	73.689	69.245
73.5	116.606	108.674	83.559	69.969	65.654
74.0	111.723	103.842	79.425	66.403	62.217
74.5	106.814	99.010	75.369	62.760	58.781
75.0	101.982	94.205	71.312	59.220	55.396
75.5	97.176	89.554	67.385	55.732	52.141
76.0	92.551	84.903	63.535	52.373	48.885
76.5	87.952	80.407	59.711	49.066	45.759
77.0	83.404	75.860	55.991	45.785	42.762
77.5	78.960	71.442	52.322	42.632	39.764
78.0	74.542	67.101	48.704	39.558	36.845
78.5	70.253	62.838	45.113	36.560	34.003
79.0	66.016	58.626	41.651	33.615	31.212
79.5	61.933	54.466	38.292	30.773	28.447
80.0	57.903	50.410	35.036	28.008	25.786
80.5	53.949	46.431	31.884	25.244	23.125
81.0	50.048	42.503	28.887	22.556	20.541
81.5	46.250	38.705	25.941	19.895	17.906
82.0	42.555	35.036	23.151	17.337	15.296
82.5	38.963	31.470	20.412	14.702	12.531

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PHOTOMETRIC FILENAME : LRX2X-4-L4-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	35.475	28.008	17.725	12.015	9.560
83.5	32.091	24.649	15.141	9.043	6.382
84.0	28.809	21.471	12.609	6.020	4.935
84.5	25.657	18.422	10.051	4.599	4.367
85.0	22.608	15.529	7.157	4.031	3.876
85.5	19.688	12.816	4.341	3.540	3.411
86.0	16.872	10.232	3.411	3.049	2.946
86.5	14.133	7.803	2.894	2.584	2.480
87.0	11.575	5.426	2.403	2.145	2.041
87.5	9.121	2.868	1.912	1.679	1.628
88.0	6.821	1.809	1.473	1.266	1.189
88.5	4.702	1.344	1.034	0.878	0.827
89.0	2.868	0.878	0.620	0.517	0.491
89.5	1.292	0.465	0.310	0.258	0.207
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L4-840-DMA-DIM-UNV_.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L4-840-DMA-DIM-UNV_.IES

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 : LRX2X-4-L4-840-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 : LRX2X-4-L4-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	291.49	N.A.	16.70
0-30	593.40	N.A.	34.10
0-40	924.64	N.A.	53.10
0-60	1480.43	N.A.	85.00
0-80	1727.93	N.A.	99.20
0-90	1742.67	N.A.	100.00
10-90	1665.07	N.A.	95.50
20-40	633.15	N.A.	36.30
20-50	941.40	N.A.	54.00
40-70	722.19	N.A.	41.40
60-80	247.50	N.A.	14.20
70-80	81.10	N.A.	4.70
80-90	14.74	N.A.	0.80
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	1742.67	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	77.60
10-20	213.89
20-30	301.91
30-40	331.24
40-50	308.25
50-60	247.55
60-70	166.40
70-80	81.10
80-90	14.74
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 : LRX2X-4-L4-840-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	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	81	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L4-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

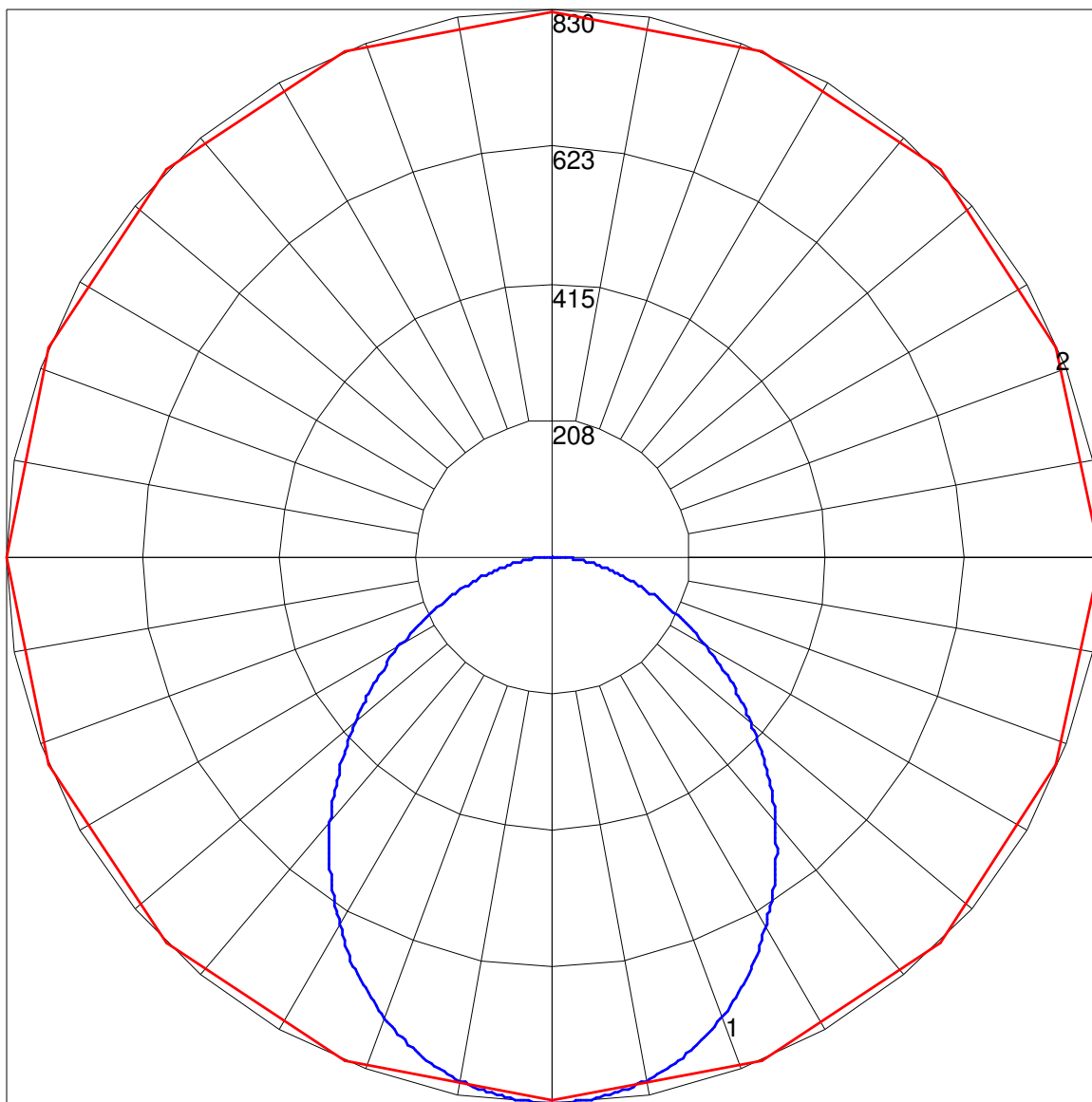
Reflectances

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	18.5	20.0	18.9	20.4	20.7	16.4	17.9	16.8	18.2	18.5
	3H	20.1	21.5	20.5	21.8	22.2	17.6	19.0	18.0	19.4	19.7
	4H	20.7	22.0	21.1	22.3	22.7	18.0	19.3	18.4	19.7	20.0
	6H	21.0	22.2	21.4	22.6	23.0	18.2	19.4	18.6	19.8	20.2
	8H	21.1	22.3	21.6	22.7	23.1	18.2	19.4	18.7	19.7	20.1
	12H	21.2	22.3	21.6	22.7	23.1	18.2	19.3	18.6	19.7	20.1
4H	2H	18.8	20.1	19.2	20.5	20.8	17.1	18.4	17.5	18.7	19.1
	3H	20.7	21.7	21.1	22.1	22.5	18.5	19.6	18.9	20.0	20.4
	4H	21.3	22.3	21.8	22.7	23.2	19.0	19.9	19.4	20.4	20.8
	6H	21.8	22.7	22.3	23.1	23.6	19.2	20.1	19.7	20.5	21.0
	8H	22.0	22.7	22.4	23.2	23.7	19.2	20.0	19.7	20.5	20.9
	12H	22.0	22.7	22.5	23.2	23.7	19.2	19.9	19.7	20.4	20.9
8H	4H	21.4	22.2	21.9	22.6	23.1	19.3	20.1	19.7	20.5	21.0
	6H	22.0	22.6	22.5	23.1	23.6	19.6	20.2	20.1	20.7	21.2
	8H	22.2	22.8	22.7	23.3	23.8	19.6	20.2	20.1	20.7	21.2
	12H	22.3	22.8	22.8	23.3	23.9	19.6	20.1	20.1	20.6	21.2
12H	4H	21.4	22.1	21.9	22.6	23.1	19.3	20.0	19.8	20.5	21.0
	6H	22.0	22.6	22.5	23.0	23.6	19.6	20.2	20.2	20.7	21.2
	8H	22.2	22.7	22.7	23.2	23.8	19.7	20.2	20.2	20.7	21.3

Maximum UGR = 23.9

POLAR GRAPH



Maximum Candela = 830.169 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.)