

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L4-930-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-L4-930-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	1387
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
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	5926	5130	4475
55	5237	4392	3634
65	4492	3535	2853
75	3604	2520	1958
85	2373	751	407

IES INDOOR REPORT
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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	659.882	659.882	659.882	659.882	659.882
0.5	660.911	658.854	660.499	660.088	658.237
1.0	660.499	658.648	660.499	659.882	658.031
1.5	660.294	658.237	659.882	659.265	657.414
2.0	660.088	658.031	659.677	658.854	656.797
2.5	659.677	657.620	659.060	658.031	656.180
3.0	659.265	657.208	658.442	657.208	655.151
3.5	658.648	656.591	657.414	655.974	654.123
4.0	658.031	655.768	656.591	654.946	652.683
4.5	657.414	654.946	655.357	653.506	651.037
5.0	657.003	654.123	654.329	651.860	649.597
5.5	655.768	653.094	652.889	650.420	647.952
6.0	654.946	652.066	651.449	648.569	646.101
6.5	653.917	650.832	650.009	646.512	644.044
7.0	652.683	649.392	648.363	644.661	641.575
7.5	651.449	648.158	646.512	642.192	639.107
8.0	650.215	646.718	644.661	639.930	636.433
8.5	648.775	645.072	642.604	637.461	634.170
9.0	647.129	643.426	640.547	634.787	631.496
9.5	645.689	641.987	638.284	632.113	628.410
10.0	644.044	640.135	636.021	629.233	625.325
10.5	642.604	638.284	633.553	626.148	622.034
11.0	640.752	636.227	630.879	623.062	618.331
11.5	639.107	634.376	628.205	619.771	615.246
12.0	637.873	632.524	625.325	616.480	611.749
12.5	635.199	630.467	622.445	612.777	608.252
13.0	632.730	627.999	619.565	609.280	604.344
13.5	630.673	625.119	616.480	605.784	600.435
14.0	628.205	622.445	613.189	601.875	596.527
14.5	625.736	619.565	609.898	597.967	592.413
15.0	623.268	616.891	606.812	594.059	588.093
15.5	620.800	614.217	603.521	589.739	583.774
16.0	618.125	611.337	600.230	585.625	579.660
16.5	615.657	608.252	596.527	581.511	575.134
17.0	612.572	605.166	592.413	576.986	570.403
17.5	609.692	602.081	588.505	572.666	565.878
18.0	607.018	598.790	584.597	568.141	560.941
18.5	603.727	595.499	580.483	563.410	556.210
19.0	600.641	592.207	576.369	559.090	551.479
19.5	597.761	588.711	572.255	554.153	546.131
20.0	594.264	585.214	568.141	549.216	541.194
20.5	591.179	581.922	564.027	544.485	536.257
21.0	587.888	578.220	559.501	539.754	531.115
21.5	584.391	574.517	554.976	534.817	525.972
22.0	580.894	570.815	550.656	529.675	520.830
22.5	577.397	566.906	546.337	524.532	515.687
23.0	573.695	563.204	541.605	519.390	510.339
23.5	570.198	559.296	536.874	514.453	504.991
24.0	566.084	555.182	532.143	509.105	499.849
24.5	562.381	551.068	527.207	503.963	494.500
25.0	558.473	546.954	522.681	498.614	489.152
25.5	554.564	542.840	517.744	493.266	483.598
26.0	550.656	538.314	512.808	488.124	478.250
26.5	546.542	534.200	507.871	482.776	472.696

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L4-930-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	542.223	529.675	502.934	477.427	467.348
27.5	537.903	525.355	497.792	472.079	461.794
28.0	533.172	520.830	492.855	466.731	456.240
28.5	528.441	516.304	487.918	461.589	450.687
29.0	524.121	511.779	482.570	456.035	445.133
29.5	519.801	507.048	477.427	450.481	439.373
30.0	515.070	502.317	472.491	445.133	434.231
30.5	510.751	497.792	467.348	439.579	428.677
31.0	506.020	493.060	462.206	434.025	423.329
31.5	501.700	488.124	456.857	428.677	417.980
32.0	496.969	483.187	451.715	423.123	412.426
32.5	492.238	478.250	446.367	417.363	406.873
33.0	487.712	473.313	441.224	412.015	401.524
33.5	482.981	468.582	436.082	406.873	396.176
34.0	478.044	463.440	430.734	401.319	390.622
34.5	473.313	458.503	425.591	395.971	385.480
35.0	468.377	453.566	420.243	390.622	379.720
35.5	463.851	448.424	414.895	385.274	374.166
36.0	458.914	443.487	409.752	379.720	368.201
36.5	453.978	438.345	404.404	374.166	363.059
37.0	449.247	433.202	399.056	368.407	357.711
37.5	444.104	428.060	394.119	363.059	352.568
38.0	438.756	423.123	388.771	357.916	347.220
38.5	433.819	417.775	383.423	352.774	342.077
39.0	429.088	412.632	377.663	347.426	336.935
39.5	423.740	407.490	372.109	342.283	331.792
40.0	418.803	402.347	366.761	337.346	326.650
40.5	413.661	397.205	361.619	331.998	321.508
41.0	408.107	392.062	356.476	327.061	316.365
41.5	402.964	386.714	351.128	321.919	311.428
42.0	397.616	381.366	346.191	316.982	306.286
42.5	392.268	375.812	340.843	311.840	301.349
43.0	387.126	370.052	336.112	306.903	296.207
43.5	381.572	364.910	330.970	301.966	291.064
44.0	375.812	359.768	325.827	297.029	285.922
44.5	369.847	354.419	320.890	292.093	280.779
45.0	364.704	349.277	315.748	287.156	275.431
45.5	359.562	344.134	310.811	282.219	270.288
46.0	354.214	338.992	305.669	277.077	265.352
46.5	348.865	333.849	300.732	272.140	260.209
47.0	343.517	328.707	296.001	266.997	255.272
47.5	338.375	323.565	291.064	262.061	250.336
48.0	333.027	318.422	286.127	256.918	245.399
48.5	327.884	313.485	281.191	251.981	240.462
49.0	322.742	308.343	276.459	247.044	235.525
49.5	317.394	303.200	271.523	242.108	230.794
50.0	312.457	298.264	266.792	237.377	226.269
50.5	307.314	293.121	262.061	232.440	221.538
51.0	302.172	288.184	257.329	227.709	216.807
51.5	297.029	283.248	252.598	222.978	212.281
52.0	291.887	278.311	247.867	218.247	207.756
52.5	286.950	273.374	243.136	213.721	203.189
53.0	281.808	268.643	238.405	208.990	198.602
53.5	276.665	263.706	233.674	204.444	194.447
54.0	271.523	258.769	228.943	199.898	189.942
54.5	266.586	253.833	224.006	195.435	185.623

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CANDELA TABULATION - (Cont.)

55.0	261.443	249.101	219.275	190.889	181.427
55.5	256.507	244.370	214.544	186.507	177.230
56.0	251.364	239.639	209.607	182.105	172.993
56.5	246.427	234.703	204.958	177.827	168.735
57.0	241.285	230.177	200.289	173.507	164.662
57.5	236.554	225.446	195.620	169.290	160.548
58.0	231.617	220.715	190.971	165.094	156.578
58.5	226.475	215.984	186.425	160.939	152.546
59.0	221.744	211.253	181.838	156.845	148.556
59.5	216.807	206.727	177.292	152.752	144.689
60.0	212.076	202.079	172.828	148.782	140.904
60.5	207.139	197.553	168.447	144.750	137.057
61.0	202.367	193.007	164.066	140.760	133.314
61.5	197.594	188.482	159.684	136.852	129.673
62.0	192.843	183.957	155.323	133.108	125.991
62.5	188.194	179.534	151.004	129.302	122.329
63.0	183.545	175.132	146.746	125.518	118.791
63.5	178.999	170.771	142.488	121.794	115.335
64.0	174.309	166.390	138.312	118.133	111.777
64.5	169.743	162.070	134.157	114.492	108.342
65.0	165.238	157.730	130.022	110.913	104.948
65.5	160.713	153.431	125.929	107.334	101.554
66.0	156.270	149.235	121.877	103.857	98.201
66.5	151.868	144.997	117.907	100.340	94.930
67.0	147.404	140.760	113.896	96.905	91.680
67.5	143.023	136.584	110.008	93.511	88.409
68.0	138.723	132.326	106.058	90.137	85.221
68.5	134.404	128.048	102.274	86.846	82.053
69.0	130.125	123.687	98.489	83.534	78.927
69.5	125.867	119.449	94.745	80.305	75.882
70.0	121.589	115.191	91.042	77.117	72.756
70.5	117.351	110.933	87.381	73.949	69.794
71.0	113.134	106.737	83.761	70.802	66.790
71.5	109.041	102.603	80.202	67.737	63.787
72.0	105.009	98.509	76.705	64.651	60.846
72.5	100.875	94.519	73.249	61.648	57.945
73.0	96.864	90.508	69.855	58.665	55.127
73.5	92.832	86.517	66.523	55.703	52.268
74.0	88.944	82.670	63.232	52.865	49.532
74.5	85.036	78.824	60.002	49.964	46.797
75.0	81.189	74.998	56.773	47.146	44.102
75.5	77.363	71.295	53.646	44.369	41.510
76.0	73.681	67.593	50.581	41.695	38.918
76.5	70.020	64.014	47.537	39.062	36.429
77.0	66.400	60.393	44.575	36.450	34.043
77.5	62.862	56.876	41.654	33.940	31.657
78.0	59.344	53.420	38.774	31.493	29.333
78.5	55.930	50.026	35.915	29.106	27.070
79.0	52.556	46.673	33.159	26.761	24.848
79.5	49.306	43.361	30.485	24.499	22.647
80.0	46.097	40.132	27.893	22.298	20.529
80.5	42.950	36.964	25.383	20.097	18.410
81.0	39.844	33.837	22.997	17.958	16.353
81.5	36.820	30.814	20.652	15.839	14.255
82.0	33.879	27.893	18.431	13.802	12.177
82.5	31.019	25.054	16.250	11.704	9.976

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CANDELA TABULATION - (Cont.)

83.0	28.242	22.298	14.111	9.565	7.611
83.5	25.548	19.624	12.054	7.199	5.081
84.0	22.935	17.094	10.038	4.793	3.929
84.5	20.426	14.666	8.002	3.661	3.476
85.0	17.999	12.363	5.698	3.209	3.085
85.5	15.674	10.203	3.456	2.818	2.715
86.0	13.432	8.146	2.715	2.427	2.345
86.5	11.252	6.212	2.304	2.057	1.975
87.0	9.215	4.320	1.913	1.707	1.625
87.5	7.261	2.283	1.522	1.337	1.296
88.0	5.430	1.440	1.172	1.008	0.946
88.5	3.744	1.070	0.823	0.699	0.658
89.0	2.283	0.699	0.494	0.411	0.391
89.5	1.028	0.370	0.247	0.206	0.165
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-L4-930-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-L4-930-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-L4-930-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 : LRX2X-4-L4-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	232.06	N.A.	16.70
0-30	472.42	N.A.	34.10
0-40	736.12	N.A.	53.10
0-60	1178.6	N.A.	85.00
0-80	1375.63	N.A.	99.20
0-90	1387.37	N.A.	100.00
10-90	1325.59	N.A.	95.50
20-40	504.06	N.A.	36.30
20-50	749.46	N.A.	54.00
40-70	574.94	N.A.	41.40
60-80	197.04	N.A.	14.20
70-80	64.57	N.A.	4.70
80-90	11.73	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	1387.37	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	61.78
10-20	170.28
20-30	240.35
30-40	263.71
40-50	245.40
50-60	197.08
60-70	132.47
70-80	64.57
80-90	11.73
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-L4-930-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	99	107	104	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	82	75	69	79	73	68	76	71	67	73	69	66	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-L4-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

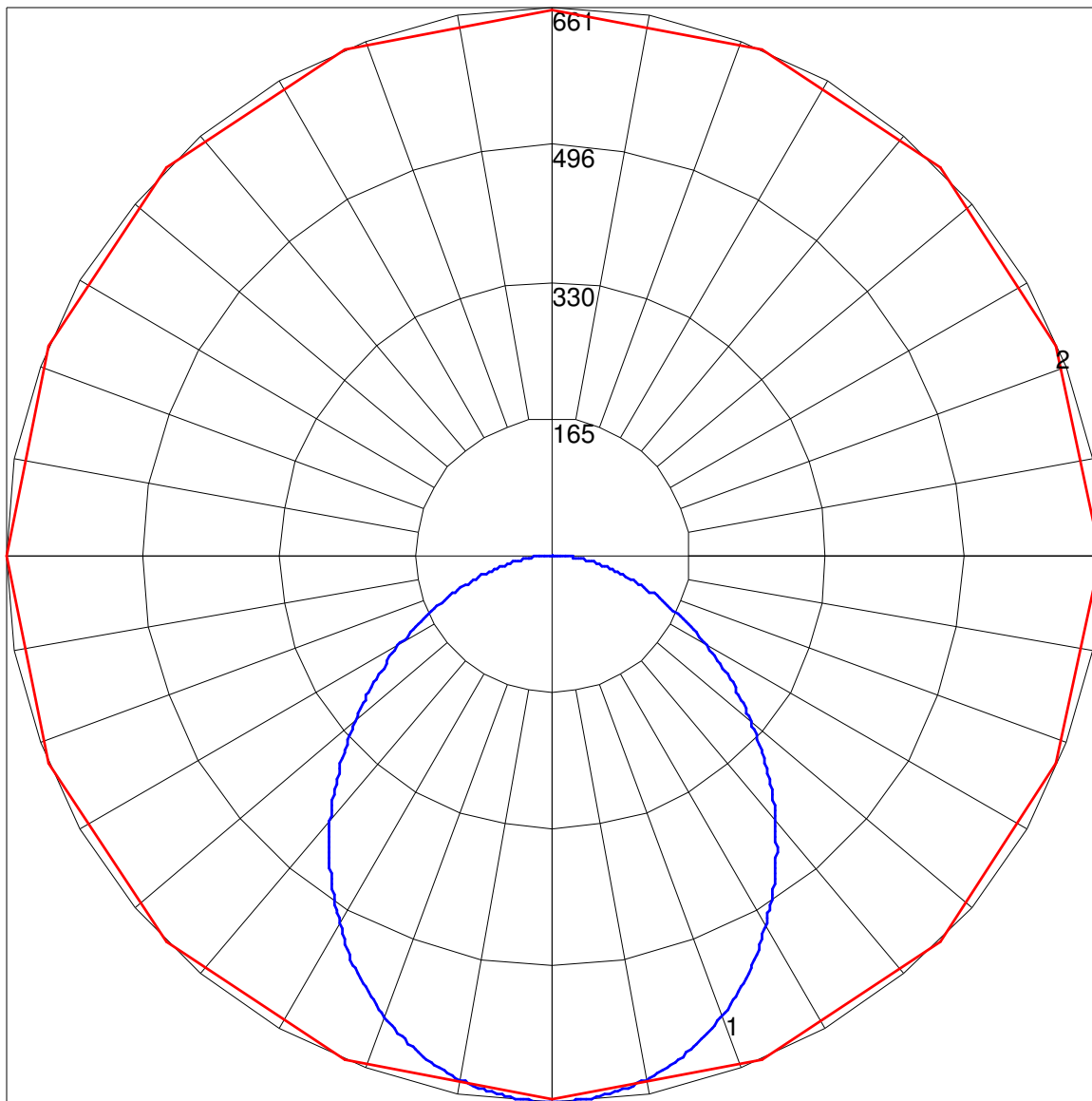
Reflectances

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	17.7	19.2	18.1	19.6	19.9	15.6	17.1	16.0	17.4	17.7
	3H	19.3	20.7	19.7	21.0	21.4	16.9	18.2	17.2	18.6	18.9
	4H	19.9	21.2	20.3	21.5	21.9	17.2	18.5	17.6	18.9	19.2
	6H	20.2	21.4	20.6	21.8	22.2	17.4	18.6	17.8	19.0	19.4
	8H	20.4	21.5	20.8	21.9	22.3	17.4	18.6	17.9	18.9	19.4
	12H	20.4	21.5	20.8	21.9	22.3	17.4	18.5	17.8	18.9	19.3
4H	2H	18.0	19.3	18.4	19.7	20.1	16.3	17.6	16.7	17.9	18.3
	3H	19.9	20.9	20.3	21.3	21.7	17.7	18.8	18.1	19.2	19.6
	4H	20.5	21.5	21.0	21.9	22.4	18.2	19.1	18.6	19.6	20.0
	6H	21.0	21.9	21.5	22.3	22.8	18.4	19.3	18.9	19.7	20.2
	8H	21.2	21.9	21.6	22.4	22.9	18.4	19.2	18.9	19.7	20.1
	12H	21.2	22.0	21.7	22.4	22.9	18.4	19.1	18.9	19.6	20.1
8H	4H	20.6	21.4	21.1	21.9	22.3	18.5	19.3	18.9	19.7	20.2
	6H	21.2	21.8	21.7	22.3	22.8	18.8	19.4	19.3	19.9	20.4
	8H	21.4	22.0	21.9	22.5	23.0	18.8	19.4	19.3	19.9	20.4
	12H	21.5	22.0	22.0	22.5	23.1	18.8	19.3	19.3	19.8	20.4
12H	4H	20.6	21.3	21.1	21.8	22.3	18.5	19.2	19.0	19.7	20.2
	6H	21.2	21.8	21.7	22.2	22.8	18.8	19.4	19.4	19.9	20.4
	8H	21.4	21.9	21.9	22.4	23.0	18.9	19.4	19.4	19.9	20.5

Maximum UGR = 23.1

POLAR GRAPH



Maximum Candela = 660.911 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.)