

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-940-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-L8-940-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	1409
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
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	6872	6093	5394
55	6015	5199	4416
65	5118	4277	3553
75	4109	3212	2616
85	2661	1649	1262

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PHOTOMETRIC FILENAME : LRX4X-2-L8-940-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	652.505	652.505	652.505	652.505	652.505
0.5	655.694	651.087	652.682	652.150	651.796
1.0	655.517	650.910	652.505	651.973	651.618
1.5	655.340	650.555	652.327	651.618	651.264
2.0	654.986	650.378	651.796	650.910	651.087
2.5	654.808	650.024	651.441	650.555	650.378
3.0	654.277	649.492	650.910	649.669	649.492
3.5	653.922	648.960	650.201	648.960	648.606
4.0	653.036	648.251	649.492	648.074	647.543
4.5	652.682	647.543	648.606	647.011	646.302
5.0	651.796	646.834	647.543	645.948	645.239
5.5	651.441	645.770	646.479	644.530	643.644
6.0	649.846	644.884	645.239	643.112	642.226
6.5	648.960	643.998	643.821	641.517	640.454
7.0	647.897	642.758	642.580	639.922	638.859
7.5	646.834	641.517	640.986	638.150	636.910
8.0	645.593	640.099	639.568	636.201	634.783
8.5	644.353	638.859	637.973	634.074	632.656
9.0	642.935	637.441	636.024	631.948	630.530
9.5	641.340	635.669	634.251	629.644	628.049
10.0	640.099	634.074	632.125	627.517	625.745
10.5	638.150	632.302	630.175	625.213	623.264
11.0	636.378	630.530	627.872	622.555	620.783
11.5	634.606	628.581	625.568	619.897	617.770
12.0	632.656	626.631	623.264	617.062	614.935
12.5	630.353	624.327	620.783	614.226	611.745
13.0	628.403	622.201	618.125	611.213	608.732
13.5	626.454	619.897	615.467	608.201	605.720
14.0	623.973	617.593	612.808	604.834	602.176
14.5	621.846	614.935	609.796	601.644	598.808
15.0	619.365	612.454	606.783	598.277	595.264
15.5	616.884	609.796	603.770	594.733	591.720
16.0	614.226	607.138	600.581	591.188	587.821
16.5	611.745	604.479	597.391	587.467	584.100
17.0	608.910	601.467	594.024	583.745	580.024
17.5	606.251	598.454	590.834	579.846	575.948
18.0	603.239	595.619	587.290	575.948	571.872
18.5	600.581	592.429	583.745	571.872	567.441
19.0	597.391	589.239	580.024	567.619	563.011
19.5	594.378	586.049	576.302	563.543	558.581
20.0	591.188	582.682	572.403	559.290	554.150
20.5	587.998	579.315	568.505	554.859	549.543
21.0	584.631	575.948	564.606	550.429	544.758
21.5	581.441	572.226	560.530	545.821	540.150
22.0	577.897	568.682	556.277	541.214	535.543
22.5	574.353	564.960	552.024	536.606	530.581
23.0	570.986	561.416	547.948	531.644	525.619
23.5	567.441	557.517	543.517	526.859	520.657
24.0	563.720	553.619	539.087	522.074	515.518
24.5	559.998	549.720	534.480	517.112	510.556
25.0	556.100	545.821	530.049	512.150	505.416
25.5	552.024	541.568	525.442	507.011	499.923
26.0	548.125	537.492	520.480	501.872	494.606
26.5	544.226	533.239	515.872	496.733	489.113

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-2-L8-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	539.973	528.986	510.910	491.416	483.796
27.5	535.543	524.556	506.125	486.100	478.480
28.0	531.467	520.302	501.163	480.606	472.809
28.5	527.214	515.872	496.378	475.290	467.315
29.0	522.961	511.442	491.416	469.796	461.999
29.5	517.999	506.834	486.277	464.303	456.328
30.0	513.214	502.049	481.138	458.809	450.834
30.5	508.783	497.442	476.176	453.492	445.163
31.0	504.176	492.834	471.037	447.999	439.492
31.5	499.745	488.049	465.897	442.328	433.822
32.0	494.783	483.264	460.581	436.834	428.328
32.5	490.176	478.302	455.442	431.163	422.480
33.0	485.391	473.518	449.948	425.670	416.986
33.5	480.606	468.556	444.986	419.999	410.961
34.0	475.999	463.594	439.492	414.505	405.467
34.5	471.214	458.809	434.176	409.012	399.974
35.0	466.429	453.670	428.682	403.341	394.303
35.5	461.467	448.530	423.366	398.024	388.455
36.0	456.859	443.568	418.049	392.353	383.138
36.5	451.897	438.429	412.556	386.860	377.467
37.0	446.758	433.290	407.417	381.366	372.151
37.5	441.796	428.151	402.100	375.695	366.480
38.0	436.834	422.834	396.606	370.202	360.809
38.5	431.695	417.872	391.290	364.708	355.315
39.0	426.379	412.556	385.974	359.214	349.822
39.5	421.417	407.417	380.480	353.721	344.328
40.0	416.277	402.100	375.164	348.581	339.012
40.5	410.784	396.961	369.670	343.088	333.341
41.0	405.644	391.644	364.353	337.594	327.493
41.5	400.505	386.505	359.037	332.100	321.999
42.0	395.012	381.189	353.721	326.429	316.328
42.5	389.341	375.695	348.404	321.113	310.835
43.0	384.024	370.379	343.088	315.265	305.341
43.5	378.885	365.239	337.771	309.771	300.202
44.0	373.214	359.923	332.455	304.632	294.885
44.5	367.898	354.607	326.607	299.316	289.569
45.0	362.404	349.467	321.290	294.176	284.430
45.5	356.910	343.974	315.797	289.037	279.113
46.0	351.594	338.835	310.657	283.898	273.974
46.5	346.278	333.518	305.518	278.936	269.012
47.0	340.784	328.202	300.379	273.797	263.873
47.5	335.290	322.531	295.417	268.835	258.911
48.0	329.974	317.037	290.455	263.873	253.771
48.5	324.480	311.898	285.316	258.911	248.809
49.0	318.632	306.581	280.354	253.949	244.025
49.5	313.493	301.619	275.569	248.987	239.240
50.0	308.176	296.480	270.607	244.202	234.455
50.5	303.214	291.341	265.645	239.417	229.670
51.0	297.898	286.379	260.683	234.455	224.885
51.5	292.759	281.240	255.898	229.847	220.278
52.0	287.797	276.100	250.936	225.063	215.670
52.5	282.657	271.138	246.151	220.455	211.240
53.0	277.518	266.176	241.366	215.848	206.810
53.5	272.379	261.214	236.759	211.240	202.202
54.0	267.417	256.252	231.797	206.810	197.772
54.5	262.278	251.468	227.189	202.202	193.341

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

55.0	257.316	246.506	222.404	197.949	188.911
55.5	252.177	241.721	217.797	193.341	184.658
56.0	247.037	236.759	213.189	189.088	180.405
56.5	242.075	231.974	208.582	184.835	176.417
57.0	236.936	227.189	203.797	180.582	172.217
57.5	231.974	222.582	199.367	176.329	168.124
58.0	227.012	217.797	194.759	172.146	164.101
58.5	222.050	213.012	190.151	168.017	160.078
59.0	217.088	208.404	185.721	163.959	156.091
59.5	212.126	203.797	181.291	159.901	152.210
60.0	207.341	199.189	176.825	155.825	148.346
60.5	202.556	194.582	172.501	151.855	144.483
61.0	197.772	190.151	168.088	147.921	140.691
61.5	193.164	185.544	163.800	143.951	136.952
62.0	188.379	180.936	159.476	140.159	133.336
62.5	183.772	176.559	155.293	136.349	129.650
63.0	179.164	172.182	151.129	132.557	126.035
63.5	174.645	167.805	146.964	128.729	122.384
64.0	170.250	163.463	142.906	125.043	118.876
64.5	165.713	159.121	138.812	121.374	115.384
65.0	161.319	154.868	134.789	117.706	111.982
65.5	156.959	150.562	130.731	114.109	108.509
66.0	152.617	146.291	126.815	110.600	105.106
66.5	148.311	142.073	122.881	107.038	101.668
67.0	143.951	137.891	119.000	103.511	98.372
67.5	139.592	133.708	115.172	100.109	95.076
68.0	135.410	129.597	111.309	96.688	91.744
68.5	131.139	125.521	107.534	93.321	88.536
69.0	126.903	121.445	103.795	89.972	85.347
69.5	122.792	117.387	100.144	86.658	82.245
70.0	118.628	113.347	96.423	83.415	79.109
70.5	114.516	109.377	92.772	80.190	76.078
71.0	110.405	105.443	89.228	77.053	73.012
71.5	106.382	101.473	85.683	73.934	70.053
72.0	102.377	97.610	82.174	70.833	67.093
72.5	98.390	93.782	78.683	67.802	64.223
73.0	94.509	90.007	75.263	64.754	61.405
73.5	90.628	86.180	71.896	61.848	58.587
74.0	86.817	82.423	68.564	58.924	55.787
74.5	83.043	78.736	65.268	56.088	53.129
75.0	79.321	75.104	61.990	53.235	50.488
75.5	75.671	71.542	58.818	50.524	47.866
76.0	72.109	68.015	55.716	47.813	45.332
76.5	68.529	64.488	52.615	45.207	42.851
77.0	65.144	61.050	49.638	42.602	40.387
77.5	61.706	57.666	46.678	40.086	37.977
78.0	58.286	54.334	43.754	37.623	35.691
78.5	54.901	51.038	40.954	35.230	33.370
79.0	51.676	47.866	38.207	32.873	31.137
79.5	48.504	44.640	35.532	30.516	28.957
80.0	45.349	41.557	32.873	28.301	26.848
80.5	42.213	38.491	30.286	26.104	24.757
81.0	39.182	35.514	27.805	24.013	22.772
81.5	36.187	32.625	25.377	21.939	20.805
82.0	33.299	29.701	23.073	19.919	18.856
82.5	30.481	26.937	20.805	17.952	16.995

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-2-L8-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	27.699	24.208	18.608	16.038	15.099
83.5	24.952	21.602	16.534	14.159	13.291
84.0	22.329	19.051	14.514	12.316	11.537
84.5	19.742	16.640	12.582	10.562	9.853
85.0	17.296	14.319	10.721	8.914	8.205
85.5	14.921	12.086	8.949	7.230	6.433
86.0	12.689	9.959	7.354	5.494	4.484
86.5	10.473	8.046	5.813	3.473	2.765
87.0	8.435	6.238	4.147	2.197	1.967
87.5	6.539	4.643	2.392	1.684	1.542
88.0	4.785	3.172	1.506	1.294	1.205
88.5	3.296	1.772	1.116	0.939	0.833
89.0	2.073	0.886	0.744	0.603	0.532
89.5	1.028	0.478	0.408	0.301	0.266
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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 PHOTOMETRIC FILENAME : LRX4X-2-L8-940-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 : LRX4X-2-L8-940-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 : LRX4X-2-L8-940-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-L8-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	231.78	N.A.	16.50
0-30	475.10	N.A.	33.70
0-40	743.13	N.A.	52.80
0-60	1190.9	N.A.	84.50
0-80	1394.09	N.A.	99.00
0-90	1408.68	N.A.	100.00
10-90	1347.4	N.A.	95.60
20-40	511.36	N.A.	36.30
20-50	759.92	N.A.	53.90
40-70	582.79	N.A.	41.40
60-80	203.19	N.A.	14.40
70-80	68.17	N.A.	4.80
80-90	14.59	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	1408.68	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	61.28
10-20	170.50
20-30	243.32
30-40	268.04
40-50	248.56
50-60	199.21
60-70	135.02
70-80	68.17
80-90	14.59
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-L8-940-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	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-L8-940-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

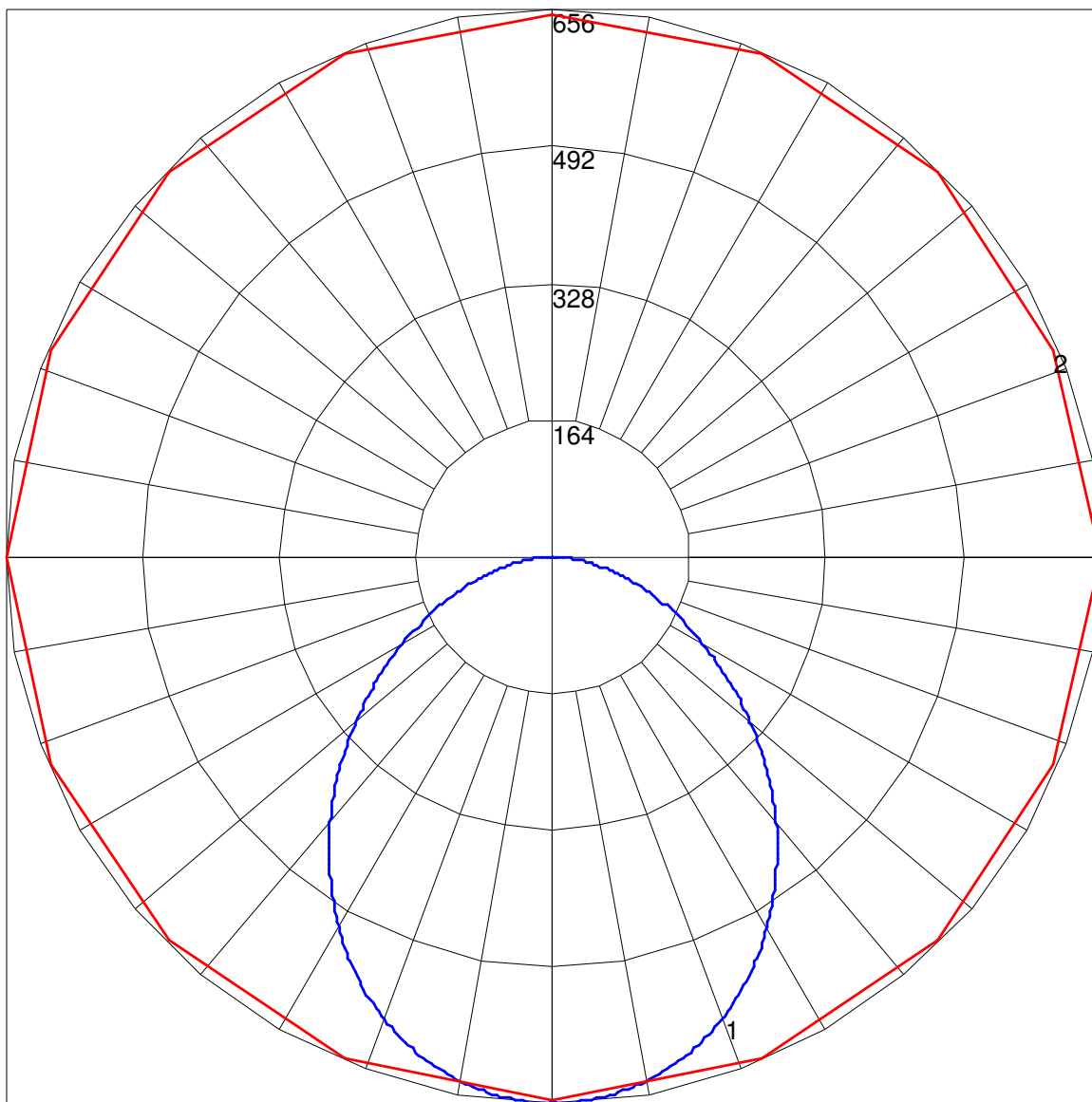
X=2H	Y=2H	18.1	19.7	18.5	20.0	20.3	16.4	17.9	16.8	18.3	18.6
	3H	19.7	21.1	20.1	21.4	21.8	17.7	19.1	18.1	19.5	19.8
	4H	20.3	21.6	20.7	21.9	22.3	18.2	19.5	18.6	19.8	20.2
	6H	20.7	21.9	21.1	22.2	22.6	18.4	19.6	18.8	20.0	20.4
	8H	20.7	21.9	21.2	22.3	22.7	18.5	19.6	18.9	20.0	20.4
	12H	20.8	21.9	21.2	22.3	22.7	18.5	19.6	18.9	20.0	20.4

UGR Viewed Endwise

4H	2H	18.5	19.8	18.9	20.2	20.5	17.1	18.4	17.5	18.7	19.1
	3H	20.3	21.4	20.7	21.8	22.2	18.6	19.7	19.0	20.1	20.5
	4H	21.0	22.0	21.4	22.4	22.8	19.1	20.1	19.6	20.5	21.0
	6H	21.5	22.3	21.9	22.8	23.2	19.5	20.3	19.9	20.8	21.2
	8H	21.6	22.4	22.1	22.9	23.3	19.6	20.4	20.0	20.8	21.3
	12H	21.7	22.4	22.2	22.9	23.4	19.6	20.3	20.1	20.8	21.3
8H	4H	21.1	21.9	21.6	22.4	22.8	19.4	20.2	19.9	20.7	21.1
	6H	21.7	22.4	22.2	22.8	23.3	19.9	20.5	20.4	21.0	21.5
	8H	21.9	22.5	22.4	23.0	23.5	20.0	20.6	20.5	21.1	21.6
	12H	22.0	22.6	22.6	23.1	23.6	20.1	20.6	20.6	21.1	21.6
12H	4H	21.1	21.8	21.6	22.3	22.8	19.5	20.2	20.0	20.7	21.1
	6H	21.7	22.3	22.2	22.8	23.3	19.9	20.5	20.4	21.0	21.5
	8H	21.9	22.5	22.4	22.9	23.5	20.1	20.6	20.6	21.1	21.6

Maximum UGR = 23.6

POLAR GRAPH



Maximum Candela = 655.694 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.)