

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-850-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-L8-850-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	1736
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
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	8470	7509	6648
55	7414	6408	5443
65	6309	5271	4379
75	5065	3958	3224
85	3280	2033	1556

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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	804.250	804.250	804.250	804.250	804.250
0.5	808.182	802.503	804.468	803.813	803.376
1.0	807.963	802.284	804.250	803.595	803.158
1.5	807.745	801.847	804.032	803.158	802.721
2.0	807.308	801.629	803.376	802.284	802.503
2.5	807.090	801.192	802.939	801.847	801.629
3.0	806.434	800.537	802.284	800.755	800.537
3.5	805.997	799.881	801.410	799.881	799.445
4.0	804.905	799.008	800.537	798.789	798.134
4.5	804.468	798.134	799.445	797.479	796.605
5.0	803.376	797.260	798.134	796.168	795.295
5.5	802.939	795.950	796.823	794.421	793.329
6.0	800.974	794.858	795.295	792.673	791.581
6.5	799.881	793.766	793.547	790.708	789.397
7.0	798.571	792.237	792.018	788.742	787.431
7.5	797.260	790.708	790.052	786.557	785.028
8.0	795.731	788.960	788.305	784.155	782.407
8.5	794.202	787.431	786.339	781.534	779.786
9.0	792.455	785.684	783.936	778.912	777.165
9.5	790.489	783.499	781.752	776.073	774.107
10.0	788.960	781.534	779.131	773.452	771.267
10.5	786.557	779.349	776.728	770.612	768.209
11.0	784.373	777.165	773.889	767.336	765.152
11.5	782.189	774.762	771.049	764.059	761.438
12.0	779.786	772.360	768.209	760.565	757.943
12.5	776.947	769.520	765.152	757.070	754.012
13.0	774.544	766.899	761.875	753.356	750.298
13.5	772.141	764.059	758.599	749.643	746.585
14.0	769.083	761.220	755.322	745.493	742.217
14.5	766.462	757.943	751.609	741.561	738.067
15.0	763.404	754.885	747.896	737.411	733.698
15.5	760.346	751.609	744.182	733.043	729.329
16.0	757.070	748.333	740.251	728.674	724.524
16.5	754.012	745.056	736.319	724.087	719.937
17.0	750.517	741.343	732.169	719.500	714.913
17.5	747.240	737.630	728.237	714.695	709.889
18.0	743.527	734.135	723.869	709.889	704.866
18.5	740.251	730.203	719.500	704.866	699.405
19.0	736.319	726.271	714.913	699.623	693.944
19.5	732.606	722.340	710.326	694.599	688.483
20.0	728.674	718.190	705.521	689.357	683.023
20.5	724.742	714.039	700.715	683.896	677.344
21.0	720.592	709.889	695.910	678.436	671.446
21.5	716.661	705.302	690.886	672.757	665.767
22.0	712.292	700.934	685.644	667.078	660.088
22.5	707.924	696.347	680.402	661.398	653.972
23.0	703.773	691.978	675.378	655.282	647.856
23.5	699.405	687.173	669.917	649.385	641.740
24.0	694.818	682.367	664.456	643.487	635.406
24.5	690.231	677.562	658.777	637.371	629.290
25.0	685.425	672.757	653.317	631.255	622.955
25.5	680.402	667.514	647.638	624.921	616.184
26.0	675.596	662.491	641.522	618.587	609.631
26.5	670.791	657.248	635.842	612.252	602.860

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CANDELA TABULATION - (Cont.)

27.0	665.549	652.006	629.726	605.699	596.307
27.5	660.088	646.545	623.829	599.147	589.754
28.0	655.064	641.303	617.713	592.375	582.765
28.5	649.822	635.842	611.815	585.823	575.993
29.0	644.580	630.382	605.699	579.051	569.440
29.5	638.464	624.703	599.365	572.280	562.451
30.0	632.566	618.805	593.031	565.509	555.680
30.5	627.105	613.126	586.915	558.956	548.690
31.0	621.426	607.447	580.580	552.185	541.700
31.5	615.966	601.549	574.246	545.195	534.711
32.0	609.850	595.652	567.693	538.424	527.939
32.5	604.170	589.536	561.359	531.434	520.731
33.0	598.273	583.638	554.587	524.663	513.960
33.5	592.375	577.522	548.471	517.673	506.533
34.0	586.696	571.406	541.700	510.902	499.762
34.5	580.799	565.509	535.147	504.131	492.991
35.0	574.901	559.174	528.376	497.141	486.001
35.5	568.785	552.840	521.823	490.588	478.793
36.0	563.106	546.724	515.270	483.598	472.240
36.5	556.990	540.390	508.499	476.827	465.251
37.0	550.656	534.055	502.165	470.056	458.698
37.5	544.540	527.721	495.612	463.066	451.708
38.0	538.424	521.168	488.841	456.295	444.718
38.5	532.089	515.052	482.288	449.524	437.947
39.0	525.537	508.499	475.735	442.753	431.176
39.5	519.421	502.165	468.964	435.981	424.405
40.0	513.086	495.612	462.411	429.647	417.852
40.5	506.315	489.278	455.640	422.876	410.862
41.0	499.981	482.725	449.087	416.104	403.654
41.5	493.646	476.390	442.534	409.333	396.883
42.0	486.875	469.838	435.981	402.343	389.893
42.5	479.885	463.066	429.428	395.791	383.122
43.0	473.332	456.513	422.876	388.583	376.351
43.5	466.998	450.179	416.323	381.811	370.016
44.0	460.008	443.626	409.770	375.477	363.463
44.5	453.455	437.073	402.562	368.924	356.911
45.0	446.684	430.739	396.009	362.590	350.576
45.5	439.913	423.968	389.238	356.255	344.023
46.0	433.360	417.633	382.903	349.921	337.689
46.5	426.807	411.081	376.569	343.805	331.573
47.0	420.036	404.528	370.235	337.470	325.239
47.5	413.265	397.538	364.119	331.355	319.123
48.0	406.712	390.767	358.003	325.239	312.788
48.5	399.941	384.432	351.668	319.123	306.672
49.0	392.733	377.880	345.552	313.007	300.775
49.5	386.398	371.764	339.655	306.891	294.877
50.0	379.845	365.429	333.539	300.993	288.980
50.5	373.729	359.095	327.423	295.096	283.082
51.0	367.177	352.979	321.307	288.980	277.184
51.5	360.842	346.644	315.409	283.300	271.505
52.0	354.726	340.310	309.293	277.403	265.826
52.5	348.392	334.194	303.396	271.724	260.366
53.0	342.057	328.078	297.498	266.045	254.905
53.5	335.723	321.962	291.819	260.366	249.226
54.0	329.607	315.846	285.703	254.905	243.765
54.5	323.273	309.949	280.024	249.226	238.304

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CANDELA TABULATION - (Cont.)

55.0	317.157	303.833	274.127	243.984	232.844
55.5	310.822	297.935	268.447	238.304	227.601
56.0	304.488	291.819	262.768	233.062	222.359
56.5	298.372	285.922	257.089	227.820	217.445
57.0	292.038	280.024	251.192	222.578	212.268
57.5	285.922	274.345	245.731	217.335	207.222
58.0	279.806	268.447	240.052	212.180	202.264
58.5	273.690	262.550	234.373	207.091	197.306
59.0	267.574	256.871	228.912	202.089	192.391
59.5	261.458	251.192	223.451	197.087	187.607
60.0	255.560	245.513	217.947	192.063	182.846
60.5	249.663	239.833	212.617	187.171	178.084
61.0	243.765	234.373	207.178	182.321	173.410
61.5	238.086	228.694	201.893	177.429	168.801
62.0	232.188	223.014	196.563	172.754	164.345
62.5	226.509	217.619	191.408	168.058	159.802
63.0	220.830	212.224	186.275	163.384	155.346
63.5	215.260	206.829	181.142	158.666	150.846
64.0	209.843	201.478	176.140	154.122	146.521
64.5	204.252	196.126	171.094	149.601	142.218
65.0	198.835	190.884	166.136	145.080	138.024
65.5	193.461	185.576	161.134	140.645	133.743
66.0	188.110	180.312	156.307	136.321	129.549
66.5	182.802	175.113	151.458	131.930	125.312
67.0	177.429	169.958	146.674	127.583	121.249
67.5	172.055	164.804	141.956	123.390	117.186
68.0	166.900	159.736	137.194	119.174	113.080
68.5	161.636	154.712	132.542	115.024	109.126
69.0	156.416	149.688	127.933	110.896	105.195
69.5	151.348	144.686	123.433	106.811	101.372
70.0	146.215	139.706	118.846	102.814	97.506
70.5	141.148	134.813	114.347	98.838	93.771
71.0	136.080	129.964	109.978	94.972	89.992
71.5	131.122	125.072	105.610	91.128	86.344
72.0	126.186	120.310	101.285	87.305	82.697
72.5	121.271	115.592	96.982	83.570	79.158
73.0	116.487	110.939	92.766	79.813	75.685
73.5	111.704	106.221	88.616	76.231	72.212
74.0	107.008	101.591	84.510	72.627	68.761
74.5	102.355	97.047	80.447	69.132	65.485
75.0	97.768	92.570	76.406	65.616	62.230
75.5	93.269	88.179	72.496	62.274	58.997
76.0	88.878	83.832	68.674	58.932	55.874
76.5	84.466	79.486	64.851	55.721	52.816
77.0	80.294	75.248	61.182	52.510	49.780
77.5	76.056	71.076	57.534	49.408	46.809
78.0	71.841	66.970	53.930	46.372	43.991
78.5	67.669	62.907	50.479	43.423	41.130
79.0	63.693	58.997	47.093	40.518	38.378
79.5	59.784	55.022	43.795	37.613	35.691
80.0	55.896	51.221	40.518	34.883	33.092
80.5	52.029	47.442	37.329	32.174	30.514
81.0	48.294	43.773	34.271	29.597	28.068
81.5	44.603	40.213	31.279	27.041	25.643
82.0	41.043	36.608	28.439	24.551	23.241
82.5	37.570	33.201	25.643	22.127	20.947

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CANDELA TABULATION - (Cont.)

83.0	34.140	29.837	22.935	19.768	18.610
83.5	30.755	26.626	20.379	17.452	16.382
84.0	27.522	23.481	17.889	15.181	14.220
84.5	24.333	20.510	15.508	13.018	12.145
85.0	21.319	17.649	13.215	10.987	10.113
85.5	18.392	14.897	11.031	8.912	7.929
86.0	15.639	12.276	9.065	6.771	5.526
86.5	12.909	9.917	7.164	4.281	3.407
87.0	10.397	7.689	5.111	2.709	2.425
87.5	8.060	5.723	2.949	2.075	1.900
88.0	5.898	3.910	1.857	1.595	1.485
88.5	4.063	2.184	1.376	1.158	1.027
89.0	2.556	1.092	0.917	0.743	0.655
89.5	1.267	0.590	0.502	0.371	0.328
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-L8-850-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-L8-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	285.68	N.A.	16.50
0-30	585.59	N.A.	33.70
0-40	915.96	N.A.	52.80
0-60	1467.86	N.A.	84.50
0-80	1718.3	N.A.	99.00
0-90	1736.28	N.A.	100.00
10-90	1660.75	N.A.	95.60
20-40	630.28	N.A.	36.30
20-50	936.64	N.A.	53.90
40-70	718.32	N.A.	41.40
60-80	250.44	N.A.	14.40
70-80	84.02	N.A.	4.80
80-90	17.98	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	1736.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	75.53
10-20	210.15
20-30	299.91
30-40	330.37
40-50	306.36
50-60	245.54
60-70	166.42
70-80	84.02
80-90	17.98
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-L8-850-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	52	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-L8-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

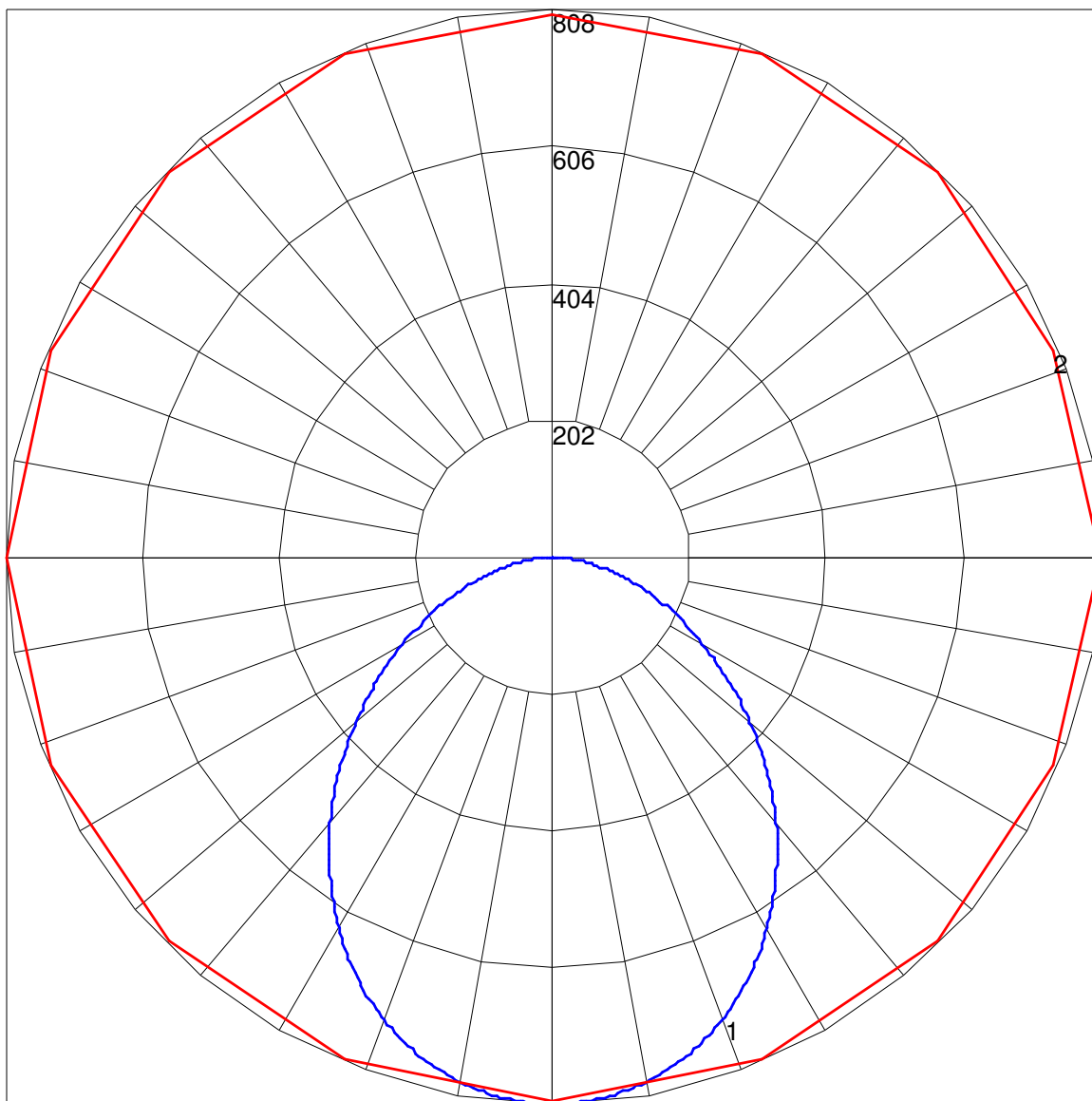
Reflectances

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	18.8	20.4	19.2	20.7	21.0	17.1	18.6	17.5	19.0	19.3
	3H	20.4	21.8	20.8	22.1	22.5	18.4	19.8	18.8	20.2	20.5
	4H	21.0	22.3	21.4	22.6	23.0	18.9	20.2	19.3	20.5	20.9
	6H	21.3	22.5	21.8	22.9	23.3	19.1	20.3	19.5	20.7	21.1
	8H	21.4	22.6	21.9	23.0	23.4	19.2	20.3	19.6	20.7	21.1
	12H	21.5	22.6	21.9	23.0	23.4	19.2	20.3	19.6	20.7	21.1
4H	2H	19.2	20.5	19.6	20.8	21.2	17.8	19.1	18.2	19.4	19.8
	3H	21.0	22.1	21.4	22.5	22.9	19.3	20.4	19.7	20.8	21.2
	4H	21.7	22.7	22.1	23.1	23.5	19.8	20.8	20.3	21.2	21.7
	6H	22.2	23.0	22.6	23.5	23.9	20.2	21.0	20.6	21.5	21.9
	8H	22.3	23.1	22.8	23.6	24.0	20.3	21.1	20.7	21.5	22.0
	12H	22.4	23.1	22.9	23.6	24.1	20.3	21.0	20.8	21.5	22.0
8H	4H	21.8	22.6	22.3	23.0	23.5	20.1	20.9	20.6	21.4	21.8
	6H	22.4	23.1	22.9	23.5	24.0	20.6	21.2	21.1	21.7	22.2
	8H	22.6	23.2	23.1	23.7	24.2	20.7	21.3	21.2	21.8	22.3
	12H	22.7	23.3	23.3	23.8	24.3	20.8	21.3	21.3	21.8	22.3
12H	4H	21.8	22.5	22.3	23.0	23.5	20.2	20.9	20.7	21.4	21.8
	6H	22.4	23.0	22.9	23.5	24.0	20.6	21.2	21.1	21.7	22.2
	8H	22.6	23.2	23.1	23.6	24.2	20.8	21.3	21.3	21.8	22.3

Maximum UGR = 24.3

POLAR GRAPH



Maximum Candela = 808.182 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.)