

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L8-930-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-L8-930-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	2647
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	30.8
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	11305	9788	8538
55	9991	8380	6933
65	8570	6744	5443
75	6876	4808	3735
85	4527	1433	776

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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	1258.925	1258.925	1258.925	1258.925	1258.925
0.5	1260.887	1256.963	1260.102	1259.317	1255.785
1.0	1260.102	1256.570	1260.102	1258.925	1255.393
1.5	1259.710	1255.785	1258.925	1257.747	1254.216
2.0	1259.317	1255.393	1258.532	1256.963	1253.038
2.5	1258.532	1254.608	1257.355	1255.393	1251.861
3.0	1257.747	1253.823	1256.178	1253.823	1249.899
3.5	1256.570	1252.646	1254.216	1251.469	1247.937
4.0	1255.393	1251.076	1252.646	1249.506	1245.190
4.5	1254.216	1249.506	1250.291	1246.759	1242.050
5.0	1253.431	1247.937	1248.329	1243.620	1239.303
5.5	1251.076	1245.974	1245.582	1240.873	1236.164
6.0	1249.506	1244.012	1242.835	1237.341	1232.632
6.5	1247.544	1241.658	1240.088	1233.417	1228.707
7.0	1245.190	1238.911	1236.948	1229.885	1223.998
7.5	1242.835	1236.556	1233.417	1225.176	1219.289
8.0	1240.480	1233.809	1229.885	1220.859	1214.187
8.5	1237.733	1230.670	1225.960	1216.150	1209.871
9.0	1234.594	1227.530	1222.036	1211.048	1204.769
9.5	1231.847	1224.783	1217.719	1205.946	1198.883
10.0	1228.707	1221.251	1213.403	1200.452	1192.996
10.5	1225.960	1217.719	1208.693	1194.566	1186.717
11.0	1222.428	1213.795	1203.592	1188.679	1179.653
11.5	1219.289	1210.263	1198.490	1182.400	1173.767
12.0	1216.934	1206.731	1192.996	1176.121	1167.095
12.5	1211.833	1202.807	1187.502	1169.058	1160.424
13.0	1207.124	1198.098	1182.008	1162.386	1152.968
13.5	1203.199	1192.604	1176.121	1155.715	1145.512
14.0	1198.490	1187.502	1169.842	1148.259	1138.055
14.5	1193.781	1182.008	1163.564	1140.802	1130.207
15.0	1189.072	1176.906	1157.677	1133.346	1121.966
15.5	1184.362	1171.805	1151.398	1125.105	1113.725
16.0	1179.261	1166.311	1145.119	1117.256	1105.876
16.5	1174.552	1160.424	1138.055	1109.408	1097.242
17.0	1168.665	1154.538	1130.207	1100.774	1088.216
17.5	1163.171	1148.651	1122.751	1092.533	1079.583
18.0	1158.069	1142.372	1115.294	1083.900	1070.165
18.5	1151.791	1136.093	1107.446	1074.874	1061.139
19.0	1145.904	1129.814	1099.597	1066.633	1052.113
19.5	1140.410	1123.143	1091.748	1057.214	1041.909
20.0	1133.739	1116.472	1083.900	1047.796	1032.491
20.5	1127.852	1110.193	1076.051	1038.770	1023.073
21.0	1121.573	1103.129	1067.417	1029.744	1013.262
21.5	1114.902	1096.065	1058.784	1020.326	1003.451
22.0	1108.231	1089.001	1050.543	1010.515	993.640
22.5	1101.559	1081.545	1042.302	1000.704	983.829
23.0	1094.495	1074.481	1033.276	990.893	973.626
23.5	1087.824	1067.025	1024.250	981.475	963.423
24.0	1079.975	1059.176	1015.224	971.271	953.612
24.5	1072.912	1051.328	1005.806	961.461	943.409
25.0	1065.455	1043.479	997.172	951.257	933.205
25.5	1057.999	1035.630	987.754	941.054	922.610
26.0	1050.543	1026.997	978.335	931.243	912.406
26.5	1042.694	1019.148	968.917	921.040	901.811

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CANDELA TABULATION - (Cont.)

27.0	1034.453	1010.515	959.498	910.837	891.608
27.5	1026.212	1002.274	949.688	900.634	881.012
28.0	1017.186	993.640	940.269	890.430	870.416
28.5	1008.160	985.007	930.851	880.619	859.820
29.0	999.919	976.373	920.648	870.024	849.225
29.5	991.678	967.347	910.837	859.428	838.237
30.0	982.652	958.321	901.418	849.225	828.426
30.5	974.411	949.688	891.608	838.629	817.830
31.0	965.385	940.662	881.797	828.033	807.627
31.5	957.144	931.243	871.593	817.830	797.424
32.0	948.118	921.825	861.783	807.234	786.828
32.5	939.092	912.406	851.579	796.246	776.232
33.0	930.458	902.988	841.769	786.043	766.029
33.5	921.432	893.962	831.958	776.232	755.826
34.0	912.014	884.151	821.754	765.637	745.230
34.5	902.988	874.733	811.944	755.433	735.419
35.0	893.570	865.315	801.740	745.230	724.431
35.5	884.936	855.504	791.537	735.027	713.835
36.0	875.518	846.085	781.726	724.431	702.455
36.5	866.099	836.275	771.523	713.835	692.644
37.0	857.073	826.464	761.320	702.847	682.441
37.5	847.263	816.653	751.901	692.644	672.630
38.0	837.059	807.234	741.698	682.833	662.427
38.5	827.641	797.031	731.495	673.022	652.616
39.0	818.615	787.220	720.507	662.819	642.805
39.5	808.412	777.410	709.911	653.008	632.994
40.0	798.993	767.599	699.708	643.590	623.183
40.5	789.183	757.788	689.897	633.387	613.373
41.0	778.587	747.977	680.086	623.968	603.562
41.5	768.776	737.774	669.883	614.157	594.143
42.0	758.573	727.571	660.465	604.739	584.333
42.5	748.370	716.975	650.261	594.928	574.914
43.0	738.559	705.987	641.235	585.510	565.103
43.5	727.963	696.176	631.425	576.091	555.293
44.0	716.975	686.365	621.614	566.673	545.482
44.5	705.594	676.162	612.195	557.255	535.671
45.0	695.784	666.351	602.384	547.836	525.468
45.5	685.973	656.540	592.966	538.418	515.657
46.0	675.769	646.729	583.155	528.607	506.238
46.5	665.566	636.919	573.737	519.189	496.428
47.0	655.363	627.108	564.711	509.378	487.009
47.5	645.552	617.297	555.293	499.960	477.591
48.0	635.349	607.486	545.874	490.149	468.172
48.5	625.538	598.068	536.456	480.730	458.754
49.0	615.727	588.257	527.430	471.312	449.336
49.5	605.524	578.446	518.011	461.894	440.310
50.0	596.106	569.028	508.985	452.868	431.676
50.5	586.295	559.217	499.960	443.449	422.650
51.0	576.484	549.798	490.934	434.423	413.624
51.5	566.673	540.380	481.908	425.397	404.991
52.0	556.862	530.962	472.882	416.371	396.357
52.5	547.444	521.543	463.856	407.738	387.645
53.0	537.633	512.517	454.830	398.712	378.894
53.5	527.822	503.099	445.804	390.039	370.967
54.0	518.011	493.681	436.778	381.366	362.373
54.5	508.593	484.262	427.359	372.850	354.131

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CANDELA TABULATION - (Cont.)

55.0	498.782	475.236	418.333	364.178	346.126
55.5	489.364	466.210	409.308	355.819	338.120
56.0	479.553	457.184	399.889	347.421	330.036
56.5	470.135	447.766	391.020	339.258	321.913
57.0	460.324	439.132	382.112	331.017	314.143
57.5	451.298	430.106	373.204	322.972	306.294
58.0	441.879	421.080	364.335	314.967	298.720
58.5	432.069	412.055	355.662	307.039	291.028
59.0	423.043	403.029	346.911	299.230	283.415
59.5	413.624	394.395	338.238	291.421	276.037
60.0	404.598	385.526	329.722	283.847	268.817
60.5	395.180	376.893	321.363	276.155	261.478
61.0	386.075	368.220	313.004	268.542	254.336
61.5	376.971	359.586	304.646	261.086	247.390
62.0	367.906	350.953	296.326	253.943	240.365
62.5	359.037	342.515	288.085	246.683	233.380
63.0	350.168	334.117	279.962	239.463	226.630
63.5	341.495	325.798	271.838	232.360	220.037
64.0	332.548	317.439	263.872	225.374	213.248
64.5	323.836	309.198	255.945	218.428	206.694
65.0	315.241	300.918	248.057	211.600	200.219
65.5	306.608	292.716	240.247	204.771	193.744
66.0	298.131	284.710	232.516	198.139	187.347
66.5	289.733	276.626	224.943	191.429	181.108
67.0	281.217	268.542	217.290	184.875	174.907
67.5	272.859	260.575	209.873	178.400	168.668
68.0	264.657	252.452	202.338	171.964	162.585
68.5	256.416	244.289	195.118	165.685	156.541
69.0	248.253	235.970	187.897	159.367	150.577
69.5	240.130	227.886	180.755	153.206	144.768
70.0	231.967	219.762	173.691	147.123	138.804
70.5	223.883	211.639	166.705	141.080	133.152
71.0	215.838	203.633	159.799	135.075	127.423
71.5	208.029	195.746	153.010	129.228	121.693
72.0	200.337	187.936	146.338	123.342	116.082
72.5	192.449	180.323	139.745	117.612	110.548
73.0	184.797	172.670	133.270	111.922	105.172
73.5	177.105	165.057	126.913	106.271	99.717
74.0	169.688	157.719	120.634	100.855	94.498
74.5	162.232	150.380	114.473	95.322	89.278
75.0	154.893	143.081	108.311	89.946	84.138
75.5	147.594	136.017	102.346	84.648	79.193
76.0	140.569	128.953	96.499	79.546	74.248
76.5	133.584	122.125	90.691	74.523	69.500
77.0	126.677	115.218	85.040	69.539	64.948
77.5	119.927	108.508	79.468	64.751	60.395
78.0	113.217	101.915	73.974	60.081	55.961
78.5	106.703	95.440	68.519	55.529	51.644
79.0	100.267	89.043	63.260	51.056	47.406
79.5	94.066	82.725	58.159	46.739	43.207
80.0	87.944	76.564	53.214	42.540	39.165
80.5	81.940	70.520	48.426	38.341	35.123
81.0	76.014	64.555	43.874	34.259	31.198
81.5	70.245	58.786	39.400	30.217	27.196
82.0	64.634	53.214	35.162	26.332	23.232
82.5	59.179	47.798	31.002	22.329	19.033

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CANDELA TABULATION - (Cont.)

83.0	53.881	42.540	26.921	18.248	14.520
83.5	48.740	37.438	22.997	13.735	9.693
84.0	43.756	32.611	19.151	9.144	7.495
84.5	38.969	27.980	15.266	6.985	6.632
85.0	34.338	23.585	10.870	6.122	5.886
85.5	29.903	19.465	6.593	5.376	5.180
86.0	25.626	15.540	5.180	4.631	4.474
86.5	21.466	11.851	4.395	3.924	3.767
87.0	17.581	8.241	3.650	3.257	3.100
87.5	13.853	4.356	2.904	2.551	2.472
88.0	10.360	2.747	2.237	1.923	1.805
88.5	7.142	2.041	1.570	1.334	1.256
89.0	4.356	1.334	0.942	0.785	0.746
89.5	1.962	0.706	0.471	0.392	0.314
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L8-930-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-L8-930-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-L8-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	442.73	N.A.	16.70
0-30	901.27	N.A.	34.10
0-40	1404.38	N.A.	53.10
0-60	2248.53	N.A.	85.00
0-80	2624.44	N.A.	99.20
0-90	2646.82	N.A.	100.00
10-90	2528.96	N.A.	95.50
20-40	961.65	N.A.	36.30
20-50	1429.83	N.A.	54.00
40-70	1096.88	N.A.	41.40
60-80	375.91	N.A.	14.20
70-80	123.18	N.A.	4.70
80-90	22.38	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	2646.82	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	117.87
10-20	324.86
20-30	458.55
30-40	503.10
40-50	468.17
50-60	375.98
60-70	252.73
70-80	123.18
80-90	22.38
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-L8-930-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	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	82	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-L8-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

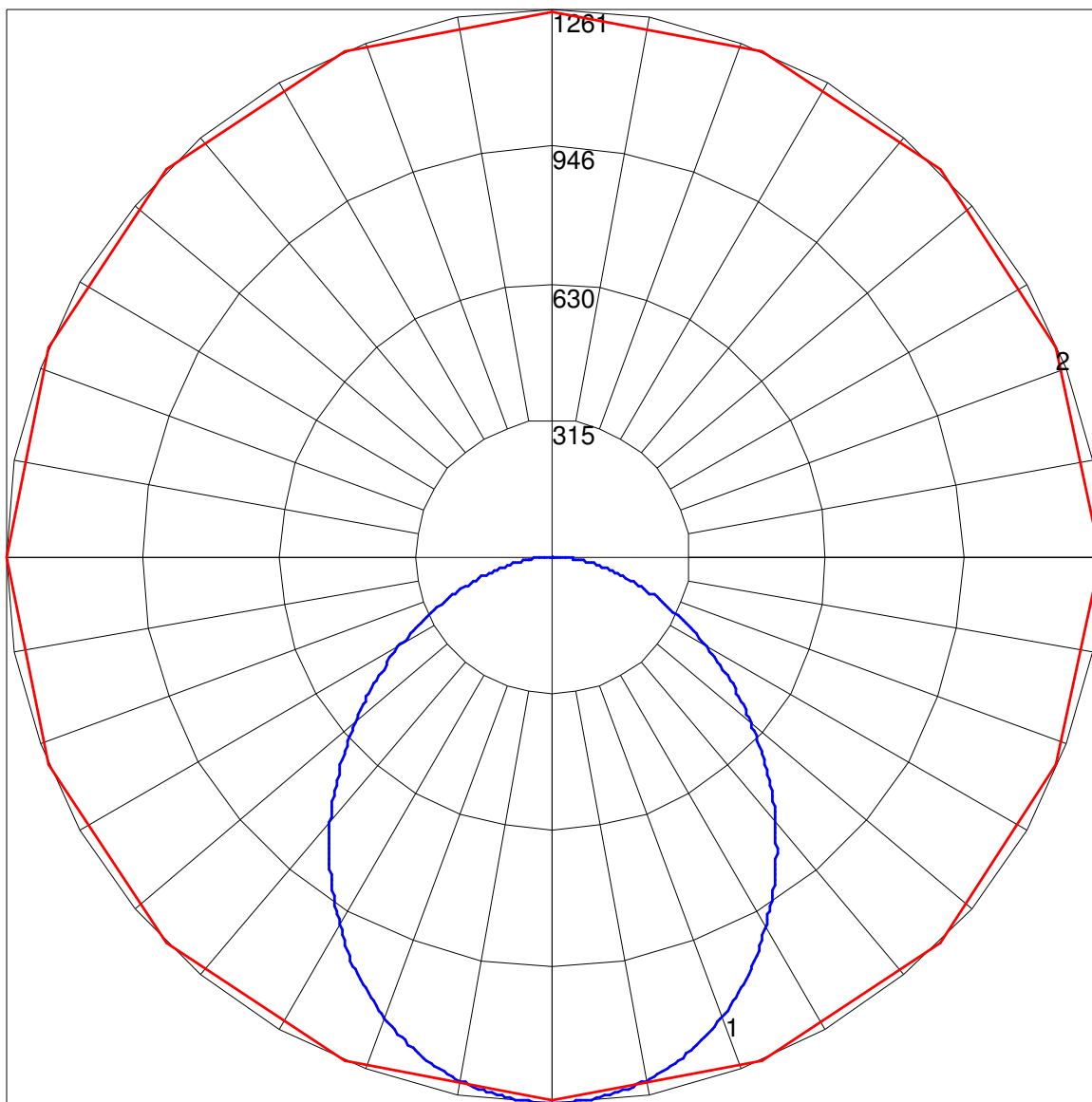
Reflectances

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	20.0	21.5	20.4	21.9	22.2	17.9	19.4	18.3	19.7	20.0
	3H	21.6	23.0	22.0	23.3	23.7	19.1	20.5	19.5	20.9	21.2
	4H	22.2	23.5	22.6	23.8	24.2	19.5	20.8	19.9	21.2	21.5
	6H	22.5	23.7	22.9	24.1	24.5	19.7	20.9	20.1	21.3	21.7
	8H	22.6	23.8	23.1	24.2	24.6	19.7	20.9	20.2	21.2	21.6
	12H	22.7	23.8	23.1	24.2	24.6	19.7	20.8	20.1	21.2	21.6
4H	2H	20.3	21.6	20.7	22.0	22.3	18.6	19.9	19.0	20.2	20.6
	3H	22.2	23.2	22.6	23.6	24.0	20.0	21.1	20.4	21.5	21.9
	4H	22.8	23.8	23.3	24.2	24.7	20.5	21.4	20.9	21.9	22.3
	6H	23.3	24.2	23.8	24.6	25.1	20.7	21.6	21.2	22.0	22.5
	8H	23.5	24.2	23.9	24.7	25.2	20.7	21.5	21.2	22.0	22.4
	12H	23.5	24.3	24.0	24.7	25.2	20.7	21.4	21.2	21.9	22.4
8H	4H	22.9	23.7	23.4	24.1	24.6	20.8	21.6	21.2	22.0	22.5
	6H	23.5	24.1	24.0	24.6	25.1	21.1	21.7	21.6	22.2	22.7
	8H	23.7	24.3	24.2	24.8	25.3	21.1	21.7	21.6	22.2	22.7
	12H	23.8	24.3	24.3	24.8	25.4	21.1	21.6	21.6	22.1	22.7
12H	4H	22.9	23.6	23.4	24.1	24.6	20.8	21.5	21.3	22.0	22.5
	6H	23.5	24.1	24.0	24.5	25.1	21.1	21.7	21.7	22.2	22.7
	8H	23.7	24.2	24.2	24.7	25.3	21.2	21.7	21.7	22.2	22.8

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 1260.887 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.)