

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L8-940-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-L8-940-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	2776
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	90
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	11857	10265	8954
55	10478	8788	7271
65	8988	7073	5709
75	7211	5043	3917
85	4747	1503	814

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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	1320.336	1320.336	1320.336	1320.336	1320.336
0.5	1322.394	1318.278	1321.571	1320.747	1317.043
1.0	1321.571	1317.866	1321.571	1320.336	1316.632
1.5	1321.159	1317.043	1320.336	1319.101	1315.397
2.0	1320.747	1316.632	1319.924	1318.278	1314.162
2.5	1319.924	1315.808	1318.690	1316.632	1312.927
3.0	1319.101	1314.985	1317.455	1314.985	1310.870
3.5	1317.866	1313.751	1315.397	1312.516	1308.812
4.0	1316.632	1312.104	1313.751	1310.458	1305.931
4.5	1315.397	1310.458	1311.281	1307.577	1302.638
5.0	1314.574	1308.812	1309.223	1304.284	1299.757
5.5	1312.104	1306.754	1306.342	1301.403	1296.464
6.0	1310.458	1304.696	1303.461	1297.699	1292.760
6.5	1308.400	1302.226	1300.580	1293.583	1288.644
7.0	1305.931	1299.345	1297.288	1289.879	1283.706
7.5	1303.461	1296.876	1293.583	1284.940	1278.767
8.0	1300.992	1293.995	1289.879	1280.413	1273.416
8.5	1298.111	1290.702	1285.763	1275.474	1268.889
9.0	1294.818	1287.410	1281.648	1270.124	1263.538
9.5	1291.937	1284.529	1277.120	1264.773	1257.365
10.0	1288.644	1280.825	1272.593	1259.011	1251.191
10.5	1285.763	1277.120	1267.654	1252.837	1244.606
11.0	1282.059	1273.005	1262.304	1246.664	1237.197
11.5	1278.767	1269.300	1256.953	1240.078	1231.024
12.0	1276.297	1265.596	1251.191	1233.493	1224.027
12.5	1270.947	1261.480	1245.429	1226.085	1217.030
13.0	1266.008	1256.542	1239.667	1219.088	1209.210
13.5	1261.892	1250.779	1233.493	1212.091	1201.390
14.0	1256.953	1245.429	1226.908	1204.271	1193.570
14.5	1252.014	1239.667	1220.323	1196.451	1185.339
15.0	1247.075	1234.316	1214.149	1188.631	1176.696
15.5	1242.136	1228.966	1207.564	1179.988	1168.053
16.0	1236.786	1223.204	1200.979	1171.757	1159.821
16.5	1231.847	1217.030	1193.570	1163.525	1150.767
17.0	1225.673	1210.857	1185.339	1154.471	1141.300
17.5	1219.911	1204.683	1177.519	1145.828	1132.246
18.0	1214.561	1198.098	1169.699	1136.773	1122.368
18.5	1207.976	1191.513	1161.467	1127.307	1112.902
19.0	1201.802	1184.927	1153.236	1118.664	1103.435
19.5	1196.040	1177.931	1145.004	1108.786	1092.734
20.0	1189.043	1170.934	1136.773	1098.908	1082.856
20.5	1182.869	1164.349	1128.541	1089.442	1072.979
21.0	1176.284	1156.940	1119.487	1079.975	1062.689
21.5	1169.287	1149.532	1110.432	1070.098	1052.400
22.0	1162.291	1142.123	1101.789	1059.808	1042.110
22.5	1155.294	1134.303	1093.146	1049.519	1031.821
23.0	1147.885	1126.895	1083.680	1039.229	1021.120
23.5	1140.889	1119.075	1074.213	1029.352	1010.419
24.0	1132.657	1110.844	1064.747	1018.651	1000.130
24.5	1125.249	1102.612	1054.869	1008.361	989.429
25.0	1117.429	1094.381	1045.815	997.660	978.728
25.5	1109.609	1086.149	1035.937	986.959	967.615
26.0	1101.789	1077.094	1026.059	976.670	956.914
26.5	1093.557	1068.863	1016.181	965.969	945.802

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CANDELA TABULATION - (Cont.)

27.0	1084.914	1059.808	1006.303	955.268	935.101
27.5	1076.271	1051.165	996.014	944.567	923.988
28.0	1066.805	1042.110	986.136	933.866	912.876
28.5	1057.339	1033.056	976.258	923.577	901.763
29.0	1048.696	1024.001	965.557	912.464	890.650
29.5	1040.053	1014.535	955.268	901.351	879.126
30.0	1030.586	1005.069	945.390	890.650	868.837
30.5	1021.943	996.014	935.101	879.538	857.724
31.0	1012.477	986.548	924.811	868.425	847.023
31.5	1003.834	976.670	914.110	857.724	836.322
32.0	994.368	966.792	903.821	846.612	825.210
32.5	984.901	956.914	893.120	835.088	814.097
33.0	975.847	947.036	882.831	824.387	803.396
33.5	966.380	937.570	872.541	814.097	792.695
34.0	956.503	927.281	861.840	802.985	781.583
34.5	947.036	917.403	851.551	792.284	771.293
35.0	937.159	907.525	840.850	781.583	759.769
35.5	928.104	897.236	830.149	770.882	748.657
36.0	918.226	887.358	819.859	759.769	736.721
36.5	908.348	877.068	809.158	748.657	726.432
37.0	898.882	866.779	798.457	737.133	715.731
37.5	888.593	856.490	788.580	726.432	705.441
38.0	877.892	846.612	777.879	716.142	694.740
38.5	868.014	835.911	767.178	705.853	684.451
39.0	858.548	825.621	755.654	695.152	674.161
39.5	847.847	815.332	744.541	684.862	663.872
40.0	837.969	805.043	733.840	674.985	653.583
40.5	827.679	794.753	723.551	664.284	643.293
41.0	816.567	784.464	713.261	654.406	633.004
41.5	806.277	773.763	702.560	644.116	623.126
42.0	795.576	763.062	692.682	634.239	612.837
42.5	784.875	751.949	681.981	623.949	602.959
43.0	774.586	740.425	672.515	614.071	592.669
43.5	763.473	730.136	662.226	604.194	582.380
44.0	751.949	719.846	651.936	594.316	572.091
44.5	740.014	709.145	642.059	584.438	561.801
45.0	729.724	698.856	631.769	574.560	551.100
45.5	719.435	688.567	621.891	564.682	540.811
46.0	708.734	678.277	611.602	554.393	530.933
46.5	698.033	667.988	601.724	544.515	520.644
47.0	687.332	657.698	592.258	534.226	510.766
47.5	677.043	647.409	582.380	524.348	500.888
48.0	666.342	637.120	572.502	514.058	491.010
48.5	656.052	627.242	562.624	504.181	481.132
49.0	645.763	616.952	553.158	494.303	471.255
49.5	635.062	606.663	543.280	484.425	461.788
50.0	625.184	596.785	533.814	474.959	452.734
50.5	614.895	586.496	524.348	465.081	443.267
51.0	604.605	576.618	514.882	455.615	433.801
51.5	594.316	566.740	505.415	446.148	424.746
52.0	584.026	556.862	495.949	436.682	415.692
52.5	574.149	546.985	486.483	427.627	406.555
53.0	563.859	537.518	477.017	418.161	397.377
53.5	553.570	527.640	467.550	409.065	389.063
54.0	543.280	517.763	458.084	399.970	380.049
54.5	533.402	507.885	448.206	391.038	371.406

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CANDELA TABULATION - (Cont.)

55.0	523.113	498.419	438.740	381.943	363.010
55.5	513.235	488.952	429.274	373.176	354.614
56.0	502.946	479.486	419.396	364.368	346.135
56.5	493.068	469.608	410.094	355.807	337.616
57.0	482.779	460.554	400.752	347.164	329.467
57.5	473.312	451.087	391.409	338.727	321.235
58.0	463.435	441.621	382.107	330.331	313.292
58.5	453.145	432.155	373.011	322.017	305.225
59.0	443.679	422.689	363.833	313.827	297.240
59.5	433.801	413.634	354.737	305.636	289.503
60.0	424.335	404.332	345.806	297.693	281.930
60.5	414.457	395.278	337.040	289.626	274.233
61.0	404.908	386.182	328.273	281.641	266.742
61.5	395.360	377.127	319.506	273.822	259.458
62.0	385.853	368.072	310.781	266.331	252.090
62.5	376.551	359.224	302.138	258.717	244.764
63.0	367.249	350.416	293.618	251.144	237.685
63.5	358.153	341.690	285.099	243.694	230.771
64.0	348.770	332.924	276.744	236.368	223.650
64.5	339.633	324.281	268.430	229.083	216.777
65.0	330.619	315.596	260.157	221.922	209.986
65.5	321.564	306.995	251.967	214.760	203.195
66.0	312.674	298.598	243.859	207.805	196.486
66.5	303.867	290.120	235.915	200.767	189.942
67.0	294.935	281.641	227.890	193.893	183.439
67.5	286.169	273.286	220.111	187.102	176.895
68.0	277.567	264.767	212.209	180.353	170.516
68.5	268.924	256.206	204.636	173.767	164.178
69.0	260.363	247.481	197.063	167.141	157.922
69.5	251.843	239.002	189.572	160.679	151.830
70.0	243.283	230.483	182.164	154.300	145.574
70.5	234.804	221.963	174.837	147.962	139.648
71.0	226.367	213.567	167.594	141.664	133.639
71.5	218.176	205.294	160.473	135.532	127.630
72.0	210.110	197.104	153.477	129.358	121.744
72.5	201.837	189.119	146.562	123.349	115.941
73.0	193.811	181.093	139.771	117.381	110.302
73.5	185.744	173.109	133.104	111.455	104.581
74.0	177.965	165.412	126.518	105.775	99.108
74.5	170.146	157.716	120.057	99.972	93.634
75.0	162.449	150.061	113.595	94.333	88.242
75.5	154.794	142.652	107.339	88.777	83.056
76.0	147.427	135.244	101.207	83.426	77.870
76.5	140.100	128.082	95.115	78.158	72.890
77.0	132.857	120.839	89.189	72.931	68.116
77.5	125.778	113.801	83.344	67.910	63.342
78.0	118.740	106.886	77.582	63.012	58.691
78.5	111.908	100.095	71.861	58.238	54.163
79.0	105.158	93.387	66.346	53.546	49.718
79.5	98.655	86.760	60.996	49.019	45.315
80.0	92.234	80.298	55.810	44.615	41.075
80.5	85.937	73.960	50.788	40.211	36.836
81.0	79.722	67.704	46.014	35.931	32.720
81.5	73.672	61.654	41.322	31.691	28.522
82.0	67.787	55.810	36.877	27.617	24.365
82.5	62.066	50.130	32.515	23.419	19.961

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CANDELA TABULATION - (Cont.)

83.0	56.509	44.615	28.234	19.138	15.228
83.5	51.118	39.264	24.118	14.405	10.166
84.0	45.891	34.202	20.085	9.590	7.861
84.5	40.869	29.345	16.010	7.326	6.956
85.0	36.013	24.736	11.401	6.421	6.174
85.5	31.362	20.414	6.914	5.639	5.433
86.0	26.876	16.298	5.433	4.857	4.692
86.5	22.513	12.430	4.610	4.116	3.951
87.0	18.439	8.643	3.828	3.416	3.251
87.5	14.529	4.568	3.046	2.675	2.593
88.0	10.866	2.881	2.346	2.017	1.893
88.5	7.491	2.140	1.646	1.399	1.317
89.0	4.568	1.399	0.988	0.823	0.782
89.5	2.058	0.741	0.494	0.412	0.329
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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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-L8-940-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 : LRX2X-4-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 : LRX2X-4-L8-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	464.32	N.A.	16.70
0-30	945.24	N.A.	34.10
0-40	1472.88	N.A.	53.10
0-60	2358.22	N.A.	85.00
0-80	2752.46	N.A.	99.20
0-90	2775.93	N.A.	100.00
10-90	2652.32	N.A.	95.50
20-40	1008.56	N.A.	36.30
20-50	1499.57	N.A.	54.00
40-70	1150.39	N.A.	41.40
60-80	394.24	N.A.	14.20
70-80	129.19	N.A.	4.70
80-90	23.48	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	2775.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	123.62
10-20	340.71
20-30	480.92
30-40	527.65
40-50	491.01
50-60	394.32
60-70	265.06
70-80	129.19
80-90	23.48
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-L8-940-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	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-L8-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

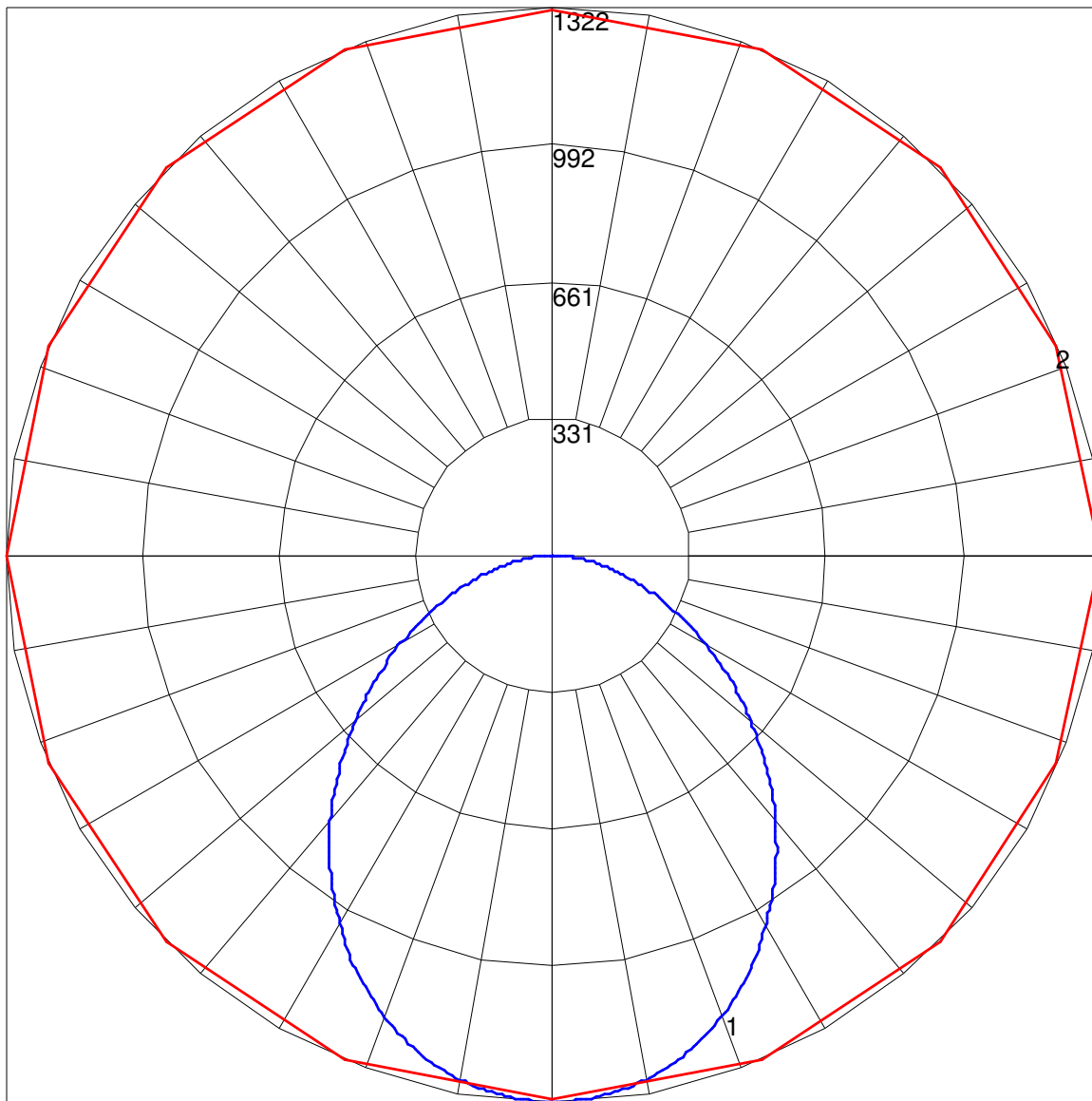
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	20.2	21.7	20.6	22.1	22.4	18.1	19.6	18.5	19.9	20.2
	3H	21.8	23.2	22.2	23.5	23.9	19.3	20.7	19.7	21.1	21.4
	4H	22.4	23.7	22.8	24.0	24.4	19.7	21.0	20.1	21.4	21.7
	6H	22.7	23.9	23.1	24.3	24.7	19.9	21.1	20.3	21.5	21.9
	8H	22.8	24.0	23.3	24.4	24.8	19.9	21.1	20.4	21.4	21.8
	12H	22.9	24.0	23.3	24.4	24.8	19.9	21.0	20.3	21.4	21.8
4H	2H	20.5	21.8	20.9	22.2	22.5	18.8	20.1	19.2	20.4	20.8
	3H	22.4	23.4	22.8	23.8	24.2	20.2	21.3	20.6	21.7	22.1
	4H	23.0	24.0	23.5	24.4	24.9	20.7	21.6	21.1	22.1	22.5
	6H	23.5	24.4	24.0	24.8	25.3	20.9	21.8	21.4	22.2	22.7
	8H	23.7	24.4	24.1	24.9	25.4	20.9	21.7	21.4	22.2	22.6
	12H	23.7	24.5	24.2	24.9	25.4	20.9	21.6	21.4	22.1	22.6
8H	4H	23.1	23.9	23.6	24.3	24.8	21.0	21.8	21.4	22.2	22.7
	6H	23.7	24.3	24.2	24.8	25.3	21.3	21.9	21.8	22.4	22.9
	8H	23.9	24.5	24.4	25.0	25.5	21.3	21.9	21.8	22.4	22.9
	12H	24.0	24.5	24.5	25.0	25.6	21.3	21.8	21.8	22.3	22.9
12H	4H	23.1	23.8	23.6	24.3	24.8	21.0	21.7	21.5	22.2	22.7
	6H	23.7	24.3	24.2	24.7	25.3	21.3	21.9	21.9	22.4	22.9
	8H	23.9	24.4	24.4	24.9	25.5	21.4	21.9	21.9	22.4	23.0

Maximum UGR = 25.6

POLAR GRAPH



Maximum Candela = 1322.394 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.)