

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-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-8-L4-930-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 8' 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	2775
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	32
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)	8.00 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

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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	1319.765	1319.765	1319.765	1319.765	1319.765
0.5	1321.822	1317.708	1320.999	1320.177	1316.474
1.0	1320.999	1317.297	1320.999	1319.765	1316.063
1.5	1320.588	1316.474	1319.765	1318.531	1314.828
2.0	1320.177	1316.063	1319.354	1317.708	1313.594
2.5	1319.354	1315.240	1318.120	1316.063	1312.360
3.0	1318.531	1314.417	1316.885	1314.417	1310.303
3.5	1317.297	1313.183	1314.828	1311.949	1308.246
4.0	1316.063	1311.537	1313.183	1309.892	1305.366
4.5	1314.828	1309.892	1310.714	1307.012	1302.075
5.0	1314.006	1308.246	1308.657	1303.721	1299.195
5.5	1311.537	1306.189	1305.778	1300.841	1295.904
6.0	1309.892	1304.132	1302.898	1297.138	1292.201
6.5	1307.835	1301.664	1300.018	1293.024	1288.087
7.0	1305.366	1298.784	1296.727	1289.322	1283.151
7.5	1302.898	1296.315	1293.024	1284.385	1278.214
8.0	1300.429	1293.436	1289.322	1279.860	1272.866
8.5	1297.550	1290.144	1285.208	1274.923	1268.340
9.0	1294.258	1286.853	1281.094	1269.575	1262.992
9.5	1291.379	1283.974	1276.568	1264.226	1256.821
10.0	1288.087	1280.271	1272.043	1258.467	1250.650
10.5	1285.208	1276.568	1267.106	1252.296	1244.068
11.0	1281.505	1272.454	1261.758	1246.125	1236.663
11.5	1278.214	1268.752	1256.410	1239.543	1230.492
12.0	1275.746	1265.049	1250.650	1232.960	1223.498
12.5	1270.397	1260.935	1244.891	1225.555	1216.504
13.0	1265.461	1255.998	1239.131	1218.561	1208.688
13.5	1261.347	1250.239	1232.960	1211.567	1200.871
14.0	1256.410	1244.891	1226.378	1203.751	1193.055
14.5	1251.473	1239.131	1219.795	1195.934	1184.827
15.0	1246.536	1233.783	1213.624	1188.118	1176.187
15.5	1241.600	1228.435	1207.042	1179.478	1167.548
16.0	1236.251	1222.675	1200.460	1171.250	1159.320
16.5	1231.315	1216.504	1193.055	1163.022	1150.269
17.0	1225.144	1210.333	1184.827	1153.972	1140.807
17.5	1219.384	1204.162	1177.010	1145.332	1131.756
18.0	1214.036	1197.580	1169.193	1136.282	1121.883
18.5	1207.453	1190.998	1160.965	1126.819	1112.420
19.0	1201.282	1184.415	1152.738	1118.180	1102.958
19.5	1195.523	1177.421	1144.510	1108.307	1092.262
20.0	1188.529	1170.428	1136.282	1098.433	1082.388
20.5	1182.358	1163.845	1128.054	1088.971	1072.515
21.0	1175.776	1156.440	1119.003	1079.509	1062.230
21.5	1168.782	1149.035	1109.952	1069.635	1051.945
22.0	1161.788	1141.630	1101.313	1059.350	1041.660
22.5	1154.795	1133.813	1092.673	1049.065	1031.375
23.0	1147.389	1126.408	1083.211	1038.780	1020.679
23.5	1140.396	1118.591	1073.749	1028.907	1009.982
24.0	1132.168	1110.364	1064.287	1018.210	999.697
24.5	1124.762	1102.136	1054.413	1007.925	989.001
25.0	1116.946	1093.908	1045.363	997.229	978.305
25.5	1109.129	1085.680	1035.489	986.533	967.197
26.0	1101.313	1076.629	1025.615	976.248	956.501
26.5	1093.085	1068.401	1015.742	965.551	945.393

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CANDELA TABULATION - (Cont.)

27.0	1084.445	1059.350	1005.868	954.855	934.697
27.5	1075.806	1050.711	995.583	944.159	923.589
28.0	1066.344	1041.660	985.710	933.462	912.481
28.5	1056.882	1032.609	975.836	923.177	901.373
29.0	1048.242	1023.559	965.140	912.070	890.266
29.5	1039.603	1014.096	954.855	900.962	878.746
30.0	1030.141	1004.634	944.981	890.266	868.461
30.5	1021.502	995.583	934.697	879.158	857.354
31.0	1012.039	986.121	924.412	868.050	846.657
31.5	1003.400	976.248	913.715	857.354	835.961
32.0	993.938	966.374	903.430	846.246	824.853
32.5	984.476	956.501	892.734	834.727	813.745
33.0	975.425	946.627	882.449	824.030	803.049
33.5	965.963	937.165	872.164	813.745	792.353
34.0	956.089	926.880	861.468	802.638	781.245
34.5	946.627	917.006	851.183	791.941	770.960
35.0	936.754	907.133	840.486	781.245	759.441
35.5	927.703	896.848	829.790	770.549	748.333
36.0	917.829	886.974	819.505	759.441	736.403
36.5	907.956	876.689	808.809	748.333	726.118
37.0	898.493	866.404	798.112	736.814	715.421
37.5	888.209	856.119	788.239	726.118	705.136
38.0	877.512	846.246	777.542	715.833	694.440
38.5	867.639	835.550	766.846	705.548	684.155
39.0	858.176	825.265	755.327	694.851	673.870
39.5	847.480	814.980	744.219	684.566	663.585
40.0	837.607	804.695	733.523	674.693	653.300
40.5	827.322	794.410	723.238	663.997	643.015
41.0	816.214	784.125	712.953	654.123	632.730
41.5	805.929	773.428	702.257	643.838	622.857
42.0	795.233	762.732	692.383	633.964	612.572
42.5	784.536	751.624	681.687	623.680	602.698
43.0	774.251	740.105	672.225	613.806	592.413
43.5	763.143	729.820	661.940	603.932	582.128
44.0	751.624	719.535	651.655	594.059	571.843
44.5	739.694	708.839	641.781	584.185	561.558
45.0	729.409	698.554	631.496	574.312	550.862
45.5	719.124	688.269	621.623	564.438	540.577
46.0	708.428	677.984	611.338	554.153	530.704
46.5	697.731	667.699	601.464	544.280	520.419
47.0	687.035	657.414	592.002	533.995	510.545
47.5	676.750	647.129	582.128	524.121	500.672
48.0	666.054	636.844	572.255	513.836	490.798
48.5	655.769	626.971	562.381	503.963	480.924
49.0	645.484	616.686	552.919	494.089	471.051
49.5	634.787	606.401	543.046	484.216	461.589
50.0	624.914	596.527	533.583	474.753	452.538
50.5	614.629	586.242	524.121	464.880	443.076
51.0	604.344	576.369	514.659	455.418	433.614
51.5	594.059	566.495	505.197	445.956	424.563
52.0	583.774	556.622	495.735	436.493	415.512
52.5	573.900	546.748	486.273	427.443	406.379
53.0	563.615	537.286	476.810	417.980	397.205
53.5	553.330	527.412	467.348	408.889	388.895
54.0	543.046	517.539	457.886	399.797	379.885
54.5	533.172	507.665	448.013	390.869	371.246

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CANDELA TABULATION - (Cont.)

55.0	522.887	498.203	438.550	381.777	362.853
55.5	513.013	488.741	429.088	373.015	354.461
56.0	502.728	479.279	419.215	364.211	345.986
56.5	492.855	469.405	409.917	355.654	337.470
57.0	482.570	460.354	400.578	347.014	329.324
57.5	473.108	450.892	391.240	338.581	321.096
58.0	463.234	441.430	381.942	330.188	313.156
58.5	452.949	431.968	372.850	321.878	305.093
59.0	443.487	422.506	363.676	313.691	297.112
59.5	433.614	413.455	354.584	305.504	289.377
60.0	424.151	404.158	345.657	297.564	281.808
60.5	414.278	395.107	336.894	289.501	274.115
61.0	404.733	386.015	328.131	281.520	266.627
61.5	395.189	376.964	319.368	273.703	259.345
62.0	385.686	367.913	310.647	266.216	251.981
62.5	376.388	359.068	302.007	258.605	244.658
63.0	367.091	350.264	293.491	251.035	237.582
63.5	357.999	341.543	284.975	243.589	230.671
64.0	348.619	332.780	276.624	236.266	223.554
64.5	339.486	324.141	268.314	228.984	216.683
65.0	330.476	315.460	260.045	221.826	209.895
65.5	321.425	306.862	251.858	214.668	203.107
66.0	312.539	298.469	243.753	207.715	196.401
66.5	303.735	289.995	235.813	200.680	189.860
67.0	294.808	281.520	227.791	193.810	183.360
67.5	286.045	273.168	220.016	187.022	176.819
68.0	277.447	264.652	212.117	180.275	170.442
68.5	268.808	256.095	204.547	173.692	164.107
69.0	260.250	247.374	196.977	167.069	157.853
69.5	251.735	238.899	189.490	160.610	151.765
70.0	243.177	230.383	182.085	154.233	145.512
70.5	234.703	221.867	174.762	147.898	139.587
71.0	226.269	213.474	167.521	141.603	133.581
71.5	218.082	205.205	160.404	135.473	127.575
72.0	210.019	197.019	153.410	129.302	121.692
72.5	201.750	189.037	146.499	123.296	115.891
73.0	193.727	181.015	139.711	117.331	110.255
73.5	185.664	173.034	133.046	111.407	104.536
74.0	177.889	165.341	126.464	105.729	99.065
74.5	170.072	157.648	120.005	99.929	93.593
75.0	162.379	149.996	113.546	94.292	88.204
75.5	154.727	142.591	107.293	88.739	83.020
76.0	147.363	135.185	101.163	83.390	77.837
76.5	140.040	128.027	95.074	78.125	72.859
77.0	132.799	120.786	89.150	72.900	68.086
77.5	125.723	113.752	83.308	67.881	63.314
78.0	118.688	106.840	77.549	62.985	58.665
78.5	111.859	100.052	71.830	58.213	54.140
79.0	105.112	93.346	66.317	53.523	49.697
79.5	98.612	86.723	60.969	48.998	45.295
80.0	92.194	80.264	55.786	44.596	41.058
80.5	85.900	73.928	50.767	40.194	36.820
81.0	79.688	67.675	45.994	35.915	32.706
81.5	73.640	61.627	41.304	31.678	28.510
82.0	67.757	55.786	36.861	27.605	24.355
82.5	62.039	50.108	32.500	23.409	19.953

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CANDELA TABULATION - (Cont.)

83.0	56.485	44.596	28.222	19.130	15.222
83.5	51.096	39.247	24.108	14.399	10.162
84.0	45.871	34.187	20.076	9.586	7.858
84.5	40.852	29.333	16.003	7.323	6.953
85.0	35.997	24.725	11.396	6.418	6.171
85.5	31.349	20.405	6.911	5.636	5.430
86.0	26.864	16.291	5.430	4.854	4.690
86.5	22.503	12.424	4.608	4.114	3.949
87.0	18.431	8.639	3.826	3.415	3.250
87.5	14.522	4.567	3.044	2.674	2.592
88.0	10.861	2.880	2.345	2.016	1.892
88.5	7.487	2.139	1.646	1.399	1.316
89.0	4.567	1.399	0.987	0.823	0.782
89.5	2.057	0.741	0.494	0.411	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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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-8-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-8-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-8-L4-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	464.12	N.A.	16.70
0-30	944.83	N.A.	34.10
0-40	1472.25	N.A.	53.10
0-60	2357.2	N.A.	85.00
0-80	2751.27	N.A.	99.20
0-90	2774.74	N.A.	100.00
10-90	2651.17	N.A.	95.50
20-40	1008.13	N.A.	36.30
20-50	1498.92	N.A.	54.00
40-70	1149.89	N.A.	41.40
60-80	394.07	N.A.	14.20
70-80	129.13	N.A.	4.70
80-90	23.47	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	2774.74	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	123.56
10-20	340.56
20-30	480.71
30-40	527.42
40-50	490.80
50-60	394.15
60-70	264.94
70-80	129.13
80-90	23.47
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-8-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	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-8-L4-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

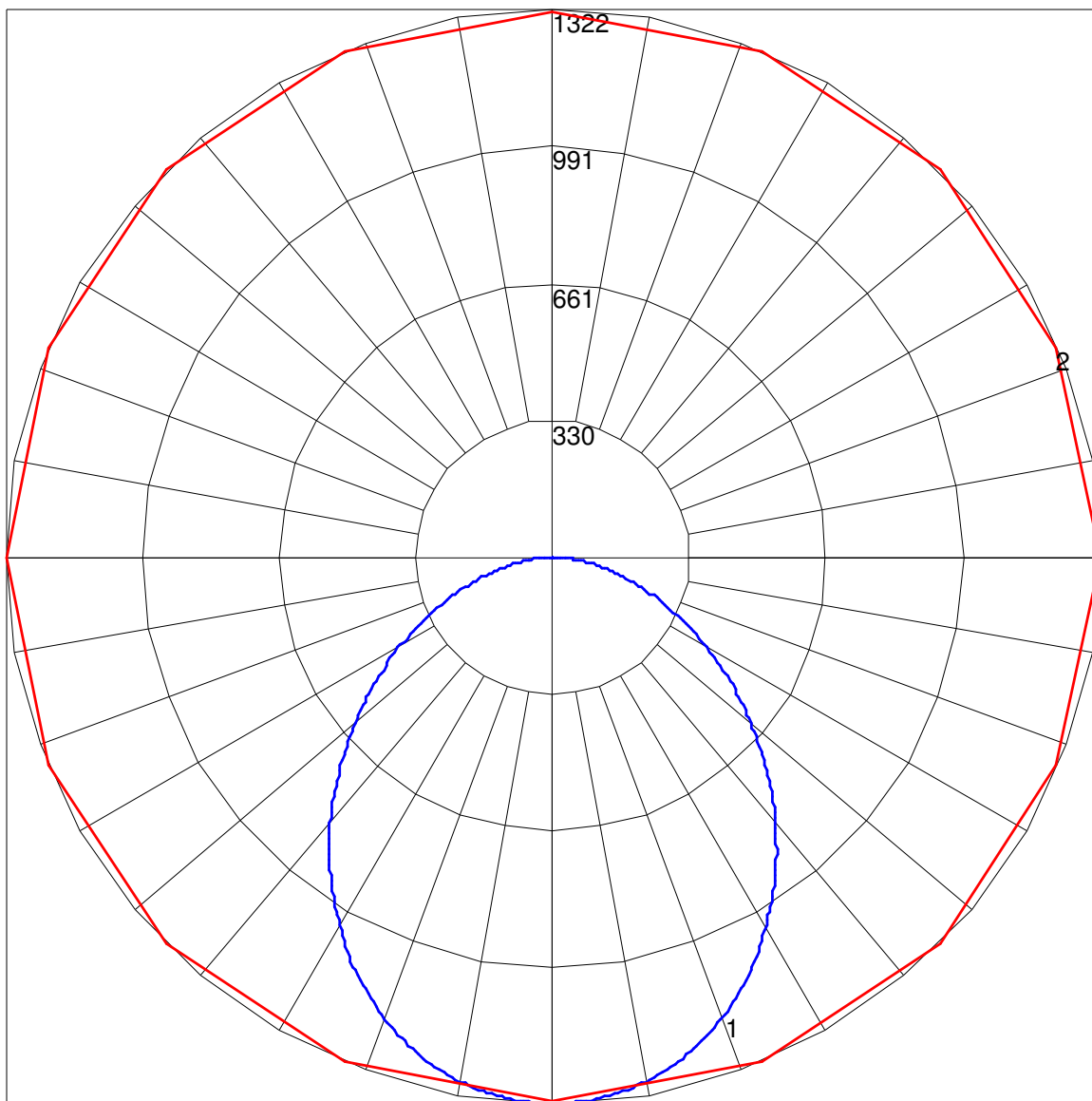
Reflectances

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	17.8	19.3	18.2	19.7	20.0	15.7	17.2	16.0	17.5	17.8
	3H	19.4	20.8	19.8	21.1	21.5	16.9	18.3	17.3	18.6	19.0
	4H	20.0	21.3	20.4	21.6	22.0	17.3	18.6	17.7	19.0	19.3
	6H	20.3	21.5	20.7	21.9	22.3	17.5	18.7	17.9	19.1	19.4
	8H	20.4	21.6	20.9	22.0	22.4	17.5	18.6	17.9	19.0	19.4
	12H	20.5	21.6	20.9	22.0	22.4	17.5	18.6	17.9	19.0	19.4
4H	2H	18.1	19.4	18.5	19.8	20.1	16.4	17.7	16.8	18.0	18.4
	3H	19.9	21.0	20.4	21.4	21.8	17.8	18.9	18.2	19.3	19.7
	4H	20.6	21.6	21.1	22.0	22.4	18.3	19.2	18.7	19.7	20.1
	6H	21.1	22.0	21.6	22.4	22.9	18.5	19.4	19.0	19.8	20.3
	8H	21.2	22.0	21.7	22.5	22.9	18.5	19.3	19.0	19.8	20.2
	12H	21.3	22.0	21.8	22.5	23.0	18.5	19.2	19.0	19.7	20.2
8H	4H	20.7	21.5	21.2	21.9	22.4	18.6	19.3	19.0	19.8	20.3
	6H	21.3	21.9	21.8	22.4	22.9	18.9	19.5	19.4	20.0	20.5
	8H	21.5	22.0	22.0	22.6	23.0	18.9	19.5	19.4	20.0	20.5
	12H	21.6	22.1	22.1	22.6	23.2	18.9	19.4	19.4	19.9	20.5
12H	4H	20.7	21.4	21.2	21.9	22.3	18.6	19.3	19.1	19.8	20.2
	6H	21.3	21.9	21.8	22.3	22.9	18.9	19.5	19.5	20.0	20.5
	8H	21.5	22.0	22.0	22.5	23.0	19.0	19.5	19.5	20.0	20.5

Maximum UGR = 23.2

POLAR GRAPH



Maximum Candela = 1321.822 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.)