

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L8-930-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-4-L8-930-DMA-DIM-UNV_
[LUMINAIRE] Nominal 4" x 4' 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	2686
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	26
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)	4.00 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	6553	5809	5143
55	5736	4957	4211
65	4880	4078	3388
75	3918	3062	2494
85	2537	1573	1204

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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	1244.311	1244.311	1244.311	1244.311	1244.311
0.5	1250.394	1241.608	1244.649	1243.635	1242.959
1.0	1250.056	1241.270	1244.311	1243.297	1242.622
1.5	1249.718	1240.594	1243.973	1242.622	1241.946
2.0	1249.042	1240.256	1242.959	1241.270	1241.608
2.5	1248.705	1239.580	1242.284	1240.594	1240.256
3.0	1247.691	1238.566	1241.270	1238.904	1238.566
3.5	1247.015	1237.552	1239.918	1237.552	1236.876
4.0	1245.325	1236.201	1238.566	1235.863	1234.849
4.5	1244.649	1234.849	1236.876	1233.835	1232.483
5.0	1242.959	1233.497	1234.849	1231.807	1230.456
5.5	1242.284	1231.469	1232.821	1229.104	1227.414
6.0	1239.242	1229.780	1230.456	1226.400	1224.710
6.5	1237.552	1228.090	1227.752	1223.359	1221.331
7.0	1235.525	1225.724	1225.386	1220.317	1218.290
7.5	1233.497	1223.359	1222.345	1216.938	1214.572
8.0	1231.131	1220.655	1219.641	1213.220	1210.517
8.5	1228.766	1218.290	1216.600	1209.165	1206.461
9.0	1226.062	1215.586	1212.882	1205.110	1202.406
9.5	1223.021	1212.207	1209.503	1200.716	1197.675
10.0	1220.655	1209.165	1205.448	1196.661	1193.282
10.5	1216.938	1205.786	1201.730	1192.268	1188.550
11.0	1213.558	1202.406	1197.337	1187.199	1183.819
11.5	1210.179	1198.689	1192.944	1182.129	1178.074
12.0	1206.461	1194.971	1188.550	1176.722	1172.667
12.5	1202.068	1190.578	1183.819	1171.315	1166.584
13.0	1198.351	1186.523	1178.750	1165.570	1160.839
13.5	1194.633	1182.129	1173.681	1159.825	1155.094
14.0	1189.902	1177.736	1168.612	1153.404	1148.335
14.5	1185.847	1172.667	1162.867	1147.321	1141.914
15.0	1181.116	1167.936	1157.122	1140.900	1135.155
15.5	1176.384	1162.867	1151.377	1134.141	1128.396
16.0	1171.315	1157.797	1145.294	1127.382	1120.962
16.5	1166.584	1152.728	1139.211	1120.286	1113.865
17.0	1161.177	1146.983	1132.790	1113.189	1106.092
17.5	1156.108	1141.238	1126.707	1105.754	1098.319
18.0	1150.363	1135.831	1119.948	1098.319	1090.547
18.5	1145.294	1129.748	1113.189	1090.547	1082.098
19.0	1139.211	1123.665	1106.092	1082.436	1073.649
19.5	1133.465	1117.582	1098.995	1074.663	1065.201
20.0	1127.382	1111.161	1091.560	1066.552	1056.752
20.5	1121.299	1104.740	1084.126	1058.104	1047.966
21.0	1114.879	1098.319	1076.691	1049.655	1038.841
21.5	1108.796	1091.222	1068.918	1040.869	1030.054
22.0	1102.037	1084.464	1060.807	1032.082	1021.268
22.5	1095.278	1077.367	1052.697	1023.296	1011.805
23.0	1088.857	1070.608	1044.924	1013.833	1002.343
23.5	1082.098	1063.173	1036.475	1004.709	992.881
24.0	1075.001	1055.738	1028.027	995.584	983.080
24.5	1067.904	1048.303	1019.240	986.122	973.618
25.0	1060.469	1040.869	1010.792	976.659	963.817
25.5	1052.697	1032.758	1002.005	966.859	953.341
26.0	1045.262	1024.985	992.543	957.059	943.203
26.5	1037.827	1016.875	983.756	947.258	932.727

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CANDELA TABULATION - (Cont.)

27.0	1029.717	1008.764	974.294	937.120	922.588
27.5	1021.268	1000.315	965.169	926.981	912.450
28.0	1013.495	992.205	955.707	916.505	901.636
28.5	1005.385	983.756	946.582	906.367	891.159
29.0	997.274	975.308	937.120	895.891	881.021
29.5	987.811	966.521	927.319	885.414	870.207
30.0	978.687	957.396	917.519	874.938	859.731
30.5	970.238	948.610	908.057	864.800	848.916
31.0	961.452	939.823	898.256	854.323	838.102
31.5	953.003	930.699	888.456	843.509	827.288
32.0	943.541	921.574	878.317	833.033	816.812
32.5	934.754	912.112	868.517	822.219	805.659
33.0	925.630	902.987	858.041	811.742	795.183
33.5	916.505	893.525	848.578	800.928	783.693
34.0	907.719	884.063	838.102	790.452	773.217
34.5	898.594	874.938	827.964	779.976	762.740
35.0	889.470	865.138	817.487	769.161	751.926
35.5	880.007	855.337	807.349	759.023	740.774
36.0	871.221	845.875	797.211	748.209	730.636
36.5	861.758	836.074	786.735	737.733	719.822
37.0	851.958	826.274	776.934	727.256	709.683
37.5	842.495	816.474	766.796	716.442	698.869
38.0	833.033	806.335	756.320	705.966	688.055
38.5	823.233	796.873	746.181	695.490	677.578
39.0	813.094	786.735	736.043	685.013	667.102
39.5	803.632	776.934	725.567	674.537	656.626
40.0	793.831	766.796	715.428	664.737	646.488
40.5	783.355	756.995	704.952	654.260	635.673
41.0	773.555	746.857	694.814	643.784	624.521
41.5	763.754	737.057	684.675	633.308	614.045
42.0	753.278	726.918	674.537	622.494	603.231
42.5	742.464	716.442	664.399	612.355	592.754
43.0	732.325	706.304	654.260	601.203	582.278
43.5	722.525	696.503	644.122	590.727	572.478
44.0	711.711	686.365	633.984	580.926	562.339
44.5	701.573	676.227	622.832	570.788	552.201
45.0	691.096	666.426	612.693	560.988	542.401
45.5	680.620	655.950	602.217	551.187	532.262
46.0	670.482	646.150	592.417	541.387	522.462
46.5	660.343	636.011	582.616	531.924	513.000
47.0	649.867	625.873	572.816	522.124	503.199
47.5	639.391	615.059	563.353	512.662	493.737
48.0	629.252	604.583	553.891	503.199	483.936
48.5	618.776	594.782	544.090	493.737	474.474
49.0	607.624	584.644	534.628	484.274	465.349
49.5	597.824	575.181	525.504	474.812	456.225
50.0	587.685	565.381	516.041	465.687	447.100
50.5	578.223	555.581	506.579	456.563	437.976
51.0	568.085	546.118	497.116	447.100	428.851
51.5	558.284	536.318	487.992	438.314	420.065
52.0	548.822	526.517	478.529	429.189	411.278
52.5	539.021	517.055	469.405	420.403	402.830
53.0	529.221	507.592	460.280	411.616	394.381
53.5	519.421	498.130	451.494	402.830	385.595
54.0	509.958	488.668	442.031	394.381	377.146
54.5	500.158	479.543	433.245	385.595	368.697

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CANDELA TABULATION - (Cont.)

55.0	490.695	470.081	424.120	377.484	360.249
55.5	480.895	460.956	415.334	368.697	352.138
56.0	471.094	451.494	406.547	360.587	344.027
56.5	461.632	442.369	397.761	352.476	336.424
57.0	451.832	433.245	388.636	344.365	328.414
57.5	442.369	424.458	380.187	336.255	320.608
58.0	432.907	415.334	371.401	328.279	312.937
58.5	423.444	406.209	362.614	320.405	305.265
59.0	413.982	397.423	354.166	312.666	297.661
59.5	404.519	388.636	345.717	304.927	290.260
60.0	395.395	379.849	337.201	297.155	282.893
60.5	386.270	371.063	328.955	289.585	275.526
61.0	377.146	362.614	320.540	282.082	268.294
61.5	368.359	353.828	312.362	274.512	261.163
62.0	359.235	345.041	304.116	267.280	254.269
62.5	350.448	336.694	296.141	260.014	247.240
63.0	341.662	328.347	288.199	252.782	240.346
63.5	333.044	320.000	280.257	245.483	233.384
64.0	324.663	311.720	272.518	238.454	226.693
64.5	316.012	303.440	264.712	231.458	220.036
65.0	307.631	295.330	257.041	224.463	213.547
65.5	299.317	287.118	249.302	217.602	206.923
66.0	291.038	278.973	241.833	210.911	200.435
66.5	282.826	270.930	234.331	204.118	193.879
67.0	274.512	262.955	226.930	197.393	187.593
67.5	266.199	254.979	219.630	190.905	181.307
68.0	258.223	247.139	212.263	184.382	174.954
68.5	250.079	239.366	205.065	177.962	168.837
69.0	242.002	231.593	197.934	171.574	162.754
69.5	234.162	223.854	190.972	165.255	156.840
70.0	226.220	216.149	183.876	159.070	150.858
70.5	218.380	208.579	176.914	152.920	145.080
71.0	210.539	201.077	170.155	146.938	139.233
71.5	202.868	193.507	163.396	140.990	133.589
72.0	195.230	186.140	156.705	135.076	127.946
72.5	187.627	178.840	150.047	129.298	122.471
73.0	180.226	171.642	143.525	123.485	117.098
73.5	172.825	164.342	137.104	117.943	111.724
74.0	165.559	157.178	130.751	112.367	106.385
74.5	158.361	150.149	124.465	106.959	101.316
75.0	151.264	143.221	118.213	101.518	96.280
75.5	144.302	136.428	112.164	96.348	91.279
76.0	137.510	129.703	106.250	91.177	86.446
76.5	130.683	122.978	100.336	86.210	81.715
77.0	124.228	116.422	94.658	81.242	77.018
77.5	117.672	109.967	89.015	76.443	72.421
78.0	111.150	103.614	83.438	71.746	68.062
78.5	104.695	97.328	78.099	67.183	63.635
79.0	98.545	91.279	72.861	62.689	59.377
79.5	92.495	85.128	67.758	58.194	55.220
80.0	86.480	79.248	62.689	53.970	51.199
80.5	80.498	73.402	57.755	49.779	47.211
81.0	74.720	67.724	53.023	45.791	43.426
81.5	69.008	62.216	48.394	41.838	39.675
82.0	63.500	56.639	44.000	37.985	35.957
82.5	58.126	51.368	39.675	34.234	32.409

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CANDELA TABULATION - (Cont.)

83.0	52.821	46.163	35.484	30.584	28.793
83.5	47.583	41.195	31.530	27.002	25.346
84.0	42.581	36.329	27.678	23.487	22.000
84.5	37.647	31.733	23.994	20.141	18.790
85.0	32.983	27.306	20.446	16.999	15.647
85.5	28.455	23.048	17.066	13.788	12.267
86.0	24.197	18.992	14.025	10.476	8.550
86.5	19.973	15.343	11.085	6.624	5.272
87.0	16.086	11.896	7.908	4.191	3.751
87.5	12.470	8.854	4.562	3.210	2.940
88.0	9.124	6.049	2.873	2.467	2.298
88.5	6.286	3.379	2.129	1.791	1.588
89.0	3.954	1.690	1.419	1.149	1.014
89.5	1.960	0.912	0.777	0.575	0.507
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 : LRX4X-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 : LRX4X-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 : LRX4X-4-L8-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	441.99	N.A.	16.50
0-30	906.00	N.A.	33.70
0-40	1417.14	N.A.	52.80
0-60	2271.03	N.A.	84.50
0-80	2658.5	N.A.	99.00
0-90	2686.32	N.A.	100.00
10-90	2569.46	N.A.	95.60
20-40	975.15	N.A.	36.30
20-50	1449.14	N.A.	53.90
40-70	1111.36	N.A.	41.40
60-80	387.48	N.A.	14.40
70-80	130.00	N.A.	4.80
80-90	27.82	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	2686.32	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	116.86
10-20	325.13
20-30	464.01
30-40	511.14
40-50	473.99
50-60	379.89
60-70	257.47
70-80	130.00
80-90	27.82
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-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	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

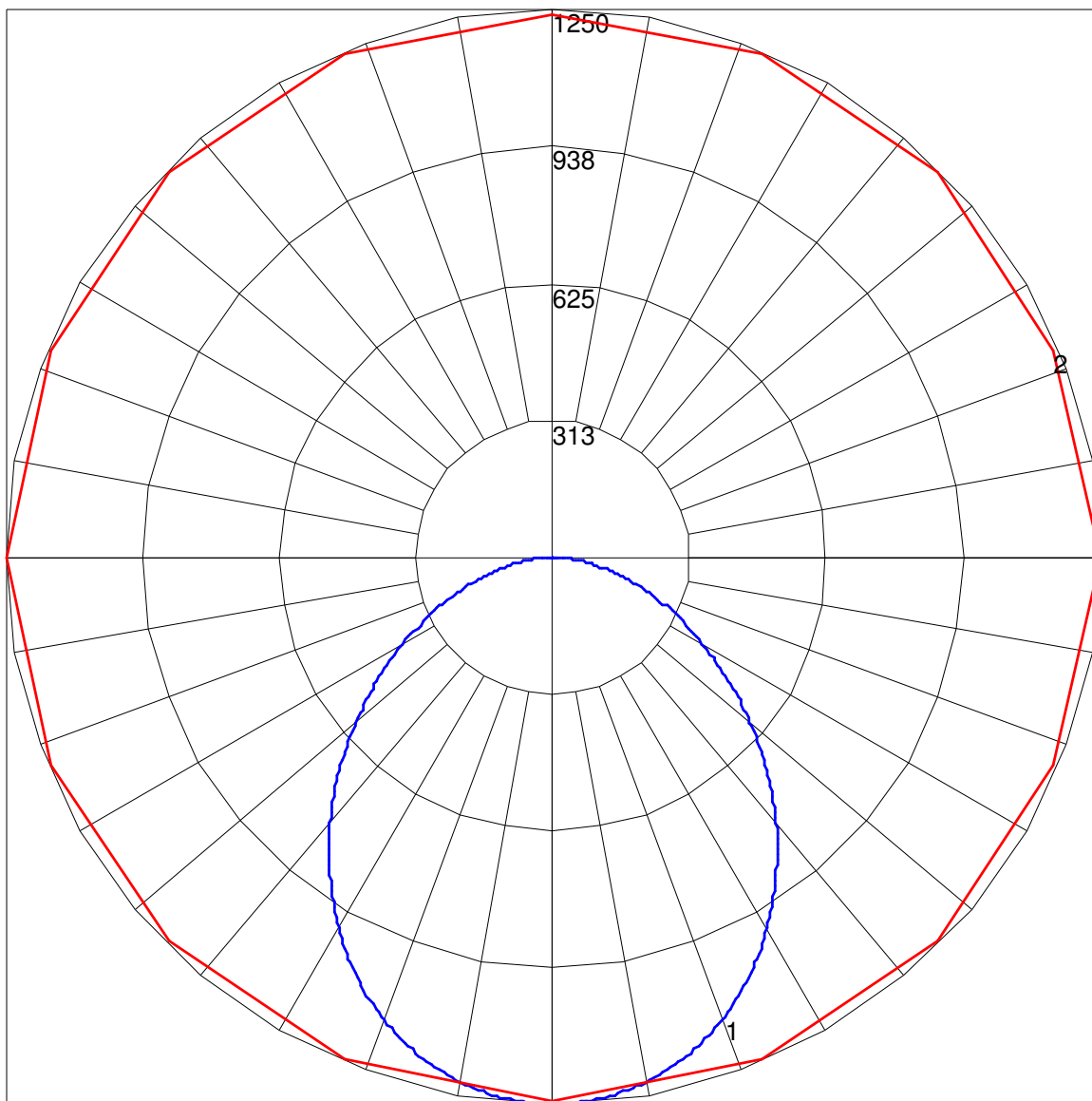
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L8-930-DMA-DIM-UNV_.IES

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	17.9	19.5	18.3	19.8	20.1	16.2	17.7	16.6	18.0	18.4
	3H	19.5	20.9	19.9	21.2	21.6	17.5	18.9	17.9	19.2	19.6
	4H	20.1	21.4	20.5	21.7	22.1	18.0	19.3	18.4	19.6	20.0
	6H	20.4	21.6	20.9	22.0	22.4	18.2	19.4	18.6	19.8	20.2
	8H	20.5	21.7	21.0	22.1	22.5	18.3	19.4	18.7	19.8	20.2
	12H	20.6	21.7	21.0	22.1	22.5	18.3	19.4	18.7	19.8	20.2
4H	2H	18.3	19.6	18.7	19.9	20.3	16.9	18.2	17.3	18.5	18.9
	3H	20.1	21.2	20.5	21.6	22.0	18.4	19.5	18.8	19.9	20.3
	4H	20.8	21.7	21.2	22.2	22.6	18.9	19.9	19.4	20.3	20.8
	6H	21.3	22.1	21.7	22.6	23.0	19.3	20.1	19.7	20.6	21.0
	8H	21.4	22.2	21.9	22.7	23.1	19.4	20.1	19.8	20.6	21.1
	12H	21.5	22.2	22.0	22.7	23.2	19.4	20.1	19.9	20.6	21.0
8H	4H	20.9	21.7	21.4	22.1	22.6	19.2	20.0	19.7	20.5	20.9
	6H	21.5	22.1	22.0	22.6	23.1	19.7	20.3	20.1	20.8	21.3
	8H	21.7	22.3	22.2	22.8	23.3	19.8	20.4	20.3	20.9	21.4
	12H	21.8	22.4	22.3	22.8	23.4	19.8	20.4	20.4	20.9	21.4
12H	4H	20.9	21.6	21.4	22.1	22.6	19.3	20.0	19.7	20.4	20.9
	6H	21.5	22.1	22.0	22.6	23.1	19.7	20.3	20.2	20.8	21.3
	8H	21.7	22.2	22.2	22.7	23.3	19.9	20.4	20.4	20.9	21.4

Maximum UGR = 23.4

POLAR GRAPH



Maximum Candela = 1250.394 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.)