

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L15-950-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-L15-950-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	2672
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	25.6
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	13034	11556	10230
55	11409	9861	8376
65	9708	8111	6739
75	7794	6091	4961
85	5047	3129	2394

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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	1237.576	1237.576	1237.576	1237.576	1237.576
0.5	1243.626	1234.887	1237.912	1236.904	1236.232
1.0	1243.290	1234.551	1237.576	1236.568	1235.896
1.5	1242.954	1233.879	1237.240	1235.896	1235.223
2.0	1242.282	1233.543	1236.232	1234.551	1234.887
2.5	1241.946	1232.871	1235.560	1233.879	1233.543
3.0	1240.937	1231.862	1234.551	1232.198	1231.862
3.5	1240.265	1230.854	1233.207	1230.854	1230.182
4.0	1238.585	1229.509	1231.862	1229.173	1228.165
4.5	1237.912	1228.165	1230.182	1227.157	1225.812
5.0	1236.232	1226.821	1228.165	1225.140	1223.795
5.5	1235.560	1224.804	1226.148	1222.451	1220.770
6.0	1232.534	1223.123	1223.795	1219.762	1218.082
6.5	1230.854	1221.443	1221.107	1216.737	1214.720
7.0	1228.837	1219.090	1218.754	1213.712	1211.695
7.5	1226.821	1216.737	1215.729	1210.351	1207.998
8.0	1224.468	1214.048	1213.040	1206.654	1203.965
8.5	1222.115	1211.695	1210.015	1202.620	1199.931
9.0	1219.426	1209.006	1206.317	1198.587	1195.898
9.5	1216.401	1205.645	1202.956	1194.217	1191.192
10.0	1214.048	1202.620	1198.923	1190.184	1186.823
10.5	1210.351	1199.259	1195.226	1185.814	1182.117
11.0	1206.990	1195.898	1190.856	1180.773	1177.412
11.5	1203.629	1192.201	1186.487	1175.731	1171.698
12.0	1199.931	1188.503	1182.117	1170.353	1166.320
12.5	1195.562	1184.134	1177.412	1164.975	1160.270
13.0	1191.865	1180.101	1172.370	1159.261	1154.556
13.5	1188.167	1175.731	1167.328	1153.547	1148.842
14.0	1183.462	1171.362	1162.286	1147.161	1142.119
14.5	1179.428	1166.320	1156.572	1141.111	1135.733
15.0	1174.723	1161.614	1150.858	1134.725	1129.011
15.5	1170.017	1156.572	1145.145	1128.003	1122.289
16.0	1164.975	1151.531	1139.094	1121.280	1114.894
16.5	1160.270	1146.489	1133.044	1114.222	1107.836
17.0	1154.892	1140.775	1126.658	1107.164	1100.105
17.5	1149.850	1135.061	1120.608	1099.769	1092.374
18.0	1144.136	1129.683	1113.886	1092.374	1084.644
18.5	1139.094	1123.633	1107.164	1084.644	1076.241
19.0	1133.044	1117.583	1100.105	1076.577	1067.838
19.5	1127.330	1111.533	1093.047	1068.846	1059.435
20.0	1121.280	1105.147	1085.652	1060.780	1051.032
20.5	1115.230	1098.761	1078.258	1052.377	1042.293
21.0	1108.844	1092.374	1070.863	1043.974	1033.218
21.5	1102.794	1085.316	1063.132	1035.235	1024.479
22.0	1096.072	1078.594	1055.066	1026.496	1015.740
22.5	1089.349	1071.535	1046.999	1017.757	1006.329
23.0	1082.963	1064.813	1039.268	1008.346	996.918
23.5	1076.241	1057.418	1030.865	999.271	987.506
24.0	1069.182	1050.024	1022.462	990.195	977.759
24.5	1062.124	1042.629	1013.723	980.784	968.348
25.0	1054.730	1035.235	1005.321	971.373	958.601
25.5	1046.999	1027.168	996.582	961.626	948.181
26.0	1039.604	1019.437	987.170	951.878	938.098
26.5	1032.210	1011.371	978.431	942.131	927.678

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CANDELA TABULATION - (Cont.)

27.0	1024.143	1003.304	969.020	932.047	917.595
27.5	1015.740	994.901	959.945	921.964	907.511
28.0	1008.010	986.834	950.534	911.544	896.755
28.5	999.943	978.431	941.459	901.461	886.336
29.0	991.876	970.028	932.047	891.041	876.252
29.5	982.465	961.290	922.300	880.622	865.497
30.0	973.390	952.214	912.553	870.202	855.077
30.5	964.987	943.475	903.142	860.119	844.321
31.0	956.248	934.736	893.394	849.699	833.566
31.5	947.845	925.661	883.647	838.944	822.810
32.0	938.434	916.586	873.563	828.524	812.390
32.5	929.695	907.175	863.816	817.768	801.299
33.0	920.620	898.100	853.397	807.349	790.879
33.5	911.544	888.689	843.985	796.593	779.451
34.0	902.805	879.277	833.566	786.173	769.032
34.5	893.730	870.202	823.482	775.754	758.612
35.0	884.655	860.455	813.063	764.998	747.856
35.5	875.244	850.708	802.979	754.915	736.765
36.0	866.505	841.296	792.896	744.159	726.681
36.5	857.094	831.549	782.476	733.740	715.925
37.0	847.346	821.802	772.729	723.320	705.842
37.5	837.935	812.054	762.645	712.564	695.086
38.0	828.524	801.971	752.226	702.145	684.331
38.5	818.777	792.560	742.142	691.725	673.911
39.0	808.693	782.476	732.059	681.306	663.491
39.5	799.282	772.729	721.639	670.886	653.072
40.0	789.535	762.645	711.556	661.139	642.988
40.5	779.115	752.898	701.136	650.719	632.233
41.0	769.368	742.815	691.053	640.299	621.141
41.5	759.620	733.067	680.969	629.880	610.721
42.0	749.201	722.984	670.886	619.124	599.966
42.5	738.445	712.564	660.803	609.041	589.546
43.0	728.362	702.481	650.719	597.949	579.127
43.5	718.614	692.733	640.636	587.529	569.379
44.0	707.859	682.650	630.552	577.782	559.296
44.5	697.775	672.567	619.460	567.699	549.212
45.0	687.356	662.819	609.377	557.951	539.465
45.5	676.936	652.400	598.957	548.204	529.381
46.0	666.853	642.652	589.210	538.457	519.634
46.5	656.769	632.569	579.463	529.045	510.223
47.0	646.350	622.485	569.715	519.298	500.476
47.5	635.930	611.730	560.304	509.887	491.064
48.0	625.847	601.310	550.893	500.476	481.317
48.5	615.427	591.563	541.145	491.064	471.906
49.0	604.335	581.479	531.734	481.653	462.831
49.5	594.588	572.068	522.659	472.242	453.756
50.0	584.504	562.321	513.248	463.167	444.680
50.5	575.093	552.573	503.837	454.092	435.605
51.0	565.010	543.162	494.425	444.680	426.530
51.5	555.262	533.415	485.350	435.941	417.791
52.0	545.851	523.667	475.939	426.866	409.052
52.5	536.104	514.256	466.864	418.127	400.649
53.0	526.356	504.845	457.789	409.388	392.246
53.5	516.609	495.434	449.050	400.649	383.507
54.0	507.198	486.023	439.639	392.246	375.105
54.5	497.451	476.947	430.900	383.507	366.702

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CANDELA TABULATION - (Cont.)

55.0	488.039	467.536	421.825	375.441	358.299
55.5	478.292	458.461	413.086	366.702	350.232
56.0	468.545	449.050	404.347	358.635	342.165
56.5	459.133	439.975	395.608	350.568	334.603
57.0	449.386	430.900	386.532	342.501	326.637
57.5	439.975	422.161	378.130	334.435	318.873
58.0	430.564	413.086	369.391	326.502	311.243
58.5	421.152	404.010	360.652	318.671	303.613
59.0	411.741	395.271	352.249	310.974	296.050
59.5	402.330	386.532	343.846	303.277	288.689
60.0	393.255	377.793	335.376	295.546	281.362
60.5	384.180	369.055	327.175	288.017	274.035
61.0	375.105	360.652	318.805	280.555	266.842
61.5	366.366	351.913	310.671	273.026	259.750
62.0	357.290	343.174	302.470	265.834	252.893
62.5	348.551	334.872	294.538	258.607	245.902
63.0	339.812	326.570	286.639	251.414	239.045
63.5	331.242	318.267	278.740	244.154	232.121
64.0	322.906	310.033	271.043	237.163	225.466
64.5	314.301	301.798	263.279	230.205	218.845
65.0	305.966	293.731	255.649	223.248	212.391
65.5	297.697	285.563	247.952	216.425	205.803
66.0	289.462	277.463	240.524	209.770	199.350
66.5	281.295	269.464	233.062	203.014	192.829
67.0	273.026	261.531	225.701	196.325	186.578
67.5	264.758	253.599	218.441	189.871	180.326
68.0	256.826	245.801	211.114	183.384	174.007
68.5	248.725	238.070	203.955	176.998	167.923
69.0	240.692	230.340	196.863	170.646	161.873
69.5	232.894	222.643	189.939	164.360	155.991
70.0	224.996	214.979	182.880	158.209	150.042
70.5	217.198	207.450	175.956	152.092	144.294
71.0	209.400	199.989	169.234	146.143	138.479
71.5	201.770	192.460	162.512	140.227	132.866
72.0	194.174	185.132	155.857	134.345	127.253
72.5	186.611	177.872	149.235	128.598	121.808
73.0	179.250	170.713	142.748	122.816	116.464
73.5	171.889	163.453	136.362	117.304	111.120
74.0	164.663	156.327	130.043	111.758	105.809
74.5	157.504	149.336	123.791	106.380	100.767
75.0	150.445	142.446	117.573	100.969	95.759
75.5	143.521	135.690	111.557	95.826	90.785
76.0	136.765	129.001	105.675	90.684	85.978
76.5	129.976	122.312	99.793	85.743	81.273
77.0	123.556	115.792	94.146	80.802	76.601
77.5	117.035	109.372	88.533	76.029	72.029
78.0	110.548	103.053	82.987	71.357	67.694
78.5	104.128	96.801	77.676	66.820	63.290
79.0	98.011	90.785	72.466	62.349	59.055
79.5	91.995	84.667	67.391	57.879	54.921
80.0	86.012	78.819	62.349	53.678	50.921
80.5	80.063	73.004	57.442	49.510	46.955
81.0	74.315	67.357	52.736	45.544	43.191
81.5	68.635	61.879	48.132	41.611	39.460
82.0	63.156	56.333	43.762	37.779	35.763
82.5	57.812	51.090	39.460	34.048	32.233

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CANDELA TABULATION - (Cont.)

83.0	52.535	45.913	35.292	30.418	28.637
83.5	47.325	40.972	31.360	26.856	25.209
84.0	42.351	36.132	27.528	23.360	21.881
84.5	37.443	31.561	23.864	20.032	18.688
85.0	32.805	27.158	20.335	16.907	15.562
85.5	28.301	22.923	16.974	13.714	12.201
86.0	24.066	18.890	13.949	10.420	8.504
86.5	19.864	15.260	11.025	6.588	5.243
87.0	15.999	11.831	7.865	4.168	3.731
87.5	12.403	8.806	4.538	3.193	2.924
88.0	9.075	6.016	2.857	2.454	2.286
88.5	6.252	3.361	2.118	1.781	1.580
89.0	3.933	1.681	1.412	1.143	1.008
89.5	1.949	0.908	0.773	0.571	0.504
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-2-L15-950-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-2-L15-950-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-L15-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	439.60	N.A.	16.50
0-30	901.10	N.A.	33.70
0-40	1409.47	N.A.	52.80
0-60	2258.73	N.A.	84.50
0-80	2644.11	N.A.	99.00
0-90	2671.78	N.A.	100.00
10-90	2555.55	N.A.	95.60
20-40	969.87	N.A.	36.30
20-50	1441.3	N.A.	53.90
40-70	1105.35	N.A.	41.40
60-80	385.38	N.A.	14.40
70-80	129.30	N.A.	4.80
80-90	27.67	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	2671.78	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	116.23
10-20	323.37
20-30	461.50
30-40	508.37
40-50	471.43
50-60	377.84
60-70	256.08
70-80	129.30
80-90	27.67
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-L15-950-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	51	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-L15-950-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

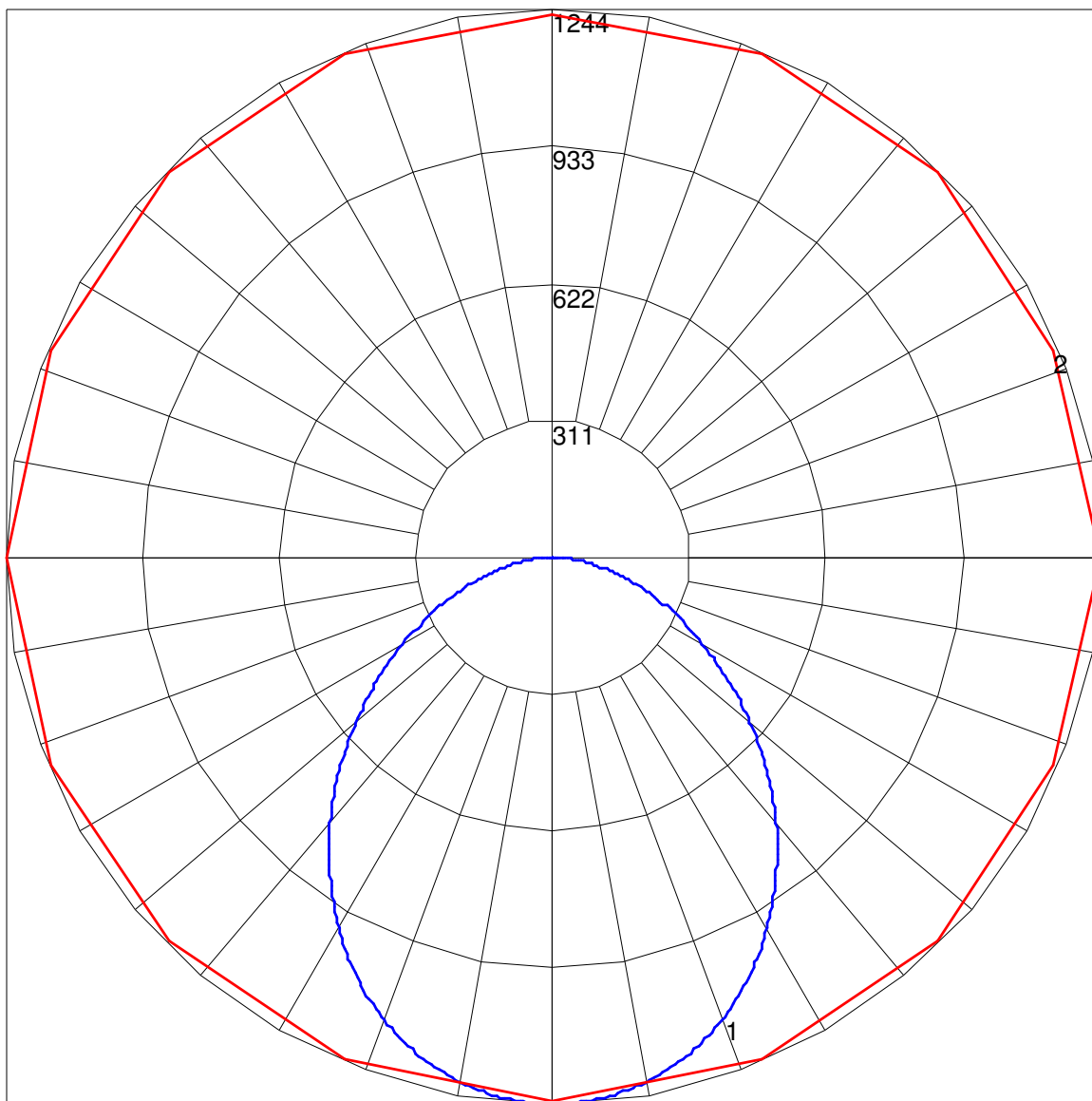
Reflectances

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	20.3	21.9	20.7	22.2	22.5	18.6	20.1	19.0	20.5	20.8
	3H	21.9	23.3	22.3	23.6	24.0	19.9	21.3	20.3	21.7	22.0
	4H	22.5	23.8	22.9	24.1	24.5	20.4	21.7	20.8	22.0	22.4
	6H	22.9	24.1	23.3	24.4	24.8	20.6	21.8	21.0	22.2	22.6
	8H	22.9	24.1	23.4	24.5	24.9	20.7	21.8	21.1	22.2	22.6
	12H	23.0	24.1	23.4	24.5	24.9	20.7	21.8	21.1	22.2	22.6
4H	2H	20.7	22.0	21.1	22.4	22.7	19.3	20.6	19.7	20.9	21.3
	3H	22.5	23.6	22.9	24.0	24.4	20.8	21.9	21.2	22.3	22.7
	4H	23.2	24.2	23.6	24.6	25.0	21.3	22.3	21.8	22.7	23.2
	6H	23.7	24.5	24.1	25.0	25.4	21.7	22.5	22.1	23.0	23.4
	8H	23.8	24.6	24.3	25.1	25.5	21.8	22.6	22.2	23.0	23.5
	12H	23.9	24.6	24.4	25.1	25.6	21.8	22.5	22.3	23.0	23.5
8H	4H	23.3	24.1	23.8	24.6	25.0	21.6	22.4	22.1	22.9	23.3
	6H	23.9	24.6	24.4	25.0	25.5	22.1	22.7	22.6	23.2	23.7
	8H	24.1	24.7	24.6	25.2	25.7	22.2	22.8	22.7	23.3	23.8
	12H	24.2	24.8	24.8	25.3	25.8	22.3	22.8	22.8	23.3	23.8
12H	4H	23.3	24.0	23.8	24.5	25.0	21.7	22.4	22.2	22.9	23.3
	6H	23.9	24.5	24.4	25.0	25.5	22.1	22.7	22.6	23.2	23.7
	8H	24.1	24.7	24.6	25.1	25.7	22.3	22.8	22.8	23.3	23.8

Maximum UGR = 25.8

POLAR GRAPH



Maximum Candela = 1243.626 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.)