

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L8-935-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-L8-935-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	2719
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
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	6632	5880	5205
55	5806	5018	4262
65	4940	4127	3429
75	3966	3100	2524
85	2568	1592	1218

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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	1259.486	1259.486	1259.486	1259.486	1259.486
0.5	1265.643	1256.749	1259.828	1258.802	1258.118
1.0	1265.301	1256.407	1259.486	1258.460	1257.776
1.5	1264.959	1255.723	1259.144	1257.776	1257.091
2.0	1264.275	1255.381	1258.118	1256.407	1256.749
2.5	1263.933	1254.697	1257.433	1255.723	1255.381
3.0	1262.907	1253.671	1256.407	1254.013	1253.671
3.5	1262.222	1252.645	1255.039	1252.645	1251.960
4.0	1260.512	1251.276	1253.671	1250.934	1249.908
4.5	1259.828	1249.908	1251.960	1248.882	1247.514
5.0	1258.118	1248.540	1249.908	1246.829	1245.461
5.5	1257.433	1246.487	1247.856	1244.093	1242.383
6.0	1254.355	1244.777	1245.461	1241.356	1239.646
6.5	1252.645	1243.067	1242.725	1238.278	1236.225
7.0	1250.592	1240.672	1240.330	1235.199	1233.147
7.5	1248.540	1238.278	1237.252	1231.779	1229.384
8.0	1246.145	1235.541	1234.515	1228.016	1225.279
8.5	1243.751	1233.147	1231.436	1223.911	1221.175
9.0	1241.014	1230.410	1227.674	1219.806	1217.070
9.5	1237.936	1226.990	1224.253	1215.359	1212.281
10.0	1235.541	1223.911	1220.148	1211.255	1207.834
10.5	1231.779	1220.490	1216.386	1206.808	1203.045
11.0	1228.358	1217.070	1211.939	1201.677	1198.256
11.5	1224.937	1213.307	1207.492	1196.546	1192.441
12.0	1221.175	1209.544	1203.045	1191.073	1186.968
12.5	1216.728	1205.097	1198.256	1185.600	1180.811
13.0	1212.965	1200.993	1193.125	1179.785	1174.996
13.5	1209.202	1196.546	1187.994	1173.969	1169.181
14.0	1204.413	1192.099	1182.863	1167.470	1162.339
14.5	1200.309	1186.968	1177.048	1161.313	1155.840
15.0	1195.520	1182.179	1171.233	1154.814	1148.999
15.5	1190.731	1177.048	1165.418	1147.972	1142.157
16.0	1185.600	1171.917	1159.261	1141.131	1134.632
16.5	1180.811	1166.786	1153.103	1133.948	1127.449
17.0	1175.338	1160.971	1146.604	1126.764	1119.581
17.5	1170.207	1155.156	1140.447	1119.239	1111.713
18.0	1164.392	1149.683	1133.606	1111.713	1103.846
18.5	1159.261	1143.526	1126.764	1103.846	1095.294
19.0	1153.103	1137.368	1119.581	1095.636	1086.743
19.5	1147.288	1131.211	1112.398	1087.769	1078.191
20.0	1141.131	1124.712	1104.872	1079.559	1069.639
20.5	1134.974	1118.213	1097.347	1071.008	1060.746
21.0	1128.475	1111.713	1089.821	1062.456	1051.510
21.5	1122.318	1104.530	1081.954	1053.562	1042.616
22.0	1115.476	1097.689	1073.744	1044.669	1033.723
22.5	1108.635	1090.505	1065.535	1035.775	1024.145
23.0	1102.136	1083.664	1057.667	1026.197	1014.567
23.5	1095.294	1076.139	1049.115	1016.961	1004.989
24.0	1088.111	1068.613	1040.564	1007.726	995.069
24.5	1080.928	1061.088	1031.670	998.148	985.491
25.0	1073.402	1053.562	1023.118	988.570	975.571
25.5	1065.535	1045.353	1014.225	978.650	964.967
26.0	1058.009	1037.485	1004.647	968.730	954.705
26.5	1050.484	1029.276	995.753	958.810	944.101

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CANDELA TABULATION - (Cont.)

27.0	1042.274	1021.066	986.175	948.548	933.839
27.5	1033.723	1012.514	976.940	938.286	923.577
28.0	1025.855	1004.305	967.362	927.682	912.631
28.5	1017.645	995.753	958.126	917.420	902.027
29.0	1009.436	987.202	948.548	906.816	891.765
29.5	999.858	978.308	938.628	896.212	880.819
30.0	990.622	969.072	928.708	885.608	870.215
30.5	982.071	960.178	919.131	875.346	859.269
31.0	973.177	951.285	909.211	864.742	848.323
31.5	964.625	942.049	899.291	853.796	837.377
32.0	955.047	932.813	889.029	843.192	826.773
32.5	946.154	923.235	879.109	832.246	815.485
33.0	936.918	914.000	868.505	821.642	804.881
33.5	927.682	904.422	858.927	810.696	793.250
34.0	918.788	894.844	848.323	800.092	782.646
34.5	909.553	885.608	838.061	789.488	772.042
35.0	900.317	875.688	827.457	778.542	761.096
35.5	890.739	865.768	817.195	768.280	749.808
36.0	881.845	856.190	806.933	757.333	739.546
36.5	872.268	846.271	796.329	746.729	728.600
37.0	862.348	836.351	786.409	736.125	718.338
37.5	852.770	826.431	776.147	725.179	707.392
38.0	843.192	816.169	765.543	714.575	696.446
38.5	833.272	806.591	755.281	703.971	685.842
39.0	823.010	796.329	745.019	693.367	675.238
39.5	813.432	786.409	734.415	682.763	664.634
40.0	803.512	776.147	724.153	672.843	654.372
40.5	792.908	766.227	713.549	662.239	643.426
41.0	782.988	755.965	703.287	651.635	632.137
41.5	773.068	746.045	693.025	641.031	621.533
42.0	762.464	735.783	682.763	630.085	610.587
42.5	751.518	725.179	672.501	619.823	599.983
43.0	741.256	714.917	662.239	608.535	589.379
43.5	731.336	704.997	651.977	597.931	579.459
44.0	720.390	694.735	641.715	588.011	569.197
44.5	710.128	684.473	630.427	577.749	558.935
45.0	699.524	674.554	620.165	567.829	549.015
45.5	688.920	663.950	609.561	557.909	538.753
46.0	678.658	654.030	599.641	547.989	528.834
46.5	668.396	643.768	589.721	538.411	519.256
47.0	657.792	633.506	579.801	528.491	509.336
47.5	647.188	622.560	570.224	518.914	499.758
48.0	636.926	611.956	560.646	509.336	489.838
48.5	626.322	602.036	550.726	499.758	480.260
49.0	615.034	591.774	541.148	490.180	471.024
49.5	605.114	582.196	531.912	480.602	461.789
50.0	594.852	572.276	522.334	471.367	452.553
50.5	585.274	562.356	512.756	462.131	443.317
51.0	575.012	552.778	503.179	452.553	434.081
51.5	565.093	542.858	493.943	443.659	425.188
52.0	555.515	532.938	484.365	434.423	416.294
52.5	545.595	523.361	475.129	425.530	407.742
53.0	535.675	513.783	465.893	416.636	399.191
53.5	525.755	504.205	457.000	407.742	390.297
54.0	516.177	494.627	447.422	399.191	381.745
54.5	506.257	485.391	438.528	390.297	373.194

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CANDELA TABULATION - (Cont.)

55.0	496.679	475.813	429.292	382.087	364.642
55.5	486.759	466.578	420.399	373.194	356.432
56.0	476.840	457.000	411.505	364.984	348.223
56.5	467.262	447.764	402.611	356.775	340.526
57.0	457.342	438.528	393.376	348.565	332.419
57.5	447.764	429.635	384.824	340.355	324.518
58.0	438.186	420.399	375.930	332.283	316.753
58.5	428.608	411.163	367.036	324.312	308.988
59.0	419.030	402.269	358.485	316.479	301.291
59.5	409.453	393.376	349.933	308.646	293.800
60.0	400.217	384.482	341.313	300.778	286.343
60.5	390.981	375.588	332.967	293.116	278.886
61.0	381.745	367.036	324.449	285.522	271.566
61.5	372.852	358.143	316.171	277.860	264.348
62.0	363.616	349.249	307.825	270.540	257.370
62.5	354.722	340.800	299.752	263.185	250.255
63.0	345.828	332.351	291.714	255.865	243.277
63.5	337.106	323.902	283.675	248.477	236.231
64.0	328.623	315.521	275.842	241.362	229.458
64.5	319.866	307.141	267.940	234.281	222.719
65.0	311.382	298.931	260.175	227.200	216.151
65.5	302.968	290.619	252.342	220.256	209.447
66.0	294.587	282.375	244.782	213.483	202.879
66.5	286.275	274.234	237.188	206.608	196.243
67.0	277.860	266.161	229.697	199.801	189.881
67.5	269.445	258.089	222.308	193.233	183.518
68.0	261.372	250.153	214.851	186.631	177.087
68.5	253.129	242.285	207.565	180.132	170.896
69.0	244.953	234.418	200.348	173.667	164.739
69.5	237.017	226.584	193.301	167.270	158.753
70.0	228.979	218.785	186.118	161.010	152.698
70.5	221.043	211.123	179.071	154.785	146.849
71.0	213.107	203.529	172.230	148.730	140.931
71.5	205.342	195.867	165.389	142.710	135.219
72.0	197.611	188.410	158.616	136.724	129.506
72.5	189.915	181.021	151.877	130.874	123.965
73.0	182.424	173.735	145.275	124.991	118.526
73.5	174.932	166.347	138.776	119.381	113.087
74.0	167.578	159.095	132.345	113.737	107.682
74.5	160.292	151.980	125.983	108.264	102.551
75.0	153.109	144.967	119.655	102.757	97.455
75.5	146.062	138.092	113.532	97.523	92.392
76.0	139.187	131.285	107.545	92.289	87.500
76.5	132.277	124.478	101.559	87.261	82.711
77.0	125.743	117.842	95.813	82.233	77.957
77.5	119.107	111.308	90.100	77.375	73.305
78.0	112.505	104.877	84.456	72.621	68.892
78.5	105.972	98.515	79.051	68.003	64.411
79.0	99.746	92.392	73.749	63.453	60.101
79.5	93.623	86.166	68.584	58.904	55.894
80.0	87.535	80.214	63.453	54.628	51.823
80.5	81.480	74.297	58.459	50.386	47.787
81.0	75.631	68.550	53.670	46.350	43.955
81.5	69.850	62.974	48.984	42.348	40.159
82.0	64.274	57.330	44.537	38.448	36.396
82.5	58.835	51.994	40.159	34.651	32.804

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CANDELA TABULATION - (Cont.)

83.0	53.465	46.726	35.917	30.957	29.144
83.5	48.163	41.698	31.915	27.331	25.655
84.0	43.100	36.772	28.015	23.774	22.268
84.5	38.106	32.120	24.287	20.387	19.019
85.0	33.386	27.639	20.695	17.206	15.838
85.5	28.802	23.329	17.274	13.956	12.417
86.0	24.492	19.224	14.196	10.604	8.654
86.5	20.216	15.530	11.220	6.704	5.336
87.0	16.282	12.041	8.004	4.242	3.797
87.5	12.622	8.962	4.618	3.250	2.976
88.0	9.236	6.123	2.908	2.497	2.326
88.5	6.362	3.421	2.155	1.813	1.608
89.0	4.002	1.710	1.437	1.163	1.026
89.5	1.984	0.924	0.787	0.582	0.513
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-L8-935-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-L8-935-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-L8-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	447.38	N.A.	16.50
0-30	917.05	N.A.	33.70
0-40	1434.42	N.A.	52.80
0-60	2298.72	N.A.	84.50
0-80	2690.92	N.A.	99.00
0-90	2719.08	N.A.	100.00
10-90	2600.8	N.A.	95.60
20-40	987.04	N.A.	36.30
20-50	1466.82	N.A.	53.90
40-70	1124.91	N.A.	41.40
60-80	392.20	N.A.	14.40
70-80	131.59	N.A.	4.80
80-90	28.16	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	2719.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	118.28
10-20	329.10
20-30	469.67
30-40	517.37
40-50	479.78
50-60	384.52
60-70	260.61
70-80	131.59
80-90	28.16
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-L8-935-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-L8-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

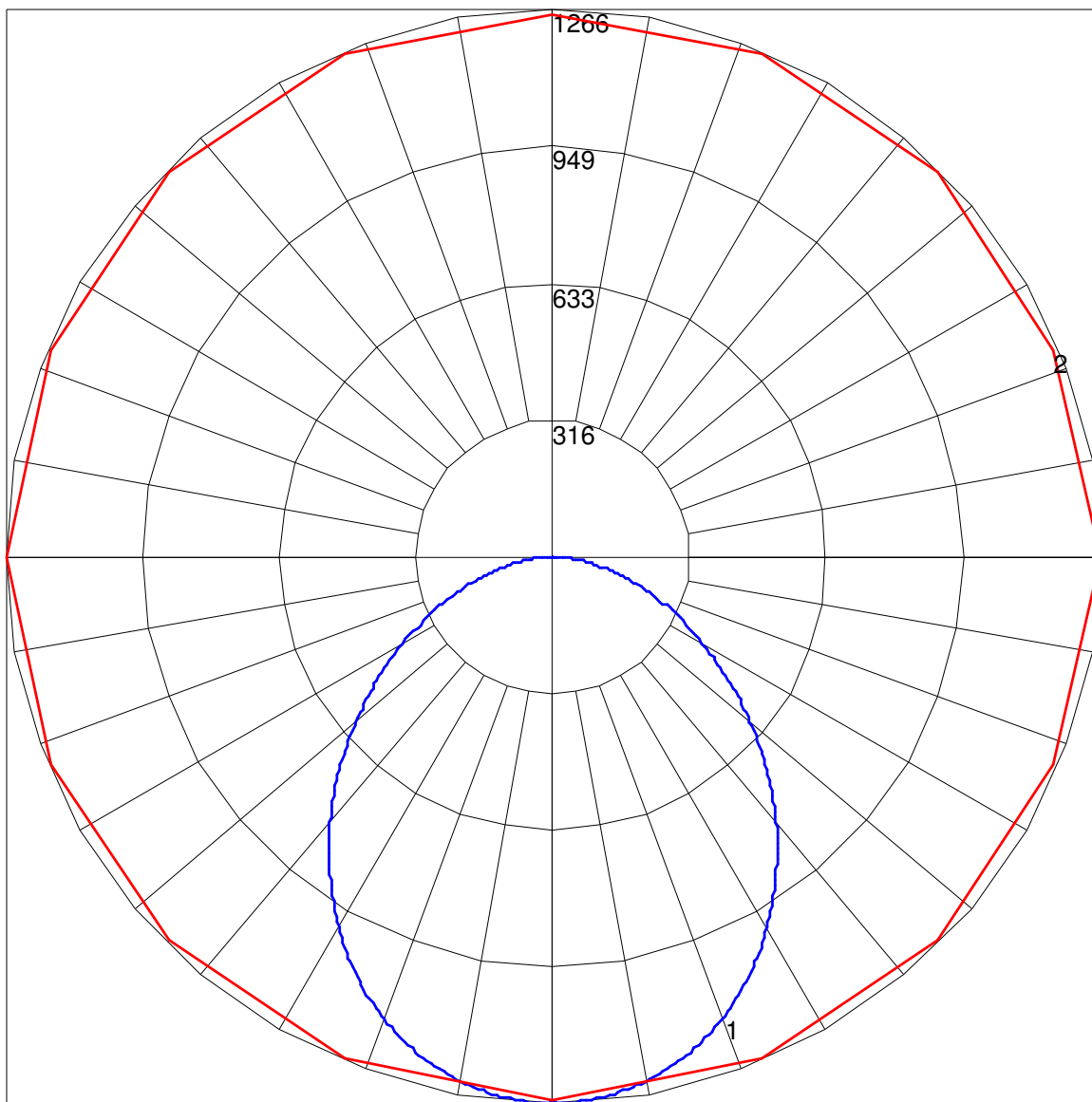
Reflectances

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	18.0	19.6	18.4	19.9	20.2	16.3	17.8	16.7	18.1	18.5
	3H	19.6	21.0	20.0	21.3	21.7	17.6	19.0	18.0	19.3	19.7
	4H	20.2	21.5	20.6	21.8	22.2	18.1	19.4	18.5	19.7	20.1
	6H	20.5	21.7	21.0	22.1	22.5	18.3	19.5	18.7	19.9	20.3
	8H	20.6	21.8	21.1	22.2	22.6	18.4	19.5	18.8	19.9	20.3
	12H	20.7	21.8	21.1	22.2	22.6	18.4	19.5	18.8	19.9	20.3
4H	2H	18.4	19.7	18.8	20.0	20.4	17.0	18.3	17.4	18.6	19.0
	3H	20.2	21.3	20.6	21.7	22.1	18.5	19.6	18.9	20.0	20.4
	4H	20.9	21.8	21.3	22.3	22.7	19.0	20.0	19.5	20.4	20.9
	6H	21.4	22.2	21.8	22.7	23.1	19.4	20.2	19.8	20.7	21.1
	8H	21.5	22.3	22.0	22.8	23.2	19.5	20.2	19.9	20.7	21.2
	12H	21.6	22.3	22.1	22.8	23.3	19.5	20.2	20.0	20.7	21.1
8H	4H	21.0	21.8	21.5	22.2	22.7	19.3	20.1	19.8	20.6	21.0
	6H	21.6	22.2	22.1	22.7	23.2	19.8	20.4	20.2	20.9	21.4
	8H	21.8	22.4	22.3	22.9	23.4	19.9	20.5	20.4	21.0	21.5
	12H	21.9	22.5	22.4	22.9	23.5	19.9	20.5	20.5	21.0	21.5
12H	4H	21.0	21.7	21.5	22.2	22.7	19.4	20.1	19.8	20.5	21.0
	6H	21.6	22.2	22.1	22.6	23.2	19.8	20.4	20.3	20.9	21.4
	8H	21.8	22.3	22.3	22.8	23.4	20.0	20.5	20.5	21.0	21.5

Maximum UGR = 23.5

POLAR GRAPH



Maximum Candela = 1265.643 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.)