

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L8-935-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L8-935-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	2679
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
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	11443	9907	8642
55	10113	8482	7018
65	8675	6826	5509
75	6960	4867	3780
85	4582	1450	785

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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	1274.278	1274.278	1274.278	1274.278	1274.278
0.5	1276.264	1272.292	1275.469	1274.675	1271.100
1.0	1275.469	1271.894	1275.469	1274.278	1270.703
1.5	1275.072	1271.100	1274.278	1273.086	1269.511
2.0	1274.675	1270.703	1273.880	1272.292	1268.319
2.5	1273.880	1269.908	1272.689	1270.703	1267.128
3.0	1273.086	1269.114	1271.497	1269.114	1265.142
3.5	1271.894	1267.922	1269.511	1266.730	1263.155
4.0	1270.703	1266.333	1267.922	1264.744	1260.375
4.5	1269.511	1264.744	1265.539	1261.964	1257.197
5.0	1268.717	1263.155	1263.553	1258.786	1254.417
5.5	1266.333	1261.169	1260.772	1256.006	1251.239
6.0	1264.744	1259.183	1257.992	1252.431	1247.664
6.5	1262.758	1256.800	1255.211	1248.458	1243.692
7.0	1260.375	1254.019	1252.033	1244.883	1238.925
7.5	1257.992	1251.636	1248.458	1240.117	1234.159
8.0	1255.608	1248.856	1244.883	1235.747	1228.995
8.5	1252.828	1245.678	1240.911	1230.981	1224.625
9.0	1249.650	1242.500	1236.939	1225.817	1219.461
9.5	1246.870	1239.720	1232.570	1220.653	1213.503
10.0	1243.692	1236.145	1228.200	1215.092	1207.545
10.5	1240.911	1232.570	1223.434	1209.134	1201.189
11.0	1237.336	1228.597	1218.270	1203.175	1194.039
11.5	1234.159	1225.022	1213.106	1196.820	1188.081
12.0	1231.775	1221.448	1207.545	1190.464	1181.328
12.5	1226.611	1217.475	1201.984	1183.315	1174.576
13.0	1221.845	1212.709	1196.423	1176.562	1167.029
13.5	1217.873	1207.148	1190.464	1169.809	1159.481
14.0	1213.106	1201.984	1184.109	1162.262	1151.934
14.5	1208.339	1196.423	1177.753	1154.715	1143.990
15.0	1203.573	1191.259	1171.795	1147.168	1135.648
15.5	1198.806	1186.095	1165.440	1138.826	1127.307
16.0	1193.642	1180.534	1159.084	1130.882	1119.362
16.5	1188.876	1174.576	1151.934	1122.937	1110.623
17.0	1182.917	1168.617	1143.990	1114.198	1101.487
17.5	1177.356	1162.659	1136.443	1105.857	1092.749
18.0	1172.192	1156.304	1128.896	1097.118	1083.215
18.5	1165.837	1149.948	1120.951	1087.982	1074.079
19.0	1159.879	1143.593	1113.007	1079.640	1064.943
19.5	1154.318	1136.840	1105.062	1070.107	1054.616
20.0	1147.565	1130.087	1097.118	1060.574	1045.082
20.5	1141.607	1123.732	1089.174	1051.438	1035.549
21.0	1135.251	1116.582	1080.435	1042.302	1025.619
21.5	1128.498	1109.432	1071.696	1032.769	1015.688
22.0	1121.746	1102.282	1063.354	1022.838	1005.758
22.5	1114.993	1094.735	1055.013	1012.908	995.827
23.0	1107.843	1087.585	1045.877	1002.977	985.500
23.5	1101.090	1080.038	1036.741	993.444	975.172
24.0	1093.146	1072.093	1027.605	983.116	965.241
24.5	1085.996	1064.149	1018.072	973.186	954.914
25.0	1078.449	1056.205	1009.333	962.858	944.586
25.5	1070.902	1048.260	999.799	952.530	933.861
26.0	1063.354	1039.521	990.266	942.600	923.533
26.5	1055.410	1031.577	980.733	932.272	912.809

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CANDELA TABULATION - (Cont.)

27.0	1047.069	1022.838	971.200	921.945	902.481
27.5	1038.727	1014.497	961.269	911.617	891.756
28.0	1029.591	1005.758	951.736	901.289	881.031
28.5	1020.455	997.019	942.203	891.359	870.306
29.0	1012.113	988.280	931.875	880.634	859.581
29.5	1003.772	979.144	921.945	869.909	848.459
30.0	994.636	970.008	912.411	859.581	838.529
30.5	986.294	961.269	902.481	848.856	827.804
31.0	977.158	952.133	892.550	838.131	817.476
31.5	968.816	942.600	882.223	827.804	807.148
32.0	959.680	933.067	872.292	817.079	796.424
32.5	950.544	923.533	861.965	805.957	785.699
33.0	941.806	914.000	852.034	795.629	775.371
33.5	932.670	904.864	842.104	785.699	765.043
34.0	923.136	894.934	831.776	774.974	754.318
34.5	914.000	885.400	821.845	764.646	744.388
35.0	904.467	875.867	811.518	754.318	733.266
35.5	895.728	865.937	801.190	743.991	722.541
36.0	886.195	856.404	791.260	733.266	711.021
36.5	876.662	846.473	780.932	722.541	701.091
37.0	867.526	836.543	770.604	711.419	690.763
37.5	857.595	826.612	761.071	701.091	680.833
38.0	847.267	817.079	750.743	691.161	670.505
38.5	837.734	806.751	740.416	681.230	660.575
39.0	828.598	796.821	729.294	670.902	650.644
39.5	818.271	786.890	718.569	660.972	640.714
40.0	808.737	776.960	708.241	651.439	630.783
40.5	798.807	767.029	698.310	641.111	620.853
41.0	788.082	757.099	688.380	631.578	610.922
41.5	778.151	746.771	678.052	621.647	601.389
42.0	767.824	736.443	668.519	612.114	591.459
42.5	757.496	725.719	658.191	602.184	581.925
43.0	747.566	714.596	649.055	592.650	571.995
43.5	736.841	704.666	639.125	583.117	562.064
44.0	725.719	694.736	629.194	573.584	552.134
44.5	714.199	684.408	619.661	564.051	542.204
45.0	704.269	674.477	609.731	554.517	531.876
45.5	694.338	664.547	600.197	544.984	521.945
46.0	684.011	654.616	590.267	535.054	512.412
46.5	673.683	644.686	580.734	525.520	502.482
47.0	663.355	634.755	571.598	515.590	492.948
47.5	653.425	624.825	562.064	506.057	483.415
48.0	643.097	614.895	552.531	496.126	473.882
48.5	633.167	605.361	542.998	486.593	464.349
49.0	623.236	595.431	533.862	477.060	454.815
49.5	612.908	585.500	524.329	467.526	445.679
50.0	603.375	575.967	515.193	458.390	436.941
50.5	593.445	566.037	506.057	448.857	427.805
51.0	583.514	556.503	496.921	439.721	418.669
51.5	573.584	546.970	487.785	430.585	409.930
52.0	563.653	537.437	478.649	421.449	401.191
52.5	554.120	527.904	469.513	412.710	392.373
53.0	544.190	518.768	460.376	403.574	383.515
53.5	534.259	509.234	451.240	394.796	375.491
54.0	524.329	499.701	442.104	386.017	366.792
54.5	514.795	490.168	432.571	377.397	358.450

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CANDELA TABULATION - (Cont.)

55.0	504.865	481.032	423.435	368.619	350.347
55.5	495.332	471.896	414.299	360.158	342.244
56.0	485.401	462.760	404.766	351.658	334.061
56.5	475.868	453.227	395.789	343.396	325.839
57.0	465.938	444.488	386.772	335.054	317.974
57.5	456.802	435.352	377.755	326.911	310.029
58.0	447.268	426.216	368.778	318.808	302.363
58.5	437.338	417.080	359.999	310.784	294.577
59.0	428.202	407.944	351.141	302.879	286.871
59.5	418.669	399.205	342.363	294.975	279.404
60.0	409.532	390.228	333.743	287.308	272.095
60.5	399.999	381.489	325.282	279.523	264.667
61.0	390.784	372.710	316.822	271.817	257.437
61.5	381.568	363.971	308.361	264.270	250.407
62.0	372.393	355.233	299.940	257.040	243.296
62.5	363.415	346.692	291.598	249.692	236.226
63.0	354.438	338.192	283.376	242.383	229.394
63.5	345.660	329.771	275.153	235.193	222.721
64.0	336.603	321.310	267.090	228.123	215.849
64.5	327.785	312.969	259.066	221.092	209.215
65.0	319.086	304.587	251.082	214.180	202.661
65.5	310.347	296.285	243.177	207.269	196.107
66.0	301.767	288.182	235.352	200.556	189.632
66.5	293.267	279.999	227.686	193.763	183.316
67.0	284.647	271.817	219.940	187.130	177.040
67.5	276.186	263.753	212.433	180.576	170.725
68.0	267.884	255.531	204.806	174.061	164.568
68.5	259.543	247.269	197.497	167.706	158.451
69.0	251.281	238.848	190.188	161.311	152.413
69.5	243.058	230.665	182.959	155.074	146.534
70.0	234.796	222.442	175.809	148.917	140.496
70.5	226.613	214.220	168.739	142.800	134.776
71.0	218.470	206.117	161.747	136.723	128.977
71.5	210.566	198.133	154.876	130.804	123.178
72.0	202.780	190.228	148.123	124.846	117.497
72.5	194.796	182.522	141.450	119.046	111.897
73.0	187.050	174.776	134.895	113.287	106.455
73.5	179.265	167.070	128.461	107.567	100.933
74.0	171.757	159.642	122.105	102.085	95.650
74.5	164.210	152.214	115.869	96.484	90.367
75.0	156.782	144.826	109.632	91.043	85.164
75.5	149.394	137.676	103.595	85.680	80.159
76.0	142.284	130.526	97.676	80.516	75.154
76.5	135.213	123.614	91.797	75.432	70.347
77.0	128.222	116.623	86.077	70.387	65.740
77.5	121.390	109.831	80.437	65.541	61.132
78.0	114.598	103.158	74.876	60.814	56.643
78.5	108.004	96.604	69.354	56.206	52.274
79.0	101.489	90.129	64.032	51.678	47.984
79.5	95.213	83.734	58.868	47.309	43.734
80.0	89.017	77.497	53.863	43.059	39.642
80.5	82.939	71.380	49.017	38.808	35.551
81.0	76.941	65.342	44.409	34.677	31.579
81.5	71.102	59.503	39.881	30.586	27.527
82.0	65.422	53.863	35.591	26.653	23.515
82.5	59.901	48.381	31.380	22.602	19.265

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CANDELA TABULATION - (Cont.)

83.0	54.538	43.059	27.249	18.471	14.697
83.5	49.335	37.895	23.277	13.903	9.811
84.0	44.290	33.009	19.384	9.255	7.587
84.5	39.444	28.322	15.452	7.070	6.713
85.0	34.757	23.873	11.003	6.197	5.958
85.5	30.268	19.702	6.673	5.442	5.243
86.0	25.938	15.730	5.243	4.687	4.528
86.5	21.728	11.996	4.449	3.972	3.813
87.0	17.795	8.342	3.694	3.297	3.138
87.5	14.022	4.409	2.939	2.582	2.502
88.0	10.487	2.781	2.264	1.946	1.827
88.5	7.229	2.066	1.589	1.351	1.271
89.0	4.409	1.351	0.953	0.794	0.755
89.5	1.986	0.715	0.477	0.397	0.318
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-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 : LRX2X-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 : LRX2X-4-L8-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	448.12	N.A.	16.70
0-30	912.27	N.A.	34.10
0-40	1421.5	N.A.	53.10
0-60	2275.95	N.A.	85.00
0-80	2656.44	N.A.	99.20
0-90	2679.1	N.A.	100.00
10-90	2559.8	N.A.	95.50
20-40	973.38	N.A.	36.30
20-50	1447.26	N.A.	54.00
40-70	1110.26	N.A.	41.40
60-80	380.49	N.A.	14.20
70-80	124.68	N.A.	4.70
80-90	22.66	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	2679.1	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	119.30
10-20	328.82
20-30	464.14
30-40	509.24
40-50	473.88
50-60	380.57
60-70	255.81
70-80	124.68
80-90	22.66
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-L8-935-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	99	107	104	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-L8-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

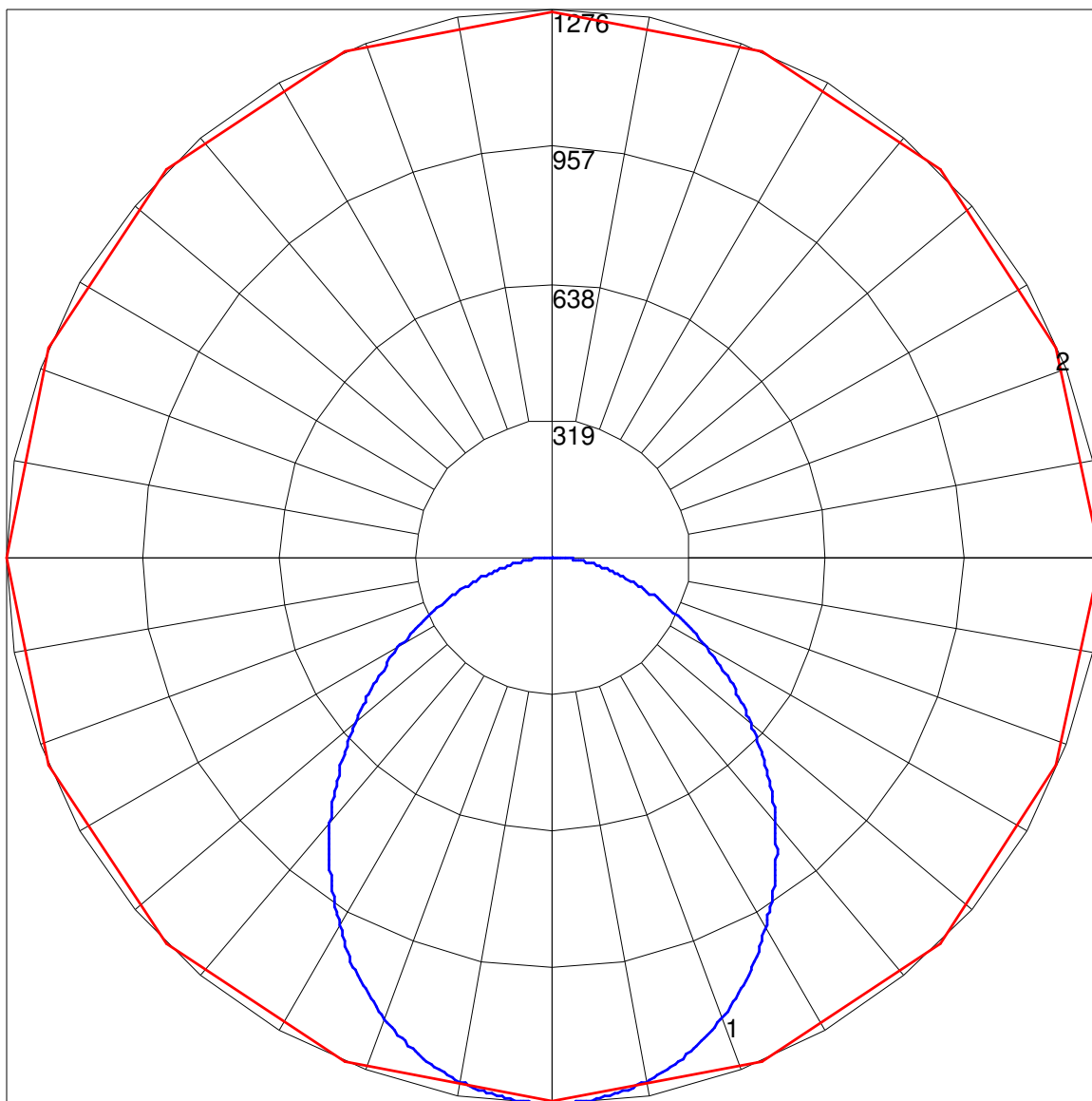
Reflectances

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	20.0	21.5	20.4	21.9	22.2	17.9	19.4	18.3	19.7	20.0
	3H	21.6	23.0	22.0	23.3	23.7	19.1	20.5	19.5	20.9	21.2
	4H	22.2	23.5	22.6	23.8	24.2	19.5	20.8	19.9	21.2	21.5
	6H	22.5	23.7	22.9	24.1	24.5	19.7	20.9	20.1	21.3	21.7
	8H	22.6	23.8	23.1	24.2	24.6	19.7	20.9	20.2	21.2	21.6
	12H	22.7	23.8	23.1	24.2	24.6	19.7	20.8	20.1	21.2	21.6
4H	2H	20.3	21.6	20.7	22.0	22.3	18.6	19.9	19.0	20.2	20.6
	3H	22.2	23.2	22.6	23.6	24.0	20.0	21.1	20.4	21.5	21.9
	4H	22.8	23.8	23.3	24.2	24.7	20.5	21.4	20.9	21.9	22.3
	6H	23.3	24.2	23.8	24.6	25.1	20.7	21.6	21.2	22.0	22.5
	8H	23.5	24.2	23.9	24.7	25.2	20.7	21.5	21.2	22.0	22.4
	12H	23.5	24.3	24.0	24.7	25.2	20.7	21.4	21.2	21.9	22.4
8H	4H	22.9	23.7	23.4	24.1	24.6	20.8	21.6	21.2	22.0	22.5
	6H	23.5	24.1	24.0	24.6	25.1	21.1	21.7	21.6	22.2	22.7
	8H	23.7	24.3	24.2	24.8	25.3	21.1	21.7	21.6	22.2	22.7
	12H	23.8	24.3	24.3	24.8	25.4	21.1	21.6	21.6	22.1	22.7
12H	4H	22.9	23.6	23.4	24.1	24.6	20.8	21.5	21.3	22.0	22.5
	6H	23.5	24.1	24.0	24.5	25.1	21.1	21.7	21.7	22.2	22.7
	8H	23.7	24.2	24.2	24.7	25.3	21.2	21.7	21.7	22.2	22.8

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 1276.264 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.)