

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L15-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-2-L15-940-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	2582
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
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	12595	11166	9885
55	11025	9529	8094
65	9380	7838	6512
75	7531	5886	4794
85	4877	3023	2314

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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	1195.860	1195.860	1195.860	1195.860	1195.860
0.5	1201.706	1193.262	1196.185	1195.211	1194.561
1.0	1201.382	1192.937	1195.860	1194.886	1194.236
1.5	1201.057	1192.288	1195.535	1194.236	1193.587
2.0	1200.407	1191.963	1194.561	1192.937	1193.262
2.5	1200.082	1191.313	1193.912	1192.288	1191.963
3.0	1199.108	1190.339	1192.937	1190.664	1190.339
3.5	1198.458	1189.365	1191.638	1189.365	1188.715
4.0	1196.835	1188.065	1190.339	1187.741	1186.766
4.5	1196.185	1186.766	1188.715	1185.792	1184.493
5.0	1194.561	1185.467	1186.766	1183.843	1182.544
5.5	1193.912	1183.518	1184.818	1181.245	1179.621
6.0	1190.988	1181.894	1182.544	1178.647	1177.023
6.5	1189.365	1180.271	1179.946	1175.724	1173.775
7.0	1187.416	1177.997	1177.672	1172.800	1170.852
7.5	1185.467	1175.724	1174.749	1169.553	1167.279
8.0	1183.194	1173.125	1172.151	1165.980	1163.382
8.5	1180.920	1170.852	1169.228	1162.083	1159.484
9.0	1178.322	1168.253	1165.655	1158.185	1155.587
9.5	1175.399	1165.006	1162.407	1153.963	1151.040
10.0	1173.125	1162.083	1158.510	1150.065	1146.818
10.5	1169.553	1158.835	1154.937	1145.843	1142.271
11.0	1166.305	1155.587	1150.715	1140.971	1137.724
11.5	1163.057	1152.014	1146.493	1136.100	1132.202
12.0	1159.484	1148.442	1142.271	1130.903	1127.006
12.5	1155.262	1144.219	1137.724	1125.707	1121.160
13.0	1151.689	1140.322	1132.852	1120.185	1115.638
13.5	1148.117	1136.100	1127.980	1114.664	1110.117
14.0	1143.570	1131.877	1123.108	1108.493	1103.621
14.5	1139.672	1127.006	1117.587	1102.647	1097.450
15.0	1135.125	1122.459	1112.066	1096.476	1090.954
15.5	1130.578	1117.587	1106.544	1089.980	1084.459
16.0	1125.707	1112.715	1100.698	1083.484	1077.314
16.5	1121.160	1107.843	1094.852	1076.664	1070.493
17.0	1115.963	1102.322	1088.681	1069.843	1063.023
17.5	1111.091	1096.801	1082.835	1062.698	1055.553
18.0	1105.570	1091.604	1076.339	1055.553	1048.083
18.5	1100.698	1085.758	1069.843	1048.083	1039.963
19.0	1094.852	1079.912	1063.023	1040.288	1031.844
19.5	1089.331	1074.066	1056.202	1032.818	1023.724
20.0	1083.484	1067.895	1049.057	1025.023	1015.604
20.5	1077.638	1061.724	1041.912	1016.903	1007.160
21.0	1071.467	1055.553	1034.767	1008.784	998.391
21.5	1065.621	1048.732	1027.297	1000.339	989.946
22.0	1059.126	1042.237	1019.502	991.895	981.502
22.5	1052.630	1035.416	1011.707	983.450	972.408
23.0	1046.459	1028.920	1004.237	974.357	963.314
23.5	1039.963	1021.775	996.117	965.587	954.220
24.0	1033.143	1014.630	987.997	956.818	944.801
24.5	1026.322	1007.485	979.553	947.724	935.707
25.0	1019.177	1000.339	971.433	938.630	926.288
25.5	1011.707	992.544	962.989	929.211	916.220
26.0	1004.562	985.074	953.895	919.793	906.476
26.5	997.416	977.280	945.451	910.374	896.408

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CANDELA TABULATION - (Cont.)

27.0	989.621	969.485	936.357	900.630	886.664
27.5	981.502	961.365	927.587	890.887	876.921
28.0	974.032	953.570	918.493	880.818	866.528
28.5	966.237	945.451	909.724	871.075	856.459
29.0	958.442	937.331	900.630	861.006	846.716
29.5	949.348	928.887	891.211	850.938	836.323
30.0	940.579	920.117	881.793	840.870	826.254
30.5	932.459	911.673	872.699	831.126	815.861
31.0	924.015	903.228	863.280	821.058	805.468
31.5	915.895	894.459	853.861	810.665	795.075
32.0	906.801	885.690	844.118	800.596	785.007
32.5	898.357	876.596	834.699	790.203	774.289
33.0	889.587	867.827	824.630	780.135	764.220
33.5	880.818	858.733	815.536	769.742	753.178
34.0	872.374	849.639	805.468	759.673	743.109
34.5	863.605	840.870	795.724	749.605	733.041
35.0	854.835	831.451	785.656	739.212	722.648
35.5	845.741	822.032	775.913	729.468	711.930
36.0	837.297	812.938	766.169	719.075	702.186
36.5	828.203	803.519	756.101	709.007	691.793
37.0	818.784	794.101	746.682	698.938	682.050
37.5	809.690	784.682	736.938	688.545	671.656
38.0	800.596	774.938	726.870	678.477	661.263
38.5	791.177	765.844	717.126	668.409	651.195
39.0	781.434	756.101	707.383	658.340	641.127
39.5	772.340	746.682	697.314	648.272	631.058
40.0	762.921	736.938	687.571	638.853	621.315
40.5	752.853	727.520	677.503	628.785	610.922
41.0	743.434	717.776	667.759	618.716	600.204
41.5	734.015	708.357	658.015	608.648	590.135
42.0	723.947	698.614	648.272	598.255	579.742
42.5	713.554	688.545	638.528	588.511	569.674
43.0	703.810	678.802	628.785	577.793	559.605
43.5	694.391	669.383	619.041	567.725	550.187
44.0	683.998	659.639	609.298	558.306	540.443
44.5	674.255	649.896	598.580	548.563	530.700
45.0	664.186	640.477	588.836	539.144	521.281
45.5	654.118	630.409	578.768	529.725	511.537
46.0	644.374	620.990	569.349	520.306	502.118
46.5	634.631	611.246	559.930	511.212	493.024
47.0	624.563	601.503	550.511	501.794	483.606
47.5	614.494	591.110	541.417	492.700	474.512
48.0	604.751	581.041	532.323	483.606	465.093
48.5	594.682	571.622	522.905	474.512	455.999
49.0	583.964	561.879	513.811	465.418	447.230
49.5	574.546	552.785	505.041	456.324	438.460
50.0	564.802	543.366	495.947	447.554	429.691
50.5	555.708	533.947	486.853	438.785	420.922
51.0	545.964	524.853	477.759	429.691	412.153
51.5	536.546	515.435	468.990	421.247	403.708
52.0	527.452	506.016	459.896	412.478	395.264
52.5	518.033	496.922	451.127	404.033	387.144
53.0	508.614	487.828	442.358	395.589	379.025
53.5	499.195	478.734	433.913	387.144	370.580
54.0	490.101	469.640	424.819	379.025	362.461
54.5	480.683	460.871	416.375	370.580	354.341

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CANDELA TABULATION - (Cont.)

55.0	471.589	451.777	407.606	362.785	346.221
55.5	462.170	443.007	399.161	354.341	338.426
56.0	452.751	433.913	390.717	346.546	330.632
56.5	443.657	425.144	382.273	338.751	323.324
57.0	434.238	416.375	373.503	330.956	315.627
57.5	425.144	407.931	365.384	323.162	308.124
58.0	416.050	399.161	356.939	315.497	300.751
58.5	406.956	390.392	348.495	307.929	293.379
59.0	397.862	381.948	340.375	300.492	286.071
59.5	388.768	373.503	332.256	293.054	278.958
60.0	379.999	365.059	324.071	285.584	271.878
60.5	371.230	356.614	316.146	278.309	264.798
61.0	362.461	348.495	308.059	271.098	257.847
61.5	354.016	340.050	300.199	263.823	250.994
62.0	345.247	331.606	292.274	256.873	244.369
62.5	336.803	323.584	284.610	249.890	237.613
63.0	328.358	315.562	276.977	242.940	230.987
63.5	320.076	307.539	269.345	235.924	224.297
64.0	312.021	299.582	261.907	229.169	217.866
64.5	303.707	291.625	254.404	222.446	211.468
65.0	295.652	283.830	247.032	215.723	205.232
65.5	287.663	275.938	239.594	209.129	198.866
66.0	279.705	268.110	232.417	202.699	192.630
66.5	271.813	260.381	225.206	196.170	186.329
67.0	263.823	252.716	218.093	189.707	180.288
67.5	255.834	245.051	211.078	183.471	174.247
68.0	248.169	237.516	203.998	177.203	168.141
68.5	240.341	230.046	197.080	171.032	162.263
69.0	232.579	222.576	190.227	164.894	156.417
69.5	225.044	215.138	183.536	158.820	150.733
70.0	217.411	207.733	176.716	152.877	144.984
70.5	209.876	200.458	170.025	146.965	139.430
71.0	202.341	193.247	163.529	141.217	133.812
71.5	194.969	185.972	157.034	135.501	128.388
72.0	187.629	178.892	150.603	129.817	122.964
72.5	180.321	171.876	144.205	124.263	117.702
73.0	173.208	164.959	137.936	118.677	112.538
73.5	166.095	157.943	131.765	113.350	107.374
74.0	159.112	151.058	125.660	107.991	102.242
74.5	152.194	144.302	119.618	102.795	97.371
75.0	145.374	137.644	113.610	97.566	92.531
75.5	138.683	131.116	107.796	92.596	87.725
76.0	132.155	124.653	102.113	87.627	83.080
76.5	125.595	118.189	96.429	82.853	78.533
77.0	119.391	111.889	90.972	78.078	74.019
77.5	113.090	105.685	85.549	73.466	69.602
78.0	106.822	99.579	80.190	68.952	65.412
78.5	100.619	93.538	75.058	64.567	61.157
79.0	94.707	87.725	70.024	60.248	57.065
79.5	88.894	81.813	65.119	55.928	53.070
80.0	83.113	76.162	60.248	51.868	49.205
80.5	77.364	70.543	55.506	47.841	45.373
81.0	71.810	65.087	50.959	44.008	41.735
81.5	66.321	59.793	46.509	40.208	38.130
82.0	61.027	54.434	42.287	36.506	34.557
82.5	55.863	49.367	38.130	32.901	31.147

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CANDELA TABULATION - (Cont.)

83.0	50.764	44.366	34.102	29.393	27.672
83.5	45.730	39.591	30.302	25.950	24.359
84.0	40.923	34.914	26.600	22.573	21.144
84.5	36.181	30.497	23.060	19.357	18.058
85.0	31.699	26.243	19.650	16.337	15.038
85.5	27.347	22.150	16.402	13.251	11.790
86.0	23.255	18.253	13.479	10.068	8.217
86.5	19.195	14.745	10.653	6.366	5.067
87.0	15.460	11.432	7.600	4.027	3.605
87.5	11.985	8.509	4.385	3.085	2.826
88.0	8.769	5.814	2.761	2.371	2.209
88.5	6.041	3.248	2.046	1.721	1.526
89.0	3.800	1.624	1.364	1.104	0.974
89.5	1.884	0.877	0.747	0.552	0.487
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-L15-940-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-L15-940-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-L15-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	424.78	N.A.	16.50
0-30	870.72	N.A.	33.70
0-40	1361.96	N.A.	52.80
0-60	2182.6	N.A.	84.50
0-80	2554.98	N.A.	99.00
0-90	2581.72	N.A.	100.00
10-90	2469.41	N.A.	95.60
20-40	937.18	N.A.	36.30
20-50	1392.72	N.A.	53.90
40-70	1068.09	N.A.	41.40
60-80	372.39	N.A.	14.40
70-80	124.94	N.A.	4.80
80-90	26.74	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	2581.72	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	112.31
10-20	312.47
20-30	445.94
30-40	491.24
40-50	455.54
50-60	365.10
60-70	247.45
70-80	124.94
80-90	26.74
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-L15-940-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-L15-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

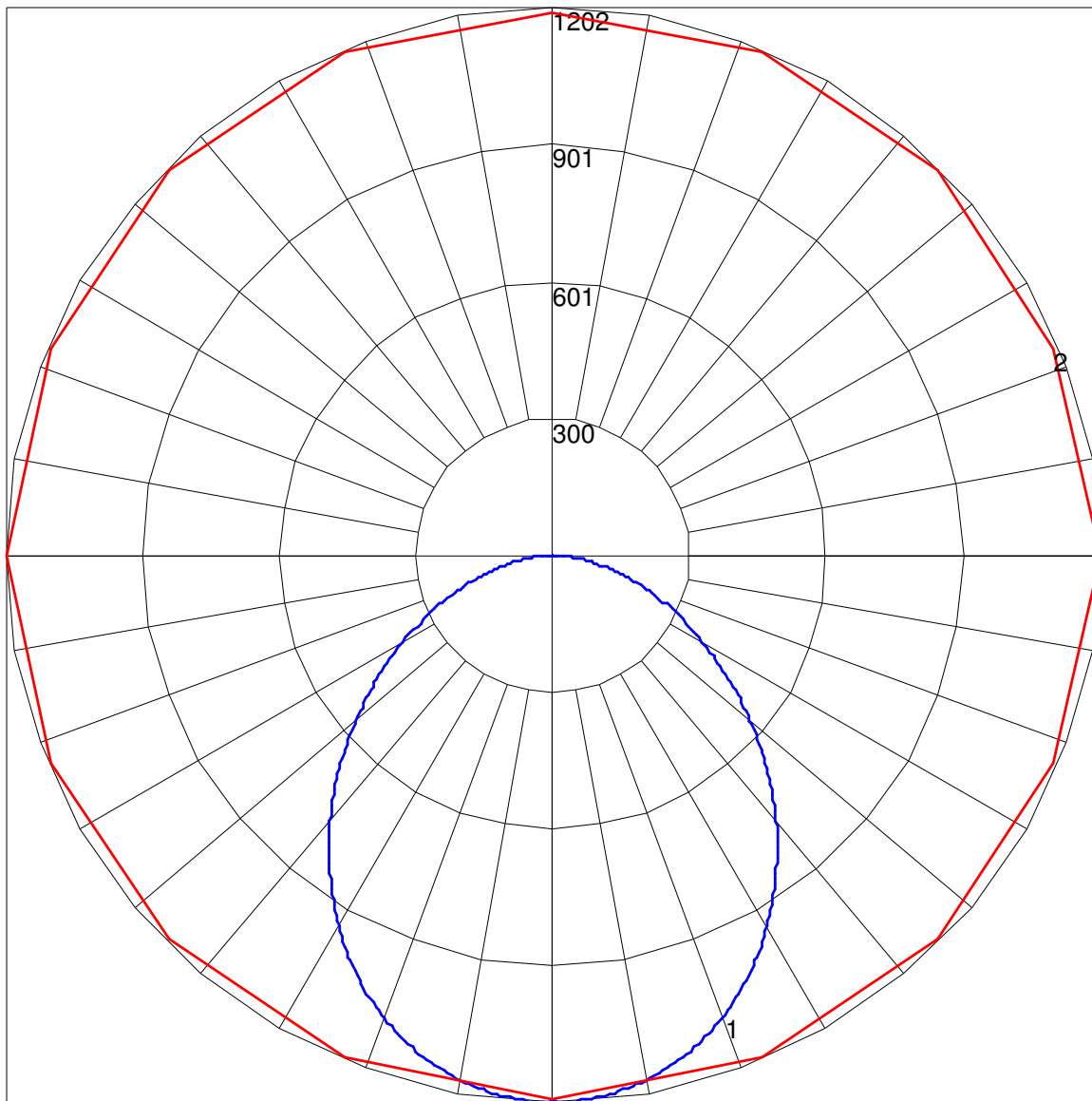
Reflectances

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	20.2	21.8	20.6	22.1	22.4	18.5	20.0	18.9	20.4	20.7
	3H	21.8	23.2	22.2	23.5	23.9	19.8	21.2	20.2	21.6	21.9
	4H	22.4	23.7	22.8	24.0	24.4	20.3	21.6	20.7	21.9	22.3
	6H	22.8	23.9	23.2	24.3	24.7	20.5	21.7	20.9	22.1	22.5
	8H	22.8	24.0	23.3	24.4	24.8	20.6	21.7	21.0	22.1	22.5
	12H	22.9	24.0	23.3	24.4	24.8	20.6	21.7	21.0	22.1	22.5
4H	2H	20.6	21.9	21.0	22.3	22.6	19.2	20.5	19.6	20.8	21.2
	3H	22.4	23.5	22.8	23.9	24.3	20.7	21.8	21.1	22.2	22.6
	4H	23.1	24.1	23.5	24.5	24.9	21.2	22.2	21.7	22.6	23.1
	6H	23.6	24.4	24.0	24.9	25.3	21.6	22.4	22.0	22.9	23.3
	8H	23.7	24.5	24.2	25.0	25.4	21.7	22.5	22.1	22.9	23.4
	12H	23.8	24.5	24.3	25.0	25.5	21.7	22.4	22.2	22.9	23.4
8H	4H	23.2	24.0	23.7	24.5	24.9	21.5	22.3	22.0	22.8	23.2
	6H	23.8	24.5	24.3	24.9	25.4	22.0	22.6	22.5	23.1	23.6
	8H	24.0	24.6	24.5	25.1	25.6	22.1	22.7	22.6	23.2	23.7
	12H	24.1	24.7	24.7	25.2	25.7	22.2	22.7	22.7	23.2	23.7
12H	4H	23.2	23.9	23.7	24.4	24.9	21.6	22.3	22.1	22.8	23.2
	6H	23.8	24.4	24.3	24.9	25.4	22.0	22.6	22.5	23.1	23.6
	8H	24.0	24.6	24.5	25.0	25.6	22.2	22.7	22.7	23.2	23.7

Maximum UGR = 25.7

POLAR GRAPH



Maximum Candela = 1201.706 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.)