

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L12-850-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-L12-850-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	2555
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	19.8
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	12463	11049	9781
55	10909	9429	8009
65	9282	7755	6443
75	7452	5824	4743
85	4826	2991	2289

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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	1183.298	1183.298	1183.298	1183.298	1183.298
0.5	1189.083	1180.727	1183.620	1182.656	1182.013
1.0	1188.762	1180.406	1183.298	1182.334	1181.691
1.5	1188.440	1179.763	1182.977	1181.691	1181.049
2.0	1187.798	1179.442	1182.013	1180.406	1180.727
2.5	1187.476	1178.799	1181.370	1179.763	1179.442
3.0	1186.512	1177.835	1180.406	1178.156	1177.835
3.5	1185.869	1176.871	1179.120	1176.871	1176.228
4.0	1184.262	1175.585	1177.835	1175.264	1174.300
4.5	1183.620	1174.300	1176.228	1173.336	1172.050
5.0	1182.013	1173.014	1174.300	1171.407	1170.122
5.5	1181.370	1171.086	1172.372	1168.836	1167.230
6.0	1178.478	1169.479	1170.122	1166.265	1164.659
6.5	1176.871	1167.872	1167.551	1163.373	1161.445
7.0	1174.943	1165.623	1165.301	1160.481	1158.553
7.5	1173.014	1163.373	1162.409	1157.267	1155.017
8.0	1170.765	1160.802	1159.838	1153.732	1151.161
8.5	1168.515	1158.553	1156.946	1149.875	1147.304
9.0	1165.944	1155.982	1153.411	1146.019	1143.448
9.5	1163.052	1152.768	1150.197	1141.841	1138.949
10.0	1160.802	1149.875	1146.340	1137.985	1134.771
10.5	1157.267	1146.662	1142.805	1133.807	1130.272
11.0	1154.053	1143.448	1138.627	1128.986	1125.772
11.5	1150.840	1139.913	1134.449	1124.166	1120.309
12.0	1147.304	1136.378	1130.272	1119.024	1115.167
12.5	1143.127	1132.200	1125.772	1113.882	1109.382
13.0	1139.591	1128.343	1120.952	1108.418	1103.919
13.5	1136.056	1124.166	1116.131	1102.955	1098.456
14.0	1131.557	1119.988	1111.311	1096.849	1092.028
14.5	1127.701	1115.167	1105.847	1091.064	1085.922
15.0	1123.201	1110.668	1100.384	1084.958	1079.495
15.5	1118.702	1105.847	1094.921	1078.530	1073.067
16.0	1113.882	1101.027	1089.136	1072.103	1065.997
16.5	1109.382	1096.206	1083.351	1065.354	1059.248
17.0	1104.240	1090.743	1077.245	1058.605	1051.856
17.5	1099.420	1085.279	1071.460	1051.535	1044.465
18.0	1093.956	1080.137	1065.033	1044.465	1037.073
18.5	1089.136	1074.353	1058.605	1037.073	1029.039
19.0	1083.351	1068.568	1051.856	1029.360	1021.005
19.5	1077.888	1062.783	1045.108	1021.969	1012.970
20.0	1072.103	1056.677	1038.037	1014.256	1004.936
20.5	1066.318	1050.571	1030.967	1006.221	996.580
21.0	1060.212	1044.465	1023.897	998.187	987.903
21.5	1054.427	1037.716	1016.505	989.831	979.547
22.0	1048.000	1031.288	1008.792	981.476	971.192
22.5	1041.572	1024.540	1001.079	973.120	962.193
23.0	1035.466	1018.112	993.688	964.121	953.195
23.5	1029.039	1011.042	985.653	955.444	944.196
24.0	1022.290	1003.972	977.619	946.767	934.876
24.5	1015.541	996.901	969.263	937.769	925.878
25.0	1008.471	989.831	961.229	928.770	916.558
25.5	1001.079	982.118	952.873	919.450	906.595
26.0	994.009	974.727	943.875	910.131	896.954
26.5	986.939	967.014	935.519	900.811	886.992

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CANDELA TABULATION - (Cont.)

27.0	979.226	959.301	926.521	891.170	877.350
27.5	971.192	951.266	917.844	881.528	867.709
28.0	963.800	943.553	908.845	871.566	857.425
28.5	956.087	935.519	900.168	861.925	847.463
29.0	948.374	927.485	891.170	851.962	837.821
29.5	939.376	919.129	881.850	841.999	827.538
30.0	930.698	910.452	872.530	832.037	817.575
30.5	922.664	902.096	863.531	822.396	807.291
31.0	914.308	893.741	854.212	812.433	797.007
31.5	906.274	885.063	844.892	802.149	786.723
32.0	897.276	876.386	835.250	792.186	776.760
32.5	888.920	867.388	825.931	781.902	766.155
33.0	880.243	858.711	815.968	771.940	756.193
33.5	871.566	849.712	806.970	761.656	745.266
34.0	863.210	840.714	797.007	751.693	735.303
34.5	854.533	832.037	787.366	741.731	725.341
35.0	845.856	822.717	777.403	731.447	715.057
35.5	836.857	813.397	767.762	721.806	704.451
36.0	828.502	804.399	758.121	711.522	694.810
36.5	819.503	795.079	748.158	701.559	684.526
37.0	810.183	785.759	738.838	691.596	674.885
37.5	801.185	776.439	729.197	681.312	664.601
38.0	792.186	766.798	719.235	671.350	654.317
38.5	782.867	757.799	709.593	661.387	644.354
39.0	773.225	748.158	699.952	651.425	634.392
39.5	764.227	738.838	689.990	641.462	624.429
40.0	754.907	729.197	680.348	632.142	614.788
40.5	744.944	719.877	670.386	622.180	604.504
41.0	735.625	710.236	660.745	612.217	593.899
41.5	726.305	700.916	651.103	602.254	583.936
42.0	716.342	691.275	641.462	591.971	573.652
42.5	706.058	681.312	631.821	582.329	563.690
43.0	696.417	671.671	622.180	571.724	553.727
43.5	687.097	662.351	612.538	561.761	544.407
44.0	676.813	652.710	602.897	552.442	534.766
44.5	667.172	643.069	592.292	542.800	525.125
45.0	657.209	633.749	582.651	533.480	515.805
45.5	647.247	623.787	572.688	524.161	506.164
46.0	637.606	614.467	563.368	514.841	496.844
46.5	627.964	604.825	554.048	505.842	487.845
47.0	618.002	595.184	544.729	496.523	478.526
47.5	608.039	584.900	535.730	487.524	469.527
48.0	598.398	574.938	526.732	478.526	460.207
48.5	588.435	565.618	517.412	469.527	451.209
49.0	577.830	555.977	508.413	460.529	442.532
49.5	568.510	546.978	499.736	451.530	433.855
50.0	558.869	537.658	490.738	442.853	425.178
50.5	549.871	528.339	481.739	434.176	416.500
51.0	540.229	519.340	472.741	425.178	407.823
51.5	530.910	510.020	464.064	416.822	399.468
52.0	521.911	500.700	455.065	408.145	391.112
52.5	512.591	491.702	446.388	399.789	383.078
53.0	503.271	482.703	437.711	391.433	375.043
53.5	493.952	473.705	429.355	383.078	366.687
54.0	484.953	464.707	420.357	375.043	358.653
54.5	475.633	456.029	412.001	366.687	350.619

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CANDELA TABULATION - (Cont.)

55.0	466.635	447.031	403.324	358.975	342.584
55.5	457.315	438.354	394.968	350.619	334.871
56.0	447.995	429.355	386.613	342.906	327.159
56.5	438.997	420.678	378.257	335.193	319.928
57.0	429.677	412.001	369.580	327.480	312.311
57.5	420.678	403.645	361.546	319.767	304.887
58.0	411.680	394.968	353.190	312.183	297.592
58.5	402.681	386.291	344.834	304.694	290.297
59.0	393.683	377.936	336.800	297.335	283.066
59.5	384.684	369.580	328.765	289.976	276.028
60.0	376.007	361.224	320.667	282.584	269.022
60.5	367.330	352.868	312.825	275.385	262.016
61.0	358.653	344.834	304.823	268.251	255.139
61.5	350.297	336.478	297.046	261.052	248.358
62.0	341.620	328.123	289.204	254.175	241.802
62.5	333.265	320.185	281.620	247.265	235.117
63.0	324.909	312.247	274.068	240.388	228.561
63.5	316.714	304.309	266.515	233.446	221.941
64.0	308.744	296.435	259.156	226.761	215.578
64.5	300.517	288.562	251.732	220.109	209.246
65.0	292.547	280.849	244.437	213.456	203.076
65.5	284.641	273.039	237.077	206.933	196.777
66.0	276.767	265.294	229.975	200.569	190.607
66.5	268.958	257.645	222.841	194.110	184.372
67.0	261.052	250.061	215.803	187.714	178.395
67.5	253.146	242.477	208.861	181.544	172.417
68.0	245.562	235.021	201.855	175.342	166.375
68.5	237.817	227.629	195.010	169.235	160.558
69.0	230.136	220.237	188.229	163.161	154.774
69.5	222.680	212.878	181.608	157.152	149.150
70.0	215.128	205.551	174.859	151.271	143.461
70.5	207.672	198.352	168.239	145.422	137.966
71.0	200.216	191.217	161.812	139.733	132.406
71.5	192.921	184.019	155.384	134.077	127.039
72.0	185.658	177.013	149.021	128.453	121.672
72.5	178.427	170.071	142.690	122.958	116.466
73.0	171.389	163.226	136.487	117.430	111.356
73.5	164.351	156.284	130.381	112.159	106.246
74.0	157.441	149.471	124.340	106.857	101.168
74.5	150.596	142.786	118.362	101.715	96.348
75.0	143.847	136.198	112.417	96.541	91.559
75.5	137.227	129.739	106.664	91.624	86.803
76.0	130.767	123.343	101.040	86.707	82.207
76.5	124.275	116.948	95.416	81.982	77.708
77.0	118.137	110.713	90.017	77.258	73.241
77.5	111.902	104.575	84.650	72.695	68.870
78.0	105.700	98.533	79.347	68.228	64.725
78.5	99.562	92.556	74.269	63.889	60.515
79.0	93.713	86.803	69.288	59.615	56.465
79.5	87.960	80.954	64.435	55.341	52.512
80.0	82.240	75.362	59.615	51.323	48.688
80.5	76.551	69.802	54.923	47.338	44.896
81.0	71.056	64.403	50.424	43.546	41.297
81.5	65.625	59.165	46.021	39.786	37.729
82.0	60.386	53.862	41.843	36.122	34.194
82.5	55.276	48.849	37.729	32.555	30.820

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CANDELA TABULATION - (Cont.)

83.0	50.231	43.900	33.744	29.084	27.381
83.5	45.249	39.175	29.984	25.678	24.103
84.0	40.493	34.548	26.321	22.335	20.921
84.5	35.801	30.177	22.818	19.154	17.868
85.0	31.366	25.967	19.443	16.165	14.880
85.5	27.060	21.918	16.229	13.112	11.666
86.0	23.010	18.061	13.337	9.963	8.131
86.5	18.993	14.590	10.541	6.299	5.013
87.0	15.297	11.312	7.520	3.985	3.567
87.5	11.859	8.420	4.339	3.053	2.796
88.0	8.677	5.753	2.732	2.346	2.185
88.5	5.978	3.214	2.025	1.703	1.510
89.0	3.760	1.607	1.350	1.093	0.964
89.5	1.864	0.868	0.739	0.546	0.482
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-L12-850-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-L12-850-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-L12-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	420.32	N.A.	16.50
0-30	861.58	N.A.	33.70
0-40	1347.65	N.A.	52.80
0-60	2159.67	N.A.	84.50
0-80	2528.15	N.A.	99.00
0-90	2554.6	N.A.	100.00
10-90	2443.47	N.A.	95.60
20-40	927.33	N.A.	36.30
20-50	1378.09	N.A.	53.90
40-70	1056.87	N.A.	41.40
60-80	368.48	N.A.	14.40
70-80	123.63	N.A.	4.80
80-90	26.46	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	2554.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	111.13
10-20	309.19
20-30	441.26
30-40	486.08
40-50	450.75
50-60	361.26
60-70	244.85
70-80	123.63
80-90	26.46
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-L12-850-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-L12-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

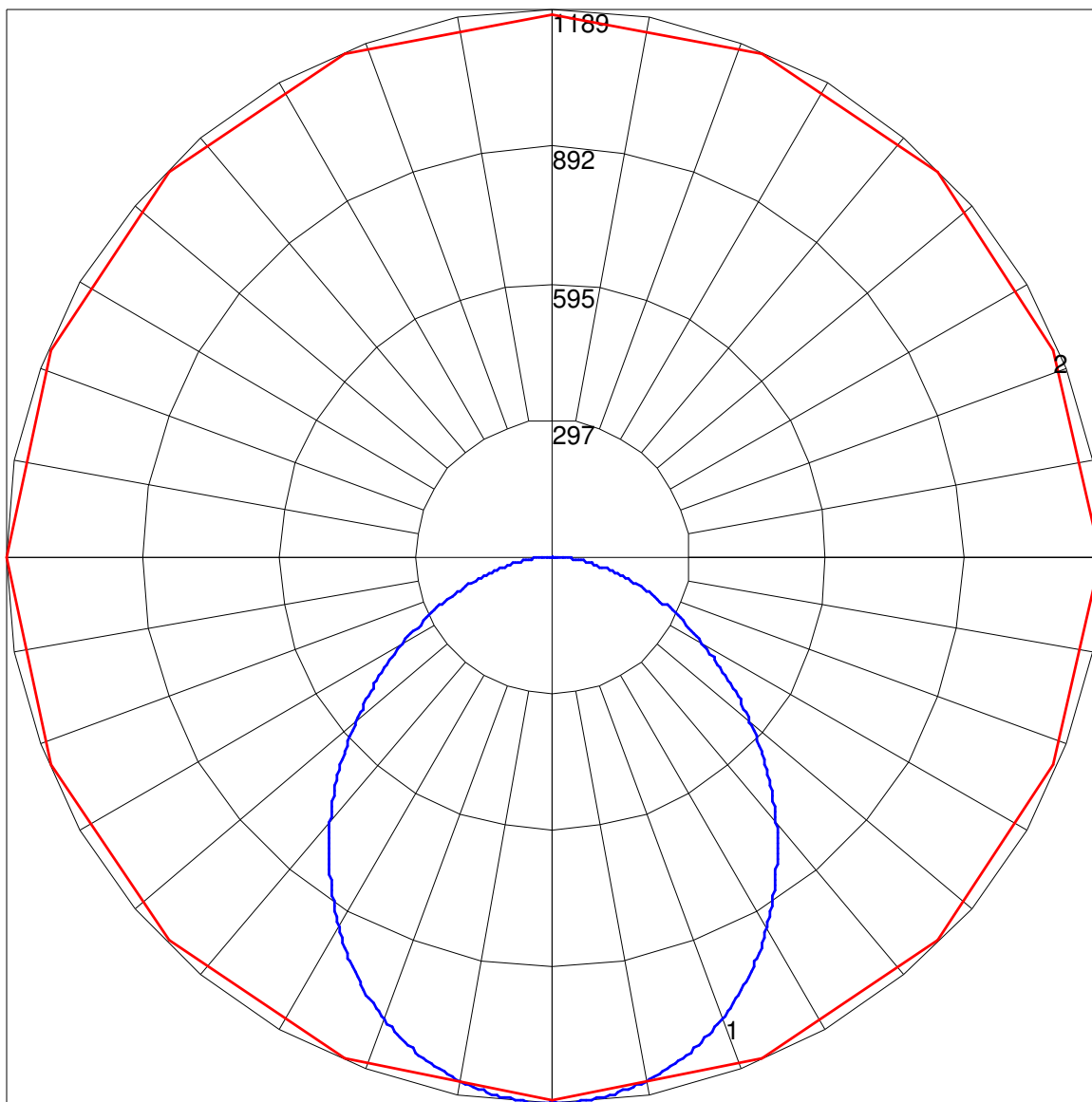
Reflectances

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	24.4	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 = 1189.083 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.)