

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L12-927-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-L12-927-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	3856
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	39.6
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)	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	9406	8339	7382
55	8233	7116	6044
65	7005	5853	4863
75	5624	4395	3580
85	3642	2258	1728

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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	1786.111	1786.111	1786.111	1786.111	1786.111
0.5	1794.842	1782.230	1786.596	1785.140	1784.170
1.0	1794.357	1781.745	1786.111	1784.655	1783.685
1.5	1793.872	1780.775	1785.625	1783.685	1782.715
2.0	1792.902	1780.289	1784.170	1781.745	1782.230
2.5	1792.417	1779.319	1783.200	1780.775	1780.289
3.0	1790.961	1777.864	1781.745	1778.349	1777.864
3.5	1789.991	1776.409	1779.804	1776.409	1775.439
4.0	1787.566	1774.468	1777.864	1773.983	1772.528
4.5	1786.596	1772.528	1775.439	1771.073	1769.132
5.0	1784.170	1770.588	1772.528	1768.162	1766.222
5.5	1783.200	1767.677	1769.617	1764.281	1761.856
6.0	1778.834	1765.252	1766.222	1760.401	1757.975
6.5	1776.409	1762.826	1762.341	1756.035	1753.124
7.0	1773.498	1759.430	1758.945	1751.669	1748.758
7.5	1770.588	1756.035	1754.580	1746.818	1743.422
8.0	1767.192	1752.154	1750.699	1741.482	1737.601
8.5	1763.796	1748.758	1746.333	1735.661	1731.780
9.0	1759.916	1744.878	1740.997	1729.840	1725.959
9.5	1755.550	1740.027	1736.146	1723.534	1719.168
10.0	1752.154	1735.661	1730.325	1717.713	1712.862
10.5	1746.818	1730.810	1724.989	1711.406	1706.070
11.0	1741.967	1725.959	1718.683	1704.130	1699.279
11.5	1737.116	1720.623	1712.376	1696.854	1691.032
12.0	1731.780	1715.287	1706.070	1689.092	1683.271
12.5	1725.474	1708.981	1699.279	1681.331	1674.539
13.0	1720.138	1703.160	1692.003	1673.084	1666.293
13.5	1714.802	1696.854	1684.726	1664.837	1658.046
14.0	1708.011	1690.547	1677.450	1655.621	1648.344
14.5	1702.190	1683.271	1669.203	1646.889	1639.128
15.0	1695.398	1676.480	1660.957	1637.672	1629.426
15.5	1688.607	1669.203	1652.710	1627.970	1619.724
16.0	1681.331	1661.927	1643.978	1618.269	1609.052
16.5	1674.539	1654.650	1635.247	1608.082	1598.865
17.0	1666.778	1646.404	1626.030	1597.895	1587.708
17.5	1659.501	1638.157	1617.298	1587.223	1576.551
18.0	1651.255	1630.396	1607.597	1576.551	1565.393
18.5	1643.978	1621.664	1597.895	1565.393	1553.266
19.0	1635.247	1612.933	1587.708	1553.751	1541.139
19.5	1627.000	1604.201	1577.521	1542.594	1529.012
20.0	1618.269	1594.984	1566.849	1530.952	1516.884
20.5	1609.537	1585.767	1556.177	1518.825	1504.272
21.0	1600.320	1576.551	1545.505	1506.697	1491.174
21.5	1591.588	1566.364	1534.348	1494.085	1478.562
22.0	1581.887	1556.662	1522.705	1481.472	1465.950
22.5	1572.185	1546.475	1511.063	1468.860	1452.367
23.0	1562.968	1536.773	1499.906	1455.277	1438.784
23.5	1553.266	1526.101	1487.779	1442.180	1425.202
24.0	1543.079	1515.429	1475.651	1429.082	1411.134
24.5	1532.892	1504.757	1463.039	1415.500	1397.551
25.0	1522.220	1494.085	1450.912	1401.917	1383.484
25.5	1511.063	1482.443	1438.299	1387.850	1368.446
26.0	1500.391	1471.286	1424.717	1373.782	1353.893
26.5	1489.719	1459.643	1412.104	1359.714	1338.855

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PHOTOMETRIC FILENAME : LRX4X-4-L12-927-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1478.077	1448.001	1398.522	1345.161	1324.303
27.5	1465.950	1435.874	1385.424	1330.609	1309.750
28.0	1454.792	1424.232	1371.842	1315.571	1294.227
28.5	1443.150	1412.104	1358.744	1301.018	1279.189
29.0	1431.508	1399.977	1345.161	1285.980	1264.636
29.5	1417.925	1387.365	1331.094	1270.942	1249.113
30.0	1404.828	1374.267	1317.026	1255.904	1234.075
30.5	1392.701	1361.655	1303.444	1241.352	1218.552
31.0	1380.088	1349.042	1289.376	1226.314	1203.029
31.5	1367.961	1335.945	1275.308	1210.791	1187.506
32.0	1354.378	1322.847	1260.755	1195.753	1172.469
32.5	1341.766	1309.265	1246.688	1180.230	1156.460
33.0	1328.668	1296.167	1231.650	1165.192	1141.423
33.5	1315.571	1282.585	1218.067	1149.669	1124.929
34.0	1302.958	1269.002	1203.029	1134.631	1109.892
34.5	1289.861	1255.904	1188.477	1119.593	1094.854
35.0	1276.763	1241.837	1173.439	1104.071	1079.331
35.5	1263.181	1227.769	1158.886	1089.518	1063.323
36.0	1250.568	1214.187	1144.333	1073.995	1048.770
36.5	1236.986	1200.119	1129.295	1058.957	1033.247
37.0	1222.918	1186.051	1115.228	1043.919	1018.694
37.5	1209.336	1171.983	1100.675	1028.396	1003.171
38.0	1195.753	1157.431	1085.637	1013.358	987.648
38.5	1181.685	1143.848	1071.084	998.320	972.610
39.0	1167.133	1129.295	1056.531	983.282	957.573
39.5	1153.550	1115.228	1041.494	968.245	942.535
40.0	1139.482	1100.675	1026.941	954.177	927.982
40.5	1124.444	1086.607	1011.903	939.139	912.459
41.0	1110.377	1072.054	997.350	924.101	896.451
41.5	1096.309	1057.987	982.797	909.063	881.413
42.0	1081.271	1043.434	968.245	893.540	865.890
42.5	1065.748	1028.396	953.692	878.988	850.852
43.0	1051.195	1013.843	939.139	862.980	835.814
43.5	1037.128	999.776	924.586	847.942	821.747
44.0	1021.605	985.223	910.034	833.874	807.194
44.5	1007.052	970.670	894.025	819.321	792.641
45.0	992.014	956.602	879.473	805.254	778.573
45.5	976.976	941.565	864.435	791.186	764.021
46.0	962.424	927.497	850.367	777.118	749.953
46.5	947.871	912.944	836.299	763.536	736.370
47.0	932.833	898.391	822.232	749.468	722.303
47.5	917.795	882.868	808.649	735.885	708.720
48.0	903.242	867.830	795.067	722.303	694.652
48.5	888.204	853.763	780.999	708.720	681.070
49.0	872.196	839.210	767.416	695.138	667.972
49.5	858.129	825.627	754.319	681.555	654.875
50.0	843.576	811.560	740.736	668.457	641.777
50.5	829.993	797.492	727.154	655.360	628.680
51.0	815.440	783.909	713.571	641.777	615.582
51.5	801.373	769.842	700.474	629.165	602.970
52.0	787.790	755.774	686.891	616.067	590.358
52.5	773.723	742.192	673.793	603.455	578.230
53.0	759.655	728.609	660.696	590.843	566.103
53.5	745.587	715.026	648.084	578.230	553.491
54.0	732.005	701.444	634.501	566.103	541.363
54.5	717.937	688.346	621.889	553.491	529.236

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55.0	704.354	674.764	608.791	541.848	517.109
55.5	690.287	661.666	596.179	529.236	505.466
56.0	676.219	648.084	583.566	517.594	493.824
56.5	662.636	634.986	570.954	505.951	482.910
57.0	648.569	621.889	557.856	494.309	471.413
57.5	634.986	609.276	545.729	482.667	460.207
58.0	621.403	596.179	533.117	471.219	449.196
58.5	607.821	583.081	520.504	459.916	438.184
59.0	594.238	570.469	508.377	448.808	427.269
59.5	580.656	557.856	496.250	437.699	416.646
60.0	567.558	545.244	484.025	426.542	406.071
60.5	554.461	532.632	472.189	415.676	395.496
61.0	541.363	520.504	460.110	404.907	385.115
61.5	528.751	507.892	448.371	394.041	374.879
62.0	515.653	495.279	436.535	383.660	364.984
62.5	503.041	483.298	425.087	373.230	354.894
63.0	490.429	471.316	413.687	362.849	344.998
63.5	478.059	459.334	402.287	352.371	335.005
64.0	466.028	447.449	391.179	342.281	325.400
64.5	453.610	435.565	379.973	332.240	315.844
65.0	441.580	423.922	368.961	322.198	306.530
65.5	429.646	412.135	357.853	312.351	297.022
66.0	417.762	400.444	347.132	302.746	287.708
66.5	405.974	388.899	336.363	292.996	278.298
67.0	394.041	377.450	325.740	283.343	269.275
67.5	382.107	366.002	315.262	274.029	260.252
68.0	370.659	354.748	304.687	264.666	251.132
68.5	358.968	343.591	294.354	255.450	242.352
69.0	347.375	332.434	284.119	246.281	233.621
69.5	336.121	321.325	274.126	237.210	225.131
70.0	324.721	310.265	263.939	228.333	216.545
70.5	313.467	299.399	253.946	219.504	208.250
71.0	302.213	288.630	244.244	210.918	199.858
71.5	291.201	277.764	234.542	202.381	191.757
72.0	280.238	267.189	224.937	193.891	183.656
72.5	269.323	256.711	215.381	185.596	175.798
73.0	258.700	246.378	206.019	177.253	168.085
73.5	248.076	235.900	196.802	169.297	160.372
74.0	237.647	225.617	187.682	161.293	152.707
74.5	227.314	215.527	178.660	153.532	145.431
75.0	217.127	205.582	169.685	145.722	138.203
75.5	207.134	195.832	161.002	138.300	131.023
76.0	197.384	186.178	152.513	130.878	124.087
76.5	187.585	176.525	144.024	123.747	117.295
77.0	178.320	167.114	135.874	116.616	110.553
77.5	168.909	157.849	127.773	109.728	103.955
78.0	159.547	148.729	119.769	102.985	97.698
78.5	150.282	139.707	112.105	96.436	91.343
79.0	141.453	131.023	104.586	89.985	85.231
79.5	132.770	122.195	97.261	83.533	79.264
80.0	124.135	113.754	89.985	77.469	73.492
80.5	115.549	105.362	82.902	71.454	67.767
81.0	107.254	97.213	76.111	65.730	62.334
81.5	99.056	89.306	69.465	60.054	56.950
82.0	91.149	81.302	63.159	54.524	51.614
82.5	83.436	73.734	56.950	49.140	46.520

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CANDELA TABULATION - (Cont.)

83.0	75.820	66.264	50.935	43.901	41.330
83.5	68.301	59.133	45.259	38.759	36.382
84.0	61.122	52.147	39.729	33.714	31.580
84.5	54.039	45.550	34.442	28.912	26.971
85.0	47.345	39.195	29.348	24.400	22.460
85.5	40.845	33.083	24.497	19.792	17.609
86.0	34.733	27.262	20.131	15.038	12.273
86.5	28.669	22.023	15.911	9.508	7.567
87.0	23.090	17.075	11.351	6.015	5.385
87.5	17.900	12.709	6.549	4.608	4.220
88.0	13.097	8.683	4.123	3.541	3.299
88.5	9.023	4.851	3.056	2.571	2.280
89.0	5.676	2.425	2.037	1.649	1.455
89.5	2.814	1.310	1.116	0.825	0.728
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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 PHOTOMETRIC FILENAME : LRX4X-4-L12-927-DMA-DIM-UNV_.IES

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-L12-927-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-L12-927-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-L12-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	634.44	N.A.	16.50
0-30	1300.49	N.A.	33.70
0-40	2034.19	N.A.	52.80
0-60	3259.88	N.A.	84.50
0-80	3816.07	N.A.	99.00
0-90	3856.00	N.A.	100.00
10-90	3688.26	N.A.	95.60
20-40	1399.75	N.A.	36.30
20-50	2080.13	N.A.	53.90
40-70	1595.27	N.A.	41.40
60-80	556.19	N.A.	14.40
70-80	186.61	N.A.	4.80
80-90	39.93	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	3856.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	167.74
10-20	466.70
20-30	666.05
30-40	733.70
40-50	680.38
50-60	545.30
60-70	369.58
70-80	186.61
80-90	39.93
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-L12-927-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-4-L12-927-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

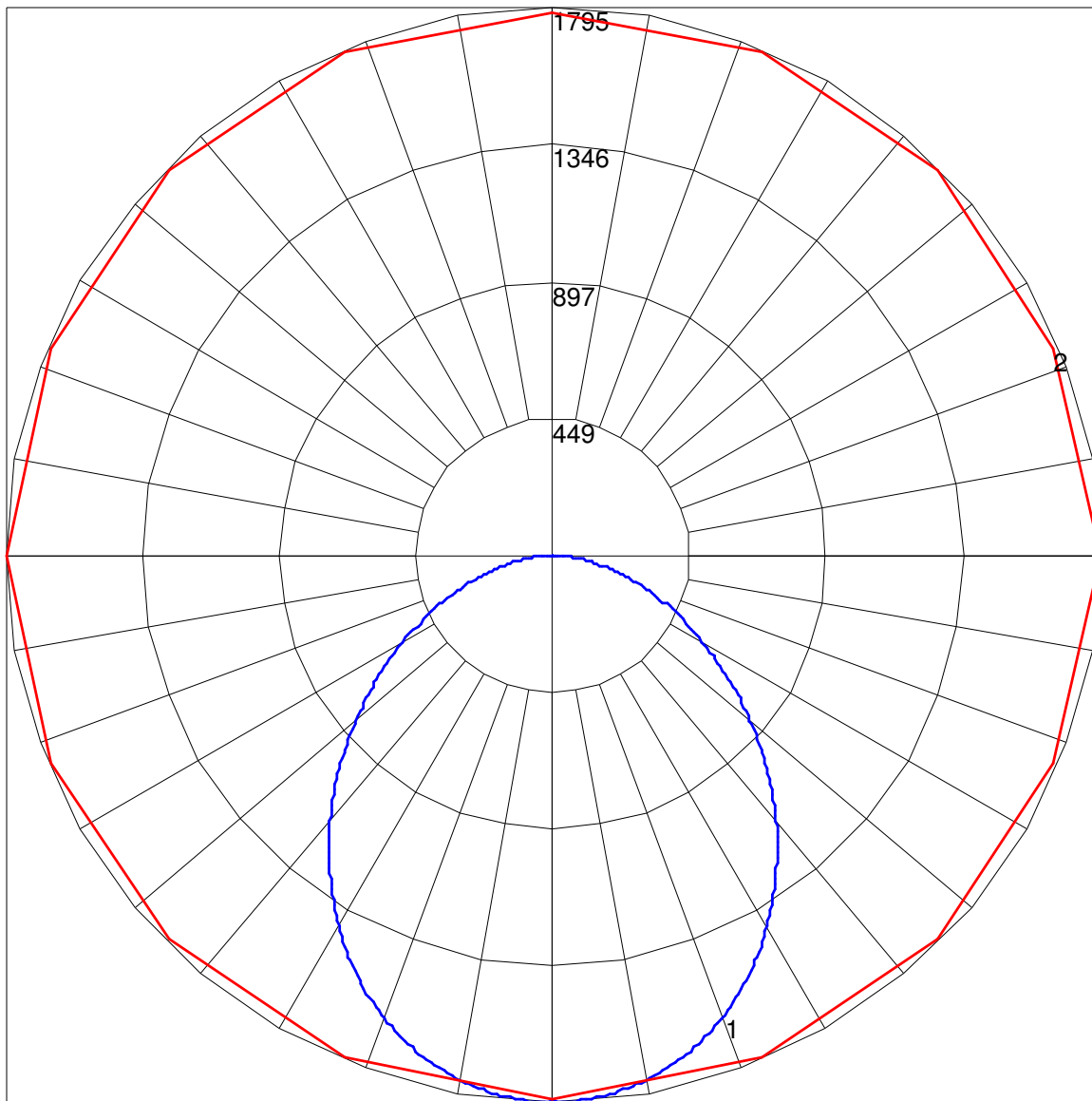
Reflectances

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	19.2	20.8	19.6	21.1	21.4	17.5	19.0	17.9	19.3	19.7
	3H	20.8	22.2	21.2	22.5	22.9	18.8	20.2	19.2	20.5	20.9
	4H	21.4	22.7	21.8	23.0	23.4	19.3	20.6	19.7	20.9	21.3
	6H	21.7	22.9	22.2	23.3	23.7	19.5	20.7	19.9	21.1	21.5
	8H	21.8	23.0	22.3	23.4	23.8	19.6	20.7	20.0	21.1	21.5
	12H	21.9	23.0	22.3	23.4	23.8	19.6	20.7	20.0	21.1	21.5
4H	2H	19.6	20.9	20.0	21.2	21.6	18.2	19.5	18.6	19.8	20.2
	3H	21.4	22.5	21.8	22.9	23.3	19.7	20.8	20.1	21.2	21.6
	4H	22.1	23.0	22.5	23.5	23.9	20.2	21.2	20.7	21.6	22.1
	6H	22.6	23.4	23.0	23.9	24.3	20.6	21.4	21.0	21.9	22.3
	8H	22.7	23.5	23.2	24.0	24.4	20.7	21.4	21.1	21.9	22.4
	12H	22.8	23.5	23.3	24.0	24.5	20.7	21.4	21.2	21.9	22.3
8H	4H	22.2	23.0	22.7	23.4	23.9	20.5	21.3	21.0	21.8	22.2
	6H	22.8	23.4	23.3	23.9	24.4	21.0	21.6	21.4	22.1	22.6
	8H	23.0	23.6	23.5	24.1	24.6	21.1	21.7	21.6	22.2	22.7
	12H	23.1	23.7	23.6	24.1	24.7	21.1	21.7	21.7	22.2	22.7
12H	4H	22.2	22.9	22.7	23.4	23.9	20.6	21.3	21.0	21.7	22.2
	6H	22.8	23.4	23.3	23.8	24.4	21.0	21.6	21.5	22.1	22.6
	8H	23.0	23.5	23.5	24.0	24.6	21.2	21.7	21.7	22.2	22.7

Maximum UGR = 24.7

POLAR GRAPH



Maximum Candela = 1794.842 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.)