

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-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-4-L15-940-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	5163
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	51.2
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	12595	11166	9885
55	11025	9529	8094
65	9380	7838	6512
75	7531	5886	4794
85	4877	3023	2313

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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	2391.720	2391.720	2391.720	2391.720	2391.720
0.5	2403.413	2386.524	2392.370	2390.421	2389.122
1.0	2402.763	2385.874	2391.720	2389.772	2388.473
1.5	2402.114	2384.575	2391.071	2388.473	2387.173
2.0	2400.814	2383.926	2389.122	2385.874	2386.524
2.5	2400.165	2382.626	2387.823	2384.575	2383.926
3.0	2398.216	2380.678	2385.874	2381.327	2380.678
3.5	2396.917	2378.729	2383.276	2378.729	2377.430
4.0	2393.669	2376.131	2380.678	2375.481	2373.532
4.5	2392.370	2373.532	2377.430	2371.584	2368.985
5.0	2389.122	2370.934	2373.532	2367.686	2365.088
5.5	2387.823	2367.037	2369.635	2362.490	2359.242
6.0	2381.977	2363.789	2365.088	2357.293	2354.045
6.5	2378.729	2360.541	2359.891	2351.447	2347.550
7.0	2374.832	2355.994	2355.344	2345.601	2341.703
7.5	2370.934	2351.447	2349.498	2339.105	2334.558
8.0	2366.387	2346.250	2344.302	2331.960	2326.763
8.5	2361.840	2341.703	2338.456	2324.165	2318.968
9.0	2356.644	2336.507	2331.310	2316.370	2311.174
9.5	2350.797	2330.011	2324.815	2307.926	2302.080
10.0	2346.250	2324.165	2317.020	2300.131	2293.635
10.5	2339.105	2317.669	2309.874	2291.686	2284.541
11.0	2332.609	2311.174	2301.430	2281.943	2275.447
11.5	2326.114	2304.028	2292.986	2272.199	2264.405
12.0	2318.968	2296.883	2284.541	2261.806	2254.011
12.5	2310.524	2288.439	2275.447	2251.413	2242.319
13.0	2303.379	2280.644	2265.704	2240.370	2231.276
13.5	2296.233	2272.199	2255.960	2229.328	2220.234
14.0	2287.139	2263.755	2246.217	2216.986	2207.242
14.5	2279.345	2254.011	2235.174	2205.294	2194.900
15.0	2270.251	2244.917	2224.131	2192.952	2181.909
15.5	2261.157	2235.174	2213.088	2179.960	2168.918
16.0	2251.413	2225.430	2201.396	2166.969	2154.627
16.5	2242.319	2215.687	2189.704	2153.328	2140.986
17.0	2231.926	2204.644	2177.362	2139.687	2126.046
17.5	2222.182	2193.601	2165.670	2125.396	2111.106
18.0	2211.140	2183.208	2152.678	2111.106	2096.166
18.5	2201.396	2171.516	2139.687	2096.166	2079.926
19.0	2189.704	2159.824	2126.046	2080.576	2063.687
19.5	2178.661	2148.131	2112.405	2065.636	2047.448
20.0	2166.969	2135.789	2098.114	2050.046	2031.209
20.5	2155.277	2123.448	2083.824	2033.807	2014.320
21.0	2142.935	2111.106	2069.533	2017.568	1996.781
21.5	2131.242	2097.465	2054.593	2000.679	1979.892
22.0	2118.251	2084.473	2039.003	1983.790	1963.004
22.5	2105.260	2070.832	2023.414	1966.901	1944.816
23.0	2092.918	2057.841	2008.474	1948.713	1926.628
23.5	2079.926	2043.550	1992.234	1931.175	1908.440
24.0	2066.285	2029.260	1975.995	1913.636	1889.602
24.5	2052.644	2014.969	1959.106	1895.448	1871.414
25.0	2038.354	2000.679	1942.867	1877.260	1852.576
25.5	2023.414	1985.089	1925.978	1858.423	1832.440
26.0	2009.123	1970.149	1907.790	1839.585	1812.953
26.5	1994.833	1954.559	1890.901	1820.748	1792.816

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CANDELA TABULATION - (Cont.)

27.0	1979.243	1938.969	1872.713	1801.260	1773.329
27.5	1963.004	1922.730	1855.175	1781.773	1753.842
28.0	1948.063	1907.140	1836.987	1761.637	1733.055
28.5	1932.474	1890.901	1819.448	1742.149	1712.919
29.0	1916.884	1874.662	1801.260	1722.013	1693.432
29.5	1898.696	1857.773	1782.423	1701.876	1672.645
30.0	1881.158	1840.235	1763.585	1681.739	1652.509
30.5	1864.918	1823.346	1745.397	1662.252	1631.722
31.0	1848.029	1806.457	1726.560	1642.115	1610.936
31.5	1831.790	1788.919	1707.722	1621.329	1590.150
32.0	1813.602	1771.380	1688.235	1601.193	1570.013
32.5	1796.713	1753.192	1669.397	1580.406	1548.577
33.0	1779.175	1735.654	1649.261	1560.270	1528.441
33.5	1761.637	1717.466	1631.073	1539.483	1506.355
34.0	1744.748	1699.278	1610.936	1519.347	1486.218
34.5	1727.209	1681.739	1591.449	1499.210	1466.082
35.0	1709.671	1662.902	1571.312	1478.424	1445.295
35.5	1691.483	1644.064	1551.825	1458.936	1423.860
36.0	1674.594	1625.876	1532.338	1438.150	1404.373
36.5	1656.406	1607.039	1512.201	1418.013	1383.586
37.0	1637.568	1588.201	1493.364	1397.877	1364.099
37.5	1619.381	1569.364	1473.877	1377.091	1343.313
38.0	1601.193	1549.876	1453.740	1356.954	1322.527
38.5	1582.355	1531.688	1434.253	1336.817	1302.390
39.0	1562.868	1512.201	1414.766	1316.680	1282.253
39.5	1544.680	1493.364	1394.629	1296.544	1262.116
40.0	1525.842	1473.877	1375.142	1277.706	1242.629
40.5	1505.706	1455.039	1355.005	1257.569	1221.843
41.0	1486.868	1435.552	1335.518	1237.433	1200.407
41.5	1468.030	1416.714	1316.031	1217.296	1180.271
42.0	1447.894	1397.227	1296.544	1196.510	1159.484
42.5	1427.107	1377.091	1277.057	1177.023	1139.348
43.0	1407.620	1357.603	1257.569	1155.587	1119.211
43.5	1388.783	1338.766	1238.082	1135.450	1100.373
44.0	1367.997	1319.279	1218.595	1116.613	1080.886
44.5	1348.509	1299.792	1197.159	1097.125	1061.399
45.0	1328.373	1280.954	1177.672	1078.288	1042.561
45.5	1308.236	1260.817	1157.536	1059.450	1023.074
46.0	1288.749	1241.980	1138.698	1040.613	1004.237
46.5	1269.262	1222.493	1119.860	1022.425	986.049
47.0	1249.125	1203.005	1101.023	1003.587	967.211
47.5	1228.988	1182.219	1082.835	985.399	949.023
48.0	1209.501	1162.083	1064.647	967.211	930.186
48.5	1189.365	1143.245	1045.809	949.023	911.998
49.0	1167.929	1123.758	1027.621	930.835	894.459
49.5	1149.091	1105.570	1010.083	912.647	876.921
50.0	1129.604	1086.732	991.895	895.109	859.382
50.5	1111.416	1067.895	973.707	877.570	841.844
51.0	1091.929	1049.707	955.519	859.382	824.306
51.5	1073.091	1030.869	937.981	842.494	807.417
52.0	1054.903	1012.032	919.793	824.955	790.528
52.5	1036.066	993.844	902.254	808.066	774.289
53.0	1017.228	975.656	884.716	791.177	758.049
53.5	998.391	957.468	867.827	774.289	741.161
54.0	980.203	939.280	849.639	758.049	724.921
54.5	961.365	921.741	832.750	741.161	708.682

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CANDELA TABULATION - (Cont.)

55.0	943.177	903.553	815.212	725.571	692.443
55.5	924.340	886.015	798.323	708.682	676.853
56.0	905.502	867.827	781.434	693.092	661.263
56.5	887.314	850.288	764.545	677.503	646.648
57.0	868.476	832.750	747.007	661.913	631.253
57.5	850.288	815.861	730.767	646.323	616.248
58.0	832.100	798.323	713.879	630.993	601.503
58.5	813.912	780.784	696.990	615.858	586.757
59.0	795.724	763.895	680.750	600.983	572.142
59.5	777.536	747.007	664.511	586.108	557.917
60.0	759.998	730.118	648.142	571.168	543.756
60.5	742.460	713.229	632.292	556.617	529.595
61.0	724.921	696.990	616.118	542.197	515.694
61.5	708.032	680.101	600.398	527.647	501.988
62.0	690.494	663.212	584.549	513.746	488.737
62.5	673.605	647.168	569.219	499.780	475.226
63.0	656.716	631.123	553.954	485.879	461.975
63.5	640.152	615.079	538.689	471.848	448.594
64.0	624.043	599.164	523.814	458.337	435.732
64.5	607.414	583.250	508.809	444.891	422.936
65.0	591.304	567.660	494.064	431.445	410.464
65.5	575.325	551.876	479.189	418.259	397.732
66.0	559.411	536.221	464.833	405.397	385.261
66.5	543.626	520.761	450.413	392.341	372.659
67.0	527.647	505.431	436.187	379.414	360.577
67.5	511.667	490.101	422.156	366.943	348.495
68.0	496.337	475.031	407.996	354.406	336.283
68.5	480.683	460.091	394.160	342.064	324.526
69.0	465.158	445.151	380.454	329.787	312.833
69.5	450.088	430.276	367.073	317.640	301.466
70.0	434.823	415.466	353.432	305.753	289.968
70.5	419.753	400.915	340.050	293.931	278.861
71.0	404.683	386.495	327.059	282.433	267.623
71.5	389.937	371.944	314.068	271.001	256.775
72.0	375.257	357.784	301.206	259.634	245.928
72.5	360.642	343.753	288.410	248.526	235.405
73.0	346.416	329.917	275.873	237.353	225.076
73.5	332.191	315.886	263.531	226.700	214.748
74.0	318.225	302.115	251.319	215.982	204.485
74.5	304.389	288.604	239.237	205.589	194.741
75.0	290.748	275.288	227.220	195.131	185.063
75.5	277.367	262.232	215.593	185.193	175.449
76.0	264.310	249.305	204.225	175.254	166.160
76.5	251.189	236.379	192.858	165.706	157.066
77.0	238.782	223.777	181.945	156.157	148.037
77.5	226.181	211.370	171.097	146.933	139.203
78.0	213.644	199.158	160.379	137.904	130.824
78.5	201.237	187.076	150.116	129.135	122.314
79.0	189.415	175.449	140.048	120.495	114.130
79.5	177.788	163.627	130.239	111.856	106.140
80.0	166.225	152.324	120.495	103.736	98.410
80.5	154.728	141.087	111.012	95.682	90.745
81.0	143.620	130.174	101.918	88.017	83.470
81.5	132.642	119.586	93.019	80.417	76.260
82.0	122.054	108.868	84.574	73.012	69.114
82.5	111.726	98.735	76.260	65.802	62.294

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CANDELA TABULATION - (Cont.)

83.0	101.528	88.731	68.205	58.786	55.343
83.5	91.460	79.183	60.605	51.901	48.718
84.0	81.846	69.829	53.200	45.145	42.287
84.5	72.362	60.995	46.120	38.714	36.116
85.0	63.398	52.485	39.299	32.673	30.075
85.5	54.694	44.301	32.803	26.502	23.579
86.0	46.509	36.506	26.957	20.137	16.434
86.5	38.390	29.491	21.306	12.732	10.133
87.0	30.920	22.865	15.200	8.055	7.210
87.5	23.969	17.019	8.769	6.171	5.651
88.0	17.538	11.627	5.521	4.742	4.417
88.5	12.082	6.496	4.092	3.443	3.053
89.0	7.600	3.248	2.728	2.209	1.949
89.5	3.768	1.754	1.494	1.104	0.974
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-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-4-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-4-L15-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	849.56	N.A.	16.50
0-30	1741.45	N.A.	33.70
0-40	2723.92	N.A.	52.80
0-60	4365.19	N.A.	84.50
0-80	5109.97	N.A.	99.00
0-90	5163.44	N.A.	100.00
10-90	4938.83	N.A.	95.60
20-40	1874.36	N.A.	36.30
20-50	2785.44	N.A.	53.90
40-70	2136.17	N.A.	41.40
60-80	744.78	N.A.	14.40
70-80	249.88	N.A.	4.80
80-90	53.48	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	5163.44	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	224.62
10-20	624.94
20-30	891.89
30-40	982.47
40-50	911.08
50-60	730.20
60-70	494.90
70-80	249.88
80-90	53.48
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-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	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-L15-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

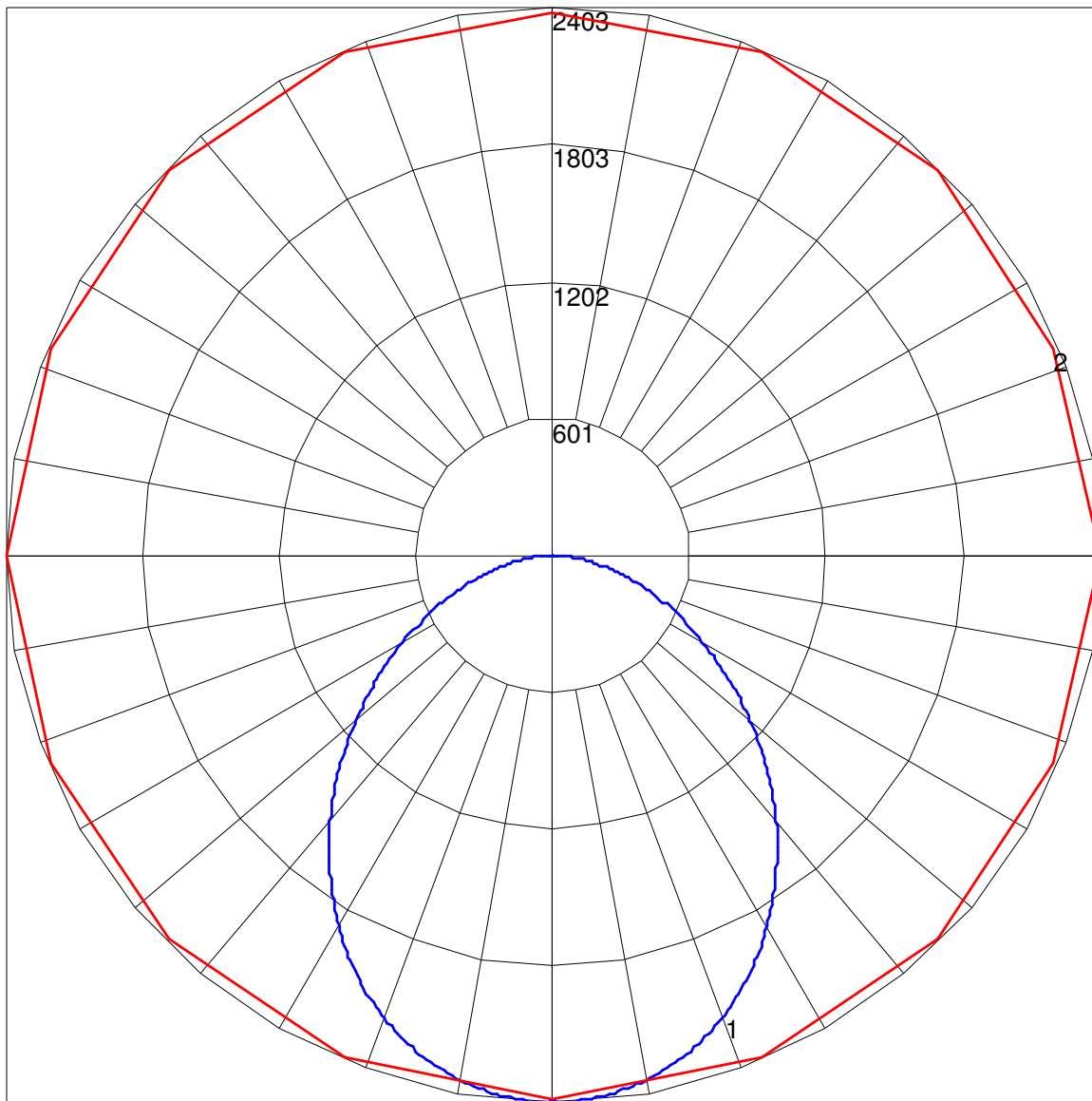
Reflectances

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	20.3	20.7
	3H	21.8	23.2	22.2	23.5	23.9	19.8	21.2	20.2	21.5	21.9
	4H	22.4	23.7	22.8	24.0	24.4	20.3	21.6	20.7	21.9	22.3
	6H	22.7	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	22.2	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	24.0	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	22.4	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	23.3
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	24.4	24.3	24.9	25.4	22.0	22.6	22.4	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	24.6	25.1	25.7	22.1	22.7	22.7	23.2	23.7
12H	4H	23.2	23.9	23.7	24.4	24.9	21.6	22.3	22.0	22.7	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	24.5	24.5	25.0	25.6	22.2	22.7	22.7	23.2	23.7

Maximum UGR = 25.7

POLAR GRAPH



Maximum Candela = 2403.413 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.)