

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L12-840-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-L12-840-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	4965
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
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	12110	10736	9504
55	10600	9162	7782
65	9019	7536	6261
75	7241	5659	4609
85	4689	2907	2224

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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	2299.617	2299.617	2299.617	2299.617	2299.617
0.5	2310.859	2294.621	2300.242	2298.368	2297.119
1.0	2310.234	2293.996	2299.617	2297.743	2296.494
1.5	2309.610	2292.747	2298.992	2296.494	2295.245
2.0	2308.361	2292.122	2297.119	2293.996	2294.621
2.5	2307.736	2290.873	2295.870	2292.747	2292.122
3.0	2305.863	2289.000	2293.996	2289.624	2289.000
3.5	2304.613	2287.126	2291.498	2287.126	2285.877
4.0	2301.491	2284.628	2289.000	2284.003	2282.129
4.5	2300.242	2282.129	2285.877	2280.256	2277.757
5.0	2297.119	2279.631	2282.129	2276.508	2274.010
5.5	2295.870	2275.884	2278.382	2271.512	2268.389
6.0	2290.249	2272.761	2274.010	2266.515	2263.393
6.5	2287.126	2269.638	2269.014	2260.894	2257.147
7.0	2283.378	2265.266	2264.642	2255.273	2251.526
7.5	2279.631	2260.894	2259.021	2249.028	2244.656
8.0	2275.259	2255.898	2254.024	2242.158	2237.161
8.5	2270.887	2251.526	2248.403	2234.663	2229.667
9.0	2265.891	2246.530	2241.533	2227.168	2222.172
9.5	2260.270	2240.284	2235.288	2219.049	2213.428
10.0	2255.898	2234.663	2227.793	2211.555	2205.309
10.5	2249.028	2228.418	2220.923	2203.435	2196.565
11.0	2242.782	2222.172	2212.804	2194.067	2187.821
11.5	2236.537	2215.302	2204.684	2184.699	2177.204
12.0	2229.667	2208.432	2196.565	2174.706	2167.211
12.5	2221.547	2200.312	2187.821	2164.713	2155.969
13.0	2214.677	2192.818	2178.453	2154.095	2145.352
13.5	2207.807	2184.699	2169.085	2143.478	2134.734
14.0	2199.063	2176.579	2159.716	2131.611	2122.243
14.5	2191.569	2167.211	2149.099	2120.369	2110.376
15.0	2182.825	2158.467	2138.481	2108.503	2097.885
15.5	2174.081	2149.099	2127.864	2096.012	2085.394
16.0	2164.713	2139.731	2116.622	2083.520	2071.654
16.5	2155.969	2130.362	2105.380	2070.405	2058.538
17.0	2145.976	2119.745	2093.513	2057.289	2044.173
17.5	2136.608	2109.127	2082.271	2043.549	2029.809
18.0	2125.990	2099.134	2069.780	2029.809	2015.444
18.5	2116.622	2087.892	2057.289	2015.444	1999.830
19.0	2105.380	2076.650	2044.173	2000.454	1984.216
19.5	2094.762	2065.408	2031.058	1986.090	1968.602
20.0	2083.520	2053.542	2017.317	1971.100	1952.988
20.5	2072.278	2041.675	2003.577	1955.486	1936.750
21.0	2060.412	2029.809	1989.837	1939.872	1919.887
21.5	2049.170	2016.693	1975.472	1923.634	1903.648
22.0	2036.679	2004.202	1960.483	1907.395	1887.410
22.5	2024.188	1991.086	1945.493	1891.157	1869.922
23.0	2012.321	1978.595	1931.129	1873.669	1852.435
23.5	1999.830	1964.855	1915.515	1856.806	1834.947
24.0	1986.714	1951.114	1899.901	1839.943	1816.835
24.5	1973.598	1937.374	1883.662	1822.456	1799.347
25.0	1959.858	1923.634	1868.048	1804.968	1781.235
25.5	1945.493	1908.645	1851.810	1786.856	1761.874
26.0	1931.753	1894.280	1834.322	1768.744	1743.137
26.5	1918.013	1879.290	1818.084	1750.632	1723.776

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PHOTOMETRIC FILENAME : LRX4X-4-L12-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1903.024	1864.301	1800.596	1731.895	1705.039
27.5	1887.410	1848.687	1783.733	1713.158	1686.303
28.0	1873.045	1833.698	1766.246	1693.797	1666.317
28.5	1858.056	1818.084	1749.383	1675.060	1646.955
29.0	1843.066	1802.470	1731.895	1655.699	1628.219
29.5	1825.579	1786.232	1713.783	1636.338	1608.233
30.0	1808.716	1769.369	1695.671	1616.977	1588.872
30.5	1793.102	1753.130	1678.183	1598.240	1568.886
31.0	1776.863	1736.892	1660.071	1578.879	1548.900
31.5	1761.249	1720.029	1641.959	1558.893	1528.914
32.0	1743.762	1703.166	1623.222	1539.532	1509.553
32.5	1727.523	1685.678	1605.110	1519.546	1488.943
33.0	1710.660	1668.815	1585.749	1500.185	1469.581
33.5	1693.797	1651.327	1568.261	1480.199	1448.346
34.0	1677.559	1633.840	1548.900	1460.838	1428.985
34.5	1660.696	1616.977	1530.163	1441.476	1409.624
35.0	1643.833	1598.865	1510.802	1421.491	1389.638
35.5	1626.345	1580.752	1492.065	1402.754	1369.028
36.0	1610.107	1563.265	1473.329	1382.768	1350.291
36.5	1592.619	1545.153	1453.967	1363.407	1330.305
37.0	1574.507	1527.041	1435.855	1344.046	1311.569
37.5	1557.019	1508.928	1417.119	1324.060	1291.583
38.0	1539.532	1490.192	1397.757	1304.698	1271.597
38.5	1521.420	1472.704	1379.021	1285.337	1252.236
39.0	1502.683	1453.967	1360.284	1265.976	1232.874
39.5	1485.195	1435.855	1340.923	1246.615	1213.513
40.0	1467.083	1417.119	1322.186	1228.503	1194.777
40.5	1447.722	1399.007	1302.825	1209.141	1174.791
41.0	1429.610	1380.270	1284.088	1189.780	1154.180
41.5	1411.498	1362.158	1265.351	1170.419	1134.819
42.0	1392.136	1343.421	1246.615	1150.433	1114.833
42.5	1372.151	1324.060	1227.878	1131.696	1095.472
43.0	1353.414	1305.323	1209.141	1111.086	1076.111
43.5	1335.302	1287.211	1190.405	1091.725	1057.999
44.0	1315.316	1268.474	1171.668	1073.613	1039.262
44.5	1296.579	1249.738	1151.058	1054.876	1020.525
45.0	1277.218	1231.625	1132.321	1036.764	1002.413
45.5	1257.857	1212.264	1112.960	1018.652	983.676
46.0	1239.120	1194.152	1094.848	1000.539	965.564
46.5	1220.383	1175.415	1076.735	983.052	948.077
47.0	1201.022	1156.679	1058.623	964.940	929.965
47.5	1181.661	1136.693	1041.136	947.452	912.477
48.0	1162.924	1117.332	1023.648	929.965	894.365
48.5	1143.563	1099.219	1005.536	912.477	876.877
49.0	1122.953	1080.483	988.048	894.989	860.014
49.5	1104.840	1062.995	971.185	877.502	843.151
50.0	1086.104	1044.883	953.698	860.639	826.288
50.5	1068.616	1026.771	936.210	843.776	809.425
51.0	1049.879	1009.283	918.723	826.288	792.562
51.5	1031.767	991.171	901.860	810.050	776.324
52.0	1014.280	973.059	884.372	793.187	760.085
52.5	996.168	955.571	867.509	776.948	744.471
53.0	978.055	938.084	850.646	760.710	728.857
53.5	959.943	920.596	834.407	744.471	712.619
54.0	942.456	903.109	816.920	728.857	697.005
54.5	924.344	886.246	800.681	712.619	681.391

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L12-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	906.856	868.758	783.818	697.630	665.777
55.5	888.744	851.895	767.580	681.391	650.788
56.0	870.632	834.407	751.341	666.402	635.798
56.5	853.144	817.544	735.103	651.412	621.746
57.0	835.032	800.681	718.240	636.423	606.944
57.5	817.544	784.443	702.626	621.434	592.517
58.0	800.057	767.580	686.388	606.694	578.339
58.5	782.569	750.717	670.149	592.142	564.162
59.0	765.082	734.478	654.535	577.840	550.109
59.5	747.594	718.240	638.921	563.537	536.432
60.0	730.731	702.001	623.182	549.173	522.816
60.5	713.868	685.763	607.943	535.182	509.201
61.0	697.005	670.149	592.392	521.317	495.835
61.5	680.767	653.911	577.278	507.327	482.657
62.0	663.904	637.672	562.038	493.962	469.916
62.5	647.665	622.246	547.299	480.534	456.926
63.0	631.427	606.819	532.622	467.168	444.185
63.5	615.500	591.393	517.945	453.678	431.319
64.0	600.011	576.091	503.642	440.687	418.952
64.5	584.023	560.789	489.215	427.759	406.649
65.0	568.534	545.800	475.038	414.830	394.657
65.5	553.170	530.623	460.735	402.152	382.416
66.0	537.868	515.571	446.933	389.786	370.424
66.5	522.691	500.707	433.067	377.232	358.308
67.0	507.327	485.967	419.390	364.803	346.691
67.5	491.963	471.228	405.899	352.812	335.075
68.0	477.224	456.738	392.284	340.758	323.333
68.5	462.172	442.373	378.981	328.891	312.028
69.0	447.245	428.009	365.803	317.087	300.786
69.5	432.755	413.706	352.937	305.408	289.857
70.0	418.078	399.466	339.821	293.979	278.802
70.5	403.588	385.476	326.955	282.612	268.122
71.0	389.099	371.611	314.464	271.557	257.317
71.5	374.921	357.621	301.973	260.565	246.887
72.0	360.806	344.006	289.607	249.635	236.457
72.5	346.754	330.515	277.303	238.955	226.339
73.0	333.076	317.212	265.249	228.213	216.409
73.5	319.398	303.722	253.383	217.970	206.478
74.0	305.970	290.481	241.641	207.665	196.610
74.5	292.667	277.490	230.024	197.672	187.242
75.0	279.551	264.687	218.470	187.617	177.936
75.5	266.686	252.133	207.290	178.061	168.693
76.0	254.132	239.705	196.361	168.505	159.762
76.5	241.516	227.276	185.431	159.324	151.018
77.0	229.587	215.160	174.938	150.143	142.336
77.5	217.471	203.231	164.508	141.275	133.842
78.0	205.417	191.489	154.203	132.593	125.786
78.5	193.488	179.872	144.335	124.162	117.604
79.0	182.121	168.693	134.654	115.855	109.735
79.5	170.941	157.326	125.224	107.549	102.053
80.0	159.824	146.458	115.855	99.742	94.620
80.5	148.769	135.654	106.737	91.997	87.251
81.0	138.089	125.161	97.993	84.627	80.256
81.5	127.534	114.981	89.436	77.320	73.323
82.0	117.354	104.676	81.317	70.200	66.453
82.5	107.424	94.933	73.323	63.268	59.895

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PHOTOMETRIC FILENAME : LRX4X-4-L12-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	97.618	85.314	65.578	56.522	53.212
83.5	87.938	76.133	58.271	49.902	46.842
84.0	78.694	67.140	51.151	43.407	40.659
84.5	69.576	58.646	44.344	37.224	34.725
85.0	60.957	50.464	37.786	31.415	28.917
85.5	52.588	42.595	31.540	25.482	22.671
86.0	44.718	35.100	25.919	19.361	15.801
86.5	36.911	28.355	20.485	12.241	9.743
87.0	29.729	21.984	14.615	7.745	6.933
87.5	23.046	16.363	8.432	5.933	5.434
88.0	16.863	11.180	5.309	4.559	4.247
88.5	11.617	6.246	3.935	3.310	2.935
89.0	7.307	3.123	2.623	2.123	1.874
89.5	3.622	1.686	1.436	1.062	0.937
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L12-840-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-L12-840-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-L12-840-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-L12-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	816.84	N.A.	16.50
0-30	1674.38	N.A.	33.70
0-40	2619.02	N.A.	52.80
0-60	4197.09	N.A.	84.50
0-80	4913.19	N.A.	99.00
0-90	4964.6	N.A.	100.00
10-90	4748.63	N.A.	95.60
20-40	1802.18	N.A.	36.30
20-50	2678.17	N.A.	53.90
40-70	2053.91	N.A.	41.40
60-80	716.09	N.A.	14.40
70-80	240.25	N.A.	4.80
80-90	51.42	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	4964.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	215.97
10-20	600.88
20-30	857.54
30-40	944.64
40-50	875.99
50-60	702.08
60-70	475.84
70-80	240.25
80-90	51.42
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-L12-840-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-L12-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

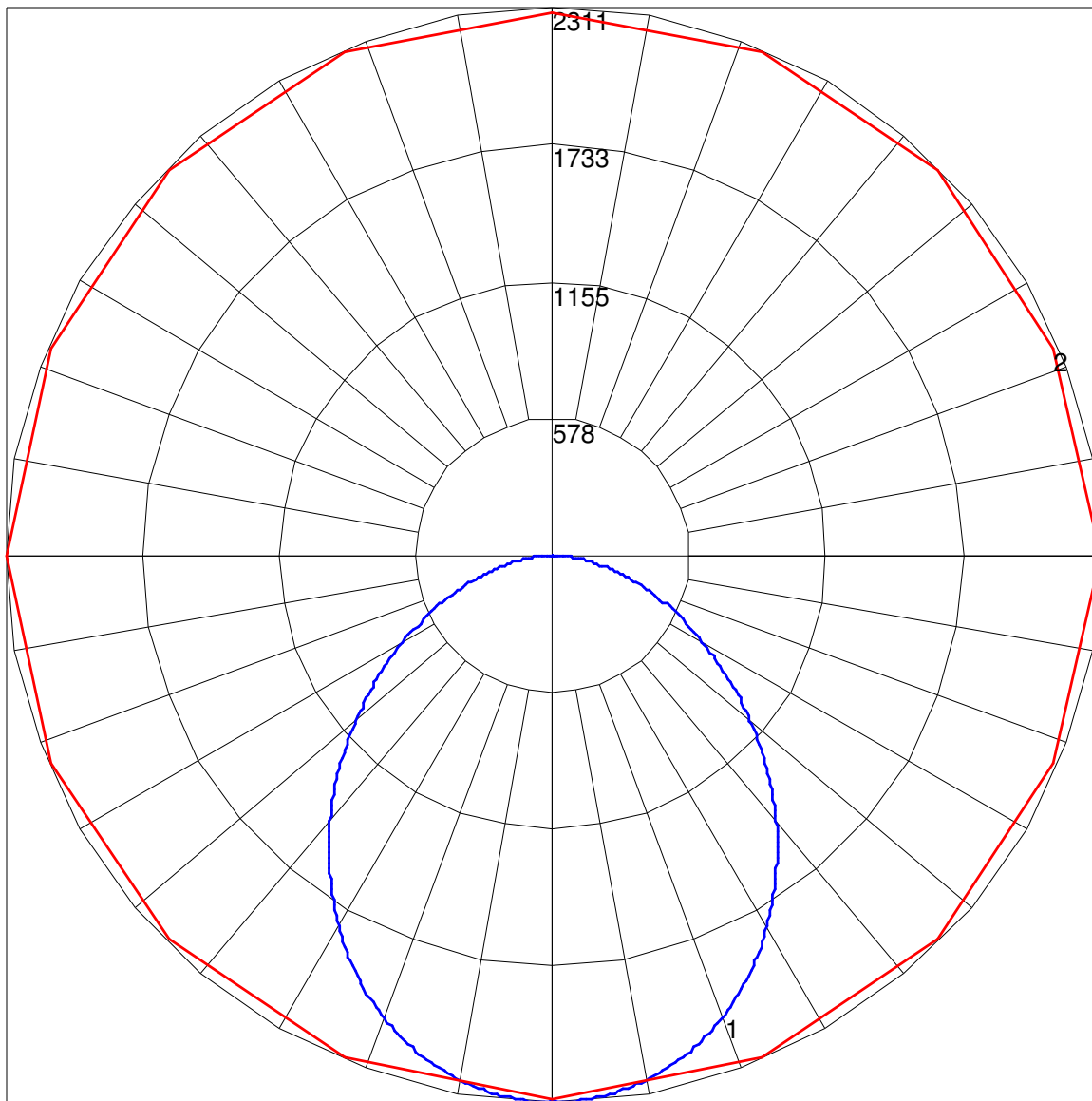
Reflectances

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	20.1	21.7	20.5	22.0	22.3	18.4	19.9	18.8	20.2	20.6
	3H	21.7	23.1	22.1	23.4	23.8	19.7	21.1	20.1	21.4	21.8
	4H	22.3	23.6	22.7	23.9	24.3	20.2	21.5	20.6	21.8	22.2
	6H	22.6	23.8	23.1	24.2	24.6	20.4	21.6	20.8	22.0	22.4
	8H	22.7	23.9	23.2	24.3	24.7	20.5	21.6	20.9	22.0	22.4
	12H	22.8	23.9	23.2	24.3	24.7	20.5	21.6	20.9	22.0	22.4
4H	2H	20.5	21.8	20.9	22.1	22.5	19.1	20.4	19.5	20.7	21.1
	3H	22.3	23.4	22.7	23.8	24.2	20.6	21.7	21.0	22.1	22.5
	4H	23.0	23.9	23.4	24.4	24.8	21.1	22.1	21.6	22.5	23.0
	6H	23.5	24.3	23.9	24.8	25.2	21.5	22.3	21.9	22.8	23.2
	8H	23.6	24.4	24.1	24.9	25.3	21.6	22.3	22.0	22.8	23.3
	12H	23.7	24.4	24.2	24.9	25.4	21.6	22.3	22.1	22.8	23.2
8H	4H	23.1	23.9	23.6	24.3	24.8	21.4	22.2	21.9	22.7	23.1
	6H	23.7	24.3	24.2	24.8	25.3	21.9	22.5	22.3	23.0	23.5
	8H	23.9	24.5	24.4	25.0	25.5	22.0	22.6	22.5	23.1	23.6
	12H	24.0	24.6	24.5	25.0	25.6	22.0	22.6	22.6	23.1	23.6
12H	4H	23.1	23.8	23.6	24.3	24.8	21.5	22.2	21.9	22.6	23.1
	6H	23.7	24.3	24.2	24.8	25.3	21.9	22.5	22.4	23.0	23.5
	8H	23.9	24.4	24.4	24.9	25.5	22.1	22.6	22.6	23.1	23.6

Maximum UGR = 25.6

POLAR GRAPH



Maximum Candela = 2310.859 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.)