

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L12-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L12-940-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 4' 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	4193
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	48.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	17910	15506	13526
55	15828	13275	10984
65	13577	10683	8623
75	10893	7617	5917
85	7171	2270	1229

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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	1994.410	1994.410	1994.410	1994.410	1994.410
0.5	1997.519	1991.302	1996.275	1995.032	1989.437
1.0	1996.275	1990.680	1996.275	1994.410	1988.815
1.5	1995.654	1989.437	1994.410	1992.545	1986.950
2.0	1995.032	1988.815	1993.789	1991.302	1985.085
2.5	1993.789	1987.572	1991.924	1988.815	1983.220
3.0	1992.545	1986.328	1990.058	1986.328	1980.111
3.5	1990.680	1984.463	1986.950	1982.598	1977.003
4.0	1988.815	1981.976	1984.463	1979.490	1972.651
4.5	1986.950	1979.490	1980.733	1975.138	1967.677
5.0	1985.707	1977.003	1977.624	1970.164	1963.325
5.5	1981.976	1973.894	1973.273	1965.812	1958.352
6.0	1979.490	1970.786	1968.921	1960.217	1952.756
6.5	1976.381	1967.056	1964.569	1954.000	1946.539
7.0	1972.651	1962.704	1959.595	1948.405	1939.079
7.5	1968.921	1958.973	1954.000	1940.944	1931.619
8.0	1965.190	1954.622	1948.405	1934.106	1923.537
8.5	1960.839	1949.648	1942.188	1926.645	1916.698
9.0	1955.865	1944.674	1935.971	1918.563	1908.616
9.5	1951.513	1940.323	1929.132	1910.481	1899.290
10.0	1946.539	1934.727	1922.293	1901.777	1889.965
10.5	1942.188	1929.132	1914.833	1892.452	1880.018
11.0	1936.592	1922.915	1906.751	1883.126	1868.827
11.5	1931.619	1917.320	1898.669	1873.179	1859.502
12.0	1927.889	1911.724	1889.965	1863.232	1848.933
12.5	1919.806	1905.507	1881.261	1852.041	1838.364
13.0	1912.346	1898.047	1872.557	1841.472	1826.552
13.5	1906.129	1889.343	1863.232	1830.903	1814.739
14.0	1898.669	1881.261	1853.285	1819.091	1802.927
14.5	1891.208	1872.557	1843.337	1807.279	1790.493
15.0	1883.748	1864.475	1834.012	1795.467	1777.437
15.5	1876.288	1856.393	1824.065	1782.411	1764.382
16.0	1868.205	1847.689	1814.118	1769.977	1751.948
16.5	1860.745	1838.364	1802.927	1757.543	1738.270
17.0	1851.420	1829.038	1790.493	1743.866	1723.971
17.5	1842.716	1819.713	1778.681	1730.810	1710.294
18.0	1834.634	1809.766	1766.868	1717.133	1695.373
18.5	1824.686	1799.819	1754.435	1702.833	1681.074
19.0	1815.361	1789.871	1742.001	1689.778	1666.775
19.5	1806.657	1779.302	1729.567	1674.857	1650.611
20.0	1796.088	1768.734	1717.133	1659.936	1635.690
20.5	1786.763	1758.786	1704.699	1645.637	1620.769
21.0	1776.816	1747.596	1691.021	1631.338	1605.227
21.5	1766.247	1736.405	1677.344	1616.417	1589.684
22.0	1755.678	1725.215	1664.288	1600.875	1574.142
22.5	1745.109	1713.402	1651.232	1585.332	1558.599
23.0	1733.918	1702.212	1636.933	1569.790	1542.435
23.5	1723.350	1690.400	1622.634	1554.869	1526.271
24.0	1710.916	1677.966	1608.335	1538.705	1510.729
24.5	1699.725	1665.532	1593.414	1523.162	1494.564
25.0	1687.913	1653.098	1579.737	1506.998	1478.400
25.5	1676.100	1640.664	1564.816	1490.834	1461.614
26.0	1664.288	1626.986	1549.896	1475.292	1445.450
26.5	1651.854	1614.552	1534.975	1459.127	1428.664

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CANDELA TABULATION - (Cont.)

27.0	1638.798	1600.875	1520.054	1442.963	1412.500
27.5	1625.743	1587.819	1504.512	1426.799	1395.714
28.0	1611.444	1574.142	1489.591	1410.635	1378.928
28.5	1597.145	1560.464	1474.670	1395.093	1362.142
29.0	1584.089	1546.787	1458.506	1378.307	1345.357
29.5	1571.033	1532.488	1442.963	1361.521	1327.949
30.0	1556.734	1518.189	1428.043	1345.357	1312.407
30.5	1543.679	1504.512	1412.500	1328.571	1295.621
31.0	1529.379	1490.212	1396.958	1311.785	1279.456
31.5	1516.324	1475.292	1380.793	1295.621	1263.292
32.0	1502.025	1460.371	1365.251	1278.835	1246.506
32.5	1487.726	1445.450	1349.087	1261.427	1229.721
33.0	1474.048	1430.529	1333.544	1245.263	1213.556
33.5	1459.749	1416.230	1318.002	1229.721	1197.392
34.0	1444.828	1400.688	1301.838	1212.935	1180.606
34.5	1430.529	1385.767	1286.295	1196.771	1165.064
35.0	1415.609	1370.846	1270.131	1180.606	1147.656
35.5	1401.931	1355.304	1253.967	1164.442	1130.870
36.0	1387.010	1340.383	1238.424	1147.656	1112.841
36.5	1372.090	1324.841	1222.260	1130.870	1097.299
37.0	1357.791	1309.298	1206.096	1113.463	1081.135
37.5	1342.248	1293.756	1191.175	1097.299	1065.592
38.0	1326.084	1278.835	1175.011	1081.756	1049.428
38.5	1311.163	1262.671	1158.847	1066.214	1033.885
39.0	1296.864	1247.128	1141.439	1050.050	1018.343
39.5	1280.700	1231.586	1124.653	1034.507	1002.800
40.0	1265.779	1216.043	1108.489	1019.586	987.258
40.5	1250.237	1200.501	1092.947	1003.422	971.715
41.0	1233.451	1184.958	1077.404	988.501	956.173
41.5	1217.908	1168.794	1061.240	972.959	941.252
42.0	1201.744	1152.630	1046.319	958.038	925.710
42.5	1185.580	1135.844	1030.155	942.496	910.789
43.0	1170.037	1118.436	1015.856	927.575	895.247
43.5	1153.252	1102.894	1000.314	912.654	879.704
44.0	1135.844	1087.352	984.771	897.733	864.162
44.5	1117.815	1071.187	969.850	882.813	848.619
45.0	1102.272	1055.645	954.308	867.892	832.455
45.5	1086.730	1040.102	939.387	852.971	816.912
46.0	1070.566	1024.560	923.845	837.429	801.992
46.5	1054.401	1009.017	908.924	822.508	786.449
47.0	1038.237	993.475	894.625	806.965	771.528
47.5	1022.695	977.932	879.704	792.044	756.608
48.0	1006.531	962.390	864.783	776.502	741.687
48.5	990.988	947.469	849.862	761.581	726.766
49.0	975.446	931.927	835.563	746.660	711.845
49.5	959.282	916.384	820.643	731.740	697.546
50.0	944.361	901.464	806.344	717.441	683.869
50.5	928.818	885.921	792.044	702.520	669.570
51.0	913.276	871.000	777.745	688.221	655.271
51.5	897.733	856.079	763.446	673.922	641.593
52.0	882.191	841.159	749.147	659.623	627.916
52.5	867.270	826.238	734.848	645.945	614.114
53.0	851.728	811.939	720.549	631.646	600.250
53.5	836.185	797.018	706.250	617.907	587.692
54.0	820.643	782.097	691.951	604.167	574.077
54.5	805.722	767.177	677.030	590.676	561.021

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CANDELA TABULATION - (Cont.)

55.0	790.179	752.877	662.731	576.937	548.338
55.5	775.259	738.578	648.432	563.694	535.656
56.0	759.716	724.279	633.511	550.390	522.849
56.5	744.795	709.359	619.461	537.459	509.980
57.0	729.253	695.681	605.348	524.403	497.670
57.5	714.954	681.382	591.236	511.658	485.236
58.0	700.033	667.083	577.185	498.976	473.237
58.5	684.491	652.784	563.446	486.417	461.052
59.0	670.191	638.485	549.582	474.045	448.991
59.5	655.271	624.807	535.842	461.674	437.303
60.0	640.972	610.757	522.351	449.675	425.864
60.5	626.051	597.080	509.109	437.490	414.238
61.0	611.627	583.340	495.867	425.429	402.923
61.5	597.204	569.663	482.625	413.616	391.919
62.0	582.843	555.985	469.445	402.301	380.791
62.5	568.792	542.619	456.389	390.800	369.724
63.0	554.742	529.315	443.520	379.361	359.031
63.5	541.002	516.134	430.651	368.108	348.587
64.0	526.828	502.892	418.030	357.042	337.831
64.5	513.026	489.837	405.472	346.038	327.449
65.0	499.411	476.719	392.976	335.220	317.191
65.5	485.733	463.725	380.604	324.403	306.933
66.0	472.305	451.043	368.357	313.896	296.799
66.5	459.000	438.236	356.358	303.265	286.914
67.0	445.509	425.429	344.235	292.882	277.091
67.5	432.267	412.808	332.485	282.624	267.206
68.0	419.274	399.939	320.548	272.428	257.570
68.5	406.218	387.008	309.109	262.481	247.996
69.0	393.287	373.828	297.669	252.472	238.546
69.5	380.418	361.021	286.355	242.711	229.345
70.0	367.486	348.151	275.164	233.075	219.895
70.5	354.679	335.282	264.098	223.501	210.942
71.0	341.934	322.600	253.156	213.989	201.866
71.5	329.563	310.103	242.400	204.725	192.789
72.0	317.377	297.732	231.832	195.400	183.899
72.5	304.881	285.671	221.387	186.323	175.133
73.0	292.758	273.548	211.129	177.309	166.615
73.5	280.573	261.487	201.057	168.356	157.974
74.0	268.823	249.861	191.110	159.777	149.705
74.5	257.010	238.235	181.350	151.011	141.437
75.0	245.385	226.671	171.589	142.493	133.292
75.5	233.821	215.481	162.139	134.100	125.459
76.0	222.693	204.290	152.876	126.018	117.625
76.5	211.626	193.473	143.675	118.061	110.103
77.0	200.684	182.531	134.722	110.165	102.891
77.5	189.991	171.900	125.894	102.580	95.679
78.0	179.360	161.455	117.190	95.182	88.654
78.5	169.040	151.197	108.549	87.970	81.816
79.0	158.844	141.063	100.218	80.883	75.101
79.5	149.021	131.054	92.136	74.044	68.449
80.0	139.323	121.293	84.302	67.392	62.046
80.5	129.811	111.719	76.718	60.740	55.642
81.0	120.423	102.269	69.506	54.274	49.425
81.5	111.284	93.131	62.419	47.871	43.084
82.0	102.394	84.302	55.704	41.716	36.805
82.5	93.752	75.723	49.114	35.375	30.152

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CANDELA TABULATION - (Cont.)

83.0	85.359	67.392	42.649	28.909	23.003
83.5	77.215	59.310	36.432	21.759	15.356
84.0	69.319	51.663	30.339	14.486	11.874
84.5	61.735	44.327	24.184	11.066	10.507
85.0	54.399	37.364	17.221	9.699	9.325
85.5	47.373	30.836	10.445	8.517	8.206
86.0	40.597	24.619	8.206	7.336	7.087
86.5	34.007	18.775	6.963	6.217	5.968
87.0	27.852	13.056	5.782	5.160	4.911
87.5	21.946	6.901	4.601	4.041	3.917
88.0	16.413	4.352	3.544	3.046	2.860
88.5	11.315	3.233	2.487	2.114	1.989
89.0	6.901	2.114	1.492	1.243	1.181
89.5	3.108	1.119	0.746	0.622	0.497
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 : LRX2X-4-L12-940-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 : LRX2X-4-L12-940-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 : LRX2X-4-L12-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	701.37	N.A.	16.70
0-30	1427.81	N.A.	34.10
0-40	2224.84	N.A.	53.10
0-60	3562.16	N.A.	85.00
0-80	4157.68	N.A.	99.20
0-90	4193.14	N.A.	100.00
10-90	4006.41	N.A.	95.50
20-40	1523.47	N.A.	36.30
20-50	2265.15	N.A.	54.00
40-70	1737.7	N.A.	41.40
60-80	595.52	N.A.	14.20
70-80	195.14	N.A.	4.70
80-90	35.46	N.A.	0.80
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	4193.14	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	186.73
10-20	514.65
20-30	726.44
30-40	797.03
40-50	741.69
50-60	595.63
60-70	400.37
70-80	195.14
80-90	35.46
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 : LRX2X-4-L12-940-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	99	107	104	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-940-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

X=2H	Y=2H	21.6	23.1	22.0	23.5	23.8	19.5	21.0	19.9	21.3	21.6
	3H	23.2	24.6	23.6	24.9	25.3	20.7	22.1	21.1	22.5	22.8
	4H	23.8	25.1	24.2	25.4	25.8	21.1	22.4	21.5	22.8	23.1
	6H	24.1	25.3	24.5	25.7	26.1	21.3	22.5	21.7	22.9	23.3
	8H	24.3	25.4	24.7	25.8	26.2	21.3	22.5	21.8	22.8	23.2
	12H	24.3	25.4	24.7	25.8	26.2	21.3	22.4	21.7	22.8	23.2

UGR Viewed Endwise

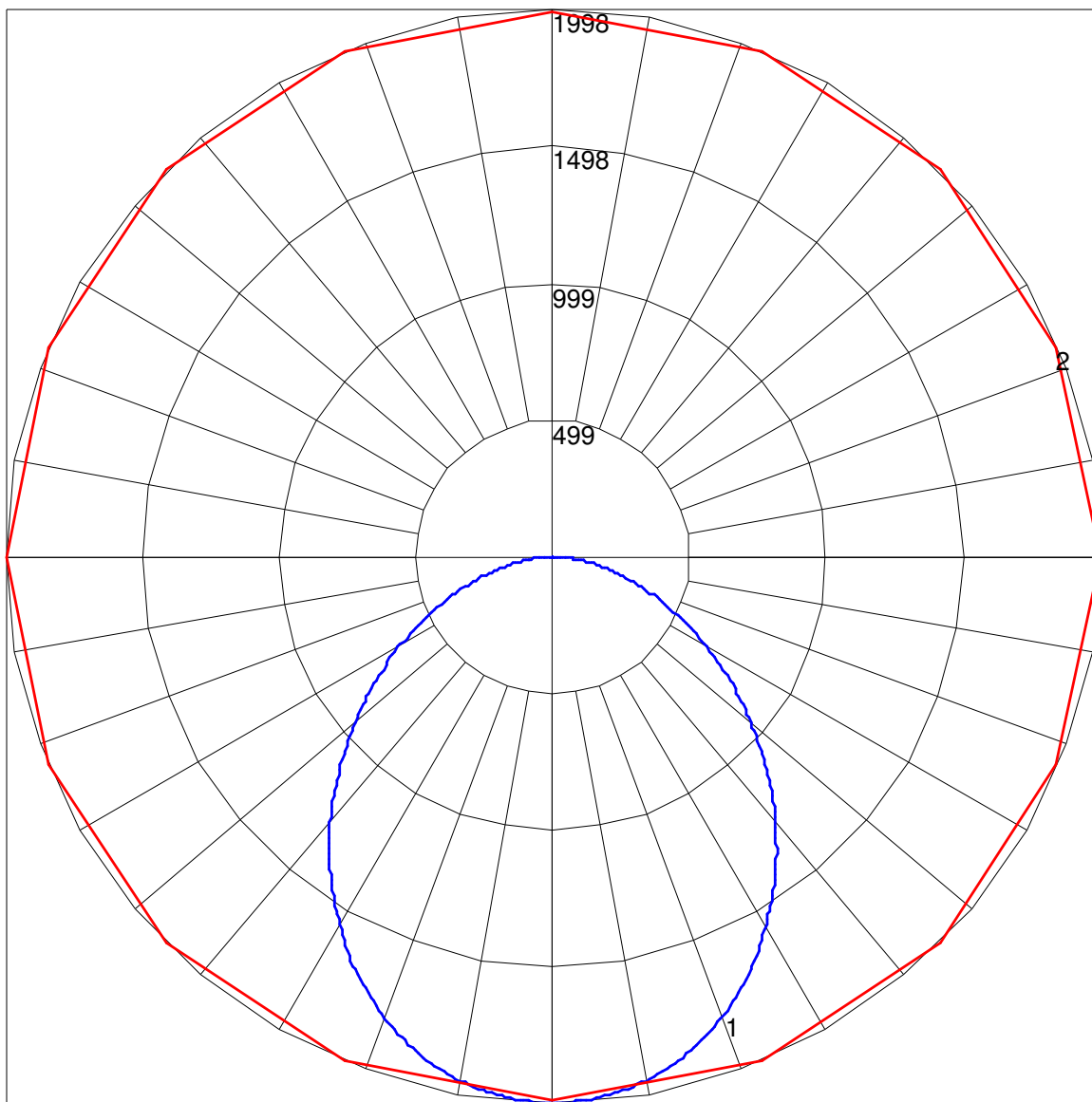
4H	2H	21.9	23.2	22.3	23.6	23.9	20.2	21.5	20.6	21.8	22.2
	3H	23.8	24.8	24.2	25.2	25.6	21.6	22.7	22.0	23.1	23.5
	4H	24.4	25.4	24.9	25.8	26.3	22.1	23.0	22.5	23.5	23.9
	6H	24.9	25.8	25.4	26.2	26.7	22.3	23.2	22.8	23.6	24.1
	8H	25.1	25.8	25.5	26.3	26.8	22.3	23.1	22.8	23.6	24.0
	12H	25.1	25.9	25.6	26.3	26.8	22.3	23.0	22.8	23.5	24.0

8H	4H	24.5	25.3	25.0	25.7	26.2	22.4	23.2	22.8	23.6	24.1
	6H	25.1	25.7	25.6	26.2	26.7	22.7	23.3	23.2	23.8	24.3
	8H	25.3	25.9	25.8	26.4	26.9	22.7	23.3	23.2	23.8	24.3
	12H	25.4	25.9	25.9	26.4	27.0	22.7	23.2	23.2	23.7	24.3

12H	4H	24.5	25.2	25.0	25.7	26.2	22.4	23.1	22.9	23.6	24.1
	6H	25.1	25.7	25.6	26.1	26.7	22.7	23.3	23.3	23.8	24.3
	8H	25.3	25.8	25.8	26.3	26.9	22.8	23.3	23.3	23.8	24.4

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 1997.519 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.)