

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L12-950-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-L12-950-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	4290
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
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	10464	9277	8212
55	9159	7917	6724
65	7793	6512	5410
75	6257	4890	3983
85	4052	2512	1922

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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	1987.048	1987.048	1987.048	1987.048	1987.048
0.5	1996.762	1982.730	1987.587	1985.968	1984.889
1.0	1996.222	1982.191	1987.048	1985.429	1984.349
1.5	1995.682	1981.111	1986.508	1984.349	1983.270
2.0	1994.603	1980.572	1984.889	1982.191	1982.730
2.5	1994.063	1979.492	1983.810	1981.111	1980.572
3.0	1992.444	1977.873	1982.191	1978.413	1977.873
3.5	1991.365	1976.254	1980.032	1976.254	1975.175
4.0	1988.667	1974.096	1977.873	1973.556	1971.937
4.5	1987.587	1971.937	1975.175	1970.318	1968.159
5.0	1984.889	1969.778	1971.937	1967.080	1964.921
5.5	1983.810	1966.540	1968.699	1962.763	1960.064
6.0	1978.953	1963.842	1964.921	1958.445	1955.747
6.5	1976.254	1961.144	1960.604	1953.588	1950.350
7.0	1973.016	1957.366	1956.826	1948.731	1945.493
7.5	1969.778	1953.588	1951.969	1943.335	1939.557
8.0	1966.001	1949.271	1947.652	1937.398	1933.081
8.5	1962.223	1945.493	1942.795	1930.922	1926.605
9.0	1957.906	1941.176	1936.859	1924.446	1920.129
9.5	1953.049	1935.779	1931.462	1917.431	1912.574
10.0	1949.271	1930.922	1924.986	1910.955	1905.558
10.5	1943.335	1925.526	1919.050	1903.939	1898.003
11.0	1937.938	1920.129	1912.034	1895.844	1890.447
11.5	1932.541	1914.193	1905.018	1887.749	1881.273
12.0	1926.605	1908.256	1898.003	1879.115	1872.639
12.5	1919.589	1901.241	1890.447	1870.480	1862.925
13.0	1913.653	1894.765	1882.353	1861.306	1853.750
13.5	1907.717	1887.749	1874.258	1852.131	1844.576
14.0	1900.161	1880.734	1866.163	1841.878	1833.783
14.5	1893.685	1872.639	1856.988	1832.164	1823.529
15.0	1886.130	1865.083	1847.814	1821.910	1812.736
15.5	1878.575	1856.988	1838.640	1811.117	1801.942
16.0	1870.480	1848.893	1828.926	1800.323	1790.070
16.5	1862.925	1840.798	1819.212	1788.990	1778.737
17.0	1854.290	1831.624	1808.958	1777.657	1766.324
17.5	1846.195	1822.450	1799.244	1765.785	1753.912
18.0	1837.021	1813.815	1788.451	1753.912	1741.500
18.5	1828.926	1804.101	1777.657	1741.500	1728.008
19.0	1819.212	1794.387	1766.324	1728.548	1714.517
19.5	1810.037	1784.673	1754.991	1716.136	1701.025
20.0	1800.323	1774.419	1743.119	1703.184	1687.533
20.5	1790.609	1764.166	1731.246	1689.692	1673.502
21.0	1780.356	1753.912	1719.374	1676.200	1658.931
21.5	1770.642	1742.579	1706.961	1662.169	1644.900
22.0	1759.848	1731.786	1694.009	1648.138	1630.868
22.5	1749.055	1720.453	1681.057	1634.106	1615.758
23.0	1738.802	1709.660	1668.645	1618.996	1600.647
23.5	1728.008	1697.787	1655.153	1604.425	1585.537
24.0	1716.675	1685.914	1641.662	1589.854	1569.886
24.5	1705.342	1674.042	1627.630	1574.743	1554.776
25.0	1693.470	1662.169	1614.139	1559.633	1539.125
25.5	1681.057	1649.217	1600.108	1543.982	1522.396
26.0	1669.185	1636.805	1584.997	1528.332	1506.206
26.5	1657.312	1623.853	1570.966	1512.682	1489.476

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CANDELA TABULATION - (Cont.)

27.0	1644.360	1610.901	1555.855	1496.492	1473.286
27.5	1630.868	1597.409	1541.284	1480.302	1457.096
28.0	1618.456	1584.457	1526.173	1463.572	1439.827
28.5	1605.504	1570.966	1511.602	1447.382	1423.097
29.0	1592.552	1557.474	1496.492	1430.653	1406.907
29.5	1577.442	1543.443	1480.842	1413.923	1389.638
30.0	1562.871	1528.872	1465.191	1397.193	1372.908
30.5	1549.379	1514.840	1450.081	1381.003	1355.639
31.0	1535.348	1500.809	1434.430	1364.274	1338.370
31.5	1521.856	1486.238	1418.780	1347.005	1321.101
32.0	1506.745	1471.667	1402.590	1330.275	1304.371
32.5	1492.714	1456.557	1386.940	1313.006	1286.562
33.0	1478.143	1441.986	1370.210	1296.276	1269.832
33.5	1463.572	1426.875	1355.100	1279.007	1251.484
34.0	1449.541	1411.764	1338.370	1262.277	1234.754
34.5	1434.970	1397.193	1322.180	1245.547	1218.025
35.0	1420.399	1381.543	1305.450	1228.278	1200.755
35.5	1405.288	1365.893	1289.260	1212.088	1182.946
36.0	1391.257	1350.782	1273.070	1194.819	1166.756
36.5	1376.146	1335.132	1256.341	1178.089	1149.487
37.0	1360.496	1319.482	1240.690	1161.360	1133.297
37.5	1345.386	1303.831	1224.501	1144.090	1116.028
38.0	1330.275	1287.641	1207.771	1127.361	1098.759
38.5	1314.625	1272.531	1191.581	1110.631	1082.029
39.0	1298.435	1256.341	1175.391	1093.902	1065.299
39.5	1283.324	1240.690	1158.661	1077.172	1048.570
40.0	1267.674	1224.501	1142.471	1061.522	1032.380
40.5	1250.944	1208.850	1125.742	1044.792	1015.110
41.0	1235.294	1192.660	1109.552	1028.062	997.301
41.5	1219.644	1177.010	1093.362	1011.333	980.572
42.0	1202.914	1160.820	1077.172	994.063	963.303
42.5	1185.645	1144.090	1060.982	977.873	946.573
43.0	1169.455	1127.900	1044.792	960.065	929.843
43.5	1153.804	1112.250	1028.602	943.335	914.193
44.0	1136.535	1096.060	1012.412	927.685	898.003
44.5	1120.345	1079.870	994.603	911.495	881.813
45.0	1103.616	1064.220	978.413	895.844	866.163
45.5	1086.886	1047.490	961.684	880.194	849.973
46.0	1070.696	1031.840	946.033	864.544	834.323
46.5	1054.506	1015.650	930.383	849.433	819.212
47.0	1037.776	999.460	914.733	833.783	803.562
47.5	1021.047	982.191	899.622	818.672	788.451
48.0	1004.857	965.461	884.511	803.562	772.801
48.5	988.127	949.811	868.861	788.451	757.690
49.0	970.318	933.621	853.750	773.340	743.119
49.5	954.668	918.510	839.180	758.230	728.548
50.0	938.478	902.860	824.069	743.659	713.977
50.5	923.367	887.210	808.958	729.088	699.406
51.0	907.177	872.099	793.848	713.977	684.835
51.5	891.527	856.449	779.277	699.946	670.804
52.0	876.416	840.799	764.166	685.375	656.773
52.5	860.766	825.688	749.595	671.344	643.281
53.0	845.116	810.577	735.024	657.312	629.789
53.5	829.466	795.467	720.993	643.281	615.758
54.0	814.355	780.356	705.882	629.789	602.266
54.5	798.705	765.785	691.851	615.758	588.775

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55.0	783.594	750.674	677.280	602.806	575.283
55.5	767.944	736.103	663.249	588.775	562.331
56.0	752.293	720.993	649.217	575.823	549.379
56.5	737.183	706.422	635.186	562.871	537.237
57.0	721.532	691.851	620.615	549.919	524.447
57.5	706.422	677.820	607.123	536.967	511.980
58.0	691.311	663.249	593.092	524.231	499.730
58.5	676.201	648.678	579.061	511.657	487.480
59.0	661.090	634.646	565.569	499.298	475.337
59.5	645.979	620.615	552.078	486.940	463.519
60.0	631.408	606.584	538.478	474.528	451.754
60.5	616.837	592.552	525.310	462.439	439.989
61.0	602.266	579.061	511.873	450.459	428.440
61.5	588.235	565.030	498.813	438.370	417.053
62.0	573.664	550.998	485.645	426.821	406.044
62.5	559.633	537.669	472.909	415.218	394.819
63.0	545.602	524.339	460.227	403.670	383.810
63.5	531.840	511.009	447.544	392.013	372.693
64.0	518.456	497.787	435.186	380.788	362.007
64.5	504.641	484.565	422.720	369.617	351.376
65.0	491.257	471.613	410.469	358.446	341.014
65.5	477.982	458.500	398.111	347.490	330.437
66.0	464.760	445.494	386.184	336.805	320.075
66.5	451.646	432.650	374.204	325.958	309.606
67.0	438.370	419.914	362.385	315.218	299.568
67.5	425.094	407.177	350.728	304.857	289.530
68.0	412.358	394.657	338.964	294.441	279.385
68.5	399.352	382.245	327.469	284.188	269.617
69.0	386.454	369.833	316.082	273.988	259.903
69.5	373.934	357.474	304.965	263.896	250.459
70.0	361.252	345.170	293.632	254.020	240.907
70.5	348.732	333.081	282.515	244.199	231.678
71.0	336.211	321.101	271.721	234.646	222.342
71.5	323.961	309.012	260.928	225.148	213.330
72.0	311.765	297.248	250.243	215.704	204.317
72.5	299.622	285.591	239.611	206.476	195.575
73.0	287.803	274.096	229.196	197.194	186.994
73.5	275.985	262.439	218.942	188.343	178.413
74.0	264.382	250.998	208.796	179.439	169.887
74.5	252.887	239.773	198.759	170.804	161.792
75.0	241.554	228.710	188.775	162.115	153.751
75.5	230.437	217.863	179.115	153.859	145.764
76.0	219.590	207.124	169.671	145.602	138.046
76.5	208.689	196.384	160.227	137.669	130.491
77.0	198.381	185.915	151.160	129.736	122.990
77.5	187.911	175.607	142.148	122.072	115.650
78.0	177.496	165.461	133.243	114.571	108.689
78.5	167.188	155.424	124.717	107.285	101.619
79.0	157.366	145.764	116.352	100.108	94.819
79.5	147.706	135.942	108.203	92.930	88.181
80.0	138.100	126.552	100.108	86.185	81.759
80.5	128.548	117.215	92.229	79.493	75.391
81.0	119.320	108.149	84.673	73.125	69.347
81.5	110.200	99.352	77.280	66.811	63.357
82.0	101.403	90.448	70.264	60.658	57.420
82.5	92.822	82.029	63.357	54.668	51.754

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CANDELA TABULATION - (Cont.)

83.0	84.350	73.718	56.665	48.840	45.979
83.5	75.985	65.785	50.351	43.119	40.475
84.0	67.998	58.014	44.199	37.507	35.132
84.5	60.119	50.675	38.316	32.164	30.005
85.0	52.671	43.605	32.650	27.145	24.987
85.5	45.440	36.805	27.253	22.018	19.590
86.0	38.640	30.329	22.396	16.730	13.654
86.5	31.894	24.501	17.701	10.577	8.419
87.0	25.688	18.996	12.628	6.692	5.990
87.5	19.914	14.139	7.285	5.127	4.695
88.0	14.571	9.660	4.587	3.940	3.670
88.5	10.038	5.397	3.400	2.860	2.536
89.0	6.314	2.698	2.267	1.835	1.619
89.5	3.130	1.457	1.241	0.917	0.809
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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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-L12-950-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-L12-950-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-L12-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	705.82	N.A.	16.50
0-30	1446.8	N.A.	33.70
0-40	2263.04	N.A.	52.80
0-60	3626.61	N.A.	84.50
0-80	4245.37	N.A.	99.00
0-90	4289.8	N.A.	100.00
10-90	4103.19	N.A.	95.60
20-40	1557.22	N.A.	36.30
20-50	2314.15	N.A.	53.90
40-70	1774.74	N.A.	41.40
60-80	618.76	N.A.	14.40
70-80	207.60	N.A.	4.80
80-90	44.43	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	4289.8	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	186.61
10-20	519.20
20-30	740.98
30-40	816.24
40-50	756.92
50-60	606.65
60-70	411.16
70-80	207.60
80-90	44.43
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-L12-950-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-L12-950-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	19.6	21.2	20.0	21.5	21.8	17.9	19.4	18.3	19.7	20.1
	3H	21.2	22.6	21.6	22.9	23.3	19.2	20.6	19.6	20.9	21.3
	4H	21.8	23.1	22.2	23.4	23.8	19.7	21.0	20.1	21.3	21.7
	6H	22.1	23.3	22.6	23.7	24.1	19.9	21.1	20.3	21.5	21.9
	8H	22.2	23.4	22.7	23.8	24.2	20.0	21.1	20.4	21.5	21.9
	12H	22.3	23.4	22.7	23.8	24.2	20.0	21.1	20.4	21.5	21.9

UGR Viewed Endwise

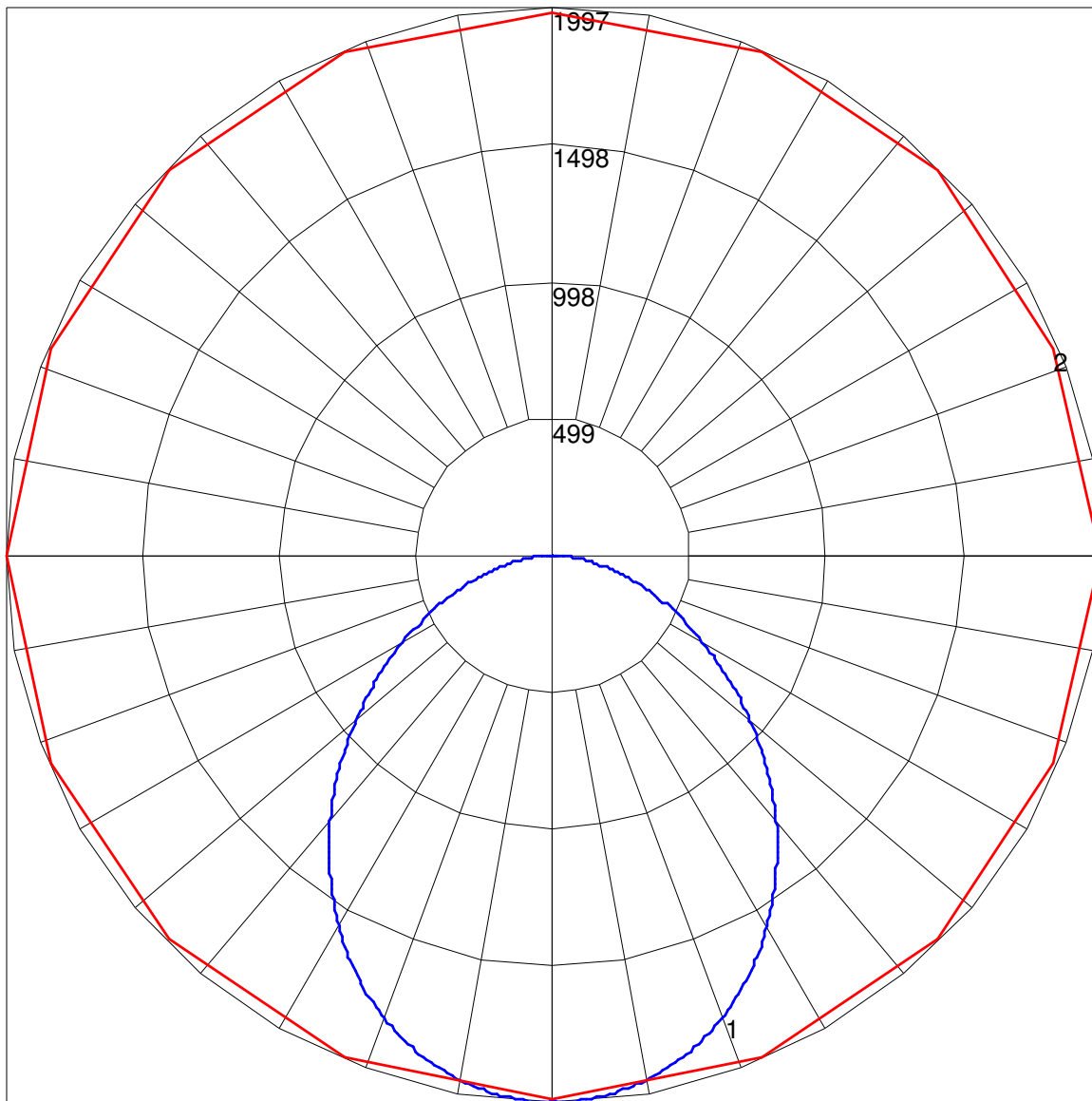
4H	2H	20.0	21.3	20.4	21.6	22.0	18.6	19.9	19.0	20.2	20.6
	3H	21.8	22.9	22.2	23.3	23.7	20.1	21.2	20.5	21.6	22.0
	4H	22.5	23.4	22.9	23.9	24.3	20.6	21.6	21.1	22.0	22.5
	6H	23.0	23.8	23.4	24.3	24.7	21.0	21.8	21.4	22.3	22.7
	8H	23.1	23.9	23.6	24.4	24.8	21.1	21.8	21.5	22.3	22.8
	12H	23.2	23.9	23.7	24.4	24.9	21.1	21.8	21.6	22.3	22.7

8H	4H	22.6	23.4	23.1	23.8	24.3	20.9	21.7	21.4	22.2	22.6
	6H	23.2	23.9	23.7	24.3	24.8	21.4	22.0	21.8	22.5	23.0
	8H	23.4	24.0	23.9	24.5	25.0	21.5	22.1	22.0	22.6	23.1
	12H	23.5	24.1	24.0	24.5	25.1	21.5	22.1	22.1	22.6	23.1

12H	4H	22.6	23.3	23.1	23.8	24.3	21.0	21.7	21.4	22.1	22.6
	6H	23.2	23.8	23.7	24.3	24.8	21.4	22.0	21.9	22.5	23.0
	8H	23.4	23.9	23.9	24.4	25.0	21.6	22.1	22.1	22.6	23.1

Maximum UGR = 25.1

POLAR GRAPH



Maximum Candela = 1996.762 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.)