

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L12-950-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-L12-950-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	4339
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
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	18535	16047	13998
55	16380	13738	11367
65	14050	11056	8924
75	11273	7883	6123
85	7421	2349	1272

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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	2063.983	2063.983	2063.983	2063.983	2063.983
0.5	2067.200	2060.766	2065.913	2064.626	2058.836
1.0	2065.913	2060.123	2065.913	2063.983	2058.192
1.5	2065.270	2058.836	2063.983	2062.053	2056.262
2.0	2064.626	2058.192	2063.339	2060.766	2054.332
2.5	2063.339	2056.906	2061.409	2058.192	2052.402
3.0	2062.053	2055.619	2059.479	2055.619	2049.185
3.5	2060.123	2053.689	2056.262	2051.759	2045.968
4.0	2058.192	2051.115	2053.689	2048.542	2041.464
4.5	2056.262	2048.542	2049.828	2044.038	2036.317
5.0	2054.975	2045.968	2046.611	2038.891	2031.814
5.5	2051.115	2042.751	2042.108	2034.387	2026.666
6.0	2048.542	2039.534	2037.604	2028.597	2020.876
6.5	2045.325	2035.674	2033.100	2022.163	2014.442
7.0	2041.464	2031.170	2027.953	2016.372	2006.722
7.5	2037.604	2027.310	2022.163	2008.652	1999.001
8.0	2033.744	2022.806	2016.372	2001.574	1990.637
8.5	2029.240	2017.659	2009.938	1993.854	1983.560
9.0	2024.093	2012.512	2003.505	1985.490	1975.196
9.5	2019.589	2008.008	1996.427	1977.126	1965.545
10.0	2014.442	2002.218	1989.350	1968.118	1955.894
10.5	2009.938	1996.427	1981.629	1958.468	1945.600
11.0	2004.148	1989.993	1973.265	1948.817	1934.019
11.5	1999.001	1984.203	1964.901	1938.523	1924.368
12.0	1995.141	1978.413	1955.894	1928.228	1913.431
12.5	1986.777	1971.979	1946.887	1916.647	1902.493
13.0	1979.056	1964.258	1937.879	1905.710	1890.269
13.5	1972.622	1955.251	1928.228	1894.772	1878.044
14.0	1964.901	1946.887	1917.934	1882.548	1865.820
14.5	1957.181	1937.879	1907.640	1870.324	1852.952
15.0	1949.460	1929.515	1897.989	1858.099	1839.441
15.5	1941.740	1921.151	1887.695	1844.588	1825.930
16.0	1933.375	1912.144	1877.401	1831.720	1813.062
16.5	1925.655	1902.493	1865.820	1818.853	1798.908
17.0	1916.004	1892.842	1852.952	1804.698	1784.110
17.5	1906.997	1883.191	1840.728	1791.187	1769.955
18.0	1898.633	1872.897	1828.504	1777.033	1754.514
18.5	1888.338	1862.603	1815.636	1762.235	1739.716
19.0	1878.688	1852.309	1802.768	1748.724	1724.918
19.5	1869.680	1841.371	1789.900	1733.282	1708.190
20.0	1858.743	1830.434	1777.033	1717.841	1692.749
20.5	1849.092	1820.140	1764.165	1703.043	1677.308
21.0	1838.798	1808.559	1750.010	1688.245	1661.223
21.5	1827.860	1796.978	1735.856	1672.804	1645.138
22.0	1816.923	1785.397	1722.345	1656.719	1629.054
22.5	1805.985	1773.172	1708.834	1640.635	1612.969
23.0	1794.404	1761.591	1694.036	1624.550	1596.241
23.5	1783.467	1749.367	1679.238	1609.109	1579.513
24.0	1770.599	1736.499	1664.440	1592.381	1563.428
24.5	1759.018	1723.632	1648.999	1576.296	1546.700
25.0	1746.793	1710.764	1634.844	1559.568	1529.972
25.5	1734.569	1697.896	1619.403	1542.840	1512.601
26.0	1722.345	1683.742	1603.962	1526.755	1495.873
26.5	1709.477	1670.874	1588.520	1510.027	1478.501

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CANDELA TABULATION - (Cont.)

27.0	1695.966	1656.719	1573.079	1493.299	1461.773
27.5	1682.455	1643.208	1556.995	1476.571	1444.402
28.0	1667.657	1629.054	1541.553	1459.843	1427.031
28.5	1652.859	1614.899	1526.112	1443.759	1409.659
29.0	1639.348	1600.745	1509.384	1426.387	1392.288
29.5	1625.837	1585.947	1493.299	1409.016	1374.273
30.0	1611.039	1571.149	1477.858	1392.288	1358.188
30.5	1597.528	1556.995	1461.773	1374.916	1340.817
31.0	1582.730	1542.197	1445.689	1357.545	1324.089
31.5	1569.219	1526.755	1428.961	1340.817	1307.361
32.0	1554.421	1511.314	1412.876	1323.445	1289.989
32.5	1539.623	1495.873	1396.148	1305.431	1272.618
33.0	1525.469	1480.432	1380.063	1288.703	1255.890
33.5	1510.671	1465.634	1363.979	1272.618	1239.162
34.0	1495.229	1449.549	1347.251	1255.246	1221.790
34.5	1480.432	1434.108	1331.166	1238.518	1205.706
35.0	1464.990	1418.667	1314.438	1221.790	1187.691
35.5	1450.836	1402.582	1297.710	1205.062	1170.319
36.0	1435.395	1387.141	1281.625	1187.691	1151.661
36.5	1419.953	1371.056	1264.897	1170.319	1135.577
37.0	1405.155	1354.971	1248.169	1152.305	1118.849
37.5	1389.071	1338.887	1232.728	1135.577	1102.764
38.0	1372.343	1323.445	1216.000	1119.492	1086.036
38.5	1356.901	1306.717	1199.272	1103.407	1069.951
39.0	1342.104	1290.633	1181.257	1086.679	1053.867
39.5	1325.376	1274.548	1163.886	1070.595	1037.782
40.0	1309.934	1258.463	1147.158	1055.153	1021.697
40.5	1293.850	1242.379	1131.073	1038.425	1005.613
41.0	1276.478	1226.294	1114.988	1022.984	989.528
41.5	1260.394	1209.566	1098.260	1006.899	974.087
42.0	1243.665	1192.838	1082.819	991.458	958.002
42.5	1226.937	1175.467	1066.091	975.373	942.561
43.0	1210.853	1157.452	1051.293	959.932	926.476
43.5	1193.481	1141.367	1035.208	944.491	910.391
44.0	1175.467	1125.282	1019.124	929.050	894.307
44.5	1156.808	1108.554	1003.682	913.608	878.222
45.0	1140.724	1092.470	987.598	898.167	861.494
45.5	1124.639	1076.385	972.157	882.726	845.409
46.0	1107.911	1060.300	956.072	866.641	829.968
46.5	1091.183	1044.216	940.631	851.200	813.884
47.0	1074.455	1028.131	925.833	835.115	798.442
47.5	1058.370	1012.046	910.391	819.674	783.001
48.0	1041.642	995.962	894.950	803.589	767.560
48.5	1025.558	980.521	879.509	788.148	752.118
49.0	1009.473	964.436	864.711	772.707	736.677
49.5	992.745	948.351	849.270	757.266	721.879
50.0	977.304	932.910	834.472	742.468	707.725
50.5	961.219	916.825	819.674	727.026	692.927
51.0	945.134	901.384	804.876	712.229	678.129
51.5	929.050	885.943	790.078	697.431	663.975
52.0	912.965	870.502	775.280	682.633	649.820
52.5	897.524	855.060	760.482	668.478	635.537
53.0	881.439	840.262	745.685	653.680	621.189
53.5	865.354	824.821	730.887	639.462	608.193
54.0	849.270	809.380	716.089	625.243	594.103
54.5	833.828	793.939	700.648	611.281	580.592

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CANDELA TABULATION - (Cont.)

55.0	817.744	779.141	685.850	597.062	567.467
55.5	802.303	764.343	671.052	583.358	554.342
56.0	786.218	749.545	655.611	569.590	541.088
56.5	770.777	734.104	641.070	556.207	527.770
57.0	754.692	719.949	626.465	542.696	515.031
57.5	739.894	705.151	611.860	529.507	502.163
58.0	724.453	690.353	597.320	516.382	489.746
58.5	708.368	675.555	583.101	503.385	477.135
59.0	693.570	660.758	568.753	490.582	464.654
59.5	678.129	646.603	554.535	477.779	452.558
60.0	663.331	632.063	540.573	465.361	440.720
60.5	647.890	617.908	526.869	452.751	428.688
61.0	632.963	603.689	513.165	440.269	416.979
61.5	618.037	589.535	499.461	428.045	405.591
62.0	603.175	575.380	485.821	416.335	394.074
62.5	588.634	561.547	472.310	404.433	382.622
63.0	574.093	547.779	458.992	392.594	371.556
63.5	559.875	534.139	445.674	380.949	360.747
64.0	545.205	520.435	432.613	369.497	349.616
64.5	530.922	506.924	419.616	358.109	338.872
65.0	516.832	493.349	406.684	346.914	328.256
65.5	502.678	479.902	393.881	335.719	317.640
66.0	488.780	466.777	381.206	324.846	307.153
66.5	475.012	453.523	368.789	313.844	296.923
67.0	461.051	440.269	356.243	303.099	286.757
67.5	447.346	427.208	344.083	292.483	276.527
68.0	433.900	413.890	331.730	281.932	266.555
68.5	420.389	400.508	319.892	271.638	256.647
69.0	407.006	386.868	308.053	261.279	246.867
69.5	393.688	373.614	296.344	251.178	237.345
70.0	380.306	360.296	284.763	241.205	227.566
70.5	367.052	346.978	273.310	231.297	218.301
71.0	353.862	333.853	261.987	221.454	208.907
71.5	341.059	320.921	250.856	211.867	199.514
72.0	328.449	308.118	239.919	202.216	190.314
72.5	315.517	295.636	229.110	192.823	181.242
73.0	302.971	283.090	218.494	183.494	172.427
73.5	290.360	270.608	208.071	174.229	163.484
74.0	278.200	258.577	197.777	165.350	154.927
74.5	265.976	246.546	187.676	156.279	146.370
75.0	253.945	234.579	177.575	147.464	137.942
75.5	241.978	222.998	167.795	138.778	129.835
76.0	230.461	211.417	158.209	130.414	121.729
76.5	219.009	200.222	148.687	122.179	113.944
77.0	207.685	188.898	139.422	114.008	106.480
77.5	196.619	177.896	130.286	106.159	99.017
78.0	185.617	167.087	121.278	98.502	91.747
78.5	174.937	156.472	112.335	91.039	84.670
79.0	164.385	145.984	103.714	83.705	77.721
79.5	154.220	135.626	95.350	76.627	70.837
80.0	144.183	125.525	87.243	69.743	64.210
80.5	134.339	115.616	79.394	62.859	57.583
81.0	124.624	105.837	71.931	56.168	51.149
81.5	115.166	96.379	64.596	49.541	44.587
82.0	105.966	87.243	57.647	43.171	38.088
82.5	97.023	78.364	50.828	36.609	31.204

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CANDELA TABULATION - (Cont.)

83.0	88.337	69.743	44.136	29.917	23.805
83.5	79.909	61.379	37.702	22.519	15.892
84.0	71.738	53.465	31.397	14.991	12.289
84.5	63.888	45.873	25.028	11.452	10.873
85.0	56.296	38.668	17.822	10.037	9.651
85.5	49.026	31.912	10.809	8.814	8.493
86.0	42.013	25.478	8.493	7.592	7.335
86.5	35.193	19.430	7.206	6.434	6.177
87.0	28.824	13.511	5.983	5.340	5.083
87.5	22.712	7.142	4.761	4.182	4.053
88.0	16.985	4.504	3.667	3.153	2.960
88.5	11.710	3.346	2.574	2.188	2.059
89.0	7.142	2.188	1.544	1.287	1.222
89.5	3.217	1.158	0.772	0.643	0.515
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-L12-950-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 : LRX2X-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 : LRX2X-4-L12-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	725.84	N.A.	16.70
0-30	1477.62	N.A.	34.10
0-40	2302.45	N.A.	53.10
0-60	3686.42	N.A.	85.00
0-80	4302.72	N.A.	99.20
0-90	4339.41	N.A.	100.00
10-90	4146.17	N.A.	95.50
20-40	1576.61	N.A.	36.30
20-50	2344.17	N.A.	54.00
40-70	1798.31	N.A.	41.40
60-80	616.29	N.A.	14.20
70-80	201.95	N.A.	4.70
80-90	36.70	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	4339.41	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	193.24
10-20	532.60
20-30	751.78
30-40	824.83
40-50	767.56
50-60	616.41
60-70	414.34
70-80	201.95
80-90	36.70
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-L12-950-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	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-L12-950-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

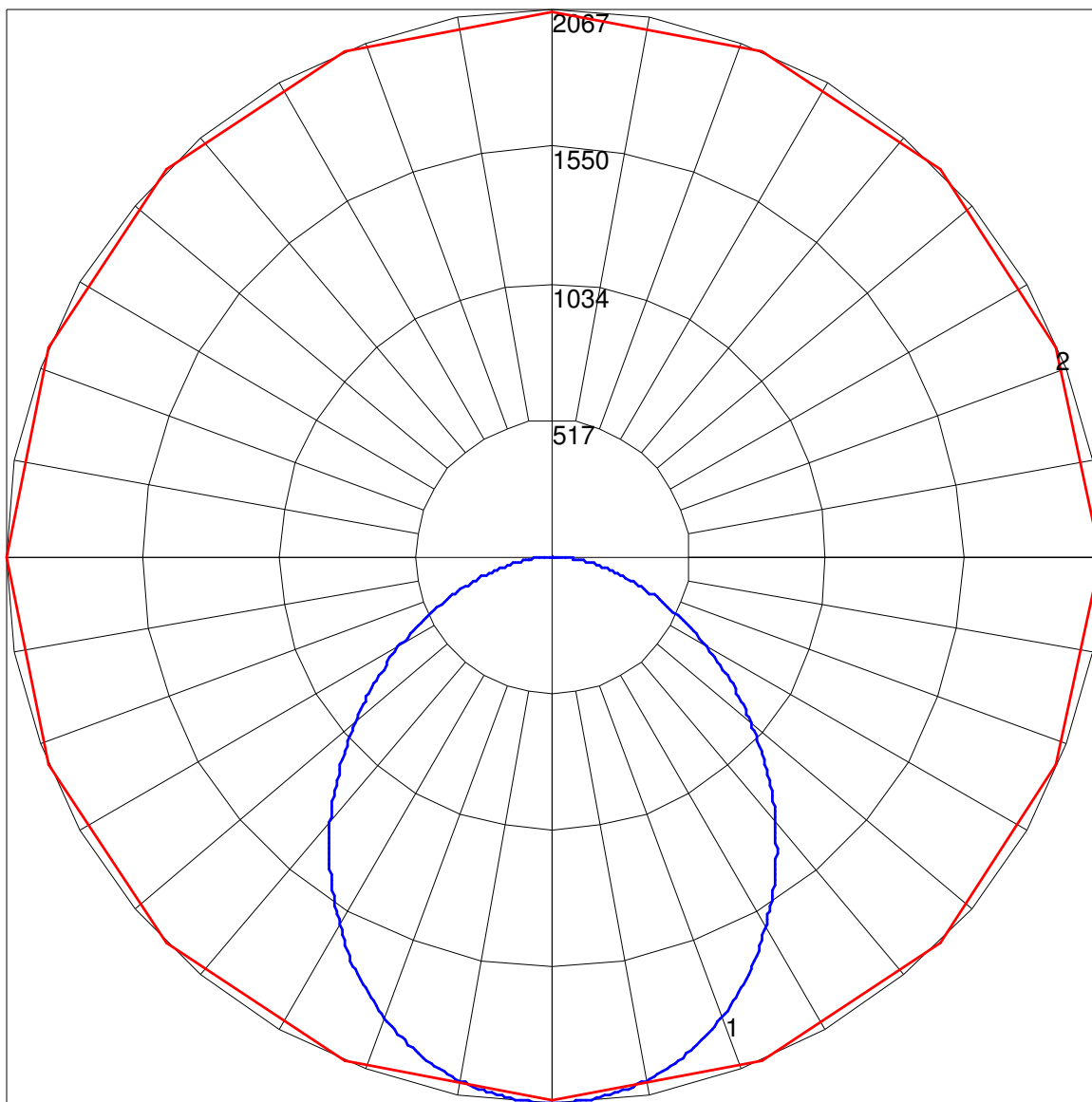
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	21.7	23.2	22.1	23.6	23.9	19.6	21.1	20.0	21.4	21.7
	3H	23.3	24.7	23.7	25.0	25.4	20.8	22.2	21.2	22.6	22.9
	4H	23.9	25.2	24.3	25.5	25.9	21.2	22.5	21.6	22.9	23.2
	6H	24.2	25.4	24.6	25.8	26.2	21.4	22.6	21.8	23.0	23.4
	8H	24.3	25.5	24.8	25.9	26.3	21.4	22.6	21.9	22.9	23.3
	12H	24.4	25.5	24.8	25.9	26.3	21.4	22.5	21.8	22.9	23.3
4H	2H	22.0	23.3	22.4	23.7	24.0	20.3	21.6	20.7	21.9	22.3
	3H	23.9	24.9	24.3	25.3	25.7	21.7	22.8	22.1	23.2	23.6
	4H	24.5	25.5	25.0	25.9	26.4	22.2	23.1	22.6	23.6	24.0
	6H	25.0	25.9	25.5	26.3	26.8	22.4	23.3	22.9	23.7	24.2
	8H	25.2	25.9	25.6	26.4	26.9	22.4	23.2	22.9	23.7	24.1
	12H	25.2	26.0	25.7	26.4	26.9	22.4	23.1	22.9	23.6	24.1
8H	4H	24.6	25.4	25.1	25.8	26.3	22.5	23.3	22.9	23.7	24.2
	6H	25.2	25.8	25.7	26.3	26.8	22.8	23.4	23.3	23.9	24.4
	8H	25.4	26.0	25.9	26.5	27.0	22.8	23.4	23.3	23.9	24.4
	12H	25.5	26.0	26.0	26.5	27.1	22.8	23.3	23.3	23.8	24.4
12H	4H	24.6	25.3	25.1	25.8	26.3	22.5	23.2	23.0	23.7	24.2
	6H	25.2	25.8	25.7	26.2	26.8	22.8	23.4	23.4	23.9	24.4
	8H	25.4	25.9	25.9	26.4	27.0	22.9	23.4	23.4	23.9	24.5

Maximum UGR = 27.1

POLAR GRAPH



Maximum Candela = 2067.2 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.)