

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L12-930-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L12-930-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	3998
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
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	17077	14784	12897
55	15092	12658	10473
65	12945	10186	8222
75	10386	7263	5642
85	6837	2165	1172

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-930-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1901.647	1901.647	1901.647	1901.647	1901.647
0.5	1904.611	1898.683	1903.426	1902.240	1896.905
1.0	1903.426	1898.091	1903.426	1901.647	1896.312
1.5	1902.833	1896.905	1901.647	1899.869	1894.534
2.0	1902.240	1896.312	1901.054	1898.683	1892.755
2.5	1901.054	1895.127	1899.276	1896.312	1890.977
3.0	1899.869	1893.941	1897.498	1893.941	1888.013
3.5	1898.091	1892.163	1894.534	1890.384	1885.049
4.0	1896.312	1889.792	1892.163	1887.420	1880.900
4.5	1894.534	1887.420	1888.606	1883.271	1876.158
5.0	1893.348	1885.049	1885.642	1878.529	1872.008
5.5	1889.792	1882.085	1881.493	1874.379	1867.266
6.0	1887.420	1879.121	1877.343	1869.044	1861.931
6.5	1884.457	1875.565	1873.194	1863.116	1856.003
7.0	1880.900	1871.415	1868.451	1857.781	1848.890
7.5	1877.343	1867.859	1863.116	1850.668	1841.776
8.0	1873.786	1863.709	1857.781	1844.147	1834.070
8.5	1869.637	1858.967	1851.853	1837.034	1827.549
9.0	1864.895	1854.225	1845.926	1829.328	1819.843
9.5	1860.745	1850.075	1839.405	1821.622	1810.951
10.0	1856.003	1844.740	1832.884	1813.323	1802.060
10.5	1851.853	1839.405	1825.771	1804.431	1792.575
11.0	1846.518	1833.477	1818.065	1795.539	1781.905
11.5	1841.776	1828.142	1810.359	1786.055	1773.013
12.0	1838.219	1822.807	1802.060	1776.570	1762.936
12.5	1830.513	1816.879	1793.761	1765.900	1752.859
13.0	1823.400	1809.766	1785.462	1755.823	1741.596
13.5	1817.472	1801.467	1776.570	1745.745	1730.333
14.0	1810.359	1793.761	1767.086	1734.482	1719.070
14.5	1803.245	1785.462	1757.601	1723.220	1707.214
15.0	1796.132	1777.756	1748.709	1711.957	1694.766
15.5	1789.018	1770.049	1739.225	1699.508	1682.318
16.0	1781.312	1761.750	1729.740	1687.653	1670.462
16.5	1774.199	1752.859	1719.070	1675.797	1657.421
17.0	1765.307	1743.967	1707.214	1662.756	1643.787
17.5	1757.008	1735.075	1695.952	1650.307	1630.745
18.0	1749.302	1725.591	1684.689	1637.266	1616.519
18.5	1739.818	1716.106	1672.833	1623.632	1602.885
19.0	1730.926	1706.622	1660.977	1611.184	1589.251
19.5	1722.627	1696.544	1649.122	1596.957	1573.838
20.0	1712.549	1686.467	1637.266	1582.730	1559.612
20.5	1703.658	1676.983	1625.410	1569.096	1545.385
21.0	1694.173	1666.312	1612.369	1555.462	1530.565
21.5	1684.096	1655.642	1599.328	1541.235	1515.746
22.0	1674.019	1644.972	1586.880	1526.416	1500.926
22.5	1663.941	1633.709	1574.431	1511.596	1486.106
23.0	1653.271	1623.039	1560.797	1496.777	1470.694
23.5	1643.194	1611.776	1547.163	1482.550	1455.282
24.0	1631.338	1599.921	1533.529	1467.137	1440.462
24.5	1620.668	1588.065	1519.302	1452.318	1425.050
25.0	1609.405	1576.209	1506.261	1436.905	1409.637
25.5	1598.142	1564.354	1492.034	1421.493	1393.632
26.0	1586.880	1551.313	1477.808	1406.674	1378.220
26.5	1575.024	1539.457	1463.581	1391.261	1362.215

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-930-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1562.575	1526.416	1449.354	1375.849	1346.803
27.5	1550.127	1513.967	1434.534	1360.437	1330.797
28.0	1536.493	1500.926	1420.308	1345.024	1314.792
28.5	1522.859	1487.885	1406.081	1330.205	1298.787
29.0	1510.411	1474.844	1390.668	1314.199	1282.782
29.5	1497.962	1461.210	1375.849	1298.194	1266.184
30.0	1484.328	1447.576	1361.622	1282.782	1251.364
30.5	1471.880	1434.534	1346.803	1266.777	1235.359
31.0	1458.246	1420.900	1331.983	1250.772	1219.947
31.5	1445.797	1406.674	1316.571	1235.359	1204.535
32.0	1432.163	1392.447	1301.751	1219.354	1188.530
32.5	1418.529	1378.220	1286.339	1202.756	1172.524
33.0	1405.488	1363.993	1271.519	1187.344	1157.112
33.5	1391.854	1350.359	1256.700	1172.524	1141.700
34.0	1377.627	1335.540	1241.287	1156.519	1125.695
34.5	1363.993	1321.313	1226.468	1141.107	1110.875
35.0	1349.766	1307.086	1211.055	1125.695	1094.277
35.5	1336.725	1292.266	1195.643	1110.282	1078.272
36.0	1322.498	1278.040	1180.823	1094.277	1061.081
36.5	1308.272	1263.220	1165.411	1078.272	1046.262
37.0	1294.638	1248.401	1149.999	1061.674	1030.849
37.5	1279.818	1233.581	1135.772	1046.262	1016.030
38.0	1264.406	1219.354	1120.359	1031.442	1000.617
38.5	1250.179	1203.942	1104.947	1016.622	985.798
39.0	1236.545	1189.122	1088.349	1001.210	970.978
39.5	1221.133	1174.303	1072.344	986.391	956.159
40.0	1206.906	1159.483	1056.932	972.164	941.339
40.5	1192.086	1144.664	1042.112	956.751	926.520
41.0	1176.081	1129.844	1027.293	942.525	911.700
41.5	1161.261	1114.432	1011.880	927.705	897.473
42.0	1145.849	1099.019	997.653	913.478	882.654
42.5	1130.437	1083.014	982.241	898.659	868.427
43.0	1115.617	1066.416	968.607	884.432	853.607
43.5	1099.612	1051.597	953.788	870.205	838.788
44.0	1083.014	1036.777	938.968	855.978	823.968
44.5	1065.823	1021.365	924.741	841.752	809.149
45.0	1051.004	1006.545	909.922	827.525	793.736
45.5	1036.184	991.726	895.695	813.298	778.917
46.0	1020.772	976.906	880.875	798.478	764.690
46.5	1005.360	962.086	866.648	784.252	749.870
47.0	989.947	947.267	853.014	769.432	735.643
47.5	975.128	932.447	838.788	755.205	721.417
48.0	959.715	917.628	824.561	740.386	707.190
48.5	944.896	903.401	810.334	726.159	692.963
49.0	930.076	888.581	796.700	711.932	678.736
49.5	914.664	873.762	782.473	697.705	665.102
50.0	900.437	859.535	768.839	684.071	652.061
50.5	885.617	844.715	755.205	669.845	638.427
51.0	870.798	830.489	741.571	656.211	624.793
51.5	855.978	816.262	727.937	642.577	611.752
52.0	841.159	802.035	714.303	628.943	598.711
52.5	826.932	787.808	700.669	615.901	585.551
53.0	812.112	774.174	687.035	602.267	572.332
53.5	797.293	759.948	673.401	589.167	560.358
54.0	782.473	745.721	659.767	576.066	547.376
54.5	768.247	731.494	645.540	563.203	534.927

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-930-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	753.427	717.860	631.906	550.102	522.834
55.5	739.200	704.226	618.272	537.476	510.742
56.0	724.381	690.592	604.046	524.791	498.530
56.5	710.154	676.365	590.649	512.461	486.260
57.0	695.334	663.324	577.193	500.012	474.523
57.5	681.700	649.690	563.736	487.860	462.667
58.0	667.473	636.056	550.340	475.767	451.226
58.5	652.654	622.422	537.239	463.793	439.608
59.0	639.020	608.788	524.020	451.997	428.108
59.5	624.793	595.747	510.919	440.201	416.963
60.0	611.159	582.350	498.056	428.760	406.056
60.5	596.932	569.309	485.430	417.141	394.971
61.0	583.180	556.208	472.804	405.641	384.183
61.5	569.427	543.167	460.177	394.378	373.690
62.0	555.734	530.126	447.610	383.590	363.079
62.5	542.337	517.381	435.162	372.623	352.528
63.0	528.940	504.695	422.891	361.716	342.332
63.5	515.840	492.128	410.621	350.987	332.373
64.0	502.324	479.502	398.587	340.435	322.118
64.5	489.164	467.054	386.613	329.943	312.219
65.0	476.182	454.546	374.698	319.628	302.438
65.5	463.141	442.157	362.902	309.314	292.657
66.0	450.337	430.064	351.224	299.296	282.995
66.5	437.652	417.853	339.783	289.159	273.569
67.0	424.788	405.641	328.224	279.260	264.203
67.5	412.162	393.608	317.020	269.479	254.778
68.0	399.773	381.337	305.639	259.757	245.590
68.5	387.324	369.007	294.732	250.273	236.461
69.0	374.994	356.440	283.824	240.729	227.451
69.5	362.724	344.229	273.036	231.422	218.678
70.0	350.394	331.958	262.366	222.234	209.667
70.5	338.183	319.688	251.814	213.105	201.131
71.0	326.031	307.595	241.381	204.036	192.477
71.5	314.234	295.680	231.126	195.203	183.822
72.0	302.616	283.884	221.049	186.312	175.345
72.5	290.701	272.384	211.090	177.657	166.987
73.0	279.141	260.824	201.309	169.062	158.866
73.5	267.523	249.324	191.706	160.526	150.626
74.0	256.319	238.239	182.221	152.345	142.742
74.5	245.056	227.154	172.915	143.987	134.858
75.0	233.971	216.129	163.608	135.866	127.093
75.5	222.946	205.459	154.598	127.863	119.624
76.0	212.335	194.788	145.765	120.157	112.155
76.5	201.783	184.474	136.992	112.569	104.982
77.0	191.350	174.041	128.456	105.041	98.106
77.5	181.154	163.904	120.039	97.809	91.229
78.0	171.018	153.946	111.740	90.755	84.531
78.5	161.178	144.165	103.500	83.879	78.010
79.0	151.456	134.502	95.557	77.121	71.608
79.5	142.090	124.959	87.850	70.600	65.265
80.0	132.843	115.652	80.381	64.258	59.160
80.5	123.773	106.523	73.149	57.915	53.054
81.0	114.822	97.513	66.273	51.750	47.126
81.5	106.108	88.799	59.515	45.644	41.080
82.0	97.631	80.381	53.113	39.776	35.093
82.5	89.392	72.201	46.830	33.729	28.750

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-930-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	81.389	64.258	40.665	27.564	21.933
83.5	73.624	56.551	34.737	20.747	14.642
84.0	66.095	49.260	28.928	13.812	11.322
84.5	58.863	42.265	23.059	10.552	10.018
85.0	51.868	35.626	16.420	9.247	8.892
85.5	45.170	29.402	9.959	8.121	7.825
86.0	38.709	23.474	7.825	6.995	6.758
86.5	32.425	17.902	6.639	5.928	5.691
87.0	26.557	12.448	5.513	4.920	4.683
87.5	20.925	6.580	4.387	3.853	3.735
88.0	15.649	4.149	3.379	2.905	2.727
88.5	10.789	3.082	2.371	2.015	1.897
89.0	6.580	2.015	1.423	1.186	1.126
89.5	2.964	1.067	0.711	0.593	0.474
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 : LRX2X-4-L12-930-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 : LRX2X-4-L12-930-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-L12-930-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-L12-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	668.75	N.A.	16.70
0-30	1361.4	N.A.	34.10
0-40	2121.36	N.A.	53.10
0-60	3396.48	N.A.	85.00
0-80	3964.3	N.A.	99.20
0-90	3998.11	N.A.	100.00
10-90	3820.07	N.A.	95.50
20-40	1452.61	N.A.	36.30
20-50	2159.8	N.A.	54.00
40-70	1656.87	N.A.	41.40
60-80	567.82	N.A.	14.20
70-80	186.07	N.A.	4.70
80-90	33.81	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	3998.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	178.04
10-20	490.71
20-30	692.65
30-40	759.95
40-50	707.19
50-60	567.93
60-70	381.75
70-80	186.07
80-90	33.81
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-L12-930-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-L12-930-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	21.4	22.9	21.8	23.3	23.6	19.3	20.8	19.7	21.1	21.4
	3H	23.0	24.4	23.4	24.7	25.1	20.5	21.9	20.9	22.3	22.6
	4H	23.6	24.9	24.0	25.2	25.6	20.9	22.2	21.3	22.6	22.9
	6H	23.9	25.1	24.3	25.5	25.9	21.1	22.3	21.5	22.7	23.1
	8H	24.0	25.2	24.5	25.6	26.0	21.1	22.3	21.6	22.6	23.0
	12H	24.1	25.2	24.5	25.6	26.0	21.1	22.2	21.5	22.6	23.0

UGR Viewed Endwise

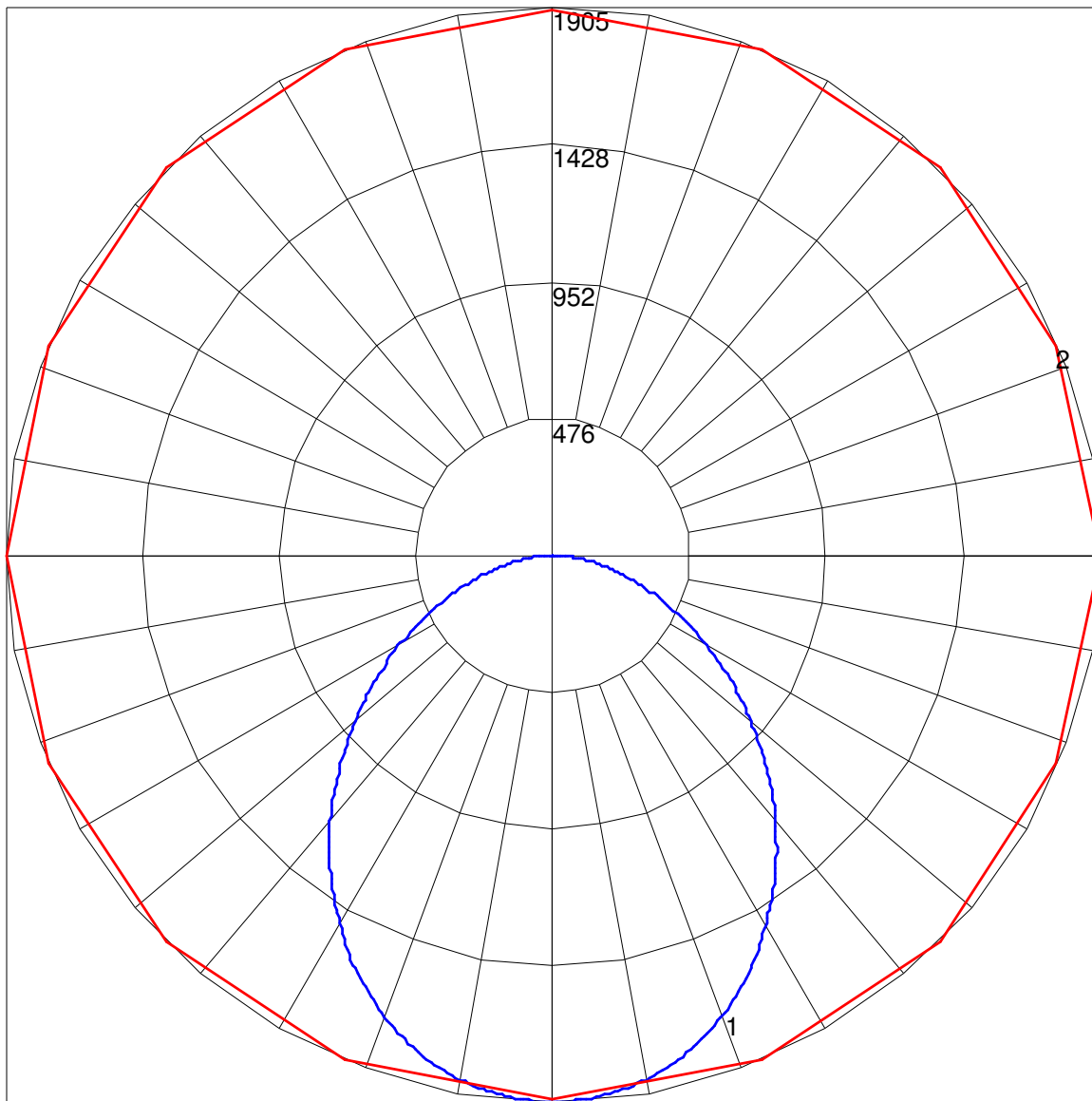
4H	2H	21.7	23.0	22.1	23.4	23.7	20.0	21.3	20.4	21.6	22.0
	3H	23.6	24.6	24.0	25.0	25.4	21.4	22.5	21.8	22.9	23.3
	4H	24.2	25.2	24.7	25.6	26.1	21.9	22.8	22.3	23.3	23.7
	6H	24.7	25.6	25.2	26.0	26.5	22.1	23.0	22.6	23.4	23.9
	8H	24.9	25.6	25.3	26.1	26.6	22.1	22.9	22.6	23.4	23.8
	12H	24.9	25.7	25.4	26.1	26.6	22.1	22.8	22.6	23.3	23.8

8H	4H	24.3	25.1	24.8	25.5	26.0	22.2	23.0	22.6	23.4	23.9
	6H	24.9	25.5	25.4	26.0	26.5	22.5	23.1	23.0	23.6	24.1
	8H	25.1	25.7	25.6	26.2	26.7	22.5	23.1	23.0	23.6	24.1
	12H	25.2	25.7	25.7	26.2	26.8	22.5	23.0	23.0	23.5	24.1

12H	4H	24.3	25.0	24.8	25.5	26.0	22.2	22.9	22.7	23.4	23.9
	6H	24.9	25.5	25.4	25.9	26.5	22.5	23.1	23.1	23.6	24.1
	8H	25.1	25.6	25.6	26.1	26.7	22.6	23.1	23.1	23.6	24.2

Maximum UGR = 26.8

POLAR GRAPH



Maximum Candela = 1904.611 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.)