

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L12-940-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-L12-940-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	4145
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
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	10111	8964	7936
55	8850	7650	6498
65	7531	6292	5227
75	6046	4725	3848
85	3915	2427	1857

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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	1920.069	1920.069	1920.069	1920.069	1920.069
0.5	1929.455	1915.897	1920.590	1919.026	1917.983
1.0	1928.934	1915.376	1920.069	1918.504	1917.461
1.5	1928.412	1914.333	1919.547	1917.461	1916.418
2.0	1927.369	1913.811	1917.983	1915.376	1915.897
2.5	1926.848	1912.768	1916.940	1914.333	1913.811
3.0	1925.284	1911.204	1915.376	1911.725	1911.204
3.5	1924.241	1909.639	1913.290	1909.639	1908.596
4.0	1921.633	1907.553	1911.204	1907.032	1905.468
4.5	1920.590	1905.468	1908.596	1903.903	1901.817
5.0	1917.983	1903.382	1905.468	1900.774	1898.688
5.5	1916.940	1900.253	1902.339	1896.602	1893.995
6.0	1912.247	1897.645	1898.688	1892.431	1889.823
6.5	1909.639	1895.038	1894.517	1887.737	1884.609
7.0	1906.510	1891.388	1890.866	1883.044	1879.915
7.5	1903.382	1887.737	1886.173	1877.829	1874.179
8.0	1899.731	1883.566	1882.001	1872.093	1867.921
8.5	1896.081	1879.915	1877.308	1865.835	1861.664
9.0	1891.909	1875.743	1871.572	1859.578	1855.406
9.5	1887.216	1870.529	1866.357	1852.799	1848.105
10.0	1883.566	1865.835	1860.099	1846.541	1841.326
10.5	1877.829	1860.621	1854.363	1839.762	1834.026
11.0	1872.615	1855.406	1847.584	1831.940	1826.725
11.5	1867.400	1849.670	1840.805	1824.118	1817.860
12.0	1861.664	1843.934	1834.026	1815.774	1809.516
12.5	1854.885	1837.154	1826.725	1807.430	1800.130
13.0	1849.148	1830.897	1818.903	1798.565	1791.265
13.5	1843.412	1824.118	1811.081	1789.700	1782.400
14.0	1836.111	1817.338	1803.259	1779.792	1771.970
14.5	1829.854	1809.516	1794.393	1770.406	1762.062
15.0	1822.553	1802.216	1785.528	1760.498	1751.633
15.5	1815.252	1794.393	1776.663	1750.068	1741.203
16.0	1807.430	1786.571	1767.277	1739.639	1729.731
16.5	1800.130	1778.749	1757.890	1728.688	1718.780
17.0	1791.786	1769.884	1747.982	1717.737	1706.786
17.5	1783.964	1761.019	1738.596	1706.264	1694.792
18.0	1775.099	1752.676	1728.166	1694.792	1682.798
18.5	1767.277	1743.289	1717.737	1682.798	1669.761
19.0	1757.890	1733.902	1706.786	1670.283	1656.724
19.5	1749.025	1724.516	1695.835	1658.289	1643.687
20.0	1739.639	1714.608	1684.362	1645.773	1630.651
20.5	1730.252	1704.700	1672.890	1632.736	1617.092
21.0	1720.344	1694.792	1661.418	1619.700	1603.012
21.5	1710.958	1683.841	1649.424	1606.141	1589.454
22.0	1700.528	1673.411	1636.908	1592.583	1575.896
22.5	1690.099	1662.460	1624.393	1579.025	1561.294
23.0	1680.191	1652.031	1612.399	1564.423	1546.693
23.5	1669.761	1640.559	1599.362	1550.343	1532.092
24.0	1658.810	1629.086	1586.325	1536.264	1516.969
24.5	1647.859	1617.614	1572.767	1521.662	1502.368
25.0	1636.387	1606.141	1559.730	1507.061	1487.245
25.5	1624.393	1593.626	1546.172	1491.938	1471.079
26.0	1612.920	1581.632	1531.570	1476.816	1455.435
26.5	1601.448	1569.117	1518.012	1461.693	1439.269

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CANDELA TABULATION - (Cont.)

27.0	1588.933	1556.601	1503.411	1446.049	1423.625
27.5	1575.896	1543.564	1489.331	1430.404	1407.981
28.0	1563.902	1531.049	1474.730	1414.239	1391.294
28.5	1551.386	1518.012	1460.650	1398.594	1375.128
29.0	1538.871	1504.975	1446.049	1382.429	1359.484
29.5	1524.270	1491.417	1430.926	1366.263	1342.797
30.0	1510.190	1477.337	1415.803	1350.097	1326.631
30.5	1497.153	1463.779	1401.202	1334.453	1309.944
31.0	1483.595	1450.220	1386.079	1318.287	1293.257
31.5	1470.558	1436.141	1370.956	1301.600	1276.569
32.0	1455.957	1422.061	1355.312	1285.434	1260.404
32.5	1442.398	1407.459	1340.189	1268.747	1243.195
33.0	1428.318	1393.380	1324.024	1252.582	1227.029
33.5	1414.239	1378.778	1309.422	1235.894	1209.299
34.0	1400.680	1364.177	1293.257	1219.729	1193.133
34.5	1386.600	1350.097	1277.612	1203.563	1176.968
35.0	1372.521	1334.975	1261.447	1186.876	1160.281
35.5	1357.919	1319.852	1245.802	1171.232	1143.072
36.0	1344.361	1305.250	1230.158	1154.544	1127.428
36.5	1329.760	1290.128	1213.992	1138.379	1110.741
37.0	1314.637	1275.005	1198.870	1122.213	1095.096
37.5	1300.036	1259.882	1183.225	1105.526	1078.409
38.0	1285.434	1244.238	1167.060	1089.360	1061.722
38.5	1270.312	1229.637	1151.416	1073.194	1045.556
39.0	1254.667	1213.992	1135.771	1057.029	1029.391
39.5	1240.066	1198.870	1119.606	1040.863	1013.225
40.0	1224.943	1183.225	1103.961	1025.740	997.581
40.5	1208.778	1168.103	1087.796	1009.574	980.893
41.0	1193.655	1152.458	1072.151	993.409	963.685
41.5	1178.532	1137.336	1056.507	977.243	947.519
42.0	1162.366	1121.691	1040.863	960.556	930.832
42.5	1145.679	1105.526	1025.219	944.912	914.666
43.0	1130.035	1089.882	1009.574	927.703	898.500
43.5	1114.912	1074.759	993.930	911.537	883.378
44.0	1098.225	1059.115	978.286	896.415	867.733
44.5	1082.581	1043.470	961.077	880.770	852.089
45.0	1066.415	1028.348	945.433	865.648	836.966
45.5	1050.249	1012.182	929.267	850.525	821.322
46.0	1034.605	997.059	914.145	835.402	806.199
46.5	1018.961	981.415	899.022	820.801	791.598
47.0	1002.795	965.771	883.899	805.678	776.475
47.5	986.630	949.083	869.298	791.077	761.874
48.0	970.985	932.918	854.697	776.475	746.751
48.5	954.820	917.795	839.574	761.874	732.150
49.0	937.611	902.151	824.973	747.273	718.070
49.5	922.488	887.549	810.893	732.672	703.990
50.0	906.844	872.427	796.291	718.592	689.911
50.5	892.243	857.304	781.690	704.512	675.831
51.0	876.599	842.703	767.089	689.911	661.751
51.5	861.476	827.580	753.009	676.352	648.193
52.0	846.874	812.457	738.408	662.273	634.634
52.5	831.752	797.856	724.328	648.714	621.598
53.0	816.629	783.255	710.248	635.156	608.561
53.5	801.506	768.653	696.690	621.598	595.002
54.0	786.905	754.052	682.089	608.561	581.965
54.5	771.782	739.972	668.530	595.002	568.929

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CANDELA TABULATION - (Cont.)

55.0	757.181	725.371	654.450	582.487	555.892
55.5	742.058	711.291	640.892	568.929	543.376
56.0	726.935	696.690	627.334	556.413	530.861
56.5	712.334	682.610	613.775	543.898	519.128
57.0	697.211	668.530	599.696	531.382	506.769
57.5	682.610	654.972	586.659	518.867	494.723
58.0	668.009	640.892	573.100	506.560	482.885
58.5	653.407	626.812	559.542	494.410	471.048
59.0	638.806	613.254	546.505	482.468	459.315
59.5	624.205	599.696	533.468	470.526	447.894
60.0	610.125	586.137	520.327	458.532	436.526
60.5	596.045	572.579	507.603	446.851	425.158
61.0	581.965	559.542	494.618	435.275	413.999
61.5	568.407	545.984	481.999	423.594	402.995
62.0	554.327	532.425	469.275	412.434	392.357
62.5	540.769	519.545	456.968	401.222	381.511
63.0	527.211	506.665	444.713	390.063	370.873
63.5	513.913	493.784	432.459	378.799	360.130
64.0	500.980	481.008	420.517	367.952	349.805
64.5	487.631	468.232	408.471	357.158	339.532
65.0	474.698	455.716	396.633	346.363	329.520
65.5	461.870	443.045	384.692	335.777	319.299
66.0	449.094	430.477	373.167	325.452	309.286
66.5	436.422	418.066	361.590	314.971	299.170
67.0	423.594	405.759	350.170	304.593	289.470
67.5	410.765	393.452	338.906	294.581	279.771
68.0	398.459	381.354	327.538	284.516	269.967
68.5	385.891	369.360	316.431	274.608	260.529
69.0	373.428	357.366	305.428	264.753	251.142
69.5	361.330	345.425	294.685	255.001	242.016
70.0	349.075	333.535	283.734	245.458	232.786
70.5	336.977	321.854	272.992	235.967	223.869
71.0	324.879	310.277	262.562	226.737	214.847
71.5	313.041	298.596	252.133	217.559	206.139
72.0	301.256	287.228	241.808	208.433	197.430
72.5	289.523	275.964	231.535	199.516	188.982
73.0	278.102	264.857	221.470	190.547	180.691
73.5	266.682	253.593	211.562	181.995	172.399
74.0	255.470	242.538	201.758	173.390	164.160
74.5	244.363	231.691	192.059	165.047	156.338
75.0	233.412	221.001	182.412	156.651	148.568
75.5	222.670	210.519	173.077	148.672	140.850
76.0	212.188	200.142	163.952	140.694	133.393
76.5	201.654	189.765	154.826	133.028	126.093
77.0	191.694	179.648	146.065	125.362	118.844
77.5	181.577	169.688	137.356	117.958	111.752
78.0	171.513	159.884	128.752	110.709	105.025
78.5	161.553	150.185	120.513	103.669	98.194
79.0	152.062	140.850	112.430	96.734	91.623
79.5	142.728	131.359	104.556	89.798	85.209
80.0	133.445	122.286	96.734	83.279	79.003
80.5	124.215	113.264	89.120	76.813	72.850
81.0	115.298	104.503	81.819	70.660	67.009
81.5	106.485	96.003	74.675	64.559	61.221
82.0	97.985	87.399	67.896	58.614	55.485
82.5	89.694	79.264	61.221	52.825	50.009

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CANDELA TABULATION - (Cont.)

83.0	81.506	71.233	54.755	47.193	44.430
83.5	73.424	63.568	48.654	41.666	39.111
84.0	65.706	56.059	42.709	36.242	33.948
84.5	58.092	48.966	37.025	31.080	28.994
85.0	50.896	42.135	31.549	26.230	24.144
85.5	43.908	35.565	26.334	21.276	18.930
86.0	37.338	29.307	21.641	16.166	13.193
86.5	30.819	23.675	17.104	10.221	8.135
87.0	24.822	18.356	12.203	6.466	5.788
87.5	19.242	13.663	7.040	4.954	4.537
88.0	14.080	9.334	4.433	3.807	3.546
88.5	9.699	5.215	3.285	2.764	2.451
89.0	6.101	2.607	2.190	1.773	1.564
89.5	3.025	1.408	1.199	0.887	0.782
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 : LRX4X-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 : LRX4X-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 : LRX4X-4-L12-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	682.02	N.A.	16.50
0-30	1398.03	N.A.	33.70
0-40	2186.76	N.A.	52.80
0-60	3504.37	N.A.	84.50
0-80	4102.27	N.A.	99.00
0-90	4145.2	N.A.	100.00
10-90	3964.88	N.A.	95.60
20-40	1504.73	N.A.	36.30
20-50	2236.14	N.A.	53.90
40-70	1714.92	N.A.	41.40
60-80	597.90	N.A.	14.40
70-80	200.60	N.A.	4.80
80-90	42.93	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	4145.2	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	180.32
10-20	501.70
20-30	716.01
30-40	788.73
40-50	731.41
50-60	586.20
60-70	397.30
70-80	200.60
80-90	42.93
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-L12-940-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	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	52	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

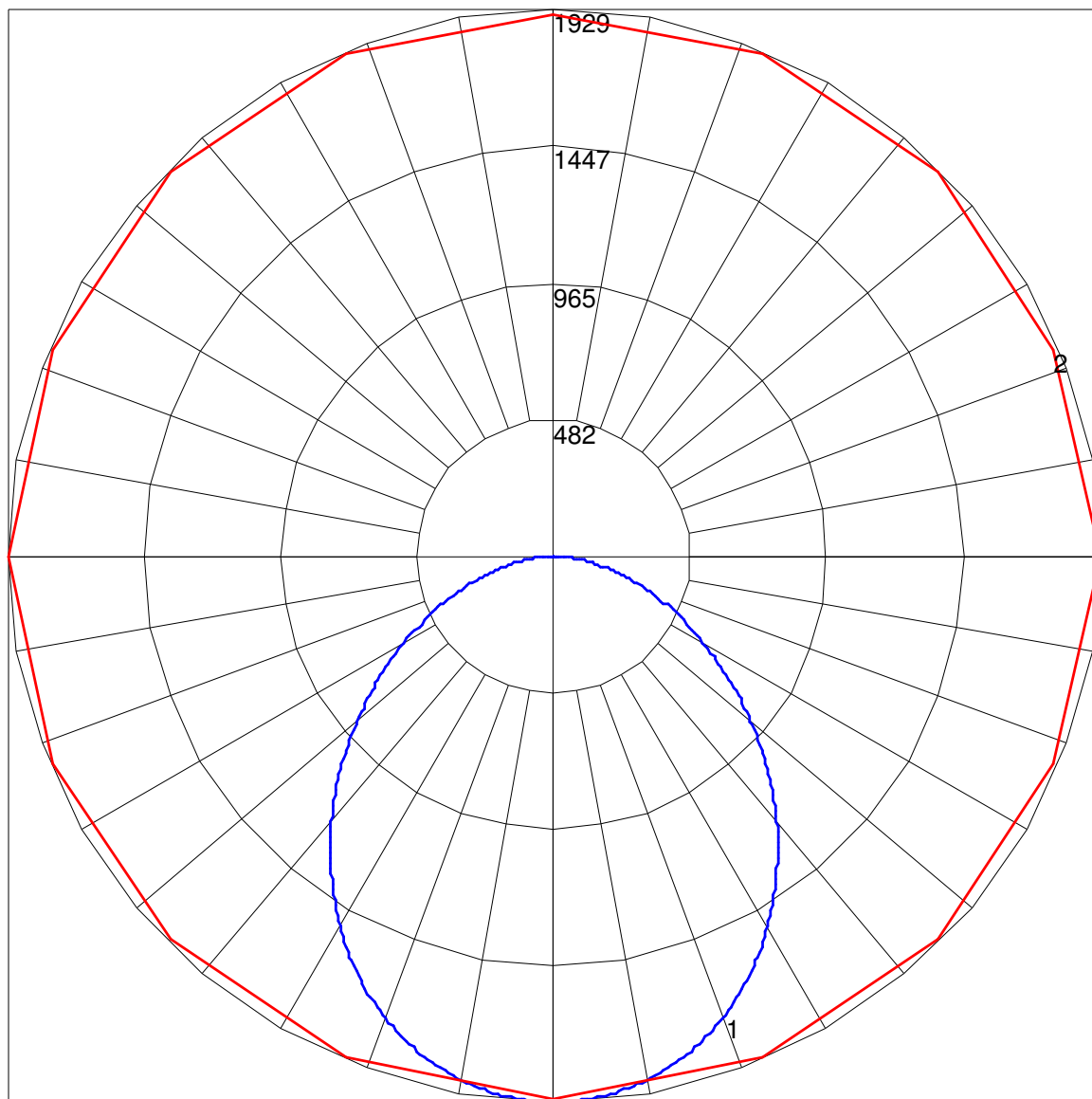
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L12-940-DMA-DIM-UNV_.IES

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					UGR Viewed Endwise				
X=2H	Y=2H	19.4	21.0	19.8	21.3	21.6	17.7	19.2	18.1	19.5	19.9
	3H	21.0	22.4	21.4	22.7	23.1	19.0	20.4	19.4	20.7	21.1
	4H	21.6	22.9	22.0	23.2	23.6	19.5	20.8	19.9	21.1	21.5
	6H	21.9	23.1	22.4	23.5	23.9	19.7	20.9	20.1	21.3	21.7
	8H	22.0	23.2	22.5	23.6	24.0	19.8	20.9	20.2	21.3	21.7
	12H	22.1	23.2	22.5	23.6	24.0	19.8	20.9	20.2	21.3	21.7
4H	2H	19.8	21.1	20.2	21.4	21.8	18.4	19.7	18.8	20.0	20.4
	3H	21.6	22.7	22.0	23.1	23.5	19.9	21.0	20.3	21.4	21.8
	4H	22.3	23.2	22.7	23.7	24.1	20.4	21.4	20.9	21.8	22.3
	6H	22.8	23.6	23.2	24.1	24.5	20.8	21.6	21.2	22.1	22.5
	8H	22.9	23.7	23.4	24.2	24.6	20.9	21.6	21.3	22.1	22.6
	12H	23.0	23.7	23.5	24.2	24.7	20.9	21.6	21.4	22.1	22.5
8H	4H	22.4	23.2	22.9	23.6	24.1	20.7	21.5	21.2	22.0	22.4
	6H	23.0	23.6	23.5	24.1	24.6	21.2	21.8	21.6	22.3	22.8
	8H	23.2	23.8	23.7	24.3	24.8	21.3	21.9	21.8	22.4	22.9
	12H	23.3	23.9	23.8	24.3	24.9	21.3	21.9	21.9	22.4	22.9
12H	4H	22.4	23.1	22.9	23.6	24.1	20.8	21.5	21.2	21.9	22.4
	6H	23.0	23.6	23.5	24.0	24.6	21.2	21.8	21.7	22.3	22.8
	8H	23.2	23.7	23.7	24.2	24.8	21.4	21.9	21.9	22.4	22.9

Maximum UGR = 24.9

POLAR GRAPH



Maximum Candela = 1929.455 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.)