

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L12-930-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-L12-930-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	3952
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
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	9641	8547	7567
55	8439	7294	6195
65	7180	5999	4984
75	5765	4505	3669
85	3733	2314	1771

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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	1830.763	1830.763	1830.763	1830.763	1830.763
0.5	1839.713	1826.786	1831.261	1829.769	1828.774
1.0	1839.216	1826.288	1830.763	1829.272	1828.277
1.5	1838.719	1825.294	1830.266	1828.277	1827.283
2.0	1837.724	1824.797	1828.774	1826.288	1826.786
2.5	1837.227	1823.802	1827.780	1825.294	1824.797
3.0	1835.736	1822.311	1826.288	1822.808	1822.311
3.5	1834.741	1820.819	1824.299	1820.819	1819.824
4.0	1832.255	1818.830	1822.311	1818.333	1816.841
4.5	1831.261	1816.841	1819.824	1815.349	1813.361
5.0	1828.774	1814.852	1816.841	1812.366	1810.377
5.5	1827.780	1811.869	1813.858	1808.388	1805.902
6.0	1823.305	1809.383	1810.377	1804.411	1801.925
6.5	1820.819	1806.897	1806.400	1799.936	1796.952
7.0	1817.836	1803.416	1802.919	1795.461	1792.477
7.5	1814.852	1799.936	1798.444	1790.489	1787.008
8.0	1811.372	1795.958	1794.466	1785.019	1781.041
8.5	1807.891	1792.477	1789.991	1779.052	1775.075
9.0	1803.913	1788.500	1784.522	1773.086	1769.108
9.5	1799.438	1783.527	1779.550	1766.622	1762.147
10.0	1795.958	1779.052	1773.583	1760.655	1755.683
10.5	1790.489	1774.080	1768.114	1754.191	1748.722
11.0	1785.516	1769.108	1761.650	1746.733	1741.761
11.5	1780.544	1763.639	1755.186	1739.275	1733.308
12.0	1775.075	1758.169	1748.722	1731.319	1725.353
12.5	1768.611	1751.705	1741.761	1723.364	1716.403
13.0	1763.141	1745.739	1734.303	1714.911	1707.950
13.5	1757.672	1739.275	1726.844	1706.458	1699.497
14.0	1750.711	1732.811	1719.386	1697.011	1689.553
14.5	1744.744	1725.353	1710.933	1688.061	1680.106
15.0	1737.783	1718.392	1702.481	1678.614	1670.161
15.5	1730.822	1710.933	1694.028	1668.670	1660.217
16.0	1723.364	1703.475	1685.078	1658.725	1649.278
16.5	1716.403	1696.017	1676.128	1648.284	1638.836
17.0	1708.447	1687.564	1666.681	1637.842	1627.400
17.5	1700.989	1679.111	1657.731	1626.903	1615.964
18.0	1692.536	1671.156	1647.786	1615.964	1604.528
18.5	1685.078	1662.206	1637.842	1604.528	1592.098
19.0	1676.128	1653.256	1627.400	1592.595	1579.667
19.5	1667.675	1644.306	1616.959	1581.159	1567.237
20.0	1658.725	1634.859	1606.020	1569.226	1554.806
20.5	1649.775	1625.412	1595.081	1556.795	1541.879
21.0	1640.328	1615.964	1584.142	1544.365	1528.454
21.5	1631.378	1605.523	1572.706	1531.437	1515.526
22.0	1621.434	1595.578	1560.773	1518.509	1502.598
22.5	1611.489	1585.137	1548.840	1505.582	1488.676
23.0	1602.042	1575.192	1537.404	1491.659	1474.754
23.5	1592.098	1564.253	1524.973	1478.234	1460.832
24.0	1581.656	1553.315	1512.543	1464.810	1446.412
24.5	1571.215	1542.376	1499.615	1450.887	1432.490
25.0	1560.276	1531.437	1487.184	1436.965	1418.071
25.5	1548.840	1519.504	1474.257	1422.546	1402.657
26.0	1537.901	1508.068	1460.335	1408.126	1387.740
26.5	1526.962	1496.134	1447.407	1393.707	1372.327

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CANDELA TABULATION - (Cont.)

27.0	1515.029	1484.201	1433.485	1378.791	1357.410
27.5	1502.598	1471.771	1420.060	1363.874	1342.493
28.0	1491.162	1459.837	1406.138	1348.460	1326.582
28.5	1479.229	1447.407	1392.713	1333.544	1311.169
29.0	1467.296	1434.976	1378.791	1318.130	1296.252
29.5	1453.373	1422.049	1364.371	1302.716	1280.341
30.0	1439.949	1408.624	1349.952	1287.302	1264.927
30.5	1427.518	1395.696	1336.030	1272.385	1249.016
31.0	1414.590	1382.768	1321.610	1256.972	1233.105
31.5	1402.160	1369.343	1307.191	1241.061	1217.194
32.0	1388.238	1355.918	1292.274	1225.647	1201.780
32.5	1375.310	1341.996	1277.855	1209.736	1185.372
33.0	1361.885	1328.571	1262.441	1194.322	1169.958
33.5	1348.460	1314.649	1248.519	1178.411	1153.053
34.0	1335.532	1300.727	1233.105	1162.997	1137.639
34.5	1322.107	1287.302	1218.189	1147.583	1122.225
35.0	1308.683	1272.883	1202.775	1131.672	1106.314
35.5	1294.760	1258.463	1187.858	1116.756	1089.906
36.0	1281.833	1244.541	1172.942	1100.845	1074.989
36.5	1267.910	1230.122	1157.528	1085.431	1059.078
37.0	1253.491	1215.702	1143.108	1070.017	1044.162
37.5	1239.569	1201.283	1128.192	1054.106	1028.251
38.0	1225.647	1186.366	1112.778	1038.692	1012.340
38.5	1211.227	1172.444	1097.861	1023.278	996.926
39.0	1196.311	1157.528	1082.945	1007.865	981.512
39.5	1182.389	1143.108	1067.531	992.451	966.098
40.0	1167.969	1128.192	1052.614	978.031	951.181
40.5	1152.555	1113.772	1037.201	962.618	935.270
41.0	1138.136	1098.856	1022.284	947.204	918.862
41.5	1123.717	1084.436	1007.367	931.790	903.448
42.0	1108.303	1069.520	992.451	915.879	887.537
42.5	1092.392	1054.106	977.534	900.962	872.124
43.0	1077.475	1039.189	962.618	884.554	856.710
43.5	1063.056	1024.770	947.701	869.140	842.290
44.0	1047.145	1009.853	932.784	854.721	827.374
44.5	1032.228	994.937	916.376	839.804	812.457
45.0	1016.814	980.517	901.459	825.385	798.038
45.5	1001.401	965.104	886.046	810.965	783.121
46.0	986.484	950.684	871.626	796.546	768.702
46.5	971.567	935.768	857.207	782.624	754.780
47.0	956.154	920.851	842.788	768.205	740.360
47.5	940.740	904.940	828.865	754.282	726.438
48.0	925.823	889.526	814.943	740.360	712.019
48.5	910.409	875.107	800.524	726.438	698.097
49.0	894.001	860.190	786.602	712.516	684.672
49.5	879.582	846.268	773.177	698.594	671.247
50.0	864.665	831.849	759.255	685.169	657.822
50.5	850.743	817.429	745.332	671.744	644.397
51.0	835.826	803.507	731.410	657.822	630.972
51.5	821.407	789.088	717.985	644.894	618.044
52.0	807.485	774.668	704.063	631.469	605.116
52.5	793.066	760.746	690.638	618.541	592.686
53.0	778.646	746.824	677.213	605.614	580.256
53.5	764.227	732.902	664.286	592.686	567.328
54.0	750.305	718.980	650.363	580.256	554.897
54.5	735.885	705.555	637.436	567.328	542.467

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55.0	721.963	691.633	624.011	555.395	530.036
55.5	707.544	678.208	611.083	542.467	518.103
56.0	693.124	664.286	598.155	530.534	506.170
56.5	679.202	650.861	585.228	518.600	494.982
57.0	664.783	637.436	571.803	506.667	483.198
57.5	650.861	624.508	559.372	494.734	471.712
58.0	636.939	611.083	546.445	482.999	460.426
58.5	623.016	597.658	533.517	471.414	449.139
59.0	609.094	584.730	521.086	460.028	437.951
59.5	595.172	571.803	508.656	448.641	427.062
60.0	581.747	558.875	496.126	437.205	416.223
60.5	568.322	545.947	483.994	426.068	405.383
61.0	554.897	533.517	471.613	415.029	394.743
61.5	541.970	520.589	459.580	403.892	384.251
62.0	528.545	507.661	447.448	393.251	374.108
62.5	515.617	495.380	435.714	382.561	363.766
63.0	502.689	483.099	424.029	371.920	353.623
63.5	490.010	470.817	412.344	361.180	343.380
64.0	477.679	458.636	400.958	350.838	333.535
64.5	464.950	446.454	389.472	340.546	323.740
65.0	452.619	434.520	378.185	330.253	314.193
65.5	440.388	422.438	366.799	320.160	304.448
66.0	428.206	410.455	355.810	310.315	294.901
66.5	416.123	398.621	344.772	300.321	285.255
67.0	403.892	386.887	333.883	290.426	276.007
67.5	391.660	375.152	323.143	280.879	266.758
68.0	379.926	363.617	312.304	271.283	257.411
68.5	367.943	352.181	301.713	261.836	248.411
69.0	356.059	340.745	291.222	252.438	239.461
69.5	344.524	329.358	280.979	243.140	230.760
70.0	332.839	318.022	270.537	234.041	221.959
70.5	321.303	306.884	260.295	224.992	213.456
71.0	309.768	295.846	250.350	216.191	204.855
71.5	298.481	284.708	240.406	207.440	196.551
72.0	287.244	273.869	230.561	198.739	188.247
72.5	276.056	263.129	220.766	190.236	180.192
73.0	265.167	252.538	211.169	181.684	172.287
73.5	254.278	241.798	201.722	173.530	164.381
74.0	243.588	231.257	192.374	165.326	156.525
74.5	232.997	220.915	183.126	157.370	149.066
75.0	222.556	210.722	173.927	149.365	141.658
75.5	212.313	200.728	165.027	141.757	134.299
76.0	202.319	190.833	156.326	134.150	127.189
76.5	192.275	180.938	147.625	126.841	120.228
77.0	182.778	171.292	139.271	119.532	113.316
77.5	173.132	161.795	130.968	112.471	106.554
78.0	163.536	152.448	122.764	105.560	100.140
78.5	154.039	143.199	114.907	98.847	93.626
79.0	144.989	134.299	107.201	92.234	87.362
79.5	136.089	125.250	99.693	85.621	81.246
80.0	127.239	116.598	92.234	79.406	75.329
80.5	118.438	107.996	84.975	73.240	69.462
81.0	109.935	99.643	78.014	67.373	63.893
81.5	101.532	91.538	71.202	61.556	58.374
82.0	93.428	83.334	64.738	55.888	52.904
82.5	85.522	75.577	58.374	50.368	47.683

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CANDELA TABULATION - (Cont.)

83.0	77.715	67.920	52.208	44.998	42.363
83.5	70.009	60.611	46.391	39.728	37.291
84.0	62.650	53.451	40.722	34.557	32.369
84.5	55.390	46.689	35.303	29.634	27.645
85.0	48.529	40.175	30.082	25.010	23.021
85.5	41.866	33.910	25.110	20.287	18.049
86.0	35.601	27.944	20.635	15.414	12.580
86.5	29.386	22.574	16.309	9.746	7.757
87.0	23.668	17.502	11.635	6.166	5.519
87.5	18.347	13.027	6.712	4.724	4.326
88.0	13.425	8.900	4.226	3.630	3.381
88.5	9.248	4.972	3.132	2.635	2.337
89.0	5.817	2.486	2.088	1.691	1.492
89.5	2.884	1.342	1.144	0.845	0.746
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-L12-930-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 : LRX4X-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 : LRX4X-4-L12-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	650.30	N.A.	16.50
0-30	1333.01	N.A.	33.70
0-40	2085.05	N.A.	52.80
0-60	3341.37	N.A.	84.50
0-80	3911.47	N.A.	99.00
0-90	3952.4	N.A.	100.00
10-90	3780.47	N.A.	95.60
20-40	1434.74	N.A.	36.30
20-50	2132.14	N.A.	53.90
40-70	1635.15	N.A.	41.40
60-80	570.09	N.A.	14.40
70-80	191.27	N.A.	4.80
80-90	40.93	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	3952.4	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	171.94
10-20	478.37
20-30	682.70
30-40	752.04
40-50	697.39
50-60	558.94
60-70	378.82
70-80	191.27
80-90	40.93
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-L12-930-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	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-L12-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

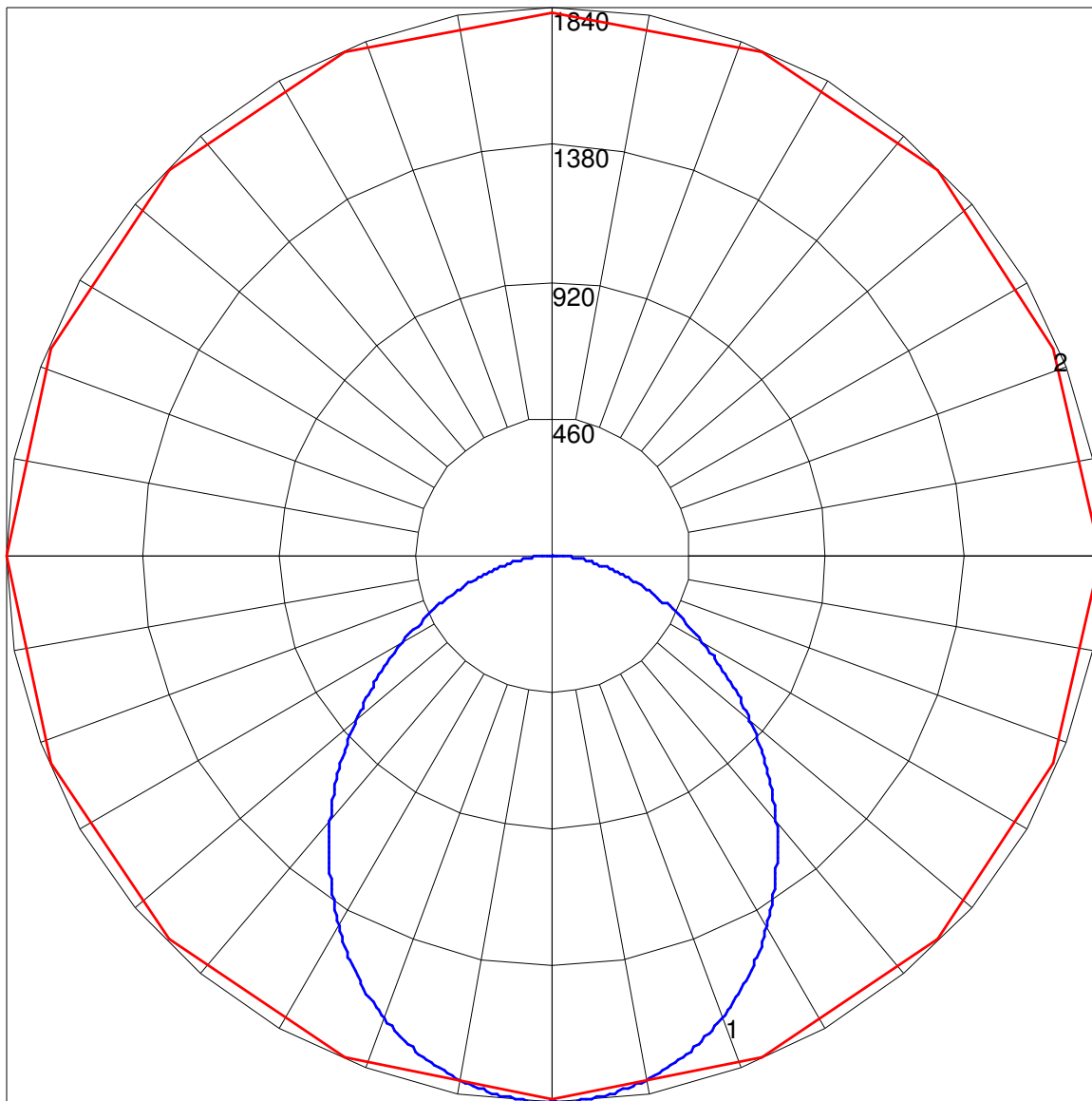
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	19.3	20.9	19.7	21.2	21.5	17.6	19.1	18.0	19.4	19.8
	3H	20.9	22.3	21.3	22.6	23.0	18.9	20.3	19.3	20.6	21.0
	4H	21.5	22.8	21.9	23.1	23.5	19.4	20.7	19.8	21.0	21.4
	6H	21.8	23.0	22.3	23.4	23.8	19.6	20.8	20.0	21.2	21.6
	8H	21.9	23.1	22.4	23.5	23.9	19.7	20.8	20.1	21.2	21.6
	12H	22.0	23.1	22.4	23.5	23.9	19.7	20.8	20.1	21.2	21.6
4H	2H	19.7	21.0	20.1	21.3	21.7	18.3	19.6	18.7	19.9	20.3
	3H	21.5	22.6	21.9	23.0	23.4	19.8	20.9	20.2	21.3	21.7
	4H	22.2	23.1	22.6	23.6	24.0	20.3	21.3	20.8	21.7	22.2
	6H	22.7	23.5	23.1	24.0	24.4	20.7	21.5	21.1	22.0	22.4
	8H	22.8	23.6	23.3	24.1	24.5	20.8	21.5	21.2	22.0	22.5
	12H	22.9	23.6	23.4	24.1	24.6	20.8	21.5	21.3	22.0	22.4
8H	4H	22.3	23.1	22.8	23.5	24.0	20.6	21.4	21.1	21.9	22.3
	6H	22.9	23.5	23.4	24.0	24.5	21.1	21.7	21.5	22.2	22.7
	8H	23.1	23.7	23.6	24.2	24.7	21.2	21.8	21.7	22.3	22.8
	12H	23.2	23.8	23.7	24.2	24.8	21.2	21.8	21.8	22.3	22.8
12H	4H	22.3	23.0	22.8	23.5	24.0	20.7	21.4	21.1	21.8	22.3
	6H	22.9	23.5	23.4	24.0	24.5	21.1	21.7	21.6	22.2	22.7
	8H	23.1	23.6	23.6	24.1	24.7	21.3	21.8	21.8	22.3	22.8

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 1839.713 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.)