

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L8-840-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-L8-840-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	3374
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	26
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	8231	7297	6460
55	7204	6227	5289
65	6130	5122	4255
75	4922	3846	3133
85	3187	1976	1512

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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	1562.976	1562.976	1562.976	1562.976	1562.976
0.5	1570.617	1559.580	1563.401	1562.127	1561.278
1.0	1570.193	1559.156	1562.976	1561.703	1560.854
1.5	1569.768	1558.307	1562.552	1560.854	1560.005
2.0	1568.919	1557.882	1561.278	1559.156	1559.580
2.5	1568.495	1557.033	1560.429	1558.307	1557.882
3.0	1567.221	1555.760	1559.156	1556.184	1555.760
3.5	1566.372	1554.486	1557.458	1554.486	1553.637
4.0	1564.250	1552.788	1555.760	1552.364	1551.091
4.5	1563.401	1551.091	1553.637	1549.817	1548.119
5.0	1561.278	1549.393	1551.091	1547.270	1545.572
5.5	1560.429	1546.846	1548.544	1543.874	1541.752
6.0	1556.609	1544.723	1545.572	1540.478	1538.356
6.5	1554.486	1542.601	1542.176	1536.658	1534.111
7.0	1551.939	1539.629	1539.205	1532.837	1530.290
7.5	1549.393	1536.658	1535.384	1528.592	1525.621
8.0	1546.421	1533.262	1531.988	1523.923	1520.527
8.5	1543.450	1530.290	1528.168	1518.829	1515.433
9.0	1540.054	1526.895	1523.499	1513.735	1510.339
9.5	1536.233	1522.650	1519.254	1508.217	1504.396
10.0	1533.262	1518.829	1514.160	1503.123	1498.878
10.5	1528.592	1514.584	1509.490	1497.605	1492.935
11.0	1524.348	1510.339	1503.972	1491.237	1486.992
11.5	1520.103	1505.670	1498.454	1484.870	1479.776
12.0	1515.433	1501.001	1492.935	1478.078	1472.984
12.5	1509.915	1495.482	1486.992	1471.286	1465.343
13.0	1505.245	1490.388	1480.625	1464.070	1458.127
13.5	1500.576	1484.870	1474.258	1456.853	1450.911
14.0	1494.633	1479.352	1467.890	1448.788	1442.421
14.5	1489.539	1472.984	1460.674	1441.147	1434.355
15.0	1483.596	1467.041	1453.458	1433.082	1425.866
15.5	1477.654	1460.674	1446.241	1424.592	1417.376
16.0	1471.286	1454.307	1438.600	1416.102	1408.037
16.5	1465.343	1447.939	1430.960	1407.188	1399.123
17.0	1458.551	1440.723	1422.894	1398.274	1389.359
17.5	1452.184	1433.506	1415.253	1388.935	1379.596
18.0	1444.968	1426.715	1406.764	1379.596	1369.833
18.5	1438.600	1419.074	1398.274	1369.833	1359.221
19.0	1430.960	1411.433	1389.359	1359.645	1348.608
19.5	1423.743	1403.792	1380.445	1349.882	1337.996
20.0	1416.102	1395.727	1371.106	1339.694	1327.384
20.5	1408.461	1387.661	1361.767	1329.082	1316.347
21.0	1400.396	1379.596	1352.429	1318.469	1304.886
21.5	1392.755	1370.682	1342.665	1307.433	1293.849
22.0	1384.266	1362.192	1332.478	1296.396	1282.812
22.5	1375.776	1353.278	1322.290	1285.359	1270.926
23.0	1367.710	1344.788	1312.527	1273.473	1259.041
23.5	1359.221	1335.449	1301.914	1262.012	1247.155
24.0	1350.306	1326.110	1291.302	1250.551	1234.845
24.5	1341.392	1316.771	1280.265	1238.665	1222.959
25.0	1332.053	1307.433	1269.653	1226.779	1210.649
25.5	1322.290	1297.245	1258.616	1214.469	1197.489
26.0	1312.951	1287.482	1246.730	1202.159	1184.755
26.5	1303.612	1277.294	1235.694	1189.849	1171.595

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CANDELA TABULATION - (Cont.)

27.0	1293.424	1267.106	1223.808	1177.114	1158.861
27.5	1282.812	1256.494	1212.347	1164.379	1146.126
28.0	1273.049	1246.306	1200.461	1151.220	1132.542
28.5	1262.861	1235.694	1189.000	1138.485	1119.383
29.0	1252.673	1225.081	1177.114	1125.326	1106.648
29.5	1240.788	1214.045	1164.804	1112.167	1093.065
30.0	1229.326	1202.583	1152.493	1099.007	1079.905
30.5	1218.714	1191.547	1140.608	1086.273	1066.322
31.0	1207.677	1180.510	1128.297	1073.114	1052.738
31.5	1197.065	1169.049	1115.987	1059.530	1039.154
32.0	1185.179	1157.587	1103.252	1046.371	1025.995
32.5	1174.142	1145.701	1090.942	1032.787	1011.987
33.0	1162.681	1134.240	1077.783	1019.628	998.828
33.5	1151.220	1122.354	1065.897	1006.044	984.395
34.0	1140.183	1110.469	1052.738	992.885	971.236
34.5	1128.722	1099.007	1040.003	979.725	958.076
35.0	1117.261	1086.697	1026.844	966.142	944.493
35.5	1105.375	1074.387	1014.109	953.407	930.485
36.0	1094.338	1062.501	1001.375	939.823	917.750
36.5	1082.452	1050.191	988.215	926.664	904.166
37.0	1070.142	1037.881	975.905	913.505	891.431
37.5	1058.256	1025.571	963.170	899.921	877.848
38.0	1046.371	1012.836	950.011	886.762	864.264
38.5	1034.060	1000.950	937.276	873.603	851.105
39.0	1021.326	988.215	924.542	860.443	837.945
39.5	1009.440	975.905	911.382	847.284	824.786
40.0	997.130	963.170	898.648	834.974	812.051
40.5	983.970	950.860	885.488	821.815	798.468
41.0	971.660	938.125	872.754	808.656	784.460
41.5	959.350	925.815	860.019	795.496	771.300
42.0	946.191	913.080	847.284	781.913	757.717
42.5	932.607	899.921	834.550	769.178	744.557
43.0	919.872	887.186	821.815	755.170	731.398
43.5	907.562	874.876	809.080	742.010	719.088
44.0	893.978	862.141	796.345	729.700	706.353
44.5	881.244	849.407	782.337	716.965	693.618
45.0	868.084	837.096	769.602	704.655	681.308
45.5	854.925	823.937	756.443	692.345	668.573
46.0	842.190	811.627	744.133	680.035	656.263
46.5	829.456	798.892	731.823	668.149	644.378
47.0	816.296	786.158	719.512	655.839	632.067
47.5	803.137	772.574	707.627	643.953	620.182
48.0	790.402	759.415	695.741	632.067	607.871
48.5	777.243	747.104	683.431	620.182	595.986
49.0	763.235	734.370	671.545	608.296	584.524
49.5	750.925	722.484	660.084	596.410	573.063
50.0	738.190	710.174	648.198	584.949	561.602
50.5	726.304	697.863	636.312	573.487	550.140
51.0	713.570	685.978	624.426	561.602	538.679
51.5	701.259	673.667	612.965	550.565	527.642
52.0	689.374	661.357	601.079	539.104	516.606
52.5	677.063	649.471	589.618	528.067	505.993
53.0	664.753	637.586	578.157	517.030	495.381
53.5	652.443	625.700	567.120	505.993	484.344
54.0	640.557	613.814	555.234	495.381	473.732
54.5	628.247	602.353	544.198	484.344	463.120

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CANDELA TABULATION - (Cont.)

55.0	616.361	590.467	532.736	474.157	452.508
55.5	604.051	579.006	521.700	463.120	442.320
56.0	591.741	567.120	510.663	452.932	432.132
56.5	579.855	555.659	499.626	442.744	422.581
57.0	567.545	544.198	488.165	432.556	412.520
57.5	555.659	533.161	477.552	422.369	402.715
58.0	543.773	521.700	466.516	412.351	393.079
58.5	531.887	510.238	455.479	402.460	383.443
59.0	520.002	499.202	444.867	392.739	373.892
59.5	508.116	488.165	434.254	383.018	364.595
60.0	496.655	477.128	423.557	373.255	355.342
60.5	485.193	466.091	413.200	363.746	346.088
61.0	473.732	455.479	402.630	354.323	337.003
61.5	462.695	444.442	392.357	344.814	328.047
62.0	451.234	433.405	382.000	335.730	319.387
62.5	440.197	422.920	371.982	326.603	310.558
63.0	429.161	412.436	362.006	317.519	301.898
63.5	418.336	401.951	352.030	308.350	293.154
64.0	407.809	391.551	342.310	299.521	284.749
64.5	396.942	381.151	332.504	290.734	276.386
65.0	386.414	370.963	322.868	281.947	268.236
65.5	375.972	360.648	313.147	273.330	259.916
66.0	365.572	350.417	303.766	264.925	251.766
66.5	355.257	340.315	294.342	256.393	243.531
67.0	344.814	330.297	285.046	247.945	235.635
67.5	334.372	320.279	275.877	239.795	227.739
68.0	324.354	310.430	266.623	231.602	219.759
68.5	314.123	300.667	257.581	223.537	212.076
69.0	303.978	290.904	248.624	215.514	204.435
69.5	294.130	281.183	239.880	207.576	197.006
70.0	284.154	271.505	230.966	199.808	189.493
70.5	274.306	261.996	222.221	192.082	182.234
71.0	264.458	252.572	213.731	184.569	174.890
71.5	254.822	243.064	205.241	177.098	167.801
72.0	245.229	233.810	196.837	169.669	160.712
72.5	235.677	224.641	188.474	162.410	153.836
73.0	226.381	215.599	180.281	155.109	147.086
73.5	217.085	206.430	172.216	148.147	140.337
74.0	207.958	197.431	164.236	141.143	133.630
74.5	198.917	188.601	156.340	134.351	127.262
75.0	190.002	179.899	148.487	127.517	120.938
75.5	181.258	171.367	140.889	121.022	114.655
76.0	172.725	162.920	133.460	114.528	108.585
76.5	164.151	154.472	126.031	108.288	102.642
77.0	156.043	146.237	118.900	102.048	96.742
77.5	147.808	138.129	111.811	96.020	90.968
78.0	139.615	130.149	104.807	90.119	85.493
78.5	131.507	122.253	98.100	84.389	79.932
79.0	123.782	114.655	91.520	78.743	74.583
79.5	116.183	106.929	85.110	73.097	69.362
80.0	108.627	99.543	78.743	67.791	64.310
80.5	101.114	92.199	72.546	62.528	59.301
81.0	93.855	85.068	66.603	57.519	54.547
81.5	86.681	78.149	60.787	52.552	49.835
82.0	79.762	71.145	55.269	47.713	45.166
82.5	73.012	64.523	49.835	43.001	40.709

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CANDELA TABULATION - (Cont.)

83.0	66.348	57.985	44.572	38.416	36.167
83.5	59.768	51.745	39.605	33.917	31.837
84.0	53.486	45.633	34.766	29.502	27.634
84.5	47.288	39.860	30.139	25.300	23.602
85.0	41.430	34.299	25.682	21.352	19.654
85.5	35.742	28.950	21.437	17.319	15.409
86.0	30.394	23.856	17.616	13.159	10.740
86.5	25.087	19.272	13.923	8.320	6.622
87.0	20.206	14.942	9.933	5.264	4.712
87.5	15.664	11.122	5.731	4.033	3.693
88.0	11.461	7.598	3.608	3.099	2.887
88.5	7.896	4.245	2.674	2.250	1.995
89.0	4.967	2.122	1.783	1.443	1.273
89.5	2.462	1.146	0.976	0.722	0.637
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-L8-840-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-L8-840-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-L8-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	555.18	N.A.	16.50
0-30	1138.03	N.A.	33.70
0-40	1780.07	N.A.	52.80
0-60	2852.63	N.A.	84.50
0-80	3339.34	N.A.	99.00
0-90	3374.28	N.A.	100.00
10-90	3227.5	N.A.	95.60
20-40	1224.88	N.A.	36.30
20-50	1820.27	N.A.	53.90
40-70	1395.98	N.A.	41.40
60-80	486.71	N.A.	14.40
70-80	163.29	N.A.	4.80
80-90	34.95	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	3374.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	146.79
10-20	408.40
20-30	582.84
30-40	642.04
40-50	595.38
50-60	477.18
60-70	323.41
70-80	163.29
80-90	34.95
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-L8-840-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-L8-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

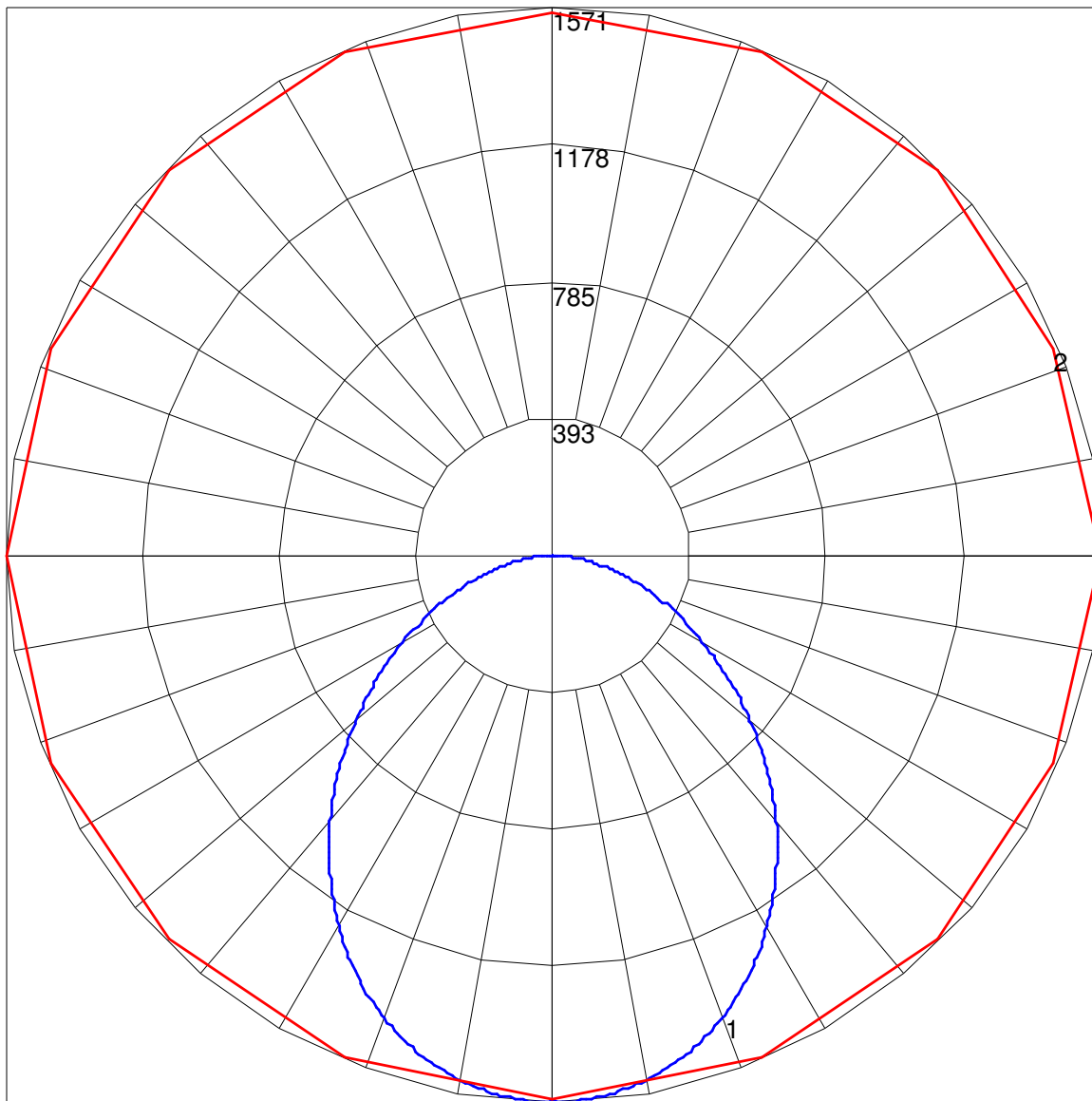
Reflectances

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	18.7	20.3	19.1	20.6	20.9	17.0	18.5	17.4	18.8	19.2
	3H	20.3	21.7	20.7	22.0	22.4	18.3	19.7	18.7	20.0	20.4
	4H	20.9	22.2	21.3	22.5	22.9	18.8	20.1	19.2	20.4	20.8
	6H	21.2	22.4	21.7	22.8	23.2	19.0	20.2	19.4	20.6	21.0
	8H	21.3	22.5	21.8	22.9	23.3	19.1	20.2	19.5	20.6	21.0
	12H	21.4	22.5	21.8	22.9	23.3	19.1	20.2	19.5	20.6	21.0
4H	2H	19.1	20.4	19.5	20.7	21.1	17.7	19.0	18.1	19.3	19.7
	3H	20.9	22.0	21.3	22.4	22.8	19.2	20.3	19.6	20.7	21.1
	4H	21.6	22.5	22.0	23.0	23.4	19.7	20.7	20.2	21.1	21.6
	6H	22.1	22.9	22.5	23.4	23.8	20.1	20.9	20.5	21.4	21.8
	8H	22.2	23.0	22.7	23.5	23.9	20.2	20.9	20.6	21.4	21.9
	12H	22.3	23.0	22.8	23.5	24.0	20.2	20.9	20.7	21.4	21.8
8H	4H	21.7	22.5	22.2	22.9	23.4	20.0	20.8	20.5	21.3	21.7
	6H	22.3	22.9	22.8	23.4	23.9	20.5	21.1	20.9	21.6	22.1
	8H	22.5	23.1	23.0	23.6	24.1	20.6	21.2	21.1	21.7	22.2
	12H	22.6	23.2	23.1	23.6	24.2	20.6	21.2	21.2	21.7	22.2
12H	4H	21.7	22.4	22.2	22.9	23.4	20.1	20.8	20.5	21.2	21.7
	6H	22.3	22.9	22.8	23.3	23.9	20.5	21.1	21.0	21.6	22.1
	8H	22.5	23.0	23.0	23.5	24.1	20.7	21.2	21.2	21.7	22.2

Maximum UGR = 24.2

POLAR GRAPH



Maximum Candela = 1570.617 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.)