

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L8-830-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-L8-830-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	3196
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	30.8
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	13649	11817	10308
55	12062	10117	8371
65	10347	8142	6572
75	8301	5805	4509
85	5465	1730	937

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L8-830-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	1519.921	1519.921	1519.921	1519.921	1519.921
0.5	1522.290	1517.552	1521.343	1520.395	1516.131
1.0	1521.343	1517.079	1521.343	1519.921	1515.657
1.5	1520.869	1516.131	1519.921	1518.500	1514.236
2.0	1520.395	1515.657	1519.447	1517.552	1512.814
2.5	1519.447	1514.710	1518.026	1515.657	1511.393
3.0	1518.500	1513.762	1516.605	1513.762	1509.024
3.5	1517.079	1512.341	1514.236	1510.919	1506.655
4.0	1515.657	1510.445	1512.341	1508.550	1503.339
4.5	1514.236	1508.550	1509.498	1505.234	1499.548
5.0	1513.288	1506.655	1507.129	1501.443	1496.232
5.5	1510.445	1504.286	1503.812	1498.127	1492.441
6.0	1508.550	1501.917	1500.496	1493.863	1488.177
6.5	1506.181	1499.074	1497.179	1489.125	1483.439
7.0	1503.339	1495.758	1493.389	1484.861	1477.754
7.5	1500.496	1492.915	1489.125	1479.175	1472.068
8.0	1497.653	1489.599	1484.861	1473.964	1465.909
8.5	1494.337	1485.808	1480.123	1468.278	1460.697
9.0	1490.546	1482.018	1475.385	1462.119	1454.538
9.5	1487.230	1478.701	1470.173	1455.959	1447.431
10.0	1483.439	1474.437	1464.962	1449.326	1440.324
10.5	1480.123	1470.173	1459.276	1442.220	1432.744
11.0	1475.859	1465.435	1453.117	1435.113	1424.215
11.5	1472.068	1461.171	1446.957	1427.532	1417.109
12.0	1469.226	1456.907	1440.324	1419.951	1409.054
12.5	1463.066	1452.169	1433.691	1411.423	1401.000
13.0	1457.381	1446.484	1427.058	1403.369	1391.998
13.5	1452.643	1439.851	1419.951	1395.314	1382.996
14.0	1446.957	1433.691	1412.371	1386.312	1373.994
14.5	1441.272	1427.058	1404.790	1377.310	1364.518
15.0	1435.586	1420.899	1397.683	1368.308	1354.568
15.5	1429.901	1414.740	1390.103	1358.359	1344.619
16.0	1423.742	1408.107	1382.522	1348.883	1335.143
16.5	1418.056	1401.000	1373.994	1339.407	1324.719
17.0	1410.949	1393.893	1364.518	1328.984	1313.822
17.5	1404.316	1386.786	1355.516	1319.034	1303.399
18.0	1398.157	1379.205	1346.514	1308.611	1292.028
18.5	1390.576	1371.625	1337.038	1297.713	1281.131
19.0	1383.469	1364.044	1327.562	1287.764	1270.233
19.5	1376.836	1355.990	1318.086	1276.393	1257.915
20.0	1368.782	1347.935	1308.611	1265.022	1246.544
20.5	1361.675	1340.354	1299.135	1254.125	1235.173
21.0	1354.094	1331.826	1288.711	1243.227	1223.328
21.5	1346.040	1323.298	1278.288	1231.856	1211.483
22.0	1337.986	1314.770	1268.338	1220.012	1199.639
22.5	1329.931	1305.768	1258.389	1208.167	1187.794
23.0	1321.403	1297.240	1247.491	1196.322	1175.475
23.5	1313.348	1288.237	1236.594	1184.951	1163.157
24.0	1303.873	1278.762	1225.697	1172.633	1151.312
24.5	1295.344	1269.286	1214.326	1160.788	1138.993
25.0	1286.342	1259.810	1203.903	1148.469	1126.675
25.5	1277.340	1250.334	1192.532	1136.151	1113.882
26.0	1268.338	1239.911	1181.161	1124.306	1101.564
26.5	1258.862	1230.435	1169.790	1111.987	1088.772

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1248.913	1220.012	1158.419	1099.669	1076.453
27.5	1238.963	1210.062	1146.574	1087.350	1063.661
28.0	1228.066	1199.639	1135.203	1075.032	1050.868
28.5	1217.169	1189.215	1123.832	1063.187	1038.076
29.0	1207.219	1178.792	1111.513	1050.394	1025.284
29.5	1197.270	1167.895	1099.669	1037.602	1012.017
30.0	1186.372	1156.997	1088.298	1025.284	1000.173
30.5	1176.423	1146.574	1076.453	1012.491	987.380
31.0	1165.526	1135.677	1064.608	999.699	975.062
31.5	1155.576	1124.306	1052.290	987.380	962.743
32.0	1144.679	1112.935	1040.445	974.588	949.951
32.5	1133.782	1101.564	1028.126	961.322	937.158
33.0	1123.358	1090.193	1016.282	949.003	924.840
33.5	1112.461	1079.296	1004.437	937.158	912.521
34.0	1101.090	1067.451	992.118	924.366	899.729
34.5	1090.193	1056.080	980.273	912.048	887.884
35.0	1078.822	1044.709	967.955	899.729	874.618
35.5	1068.399	1032.864	955.636	887.410	861.826
36.0	1057.028	1021.493	943.792	874.618	848.086
36.5	1045.657	1009.648	931.473	861.826	836.241
37.0	1034.759	997.804	919.154	848.560	823.922
37.5	1022.915	985.959	907.783	836.241	812.078
38.0	1010.596	974.588	895.465	824.396	799.759
38.5	999.225	962.269	883.146	812.551	787.914
39.0	988.328	950.425	869.880	800.233	776.070
39.5	976.009	938.580	857.088	788.388	764.225
40.0	964.638	926.735	844.769	777.017	752.380
40.5	952.794	914.890	832.924	764.699	740.535
41.0	940.001	903.045	821.080	753.328	728.690
41.5	928.156	890.727	808.761	741.483	717.319
42.0	915.838	878.408	797.390	730.112	705.475
42.5	903.519	865.616	785.072	718.267	694.104
43.0	891.674	852.350	774.174	706.896	682.259
43.5	878.882	840.505	762.330	695.525	670.414
44.0	865.616	828.660	750.485	684.154	658.569
44.5	851.876	816.342	739.114	672.783	646.725
45.0	840.031	804.497	727.269	661.412	634.406
45.5	828.187	792.652	715.898	650.041	622.561
46.0	815.868	780.807	704.053	638.196	611.190
46.5	803.549	768.963	692.682	626.825	599.346
47.0	791.231	757.118	681.785	614.981	587.975
47.5	779.386	745.273	670.414	603.610	576.604
48.0	767.067	733.428	659.043	591.765	565.233
48.5	755.223	722.057	647.672	580.394	553.862
49.0	743.378	710.213	636.775	569.023	542.491
49.5	731.059	698.368	625.404	557.652	531.593
50.0	719.688	686.997	614.507	546.755	521.170
50.5	707.844	675.152	603.610	535.384	510.273
51.0	695.999	663.781	592.712	524.487	499.376
51.5	684.154	652.410	581.815	513.589	488.952
52.0	672.309	641.039	570.918	502.692	478.529
52.5	660.938	629.668	560.021	492.269	468.011
53.0	649.094	618.771	549.124	481.372	457.445
53.5	637.249	607.400	538.226	470.901	447.875
54.0	625.404	596.029	527.329	460.430	437.499
54.5	614.033	584.658	515.958	450.149	427.549

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	602.188	573.761	505.061	439.678	417.884
55.5	590.817	562.864	494.164	429.586	408.218
56.0	578.972	551.966	482.793	419.447	398.458
56.5	567.602	540.595	472.085	409.592	388.651
57.0	555.757	530.172	461.330	399.643	379.270
57.5	544.860	519.275	450.575	389.930	369.794
58.0	533.489	508.378	439.867	380.265	360.650
58.5	521.644	497.480	429.397	370.694	351.363
59.0	510.747	486.583	418.831	361.266	342.172
59.5	499.376	476.160	408.360	351.837	333.265
60.0	488.478	465.452	398.079	342.693	324.547
60.5	477.107	455.029	387.987	333.407	315.687
61.0	466.116	444.558	377.896	324.215	307.064
61.5	455.124	434.135	367.804	315.213	298.678
62.0	444.179	423.711	357.760	306.590	290.197
62.5	433.471	413.525	347.810	297.825	281.763
63.0	422.764	403.386	338.002	289.107	273.614
63.5	412.293	393.341	328.195	280.532	265.655
64.0	401.490	383.249	318.577	272.098	257.458
64.5	390.972	373.300	309.006	263.712	249.546
65.0	380.596	363.303	299.483	255.468	241.728
65.5	370.173	353.401	290.055	247.224	233.911
66.0	359.939	343.735	280.721	239.217	226.188
66.5	349.800	333.975	271.577	231.115	218.655
67.0	339.519	324.215	262.338	223.203	211.169
67.5	329.427	314.597	253.383	215.385	203.635
68.0	319.525	304.790	244.287	207.615	196.292
68.5	309.575	294.935	235.569	200.035	188.995
69.0	299.720	284.890	226.851	192.406	181.794
69.5	289.913	275.130	218.228	184.968	174.781
70.0	280.058	265.323	209.700	177.624	167.580
70.5	270.298	255.515	201.266	170.328	160.757
71.0	260.585	245.850	192.928	163.079	153.840
71.5	251.157	236.327	184.731	156.019	146.923
72.0	241.870	226.898	176.677	148.912	140.147
72.5	232.347	217.707	168.717	141.995	133.467
73.0	223.108	208.468	160.899	135.125	126.976
73.5	213.822	199.276	153.224	128.303	120.390
74.0	204.867	190.417	145.643	121.764	114.089
74.5	195.865	181.557	138.205	115.084	107.787
75.0	187.005	172.744	130.766	108.593	101.581
75.5	178.193	164.216	123.565	102.197	95.611
76.0	169.712	155.688	116.505	96.037	89.641
76.5	161.278	147.444	109.493	89.973	83.908
77.0	152.940	139.105	102.670	83.956	78.412
77.5	144.791	131.003	95.943	78.176	72.916
78.0	136.689	123.044	89.310	72.537	67.563
78.5	128.824	115.226	82.724	67.041	62.351
79.0	121.054	107.503	76.375	61.640	57.234
79.5	113.568	99.875	70.216	56.428	52.164
80.0	106.177	92.437	64.246	51.359	47.284
80.5	98.928	85.140	58.466	46.289	42.404
81.0	91.773	77.939	52.970	41.362	37.666
81.5	84.809	70.974	47.569	36.482	32.834
82.0	78.033	64.246	42.452	31.791	28.048
82.5	71.448	57.708	37.429	26.959	22.979

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	65.051	51.359	32.502	22.031	17.530
83.5	58.845	45.200	27.764	16.583	11.703
84.0	52.828	39.372	23.121	11.039	9.049
84.5	47.047	33.781	18.430	8.433	8.007
85.0	41.457	28.475	13.124	7.391	7.107
85.5	36.103	23.500	7.960	6.491	6.254
86.0	30.939	18.762	6.254	5.591	5.401
86.5	25.916	14.308	5.306	4.738	4.548
87.0	21.226	9.950	4.406	3.932	3.743
87.5	16.725	5.259	3.506	3.080	2.985
88.0	12.508	3.317	2.701	2.322	2.179
88.5	8.623	2.464	1.895	1.611	1.516
89.0	5.259	1.611	1.137	0.948	0.900
89.5	2.369	0.853	0.569	0.474	0.379
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-L8-830-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-L8-830-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-L8-830-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-L8-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	534.51	N.A.	16.70
0-30	1088.12	N.A.	34.10
0-40	1695.53	N.A.	53.10
0-60	2714.69	N.A.	85.00
0-80	3168.53	N.A.	99.20
0-90	3195.55	N.A.	100.00
10-90	3053.25	N.A.	95.50
20-40	1161.02	N.A.	36.30
20-50	1726.25	N.A.	54.00
40-70	1324.28	N.A.	41.40
60-80	453.84	N.A.	14.20
70-80	148.72	N.A.	4.70
80-90	27.02	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	3195.55	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	142.30
10-20	392.21
20-30	553.61
30-40	607.41
40-50	565.23
50-60	453.93
60-70	305.12
70-80	148.72
80-90	27.02
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-L8-830-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	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-L8-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

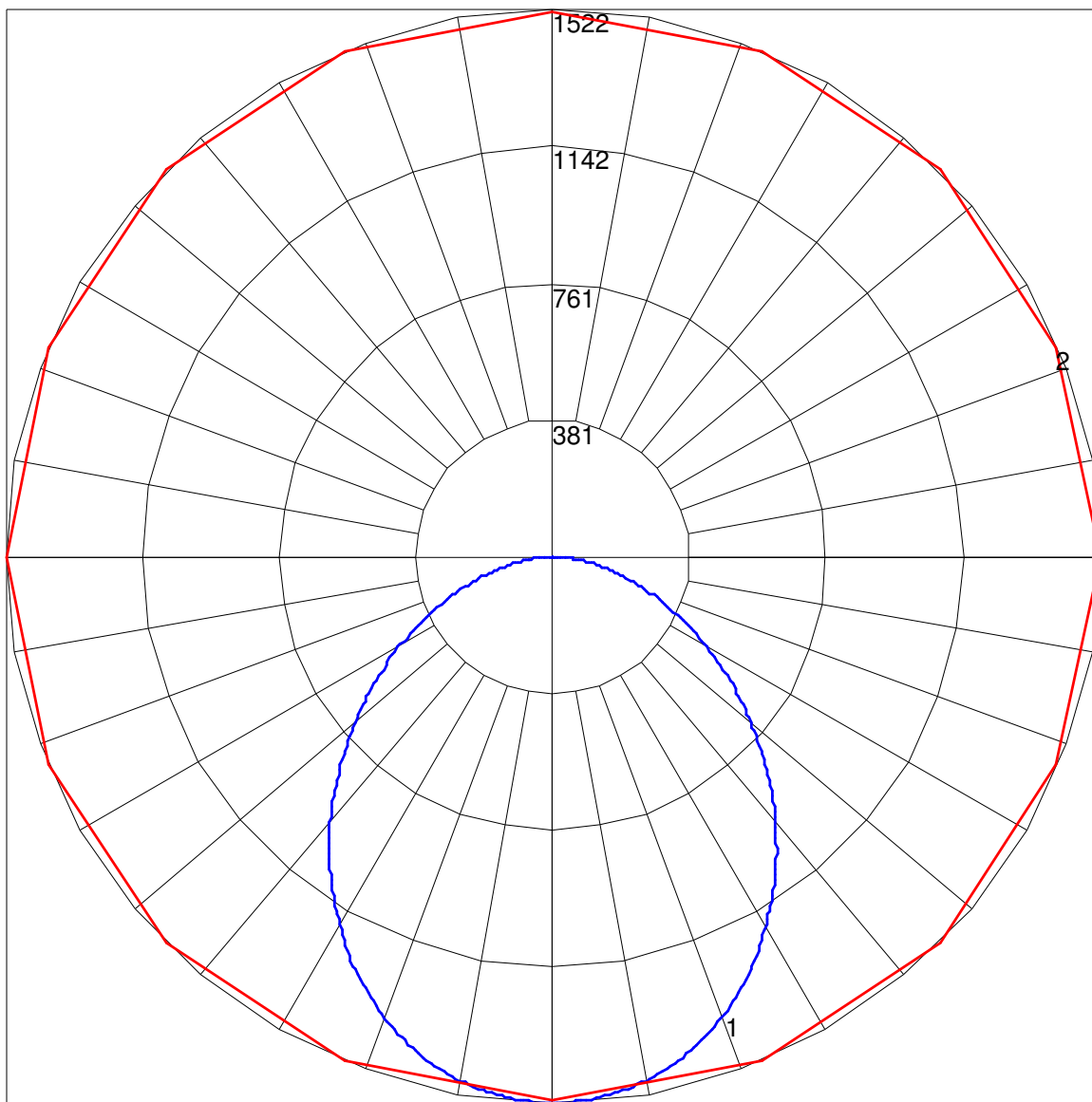
Reflectances

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	20.6	22.1	21.0	22.5	22.8	18.5	20.0	18.9	20.3	20.6
	3H	22.2	23.6	22.6	23.9	24.3	19.7	21.1	20.1	21.5	21.8
	4H	22.8	24.1	23.2	24.4	24.8	20.1	21.4	20.5	21.8	22.1
	6H	23.1	24.3	23.5	24.7	25.1	20.3	21.5	20.7	21.9	22.3
	8H	23.2	24.4	23.7	24.8	25.2	20.3	21.5	20.8	21.8	22.2
	12H	23.3	24.4	23.7	24.8	25.2	20.3	21.4	20.7	21.8	22.2
4H	2H	20.9	22.2	21.3	22.6	22.9	19.2	20.5	19.6	20.8	21.2
	3H	22.8	23.8	23.2	24.2	24.6	20.6	21.7	21.0	22.1	22.5
	4H	23.4	24.4	23.9	24.8	25.3	21.1	22.0	21.5	22.5	22.9
	6H	23.9	24.8	24.4	25.2	25.7	21.3	22.2	21.8	22.6	23.1
	8H	24.1	24.8	24.5	25.3	25.8	21.3	22.1	21.8	22.6	23.0
	12H	24.1	24.9	24.6	25.3	25.8	21.3	22.0	21.8	22.5	23.0
8H	4H	23.5	24.3	24.0	24.7	25.2	21.4	22.2	21.8	22.6	23.1
	6H	24.1	24.7	24.6	25.2	25.7	21.7	22.3	22.2	22.8	23.3
	8H	24.3	24.9	24.8	25.4	25.9	21.7	22.3	22.2	22.8	23.3
	12H	24.4	24.9	24.9	25.4	26.0	21.7	22.2	22.2	22.7	23.3
12H	4H	23.5	24.2	24.0	24.7	25.2	21.4	22.1	21.9	22.6	23.1
	6H	24.1	24.7	24.6	25.1	25.7	21.7	22.3	22.3	22.8	23.3
	8H	24.3	24.8	24.8	25.3	25.9	21.8	22.3	22.3	22.8	23.4

Maximum UGR = 26.0

POLAR GRAPH



Maximum Candela = 1522.29 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.)