

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L19-930-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-2-L19-930-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 2' 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	3127
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	33.2
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)	2.00 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	15257	13526	11975
55	13355	11543	9805
65	11363	9495	7888
75	9124	7130	5807
85	5908	3662	2803

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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	1448.658	1448.658	1448.658	1448.658	1448.658
0.5	1455.740	1445.510	1449.051	1447.871	1447.084
1.0	1455.346	1445.117	1448.658	1447.478	1446.691
1.5	1454.953	1444.330	1448.264	1446.691	1445.904
2.0	1454.166	1443.937	1447.084	1445.117	1445.510
2.5	1453.773	1443.150	1446.297	1444.330	1443.937
3.0	1452.592	1441.969	1445.117	1442.363	1441.969
3.5	1451.805	1440.789	1443.543	1440.789	1440.002
4.0	1449.838	1439.215	1441.969	1438.822	1437.641
4.5	1449.051	1437.641	1440.002	1436.461	1434.887
5.0	1447.084	1436.068	1437.641	1434.100	1432.527
5.5	1446.297	1433.707	1435.281	1430.953	1428.986
6.0	1442.756	1431.740	1432.527	1427.805	1425.838
6.5	1440.789	1429.773	1429.379	1424.264	1421.904
7.0	1438.428	1427.018	1426.625	1420.723	1418.363
7.5	1436.068	1424.264	1423.084	1416.789	1414.035
8.0	1433.314	1421.117	1419.936	1412.461	1409.314
8.5	1430.559	1418.363	1416.396	1407.740	1404.592
9.0	1427.412	1415.215	1412.068	1403.018	1399.871
9.5	1423.871	1411.281	1408.133	1397.904	1394.363
10.0	1421.117	1407.740	1403.412	1393.182	1389.248
10.5	1416.789	1403.805	1399.084	1388.068	1383.740
11.0	1412.855	1399.871	1393.969	1382.166	1378.232
11.5	1408.920	1395.543	1388.854	1376.264	1371.543
12.0	1404.592	1391.215	1383.740	1369.969	1365.248
12.5	1399.477	1386.100	1378.232	1363.674	1358.166
13.0	1395.150	1381.379	1372.330	1356.986	1351.477
13.5	1390.822	1376.264	1366.428	1350.297	1344.789
14.0	1385.313	1371.150	1360.527	1342.822	1336.920
14.5	1380.592	1365.248	1353.838	1335.740	1329.445
15.0	1375.084	1359.740	1347.150	1328.264	1321.576
15.5	1369.576	1353.838	1340.461	1320.395	1313.707
16.0	1363.674	1347.936	1333.379	1312.527	1305.051
16.5	1358.166	1342.035	1326.297	1304.264	1296.789
17.0	1351.871	1335.346	1318.822	1296.002	1287.740
17.5	1345.969	1328.658	1311.740	1287.346	1278.690
18.0	1339.281	1322.363	1303.871	1278.690	1269.641
18.5	1333.379	1315.281	1296.002	1269.641	1259.805
19.0	1326.297	1308.199	1287.740	1260.199	1249.969
19.5	1319.608	1301.117	1279.477	1251.149	1240.133
20.0	1312.527	1293.641	1270.822	1241.707	1230.297
20.5	1305.445	1286.166	1262.166	1231.871	1220.067
21.0	1297.969	1278.690	1253.510	1222.035	1209.444
21.5	1290.887	1270.428	1244.461	1211.805	1199.215
22.0	1283.018	1262.559	1235.018	1201.576	1188.985
22.5	1275.149	1254.297	1225.576	1191.346	1177.969
23.0	1267.674	1246.428	1216.526	1180.330	1166.953
23.5	1259.805	1237.772	1206.690	1169.707	1155.936
24.0	1251.543	1229.117	1196.854	1159.084	1144.526
24.5	1243.281	1220.461	1186.625	1148.067	1133.510
25.0	1234.625	1211.805	1176.789	1137.051	1122.100
25.5	1225.576	1202.362	1166.559	1125.641	1109.903
26.0	1216.920	1193.313	1155.543	1114.231	1098.100
26.5	1208.264	1183.871	1145.313	1102.821	1085.903

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CANDELA TABULATION - (Cont.)

27.0	1198.821	1174.428	1134.297	1091.018	1074.100
27.5	1188.985	1164.592	1123.674	1079.215	1062.297
28.0	1179.936	1155.149	1112.657	1067.018	1049.706
28.5	1170.494	1145.313	1102.034	1055.215	1037.510
29.0	1161.051	1135.477	1091.018	1043.018	1025.706
29.5	1150.034	1125.248	1079.608	1030.821	1013.116
30.0	1139.411	1114.625	1068.198	1018.624	1000.919
30.5	1129.575	1104.395	1057.182	1006.821	988.329
31.0	1119.346	1094.166	1045.772	994.624	975.739
31.5	1109.510	1083.543	1034.362	982.034	963.149
32.0	1098.493	1072.920	1022.559	969.837	950.952
32.5	1088.264	1061.903	1011.149	957.247	937.969
33.0	1077.641	1051.280	998.952	945.051	925.772
33.5	1067.018	1040.264	987.936	932.460	912.395
34.0	1056.788	1029.247	975.739	920.264	900.198
34.5	1046.165	1018.624	963.936	908.067	888.001
35.0	1035.542	1007.215	951.739	895.477	875.411
35.5	1024.526	995.805	939.936	883.673	862.427
36.0	1014.297	984.788	928.133	871.083	850.624
36.5	1003.280	973.378	915.936	858.886	838.034
37.0	991.870	961.969	904.526	846.690	826.231
37.5	980.854	950.559	892.723	834.100	813.641
38.0	969.837	938.755	880.526	821.903	801.050
38.5	958.428	927.739	868.723	809.706	788.854
39.0	946.624	915.936	856.919	797.509	776.657
39.5	935.608	904.526	844.723	785.313	764.460
40.0	924.198	892.723	832.919	773.903	752.657
40.5	912.001	881.313	820.723	761.706	740.067
41.0	900.591	869.509	808.919	749.509	727.083
41.5	889.182	858.100	797.116	737.313	714.886
42.0	876.985	846.296	785.313	724.722	702.296
42.5	864.395	834.100	773.509	712.919	690.099
43.0	852.591	822.296	761.706	699.935	677.903
43.5	841.182	810.886	749.903	687.739	666.493
44.0	828.591	799.083	738.099	676.329	654.689
44.5	816.788	787.280	725.116	664.526	642.886
45.0	804.591	775.870	713.313	653.116	631.476
45.5	792.395	763.673	701.116	641.706	619.673
46.0	780.591	752.263	689.706	630.296	608.263
46.5	768.788	740.460	678.296	619.280	597.247
47.0	756.591	728.657	666.886	607.870	585.837
47.5	744.395	716.067	655.870	596.853	574.821
48.0	732.591	703.870	644.853	585.837	563.411
48.5	720.394	692.460	633.444	574.821	552.394
49.0	707.411	680.657	622.427	563.804	541.771
49.5	696.001	669.640	611.804	552.788	531.148
50.0	684.198	658.230	600.788	542.165	520.525
50.5	673.181	646.821	589.771	531.542	509.902
51.0	661.378	635.804	578.755	520.525	499.279
51.5	649.968	624.394	568.132	510.296	489.050
52.0	638.952	612.985	557.116	499.673	478.820
52.5	627.542	601.968	546.493	489.443	468.984
53.0	616.132	590.952	535.870	479.214	459.148
53.5	604.722	579.935	525.640	468.984	448.919
54.0	593.706	568.919	514.624	459.148	439.083
54.5	582.296	558.296	504.394	448.919	429.247

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CANDELA TABULATION - (Cont.)

55.0	571.280	547.279	493.771	439.476	419.410
55.5	559.870	536.657	483.542	429.247	409.968
56.0	548.460	525.640	473.312	419.804	400.525
56.5	537.443	515.017	463.083	410.361	391.673
57.0	526.034	504.394	452.460	400.919	382.348
57.5	515.017	494.165	442.624	391.476	373.260
58.0	504.001	483.542	432.394	382.191	364.328
58.5	492.984	472.919	422.165	373.023	355.397
59.0	481.968	462.689	412.328	364.014	346.545
59.5	470.952	452.460	402.492	355.004	337.928
60.0	460.329	442.230	392.578	345.955	329.351
60.5	449.706	432.001	382.978	337.141	320.774
61.0	439.083	422.165	373.181	328.407	312.355
61.5	428.853	411.935	363.660	319.594	304.053
62.0	418.230	401.706	354.060	311.174	296.027
62.5	408.001	391.987	344.774	302.715	287.843
63.0	397.771	382.269	335.528	294.296	279.817
63.5	387.738	372.551	326.282	285.797	271.712
64.0	377.981	362.912	317.273	277.614	263.922
64.5	367.909	353.273	308.184	269.469	256.171
65.0	358.151	343.830	299.253	261.325	248.617
65.5	348.473	334.269	290.243	253.338	240.905
66.0	338.833	324.787	281.548	245.548	233.351
66.5	329.273	315.423	272.814	237.640	225.718
67.0	319.594	306.138	264.197	229.810	218.400
67.5	309.915	296.853	255.699	222.256	211.082
68.0	300.630	287.725	247.122	214.663	203.686
68.5	291.148	278.676	238.741	207.187	196.564
69.0	281.745	269.627	230.440	199.751	189.482
69.5	272.617	260.617	222.335	192.394	182.597
70.0	263.371	251.646	214.072	185.194	175.633
70.5	254.243	242.833	205.968	178.033	168.905
71.0	245.115	234.099	198.099	171.069	162.099
71.5	236.184	225.286	190.230	164.145	155.528
72.0	227.292	216.709	182.440	157.259	148.958
72.5	218.440	208.210	174.689	150.531	142.584
73.0	209.823	199.830	167.095	143.764	136.328
73.5	201.207	191.331	159.620	137.312	130.072
74.0	192.748	182.990	152.223	130.820	123.856
74.5	184.367	174.807	144.905	124.525	117.954
75.0	176.105	166.741	137.626	118.190	112.092
75.5	168.000	158.833	130.584	112.171	106.269
76.0	160.092	151.003	123.699	106.151	100.643
76.5	152.144	143.174	116.813	100.367	95.135
77.0	144.630	135.541	110.203	94.584	89.666
77.5	136.997	128.026	103.633	88.997	84.315
78.0	129.403	120.630	97.141	83.528	79.239
78.5	121.889	113.312	90.925	78.217	74.085
79.0	114.728	106.269	84.826	72.984	69.128
79.5	107.685	99.108	78.885	67.751	64.289
80.0	100.682	92.262	72.984	62.833	59.607
80.5	93.718	85.456	67.239	57.954	54.964
81.0	86.990	78.846	61.731	53.312	50.557
81.5	80.341	72.433	56.341	48.708	46.190
82.0	73.928	65.941	51.226	44.223	41.862
82.5	67.672	59.803	46.190	39.856	37.731

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CANDELA TABULATION - (Cont.)

83.0	61.495	53.744	41.312	35.607	33.521
83.5	55.397	47.961	36.708	31.436	29.508
84.0	49.574	42.295	32.223	27.344	25.613
84.5	43.830	36.944	27.934	23.449	21.875
85.0	38.400	31.790	23.803	19.790	18.216
85.5	33.128	26.833	19.869	16.052	14.282
86.0	28.171	22.112	16.328	12.197	9.954
86.5	23.252	17.862	12.905	7.711	6.138
87.0	18.728	13.849	9.207	4.879	4.367
87.5	14.518	10.308	5.311	3.738	3.423
88.0	10.623	7.043	3.344	2.872	2.675
88.5	7.318	3.934	2.479	2.085	1.849
89.0	4.603	1.967	1.652	1.338	1.180
89.5	2.282	1.062	0.905	0.669	0.590
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-2-L19-930-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-2-L19-930-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-2-L19-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	514.58	N.A.	16.50
0-30	1054.79	N.A.	33.70
0-40	1649.87	N.A.	52.80
0-60	2643.98	N.A.	84.50
0-80	3095.09	N.A.	99.00
0-90	3127.48	N.A.	100.00
10-90	2991.43	N.A.	95.60
20-40	1135.29	N.A.	36.30
20-50	1687.13	N.A.	53.90
40-70	1293.87	N.A.	41.40
60-80	451.11	N.A.	14.40
70-80	151.35	N.A.	4.80
80-90	32.39	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	3127.48	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	136.05
10-20	378.53
20-30	540.21
30-40	595.08
40-50	551.84
50-60	442.28
60-70	299.76
70-80	151.35
80-90	32.39
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-2-L19-930-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-2-L19-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

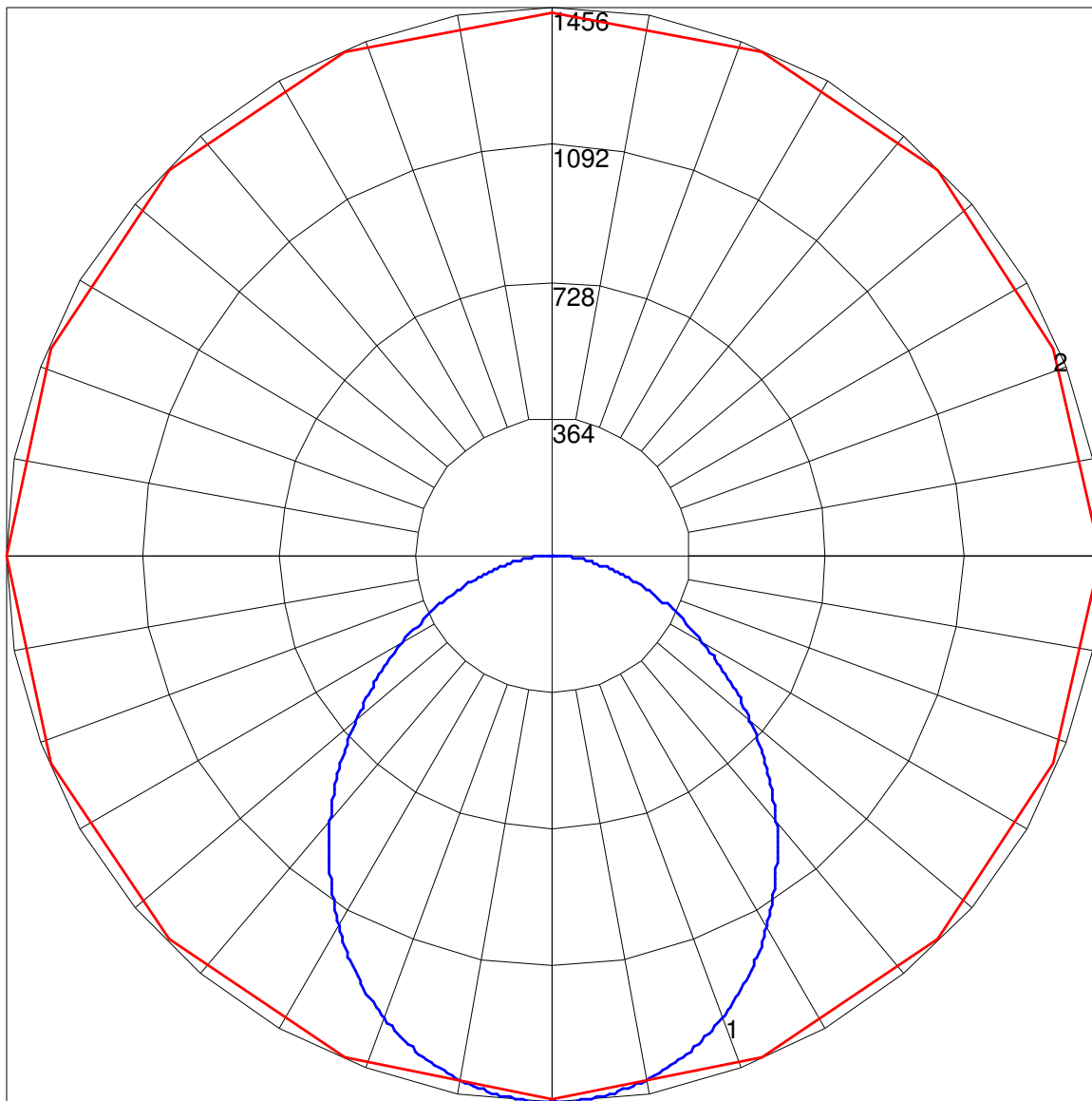
Reflectances

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	20.9	22.5	21.3	22.8	23.1	19.2	20.7	19.6	21.1	21.4
	3H	22.5	23.9	22.9	24.2	24.6	20.5	21.9	20.9	22.3	22.6
	4H	23.1	24.4	23.5	24.7	25.1	21.0	22.3	21.4	22.6	23.0
	6H	23.5	24.6	23.9	25.0	25.4	21.2	22.4	21.6	22.8	23.2
	8H	23.5	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
	12H	23.6	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
4H	2H	21.3	22.6	21.7	23.0	23.3	19.9	21.2	20.3	21.5	21.9
	3H	23.1	24.2	23.5	24.6	25.0	21.4	22.5	21.8	22.9	23.3
	4H	23.8	24.8	24.2	25.2	25.6	21.9	22.9	22.4	23.3	23.8
	6H	24.3	25.1	24.7	25.6	26.0	22.3	23.1	22.7	23.6	24.0
	8H	24.4	25.2	24.9	25.7	26.1	22.4	23.2	22.8	23.6	24.1
	12H	24.5	25.2	25.0	25.7	26.2	22.4	23.1	22.9	23.6	24.1
8H	4H	23.9	24.7	24.4	25.2	25.6	22.2	23.0	22.7	23.5	23.9
	6H	24.5	25.2	25.0	25.6	26.1	22.7	23.3	23.2	23.8	24.3
	8H	24.7	25.3	25.2	25.8	26.3	22.8	23.4	23.3	23.9	24.4
	12H	24.8	25.4	25.4	25.9	26.4	22.9	23.4	23.4	23.9	24.4
12H	4H	23.9	24.6	24.4	25.1	25.6	22.3	23.0	22.8	23.5	23.9
	6H	24.5	25.1	25.0	25.6	26.1	22.7	23.3	23.2	23.8	24.3
	8H	24.7	25.3	25.2	25.7	26.3	22.9	23.4	23.4	23.9	24.4

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 1455.74 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.)