

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L19-935-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-2-L19-935-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	3166
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
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	15443	13691	12121
55	13518	11684	9924
65	11502	9610	7984
75	9235	7217	5878
85	5980	3707	2837

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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	1466.325	1466.325	1466.325	1466.325	1466.325
0.5	1473.493	1463.139	1466.723	1465.528	1464.732
1.0	1473.095	1462.740	1466.325	1465.130	1464.333
1.5	1472.696	1461.944	1465.926	1464.333	1463.537
2.0	1471.900	1461.546	1464.732	1462.740	1463.139
2.5	1471.502	1460.749	1463.935	1461.944	1461.546
3.0	1470.307	1459.554	1462.740	1459.953	1459.554
3.5	1469.510	1458.360	1461.147	1458.360	1457.563
4.0	1467.519	1456.767	1459.554	1456.368	1455.174
4.5	1466.723	1455.174	1457.563	1453.979	1452.386
5.0	1464.732	1453.581	1455.174	1451.590	1449.997
5.5	1463.935	1451.191	1452.784	1448.404	1446.412
6.0	1460.351	1449.200	1449.997	1445.218	1443.227
6.5	1458.360	1447.209	1446.811	1441.634	1439.244
7.0	1455.970	1444.421	1444.023	1438.049	1435.660
7.5	1453.581	1441.634	1440.439	1434.067	1431.279
8.0	1450.793	1438.448	1437.253	1429.686	1426.500
8.5	1448.005	1435.660	1433.669	1424.907	1421.721
9.0	1444.819	1432.474	1429.288	1420.129	1416.943
9.5	1441.235	1428.492	1425.306	1414.951	1411.367
10.0	1438.448	1424.907	1420.527	1410.172	1406.190
10.5	1434.067	1420.925	1416.146	1404.995	1400.615
11.0	1430.085	1416.943	1410.969	1399.022	1395.039
11.5	1426.102	1412.562	1405.792	1393.048	1388.269
12.0	1421.721	1408.181	1400.615	1386.676	1381.897
12.5	1416.544	1403.004	1395.039	1380.304	1374.729
13.0	1412.164	1398.225	1389.066	1373.534	1367.959
13.5	1407.783	1393.048	1383.092	1366.764	1361.189
14.0	1402.208	1387.871	1377.118	1359.198	1353.224
14.5	1397.429	1381.897	1370.348	1352.029	1345.657
15.0	1391.853	1376.322	1363.578	1344.463	1337.693
15.5	1386.278	1370.348	1356.808	1336.498	1329.728
16.0	1380.304	1364.375	1349.640	1328.533	1320.966
16.5	1374.729	1358.401	1342.471	1320.170	1312.603
17.0	1368.357	1351.631	1334.905	1311.807	1303.444
17.5	1362.384	1344.861	1327.737	1303.046	1294.284
18.0	1355.613	1338.489	1319.772	1294.284	1285.125
18.5	1349.640	1331.321	1311.807	1285.125	1275.169
19.0	1342.471	1324.152	1303.444	1275.567	1265.213
19.5	1335.701	1316.984	1295.081	1266.407	1255.257
20.0	1328.533	1309.417	1286.319	1256.850	1245.301
20.5	1321.365	1301.851	1277.558	1246.894	1234.946
21.0	1313.798	1294.284	1268.797	1236.938	1224.194
21.5	1306.630	1285.921	1259.637	1226.583	1213.840
22.0	1298.665	1277.956	1250.079	1216.229	1203.485
22.5	1290.700	1269.593	1240.522	1205.875	1192.334
23.0	1283.134	1261.628	1231.362	1194.724	1181.184
23.5	1275.169	1252.867	1221.406	1183.971	1170.033
24.0	1266.806	1244.106	1211.450	1173.219	1158.484
24.5	1258.443	1235.345	1201.096	1162.068	1147.333
25.0	1249.681	1226.583	1191.140	1150.917	1135.784
25.5	1240.522	1217.025	1180.785	1139.368	1123.439
26.0	1231.760	1207.866	1169.635	1127.819	1111.491
26.5	1222.999	1198.308	1159.280	1116.270	1099.146

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CANDELA TABULATION - (Cont.)

27.0	1213.441	1188.750	1148.130	1104.323	1087.199
27.5	1203.485	1178.794	1137.377	1092.376	1075.252
28.0	1194.326	1169.236	1126.226	1080.030	1062.508
28.5	1184.768	1159.280	1115.474	1068.083	1050.162
29.0	1175.210	1149.324	1104.323	1055.738	1038.215
29.5	1164.059	1138.970	1092.774	1043.392	1025.471
30.0	1153.307	1128.218	1081.225	1031.047	1013.126
30.5	1143.351	1117.863	1070.074	1019.100	1000.382
31.0	1132.997	1107.509	1058.525	1006.754	987.638
31.5	1123.040	1096.757	1046.976	994.010	974.895
32.0	1111.890	1086.004	1035.029	981.665	962.549
32.5	1101.535	1074.853	1023.480	968.921	949.407
33.0	1090.783	1064.101	1011.135	956.576	937.062
33.5	1080.030	1052.950	999.984	943.832	923.522
34.0	1069.676	1041.799	987.638	931.486	911.176
34.5	1058.924	1031.047	975.691	919.141	898.831
35.0	1048.171	1019.498	963.346	906.397	886.087
35.5	1037.020	1007.949	951.398	894.450	872.945
36.0	1026.666	996.798	939.451	881.706	860.998
36.5	1015.515	985.249	927.106	869.361	848.254
37.0	1003.966	973.700	915.557	857.015	836.307
37.5	992.816	962.151	903.610	844.272	823.563
38.0	981.665	950.204	891.264	831.926	810.819
38.5	970.116	939.053	879.317	819.581	798.474
39.0	958.169	927.106	867.370	807.235	786.128
39.5	947.018	915.557	855.024	794.890	773.783
40.0	935.469	903.610	843.077	783.341	761.836
40.5	923.123	892.061	830.731	770.995	749.092
41.0	911.574	880.113	818.784	758.650	735.950
41.5	900.025	868.564	806.837	746.304	723.604
42.0	887.680	856.617	794.890	733.560	710.861
42.5	874.936	844.272	782.942	721.613	698.515
43.0	862.989	832.324	770.995	708.471	686.170
43.5	851.440	820.775	759.048	696.126	674.621
44.0	838.696	808.828	747.101	684.577	662.674
44.5	826.749	796.881	733.959	672.630	650.726
45.0	814.403	785.332	722.011	661.081	639.177
45.5	802.058	772.986	709.666	649.532	627.230
46.0	790.111	761.437	698.117	637.983	615.681
46.5	778.164	749.490	686.568	626.832	604.530
47.0	765.818	737.543	675.019	615.283	592.981
47.5	753.473	724.799	663.868	604.132	581.831
48.0	741.525	712.454	652.718	592.981	570.282
48.5	729.180	700.905	641.169	581.831	559.131
49.0	716.038	688.957	630.018	570.680	548.378
49.5	704.489	677.807	619.265	559.529	537.626
50.0	692.542	666.258	608.114	548.777	526.873
50.5	681.391	654.709	596.964	538.024	516.121
51.0	669.444	643.558	585.813	526.873	505.368
51.5	657.895	632.009	575.060	516.519	495.014
52.0	646.744	620.460	563.910	505.766	484.660
52.5	635.195	609.309	553.157	495.412	474.704
53.0	623.646	598.158	542.405	485.058	464.748
53.5	612.097	587.008	532.050	474.704	454.393
54.0	600.946	575.857	520.900	464.748	444.437
54.5	589.397	565.104	510.545	454.393	434.481

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CANDELA TABULATION - (Cont.)

55.0	578.246	553.954	499.793	444.836	424.525
55.5	566.697	543.201	489.439	434.481	414.967
56.0	555.148	532.050	479.084	424.923	405.410
56.5	543.998	521.298	468.730	415.366	396.449
57.0	532.449	510.545	457.978	405.808	387.011
57.5	521.298	500.191	448.021	396.250	377.812
58.0	510.147	489.439	437.667	386.852	368.771
58.5	498.996	478.686	427.313	377.573	359.731
59.0	487.846	468.332	417.357	368.453	350.771
59.5	476.695	457.978	407.401	359.333	342.049
60.0	465.942	447.623	397.365	350.174	333.368
60.5	455.190	437.269	387.648	341.253	324.686
61.0	444.437	427.313	377.732	332.412	316.164
61.5	434.083	416.959	368.094	323.491	307.761
62.0	423.331	406.604	358.377	314.969	299.637
62.5	412.976	396.768	348.979	306.407	291.353
63.0	402.622	386.931	339.620	297.885	283.229
63.5	392.467	377.095	330.262	289.282	275.025
64.0	382.590	367.338	321.142	280.999	267.140
64.5	372.395	357.581	311.942	272.755	259.295
65.0	362.519	348.023	302.902	264.512	251.649
65.5	352.722	338.346	293.783	256.428	243.843
66.0	342.965	328.748	284.981	248.542	236.197
66.5	333.288	319.270	276.141	240.538	228.471
67.0	323.491	309.872	267.419	232.613	221.064
67.5	313.695	300.473	258.817	224.967	213.656
68.0	304.296	291.234	250.135	217.280	206.170
68.5	294.699	282.074	241.653	209.714	198.961
69.0	285.181	272.915	233.250	202.187	191.793
69.5	275.941	263.795	225.046	194.740	184.824
70.0	266.583	254.715	216.683	187.452	177.775
70.5	257.344	245.795	208.479	180.204	170.965
71.0	248.104	236.954	200.515	173.155	164.075
71.5	239.064	228.033	192.550	166.146	157.425
72.0	230.064	219.351	184.664	159.177	150.774
72.5	221.104	210.749	176.819	152.367	144.323
73.0	212.382	202.267	169.133	145.517	137.991
73.5	203.661	193.665	161.566	138.986	131.659
74.0	195.098	185.222	154.080	132.415	125.366
74.5	186.616	176.939	146.672	126.043	119.393
75.0	178.253	168.775	139.305	119.632	113.459
75.5	170.049	160.770	132.176	113.539	107.565
76.0	162.044	152.845	125.207	107.446	101.870
76.5	154.000	144.920	118.238	101.591	96.295
77.0	146.394	137.194	111.547	95.737	90.759
77.5	138.668	129.588	104.897	90.082	85.343
78.0	130.982	122.101	98.326	84.547	80.206
78.5	123.375	114.693	92.034	79.170	74.989
79.0	116.127	107.565	85.861	73.874	69.971
79.5	108.999	100.317	79.847	68.577	65.073
80.0	101.910	93.388	73.874	63.599	60.334
80.5	94.861	86.498	68.059	58.661	55.634
81.0	88.051	79.808	62.484	53.962	51.174
81.5	81.321	73.316	57.028	49.302	46.754
82.0	74.830	66.745	51.851	44.762	42.373
82.5	68.498	60.533	46.754	40.342	38.191

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CANDELA TABULATION - (Cont.)

83.0	62.245	54.400	41.815	36.041	33.930
83.5	56.072	48.546	37.156	31.819	29.868
84.0	50.178	42.811	32.616	27.678	25.926
84.5	44.364	37.395	28.275	23.735	22.142
85.0	38.868	32.178	24.094	20.032	18.439
85.5	33.532	27.160	20.111	16.248	14.456
86.0	28.514	22.381	16.527	12.345	10.076
86.5	23.536	18.080	13.062	7.806	6.213
87.0	18.956	14.018	9.319	4.938	4.420
87.5	14.695	10.434	5.376	3.783	3.465
88.0	10.753	7.129	3.385	2.907	2.708
88.5	7.407	3.982	2.509	2.111	1.872
89.0	4.659	1.991	1.673	1.354	1.195
89.5	2.310	1.075	0.916	0.677	0.597
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-L19-935-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-L19-935-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-L19-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	520.85	N.A.	16.50
0-30	1067.65	N.A.	33.70
0-40	1669.99	N.A.	52.80
0-60	2676.23	N.A.	84.50
0-80	3132.84	N.A.	99.00
0-90	3165.62	N.A.	100.00
10-90	3027.91	N.A.	95.60
20-40	1149.14	N.A.	36.30
20-50	1707.7	N.A.	53.90
40-70	1309.65	N.A.	41.40
60-80	456.61	N.A.	14.40
70-80	153.20	N.A.	4.80
80-90	32.78	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	3165.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	137.71
10-20	383.14
20-30	546.80
30-40	602.34
40-50	558.57
50-60	447.67
60-70	303.41
70-80	153.20
80-90	32.78
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-L19-935-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	51	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-L19-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

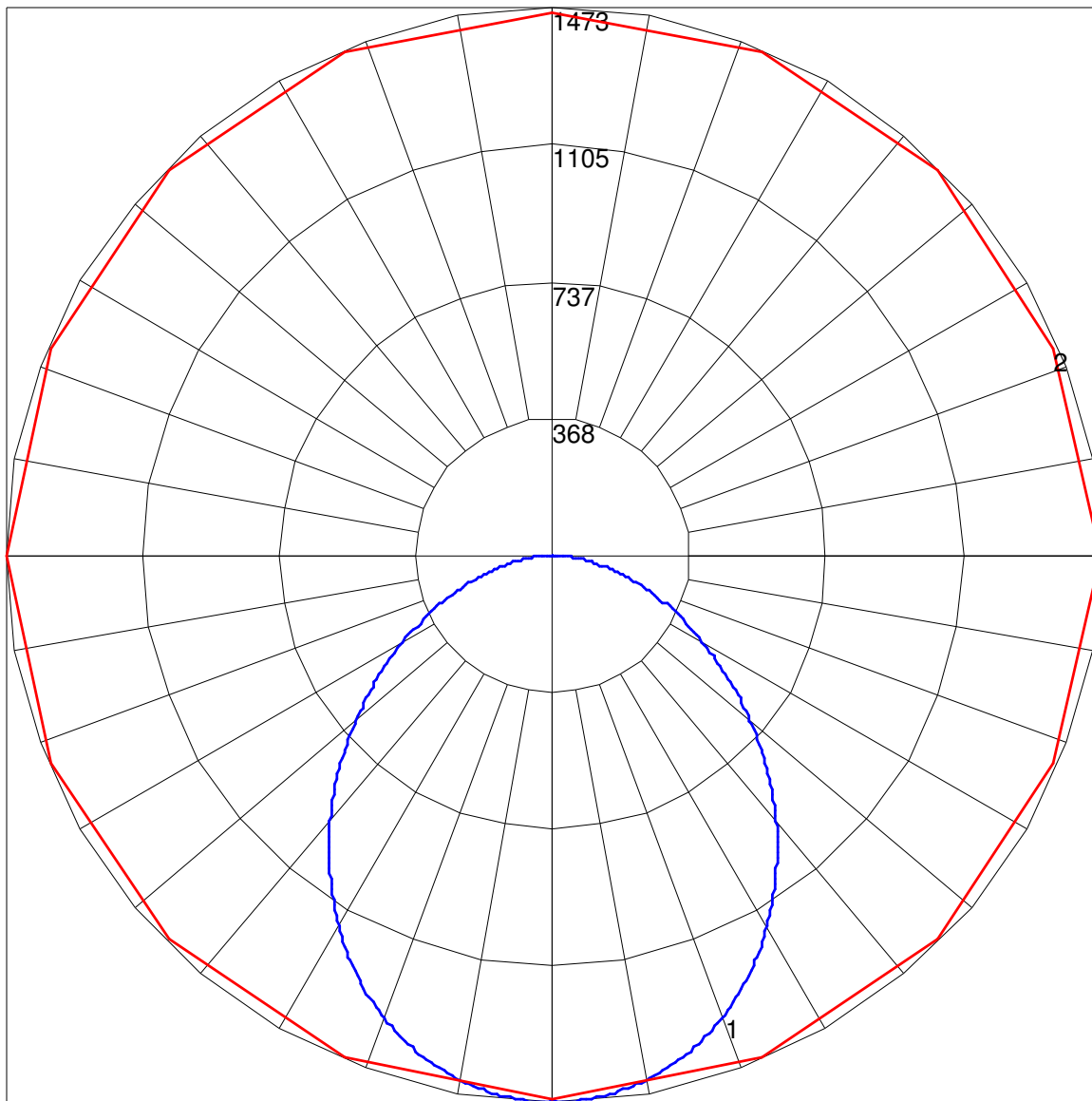
Reflectances

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	24.7	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 = 1473.493 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.)