

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L19-927-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-L19-927-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	3051
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
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	14885	13197	11683
55	13029	11262	9566
65	11086	9263	7696
75	8901	6956	5666
85	5764	3573	2734

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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	1413.325	1413.325	1413.325	1413.325	1413.325
0.5	1420.234	1410.254	1413.708	1412.557	1411.789
1.0	1419.850	1409.870	1413.325	1412.173	1411.405
1.5	1419.466	1409.102	1412.941	1411.405	1410.638
2.0	1418.699	1408.718	1411.789	1409.870	1410.254
2.5	1418.315	1407.951	1411.022	1409.102	1408.718
3.0	1417.163	1406.799	1409.870	1407.183	1406.799
3.5	1416.395	1405.648	1408.335	1405.648	1404.880
4.0	1414.476	1404.112	1406.799	1403.728	1402.577
4.5	1413.708	1402.577	1404.880	1401.425	1399.890
5.0	1411.789	1401.042	1402.577	1399.122	1397.587
5.5	1411.022	1398.738	1400.274	1396.052	1394.132
6.0	1407.567	1396.819	1397.587	1392.981	1391.062
6.5	1405.648	1394.900	1394.516	1389.526	1387.223
7.0	1403.345	1392.213	1391.829	1386.072	1383.768
7.5	1401.042	1389.526	1388.375	1382.233	1379.546
8.0	1398.355	1386.455	1385.304	1378.011	1374.940
8.5	1395.668	1383.768	1381.849	1373.405	1370.334
9.0	1392.597	1380.698	1377.627	1368.798	1365.728
9.5	1389.142	1376.859	1373.788	1363.808	1360.354
10.0	1386.455	1373.405	1369.182	1359.202	1355.364
10.5	1382.233	1369.566	1364.960	1354.212	1349.990
11.0	1378.395	1365.728	1359.970	1348.455	1344.616
11.5	1374.556	1361.505	1354.980	1342.697	1338.091
12.0	1370.334	1357.283	1349.990	1336.555	1331.949
12.5	1365.344	1352.293	1344.616	1330.414	1325.040
13.0	1361.121	1347.687	1338.858	1323.888	1318.514
13.5	1356.899	1342.697	1333.101	1317.363	1311.989
14.0	1351.525	1337.707	1327.343	1310.070	1304.312
14.5	1346.919	1331.949	1320.818	1303.161	1297.019
15.0	1341.545	1326.575	1314.292	1295.867	1289.342
15.5	1336.171	1320.818	1307.767	1288.191	1281.665
16.0	1330.414	1315.060	1300.857	1280.514	1273.220
16.5	1325.040	1309.302	1293.948	1272.453	1265.160
17.0	1318.898	1302.777	1286.655	1264.392	1256.331
17.5	1313.141	1296.251	1279.746	1255.947	1247.503
18.0	1306.615	1290.110	1272.069	1247.503	1238.674
18.5	1300.857	1283.201	1264.392	1238.674	1229.078
19.0	1293.948	1276.291	1256.331	1229.462	1219.482
19.5	1287.423	1269.382	1248.270	1220.633	1209.886
20.0	1280.514	1262.089	1239.826	1211.421	1200.290
20.5	1273.604	1254.796	1231.381	1201.825	1190.310
21.0	1266.311	1247.503	1222.937	1192.229	1179.946
21.5	1259.402	1239.442	1214.108	1182.249	1169.966
22.0	1251.725	1231.765	1204.896	1172.269	1159.986
22.5	1244.048	1223.704	1195.683	1162.289	1149.238
23.0	1236.755	1216.027	1186.855	1151.541	1138.490
23.5	1229.078	1207.583	1177.259	1141.177	1127.742
24.0	1221.017	1199.138	1167.663	1130.813	1116.611
24.5	1212.957	1190.693	1157.683	1120.066	1105.863
25.0	1204.512	1182.249	1148.086	1109.318	1094.732
25.5	1195.683	1173.036	1138.106	1098.186	1082.832
26.0	1187.239	1164.208	1127.359	1087.055	1071.317
26.5	1178.794	1154.996	1117.379	1075.923	1059.418

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CANDELA TABULATION - (Cont.)

27.0	1169.582	1145.783	1106.631	1064.408	1047.902
27.5	1159.986	1136.187	1096.267	1052.892	1036.387
28.0	1151.157	1126.975	1085.519	1040.993	1024.104
28.5	1141.945	1117.379	1075.155	1029.478	1012.205
29.0	1132.732	1107.782	1064.408	1017.578	1000.689
29.5	1121.985	1097.802	1053.276	1005.679	988.406
30.0	1111.621	1087.439	1042.145	993.780	976.507
30.5	1102.025	1077.459	1031.397	982.264	964.224
31.0	1092.045	1067.479	1020.265	970.365	951.941
31.5	1082.449	1057.115	1009.134	958.082	939.657
32.0	1071.701	1046.751	997.618	946.183	927.758
32.5	1061.721	1036.003	986.487	933.900	915.091
33.0	1051.357	1025.639	974.588	922.000	903.192
33.5	1040.993	1014.891	963.840	909.717	890.141
34.0	1031.013	1004.144	951.941	897.818	878.242
34.5	1020.649	993.780	940.425	885.919	866.343
35.0	1010.285	982.648	928.526	873.636	854.060
35.5	999.538	971.517	917.010	862.120	841.393
36.0	989.558	960.769	905.495	849.837	829.877
36.5	978.810	949.637	893.596	837.938	817.594
37.0	967.678	938.506	882.464	826.039	806.079
37.5	956.931	927.374	870.949	813.756	793.796
38.0	946.183	915.859	859.050	801.856	781.512
38.5	935.051	905.111	847.534	789.957	769.613
39.0	923.536	893.596	836.019	778.058	757.714
39.5	912.788	882.464	824.120	766.159	745.815
40.0	901.657	870.949	812.604	755.027	734.299
40.5	889.757	859.817	800.705	743.128	722.016
41.0	878.626	848.302	789.189	731.229	709.349
41.5	867.494	837.170	777.674	719.329	697.450
42.0	855.595	825.655	766.159	707.046	685.167
42.5	843.312	813.756	754.643	695.531	673.268
43.0	831.796	802.240	743.128	682.864	661.368
43.5	820.665	791.109	731.612	670.965	650.237
44.0	808.382	779.593	720.097	659.833	638.721
44.5	796.866	768.078	707.430	648.318	627.206
45.0	784.967	756.946	695.915	637.186	616.074
45.5	773.068	745.047	684.015	626.054	604.559
46.0	761.552	733.915	672.884	614.923	593.427
46.5	750.037	722.400	661.752	604.175	582.680
47.0	738.138	710.885	650.621	593.044	571.548
47.5	726.239	698.602	639.873	582.296	560.800
48.0	714.723	686.702	629.125	571.548	549.669
48.5	702.824	675.571	617.994	560.800	538.921
49.0	690.157	664.055	607.246	550.053	528.557
49.5	679.025	653.308	596.882	539.305	518.193
50.0	667.510	642.176	586.134	528.941	507.830
50.5	656.762	631.044	575.387	518.577	497.466
51.0	645.247	620.297	564.639	507.830	487.102
51.5	634.115	609.165	554.275	497.850	477.122
52.0	623.368	598.034	543.527	487.486	467.142
52.5	612.236	587.286	533.163	477.506	457.546
53.0	601.104	576.538	522.800	467.526	447.949
53.5	589.973	565.790	512.820	457.546	437.969
54.0	579.225	555.043	502.072	447.949	428.373
54.5	568.094	544.679	492.092	437.969	418.777

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CANDELA TABULATION - (Cont.)

55.0	557.346	533.931	481.728	428.757	409.181
55.5	546.214	523.567	471.748	418.777	399.969
56.0	535.083	512.820	461.768	409.565	390.756
56.5	524.335	502.456	451.788	400.352	382.120
57.0	513.203	492.092	441.424	391.140	373.023
57.5	502.456	482.112	431.828	381.928	364.156
58.0	491.708	471.748	421.848	372.869	355.442
58.5	480.960	461.384	411.868	363.925	346.729
59.0	470.213	451.404	402.272	355.135	338.092
59.5	459.465	441.424	392.675	346.345	329.686
60.0	449.101	431.444	383.003	337.517	321.318
60.5	438.737	421.464	373.637	328.918	312.950
61.0	428.373	411.868	364.079	320.397	304.736
61.5	418.393	401.888	354.790	311.799	296.637
62.0	408.029	391.908	345.424	303.585	288.806
62.5	398.049	382.427	336.365	295.332	280.822
63.0	388.069	372.946	327.345	287.118	272.992
63.5	378.281	363.465	318.324	278.826	265.085
64.0	368.762	354.060	309.534	270.842	257.485
64.5	358.935	344.656	300.667	262.897	249.923
65.0	349.416	335.444	291.954	254.951	242.553
65.5	339.973	326.116	283.164	247.159	235.030
66.0	330.569	316.866	274.681	239.559	227.660
66.5	321.242	307.730	266.160	231.844	220.213
67.0	311.799	298.671	257.753	224.205	213.073
67.5	302.356	289.613	249.462	216.835	205.934
68.0	293.297	280.707	241.094	209.427	198.718
68.5	284.047	271.879	232.918	202.134	191.770
69.0	274.873	263.050	224.819	194.879	184.861
69.5	265.968	254.260	216.912	187.701	178.143
70.0	256.947	245.509	208.851	180.677	171.349
70.5	248.042	236.910	200.944	173.691	164.786
71.0	239.137	228.389	193.267	166.897	158.145
71.5	230.423	219.791	185.590	160.141	151.735
72.0	221.748	211.423	177.990	153.424	145.324
72.5	213.112	203.132	170.428	146.860	139.106
73.0	204.706	194.956	163.020	140.258	133.003
73.5	196.299	186.665	155.727	133.963	126.900
74.0	188.047	178.527	148.510	127.629	120.835
74.5	179.871	170.543	141.371	121.488	115.077
75.0	171.810	162.674	134.270	115.308	109.358
75.5	163.903	154.959	127.399	109.435	103.677
76.0	156.187	147.320	120.681	103.562	98.188
76.5	148.434	139.682	113.964	97.919	92.814
77.0	141.102	132.235	107.516	92.277	87.479
77.5	133.656	124.904	101.105	86.826	82.258
78.0	126.247	117.687	94.772	81.491	77.307
78.5	118.916	110.548	88.707	76.309	72.278
79.0	111.930	103.677	82.757	71.204	67.442
79.5	105.059	96.691	76.961	66.098	62.721
80.0	98.226	90.012	71.204	61.300	58.153
80.5	91.432	83.372	65.599	56.541	53.623
81.0	84.869	76.923	60.226	52.011	49.324
81.5	78.382	70.666	54.967	47.520	45.064
82.0	72.125	64.333	49.977	43.144	40.841
82.5	66.022	58.345	45.064	38.884	36.811

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CANDELA TABULATION - (Cont.)

83.0	59.995	52.433	40.304	34.738	32.704
83.5	54.046	46.791	35.813	30.669	28.789
84.0	48.365	41.264	31.437	26.677	24.988
84.5	42.761	36.043	27.253	22.877	21.342
85.0	37.463	31.015	23.223	19.308	17.772
85.5	32.320	26.178	19.384	15.661	13.934
86.0	27.483	21.572	15.930	11.899	9.711
86.5	22.685	17.427	12.590	7.523	5.988
87.0	18.271	13.511	8.982	4.760	4.261
87.5	14.164	10.057	5.182	3.647	3.339
88.0	10.364	6.871	3.263	2.802	2.610
88.5	7.140	3.838	2.418	2.034	1.804
89.0	4.491	1.919	1.612	1.305	1.152
89.5	2.226	1.036	0.883	0.653	0.576
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-L19-927-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-L19-927-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-L19-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	502.02	N.A.	16.50
0-30	1029.06	N.A.	33.70
0-40	1609.63	N.A.	52.80
0-60	2579.5	N.A.	84.50
0-80	3019.6	N.A.	99.00
0-90	3051.2	N.A.	100.00
10-90	2918.47	N.A.	95.60
20-40	1107.6	N.A.	36.30
20-50	1645.98	N.A.	53.90
40-70	1262.32	N.A.	41.40
60-80	440.11	N.A.	14.40
70-80	147.66	N.A.	4.80
80-90	31.60	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	3051.2	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	132.73
10-20	369.29
20-30	527.04
30-40	580.57
40-50	538.38
50-60	431.49
60-70	292.45
70-80	147.66
80-90	31.60
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-L19-927-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-L19-927-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

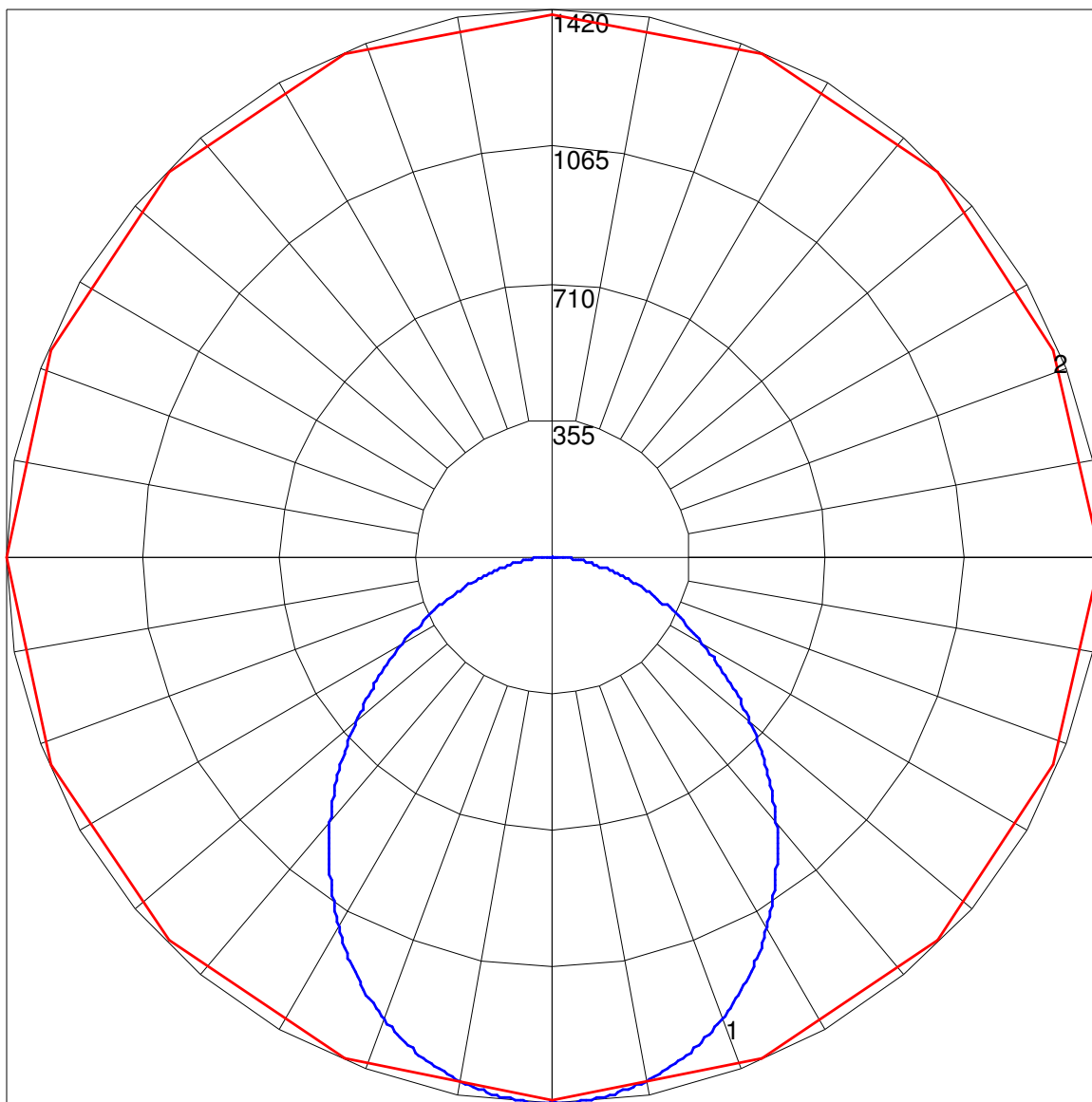
Reflectances

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	20.8	22.4	21.2	22.7	23.0	19.1	20.6	19.5	21.0	21.3
	3H	22.4	23.8	22.8	24.1	24.5	20.4	21.8	20.8	22.2	22.5
	4H	23.0	24.3	23.4	24.6	25.0	20.9	22.2	21.3	22.5	22.9
	6H	23.4	24.5	23.8	24.9	25.3	21.1	22.3	21.5	22.7	23.1
	8H	23.4	24.6	23.9	25.0	25.4	21.2	22.3	21.6	22.7	23.1
	12H	23.5	24.6	23.9	25.0	25.4	21.2	22.3	21.6	22.7	23.1
4H	2H	21.2	22.5	21.6	22.9	23.2	19.8	21.1	20.2	21.4	21.8
	3H	23.0	24.1	23.4	24.5	24.9	21.3	22.4	21.7	22.8	23.2
	4H	23.7	24.7	24.1	25.1	25.5	21.8	22.8	22.3	23.2	23.7
	6H	24.2	25.0	24.6	25.5	25.9	22.2	23.0	22.6	23.5	23.9
	8H	24.3	25.1	24.8	25.6	26.0	22.3	23.1	22.7	23.5	24.0
	12H	24.4	25.1	24.9	25.6	26.1	22.3	23.0	22.8	23.5	24.0
8H	4H	23.8	24.6	24.3	25.0	25.5	22.1	22.9	22.6	23.4	23.8
	6H	24.4	25.1	24.9	25.5	26.0	22.6	23.2	23.1	23.7	24.2
	8H	24.6	25.2	25.1	25.7	26.2	22.7	23.3	23.2	23.8	24.3
	12H	24.7	25.3	25.3	25.8	26.3	22.8	23.3	23.3	23.8	24.3
12H	4H	23.8	24.5	24.3	25.0	25.5	22.2	22.9	22.7	23.4	23.8
	6H	24.4	25.0	24.9	25.5	26.0	22.6	23.2	23.1	23.7	24.2
	8H	24.6	25.2	25.1	25.6	26.2	22.8	23.3	23.3	23.8	24.3

Maximum UGR = 26.3

POLAR GRAPH



Maximum Candela = 1420.234 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.)