

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L8-830-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-4-L8-830-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	3243
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
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	7911	7014	6209
55	6925	5985	5084
65	5892	4923	4090
75	4731	3697	3011
85	3063	1899	1453

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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	1502.278	1502.278	1502.278	1502.278	1502.278
0.5	1509.622	1499.014	1502.686	1501.462	1500.646
1.0	1509.214	1498.606	1502.278	1501.054	1500.238
1.5	1508.806	1497.790	1501.870	1500.238	1499.422
2.0	1507.990	1497.382	1500.646	1498.606	1499.014
2.5	1507.582	1496.566	1499.830	1497.790	1497.382
3.0	1506.358	1495.342	1498.606	1495.750	1495.342
3.5	1505.542	1494.118	1496.974	1494.118	1493.302
4.0	1503.502	1492.486	1495.342	1492.078	1490.854
4.5	1502.686	1490.854	1493.302	1489.630	1487.998
5.0	1500.646	1489.222	1490.854	1487.182	1485.550
5.5	1499.830	1486.774	1488.406	1483.918	1481.878
6.0	1496.158	1484.734	1485.550	1480.654	1478.614
6.5	1494.118	1482.694	1482.286	1476.982	1474.534
7.0	1491.670	1479.838	1479.430	1473.310	1470.862
7.5	1489.222	1476.982	1475.758	1469.230	1466.374
8.0	1486.366	1473.718	1472.494	1464.742	1461.478
8.5	1483.510	1470.862	1468.822	1459.846	1456.581
9.0	1480.246	1467.598	1464.334	1454.949	1451.685
9.5	1476.574	1463.518	1460.254	1449.645	1445.973
10.0	1473.718	1459.846	1455.357	1444.749	1440.669
10.5	1469.230	1455.765	1450.869	1439.445	1434.957
11.0	1465.150	1451.685	1445.565	1433.325	1429.245
11.5	1461.070	1447.197	1440.261	1427.205	1422.309
12.0	1456.581	1442.709	1434.957	1420.677	1415.781
12.5	1451.277	1437.405	1429.245	1414.149	1408.437
13.0	1446.789	1432.509	1423.125	1407.213	1401.501
13.5	1442.301	1427.205	1417.005	1400.277	1394.565
14.0	1436.589	1421.901	1410.885	1392.525	1386.404
14.5	1431.693	1415.781	1403.949	1385.180	1378.652
15.0	1425.981	1410.069	1397.013	1377.428	1370.492
15.5	1420.269	1403.949	1390.076	1369.268	1362.332
16.0	1414.149	1397.829	1382.732	1361.108	1353.356
16.5	1408.437	1391.709	1375.388	1352.540	1344.788
17.0	1401.909	1384.772	1367.636	1343.972	1335.404
17.5	1395.789	1377.836	1360.292	1334.996	1326.020
18.0	1388.852	1371.308	1352.132	1326.020	1316.635
18.5	1382.732	1363.964	1343.972	1316.635	1306.435
19.0	1375.388	1356.620	1335.404	1306.843	1296.235
19.5	1368.452	1349.276	1326.836	1297.459	1286.035
20.0	1361.108	1341.524	1317.859	1287.667	1275.835
20.5	1353.764	1333.772	1308.883	1277.467	1265.227
21.0	1346.012	1326.020	1299.907	1267.267	1254.210
21.5	1338.668	1317.451	1290.523	1256.659	1243.602
22.0	1330.508	1309.291	1280.731	1246.050	1232.994
22.5	1322.347	1300.723	1270.939	1235.442	1221.570
23.0	1314.595	1292.563	1261.555	1224.018	1210.146
23.5	1306.435	1283.587	1251.354	1213.002	1198.722
24.0	1297.867	1274.611	1241.154	1201.986	1186.889
24.5	1289.299	1265.635	1230.546	1190.562	1175.465
25.0	1280.323	1256.659	1220.346	1179.137	1163.633
25.5	1270.939	1246.866	1209.738	1167.305	1150.985
26.0	1261.963	1237.482	1198.314	1155.473	1138.745
26.5	1252.986	1227.690	1187.706	1143.641	1126.097

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CANDELA TABULATION - (Cont.)

27.0	1243.194	1217.898	1176.281	1131.401	1113.856
27.5	1232.994	1207.698	1165.265	1119.160	1101.616
28.0	1223.610	1197.906	1153.841	1106.512	1088.560
28.5	1213.818	1187.706	1142.825	1094.272	1075.912
29.0	1204.026	1177.505	1131.401	1081.624	1063.672
29.5	1192.602	1166.897	1119.568	1068.976	1050.615
30.0	1181.585	1155.881	1107.736	1056.328	1037.967
30.5	1171.385	1145.273	1096.312	1044.087	1024.911
31.0	1160.777	1134.665	1084.480	1031.439	1011.855
31.5	1150.577	1123.649	1072.648	1018.383	998.799
32.0	1139.153	1112.632	1060.408	1005.735	986.151
32.5	1128.545	1101.208	1048.575	992.679	972.686
33.0	1117.528	1090.192	1035.927	980.030	960.038
33.5	1106.512	1078.768	1024.503	966.974	946.166
34.0	1095.904	1067.344	1011.855	954.326	933.518
34.5	1084.888	1056.328	999.615	941.678	920.870
35.0	1073.872	1044.495	986.967	928.622	907.813
35.5	1062.448	1032.663	974.726	916.382	894.349
36.0	1051.840	1021.239	962.486	903.325	882.109
36.5	1040.415	1009.407	949.838	890.677	869.053
37.0	1028.583	997.575	938.006	878.029	856.813
37.5	1017.159	985.743	925.766	864.973	843.756
38.0	1005.735	973.502	913.117	852.325	830.700
38.5	993.903	962.078	900.877	839.676	818.052
39.0	981.662	949.838	888.637	827.028	805.404
39.5	970.238	938.006	875.989	814.380	792.756
40.0	958.406	925.766	863.749	802.548	780.516
40.5	945.758	913.933	851.101	789.900	767.459
41.0	933.926	901.693	838.860	777.251	753.995
41.5	922.094	889.861	826.620	764.603	741.347
42.0	909.445	877.621	814.380	751.547	728.291
42.5	896.389	864.973	802.140	739.307	715.643
43.0	884.149	852.733	789.900	725.843	702.994
43.5	872.317	840.900	777.659	713.195	691.162
44.0	859.261	828.660	765.419	701.362	678.922
44.5	847.020	816.420	751.955	689.122	666.682
45.0	834.372	804.588	739.715	677.290	654.850
45.5	821.724	791.940	727.067	665.458	642.609
46.0	809.484	780.107	715.235	653.626	630.777
46.5	797.244	767.867	703.402	642.201	619.353
47.0	784.596	755.627	691.570	630.369	607.521
47.5	771.947	742.571	680.146	618.945	596.097
48.0	759.707	729.923	668.722	607.521	584.265
48.5	747.059	718.091	656.890	596.097	572.840
49.0	733.595	705.850	645.466	584.673	561.824
49.5	721.763	694.426	634.449	573.248	550.808
50.0	709.522	682.594	623.025	562.232	539.792
50.5	698.098	670.762	611.601	551.216	528.776
51.0	685.858	659.338	600.177	539.792	517.760
51.5	674.026	647.506	589.161	529.184	507.151
52.0	662.602	635.673	577.737	518.168	496.543
52.5	650.770	624.249	566.720	507.559	486.343
53.0	638.937	612.825	555.704	496.951	476.143
53.5	627.105	601.401	545.096	486.343	465.535
54.0	615.681	589.977	533.672	476.143	455.335
54.5	603.849	578.961	523.064	465.535	445.135

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CANDELA TABULATION - (Cont.)

55.0	592.425	567.536	512.048	455.743	434.934
55.5	580.593	556.520	501.439	445.135	425.142
56.0	568.760	545.096	490.831	435.342	415.350
56.5	557.336	534.080	480.223	425.550	406.170
57.0	545.504	523.064	469.207	415.758	396.500
57.5	534.080	512.456	459.007	405.966	387.075
58.0	522.656	501.439	448.399	396.337	377.814
58.5	511.232	490.423	437.790	386.831	368.552
59.0	499.807	479.815	427.590	377.487	359.372
59.5	488.383	469.207	417.390	368.144	350.436
60.0	477.367	458.599	407.108	358.760	341.542
60.5	466.351	447.991	397.153	349.620	332.647
61.0	455.335	437.790	386.994	340.563	323.916
61.5	444.727	427.182	377.120	331.423	315.307
62.0	433.710	416.574	367.165	322.692	306.984
62.5	423.102	406.496	357.536	313.920	298.497
63.0	412.494	396.419	347.948	305.188	290.174
63.5	402.090	386.341	338.359	296.376	281.769
64.0	391.971	376.345	329.016	287.889	273.690
64.5	381.526	366.349	319.591	279.443	265.653
65.0	371.408	356.556	310.329	270.998	257.819
65.5	361.371	346.642	300.986	262.715	249.822
66.0	351.375	336.809	291.969	254.637	241.988
66.5	341.460	327.098	282.911	246.436	234.073
67.0	331.423	317.469	273.976	238.316	226.484
67.5	321.386	307.841	265.163	230.483	218.895
68.0	311.757	298.375	256.269	222.608	211.225
68.5	301.924	288.991	247.578	214.856	203.840
69.0	292.173	279.607	238.969	207.145	196.496
69.5	282.707	270.263	230.564	199.515	189.356
70.0	273.119	260.961	221.996	192.048	182.134
70.5	263.653	251.821	213.591	184.623	175.157
71.0	254.188	242.764	205.431	177.401	168.098
71.5	244.926	233.624	197.271	170.220	161.285
72.0	235.705	224.730	189.192	163.080	154.471
72.5	226.525	215.917	181.155	156.103	147.861
73.0	217.590	207.226	173.280	149.085	141.374
73.5	208.654	198.413	165.528	142.394	134.887
74.0	199.882	189.764	157.858	135.662	128.440
74.5	191.192	181.277	150.269	129.134	122.320
75.0	182.623	172.913	142.721	122.565	116.241
75.5	174.219	164.712	135.417	116.323	110.202
76.0	166.018	156.593	128.277	110.080	104.368
76.5	157.776	148.473	121.137	104.082	98.656
77.0	149.983	140.558	114.282	98.085	92.985
77.5	142.068	132.765	107.469	92.291	87.436
78.0	134.193	125.095	100.737	86.620	82.172
78.5	126.400	117.506	94.290	81.112	76.828
79.0	118.975	110.202	87.966	75.685	71.687
79.5	111.671	102.777	81.805	70.259	66.668
80.0	104.409	95.677	75.685	65.159	61.813
80.5	97.187	88.619	69.728	60.099	56.998
81.0	90.210	81.764	64.016	55.285	52.429
81.5	83.315	75.114	58.426	50.511	47.900
82.0	76.664	68.382	53.122	45.860	43.412
82.5	70.177	62.017	47.900	41.331	39.128

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CANDELA TABULATION - (Cont.)

83.0	63.771	55.734	42.841	36.925	34.762
83.5	57.447	49.736	38.067	32.600	30.600
84.0	51.409	43.861	33.416	28.356	26.561
84.5	45.452	38.312	28.968	24.317	22.685
85.0	39.821	32.967	24.684	20.523	18.891
85.5	34.354	27.826	20.604	16.647	14.811
86.0	29.213	22.930	16.932	12.648	10.323
86.5	24.113	18.523	13.383	7.997	6.365
87.0	19.421	14.362	9.547	5.059	4.529
87.5	15.055	10.690	5.508	3.876	3.550
88.0	11.016	7.303	3.468	2.978	2.774
88.5	7.589	4.080	2.570	2.162	1.918
89.0	4.774	2.040	1.714	1.387	1.224
89.5	2.366	1.102	0.938	0.694	0.612
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-L8-830-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 : LRX4X-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 : LRX4X-4-L8-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	533.62	N.A.	16.50
0-30	1093.83	N.A.	33.70
0-40	1710.94	N.A.	52.80
0-60	2741.85	N.A.	84.50
0-80	3209.65	N.A.	99.00
0-90	3243.24	N.A.	100.00
10-90	3102.16	N.A.	95.60
20-40	1177.31	N.A.	36.30
20-50	1749.58	N.A.	53.90
40-70	1341.76	N.A.	41.40
60-80	467.81	N.A.	14.40
70-80	156.95	N.A.	4.80
80-90	33.59	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	3243.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	141.09
10-20	392.54
20-30	560.21
30-40	617.11
40-50	572.26
50-60	458.65
60-70	310.85
70-80	156.95
80-90	33.59
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-L8-830-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	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-L8-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

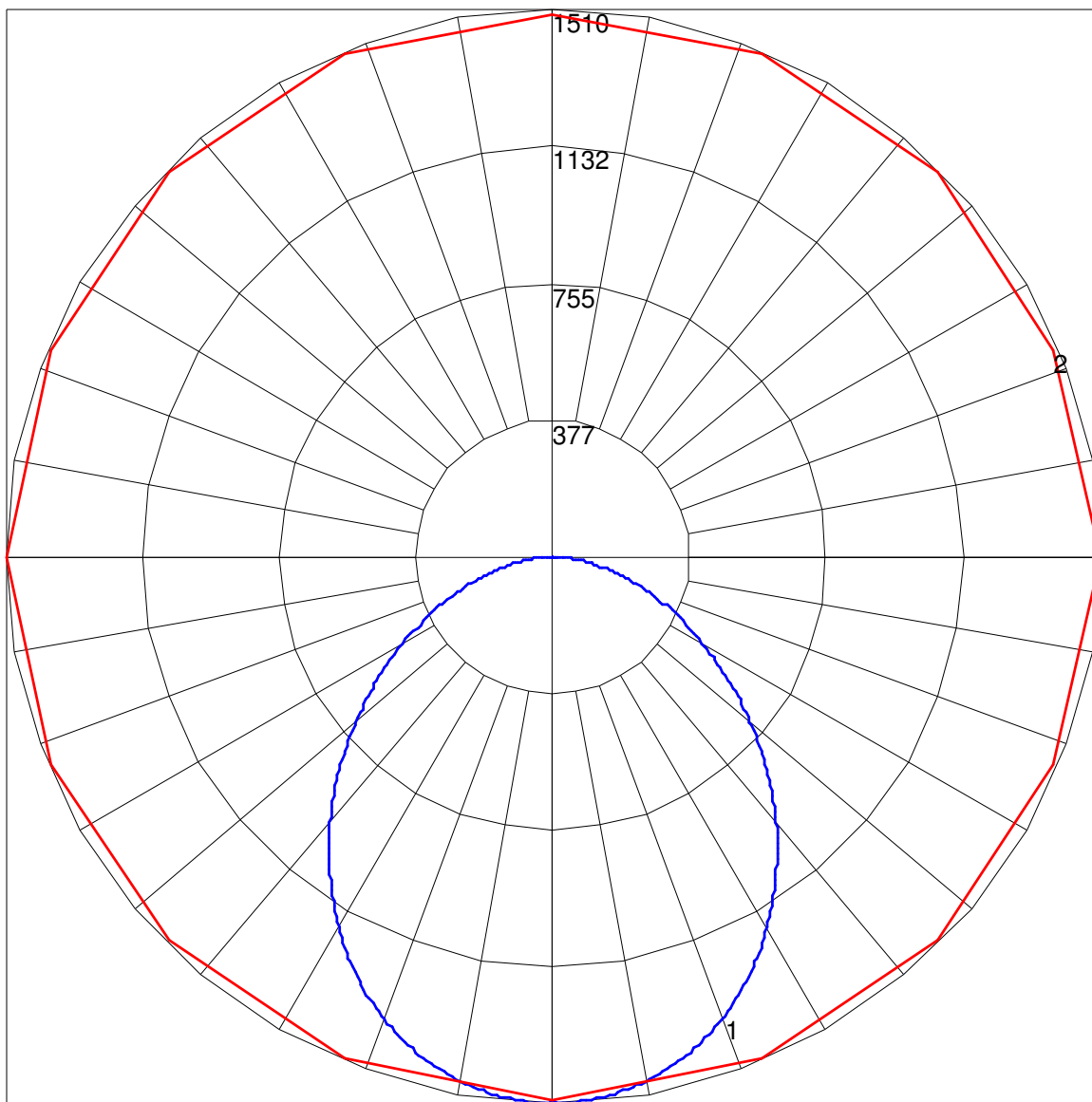
Reflectances

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	18.6	20.2	19.0	20.5	20.8	16.9	18.4	17.3	18.7	19.1
	3H	20.2	21.6	20.6	21.9	22.3	18.2	19.6	18.6	19.9	20.3
	4H	20.8	22.1	21.2	22.4	22.8	18.7	20.0	19.1	20.3	20.7
	6H	21.1	22.3	21.6	22.7	23.1	18.9	20.1	19.3	20.5	20.9
	8H	21.2	22.4	21.7	22.8	23.2	19.0	20.1	19.4	20.5	20.9
	12H	21.3	22.4	21.7	22.8	23.2	19.0	20.1	19.4	20.5	20.9
4H	2H	19.0	20.3	19.4	20.6	21.0	17.6	18.9	18.0	19.2	19.6
	3H	20.8	21.9	21.2	22.3	22.7	19.1	20.2	19.5	20.6	21.0
	4H	21.5	22.4	21.9	22.9	23.3	19.6	20.6	20.1	21.0	21.5
	6H	22.0	22.8	22.4	23.3	23.7	20.0	20.8	20.4	21.3	21.7
	8H	22.1	22.9	22.6	23.4	23.8	20.1	20.8	20.5	21.3	21.8
	12H	22.2	22.9	22.7	23.4	23.9	20.1	20.8	20.6	21.3	21.7
8H	4H	21.6	22.4	22.1	22.8	23.3	19.9	20.7	20.4	21.2	21.6
	6H	22.2	22.8	22.7	23.3	23.8	20.4	21.0	20.8	21.5	22.0
	8H	22.4	23.0	22.9	23.5	24.0	20.5	21.1	21.0	21.6	22.1
	12H	22.5	23.1	23.0	23.5	24.1	20.5	21.1	21.1	21.6	22.1
12H	4H	21.6	22.3	22.1	22.8	23.3	20.0	20.7	20.4	21.1	21.6
	6H	22.2	22.8	22.7	23.3	23.8	20.4	21.0	20.9	21.5	22.0
	8H	22.4	22.9	22.9	23.4	24.0	20.6	21.1	21.1	21.6	22.1

Maximum UGR = 24.1

POLAR GRAPH



Maximum Candela = 1509.622 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.)