

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L15-840-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-L15-840-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	3092
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	25.6
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	15085	13373	11839
55	13204	11412	9694
65	11235	9387	7799
75	9020	7049	5741
85	5841	3621	2771

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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	1432.251	1432.251	1432.251	1432.251	1432.251
0.5	1439.253	1429.139	1432.640	1431.473	1430.695
1.0	1438.864	1428.750	1432.251	1431.084	1430.306
1.5	1438.475	1427.972	1431.862	1430.306	1429.528
2.0	1437.697	1427.583	1430.695	1428.750	1429.139
2.5	1437.308	1426.805	1429.917	1427.972	1427.583
3.0	1436.141	1425.638	1428.750	1426.027	1425.638
3.5	1435.363	1424.472	1427.194	1424.472	1423.694
4.0	1433.418	1422.916	1425.638	1422.527	1421.360
4.5	1432.640	1421.360	1423.694	1420.193	1418.637
5.0	1430.695	1419.804	1421.360	1417.859	1416.303
5.5	1429.917	1417.470	1419.026	1414.747	1412.802
6.0	1426.416	1415.525	1416.303	1411.635	1409.690
6.5	1424.472	1413.580	1413.191	1408.134	1405.800
7.0	1422.138	1410.857	1410.468	1404.633	1402.299
7.5	1419.804	1408.134	1406.967	1400.743	1398.020
8.0	1417.081	1405.022	1403.855	1396.464	1393.353
8.5	1414.358	1402.299	1400.354	1391.797	1388.685
9.0	1411.246	1399.187	1396.075	1387.129	1384.017
9.5	1407.745	1395.297	1392.186	1382.072	1378.571
10.0	1405.022	1391.797	1387.518	1377.404	1373.514
10.5	1400.743	1387.907	1383.239	1372.347	1368.068
11.0	1396.853	1384.017	1378.182	1366.512	1362.623
11.5	1392.964	1379.738	1373.125	1360.678	1356.010
12.0	1388.685	1375.459	1368.068	1354.454	1349.786
12.5	1383.628	1370.402	1362.623	1348.230	1342.784
13.0	1379.349	1365.734	1356.788	1341.617	1336.171
13.5	1375.070	1360.678	1350.953	1335.004	1329.559
14.0	1369.624	1355.621	1345.118	1327.614	1321.779
14.5	1364.956	1349.786	1338.505	1320.612	1314.388
15.0	1359.511	1344.340	1331.893	1313.221	1306.608
15.5	1354.065	1338.505	1325.280	1305.441	1298.829
16.0	1348.230	1332.670	1318.278	1297.662	1290.271
16.5	1342.784	1326.836	1311.276	1289.493	1282.102
17.0	1336.560	1320.223	1303.885	1281.324	1273.155
17.5	1330.726	1313.610	1296.884	1272.766	1264.209
18.0	1324.113	1307.386	1289.104	1264.209	1255.262
18.5	1318.278	1300.385	1281.324	1255.262	1245.537
19.0	1311.276	1293.383	1273.155	1245.926	1235.813
19.5	1304.663	1286.381	1264.987	1236.980	1226.088
20.0	1297.662	1278.990	1256.429	1227.644	1216.363
20.5	1290.660	1271.599	1247.871	1217.919	1206.250
21.0	1283.269	1264.209	1239.314	1208.195	1195.747
21.5	1276.267	1256.040	1230.367	1198.081	1185.633
22.0	1268.488	1248.260	1221.031	1187.967	1175.520
22.5	1260.708	1240.092	1211.695	1177.854	1164.628
23.0	1253.317	1232.312	1202.749	1166.962	1153.736
23.5	1245.537	1223.754	1193.024	1156.459	1142.845
24.0	1237.369	1215.196	1183.299	1145.957	1131.564
24.5	1229.200	1206.639	1173.186	1135.065	1120.672
25.0	1220.642	1198.081	1163.461	1124.173	1109.392
25.5	1211.695	1188.745	1153.347	1112.893	1097.333
26.0	1203.138	1179.798	1142.456	1101.612	1085.664
26.5	1194.580	1170.463	1132.342	1090.331	1073.605

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PHOTOMETRIC FILENAME : LRX4X-2-L15-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1185.244	1161.127	1121.450	1078.662	1061.935
27.5	1175.520	1151.402	1110.948	1066.992	1050.266
28.0	1166.573	1142.067	1100.056	1054.934	1037.818
28.5	1157.237	1132.342	1089.553	1043.264	1025.760
29.0	1147.902	1122.617	1078.662	1031.205	1014.090
29.5	1137.010	1112.504	1067.381	1019.147	1001.642
30.0	1126.507	1102.001	1056.101	1007.088	989.584
30.5	1116.783	1091.887	1045.209	995.419	977.136
31.0	1106.669	1081.774	1033.928	983.360	964.689
31.5	1096.944	1071.271	1022.648	970.912	952.241
32.0	1086.053	1060.768	1010.978	958.854	940.182
32.5	1075.939	1049.877	999.697	946.406	927.346
33.0	1065.436	1039.374	987.639	934.348	915.287
33.5	1054.934	1028.482	976.747	921.900	902.062
34.0	1044.820	1017.591	964.689	909.841	890.003
34.5	1034.317	1007.088	953.019	897.783	877.944
35.0	1023.815	995.807	940.960	885.335	865.497
35.5	1012.923	984.527	929.291	873.665	852.660
36.0	1002.809	973.635	917.621	861.218	840.991
36.5	991.918	962.355	905.562	849.159	828.543
37.0	980.637	951.074	894.282	837.101	816.873
37.5	969.745	939.793	882.612	824.653	804.426
38.0	958.854	928.124	870.554	812.594	791.978
38.5	947.573	917.232	858.884	800.536	779.920
39.0	935.903	905.562	847.214	788.477	767.861
39.5	925.012	894.282	835.156	776.419	755.802
40.0	913.731	882.612	823.486	765.138	744.133
40.5	901.673	871.332	811.428	753.079	731.685
41.0	890.392	859.662	799.758	741.021	718.849
41.5	879.111	848.381	788.088	728.962	706.790
42.0	867.053	836.712	776.419	716.515	694.342
42.5	854.605	824.653	764.749	704.845	682.284
43.0	842.935	812.983	753.079	692.008	670.225
43.5	831.655	801.703	741.410	679.950	658.944
44.0	819.207	790.033	729.740	668.669	647.275
44.5	807.538	778.364	716.904	657.000	635.605
45.0	795.479	767.083	705.234	645.719	624.325
45.5	783.420	755.024	693.175	634.438	612.655
46.0	771.751	743.744	681.895	623.158	601.374
46.5	760.081	732.074	670.614	612.266	590.483
47.0	748.023	720.404	659.333	600.985	579.202
47.5	735.964	707.957	648.442	590.094	568.310
48.0	724.294	695.898	637.550	579.202	557.030
48.5	712.236	684.618	626.270	568.310	546.138
49.0	699.399	672.948	615.378	557.419	535.636
49.5	688.119	662.056	604.875	546.527	525.133
50.0	676.449	650.776	593.984	536.025	514.630
50.5	665.557	639.495	583.092	525.522	504.128
51.0	653.888	628.603	572.200	514.630	493.625
51.5	642.607	617.323	561.698	504.517	483.511
52.0	631.715	606.042	550.806	494.014	473.398
52.5	620.435	595.151	540.303	483.900	463.673
53.0	609.154	584.259	529.801	473.787	453.948
53.5	597.873	573.367	519.687	463.673	443.835
54.0	586.982	562.476	508.795	453.948	434.110
54.5	575.701	551.973	498.682	443.835	424.385

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CANDELA TABULATION - (Cont.)

55.0	564.810	541.081	488.179	434.499	414.660
55.5	553.529	530.579	478.065	424.385	405.325
56.0	542.248	519.687	467.952	415.049	395.989
56.5	531.357	509.184	457.838	405.714	387.237
57.0	520.076	498.682	447.335	396.378	378.018
57.5	509.184	488.568	437.611	387.042	369.032
58.0	498.293	478.065	427.497	377.862	360.202
58.5	487.401	467.563	417.383	368.799	351.372
59.0	476.509	457.449	407.659	359.891	342.620
59.5	465.618	447.335	397.934	350.983	334.101
60.0	455.115	437.222	388.132	342.037	325.621
60.5	444.612	427.108	378.640	333.323	317.141
61.0	434.110	417.383	368.954	324.688	308.817
61.5	423.996	407.270	359.541	315.974	300.609
62.0	413.494	397.156	350.050	307.650	292.674
62.5	403.380	387.548	340.870	299.287	284.583
63.0	393.266	377.940	331.728	290.963	276.648
63.5	383.347	368.332	322.587	282.560	268.635
64.0	373.700	358.802	313.679	274.469	260.933
64.5	363.742	349.272	304.694	266.417	253.270
65.0	354.095	339.936	295.864	258.365	245.801
65.5	344.526	330.484	286.956	250.469	238.177
66.0	334.996	321.109	278.359	242.767	230.708
66.5	325.543	311.851	269.724	234.948	223.162
67.0	315.974	302.671	261.205	227.207	215.927
67.5	306.405	293.491	252.803	219.739	208.692
68.0	297.225	284.466	244.323	212.231	201.379
68.5	287.851	275.520	236.037	204.841	194.338
69.0	278.554	266.573	227.830	197.489	187.336
69.5	269.529	257.665	219.817	190.215	180.529
70.0	260.388	248.796	211.648	183.096	173.644
70.5	251.364	240.083	203.635	176.017	166.992
71.0	242.339	231.447	195.855	169.132	160.263
71.5	233.509	222.734	188.075	162.286	153.767
72.0	224.718	214.254	180.373	155.478	147.271
72.5	215.966	205.852	172.710	148.827	140.969
73.0	207.447	197.567	165.203	142.136	134.784
73.5	198.928	189.165	157.812	135.757	128.599
74.0	190.565	180.918	150.499	129.338	122.453
74.5	182.279	172.827	143.264	123.114	116.618
75.0	174.111	164.853	136.068	116.852	110.822
75.5	166.098	157.034	129.105	110.900	105.065
76.0	158.279	149.293	122.298	104.949	99.503
76.5	150.421	141.552	115.490	99.231	94.057
77.0	142.992	134.006	108.955	93.513	88.650
77.5	135.445	126.576	102.459	87.989	83.360
78.0	127.938	119.264	96.041	82.582	78.342
78.5	120.508	112.028	89.895	77.331	73.246
79.0	113.429	105.065	83.866	72.157	68.345
79.5	106.466	97.986	77.992	66.984	63.561
80.0	99.542	91.218	72.157	62.121	58.932
80.5	92.657	84.488	66.478	57.298	54.342
81.0	86.005	77.953	61.032	52.708	49.985
81.5	79.431	71.613	55.703	48.157	45.667
82.0	73.091	65.194	50.646	43.722	41.388
82.5	66.906	59.126	45.667	39.404	37.304

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CANDELA TABULATION - (Cont.)

83.0	60.799	53.136	40.844	35.203	33.142
83.5	54.769	47.418	36.293	31.080	29.174
84.0	49.012	41.816	31.858	27.035	25.323
84.5	43.333	36.526	27.618	23.184	21.628
85.0	37.965	31.430	23.534	19.566	18.010
85.5	32.753	26.529	19.644	15.871	14.120
86.0	27.851	21.861	16.143	12.059	9.841
86.5	22.989	17.660	12.759	7.624	6.068
87.0	18.516	13.692	9.102	4.823	4.318
87.5	14.354	10.191	5.251	3.695	3.384
88.0	10.503	6.963	3.306	2.840	2.645
88.5	7.235	3.890	2.451	2.062	1.828
89.0	4.551	1.945	1.634	1.323	1.167
89.5	2.256	1.050	0.895	0.661	0.583
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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PHOTOMETRIC FILENAME : LRX4X-2-L15-840-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 : LRX4X-2-L15-840-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-L15-840-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-L15-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	508.75	N.A.	16.50
0-30	1042.84	N.A.	33.70
0-40	1631.18	N.A.	52.80
0-60	2614.04	N.A.	84.50
0-80	3060.04	N.A.	99.00
0-90	3092.06	N.A.	100.00
10-90	2957.55	N.A.	95.60
20-40	1122.44	N.A.	36.30
20-50	1668.02	N.A.	53.90
40-70	1279.22	N.A.	41.40
60-80	446.00	N.A.	14.40
70-80	149.64	N.A.	4.80
80-90	32.02	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	3092.06	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	134.51
10-20	374.24
20-30	534.10
30-40	588.34
40-50	545.59
50-60	437.27
60-70	296.36
70-80	149.64
80-90	32.02
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 : LRX4X-2-L15-840-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-L15-840-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

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

UGR Viewed Endwise

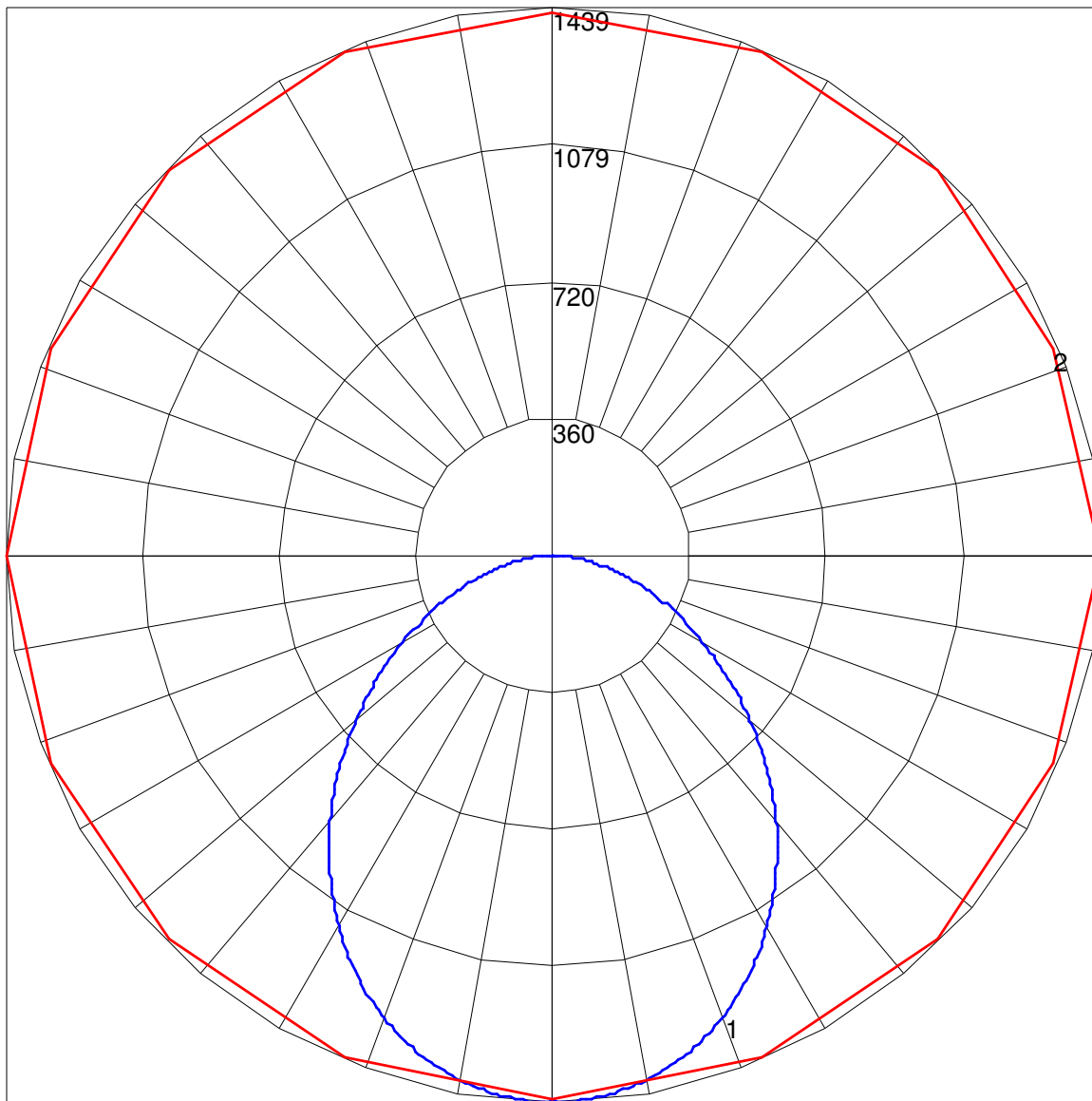
4H	2H	21.2	22.5	21.6	22.9	23.2	19.8	21.1	20.2	21.4	21.8
	3H	23.0	24.1	23.4	24.5	24.9	21.3	22.4	21.7	22.8	23.2
	4H	23.7	24.7	24.1	25.1	25.5	21.8	22.8	22.3	23.2	23.7
	6H	24.2	25.0	24.6	25.5	25.9	22.2	23.0	22.6	23.5	23.9
	8H	24.3	25.1	24.8	25.6	26.0	22.3	23.1	22.7	23.5	24.0
	12H	24.4	25.1	24.9	25.6	26.1	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 = 1439.253 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.)