

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L15-827-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-L15-827-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	2912
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
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	14206	12594	11149
55	12435	10748	9129
65	10580	8840	7344
75	8495	6639	5407
85	5501	3410	2609

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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	1348.819	1348.819	1348.819	1348.819	1348.819
0.5	1355.413	1345.889	1349.186	1348.087	1347.354
1.0	1355.047	1345.522	1348.819	1347.720	1346.988
1.5	1354.681	1344.790	1348.453	1346.988	1346.255
2.0	1353.948	1344.423	1347.354	1345.522	1345.889
2.5	1353.582	1343.691	1346.621	1344.790	1344.423
3.0	1352.483	1342.592	1345.522	1342.958	1342.592
3.5	1351.750	1341.493	1344.057	1341.493	1340.760
4.0	1349.918	1340.028	1342.592	1339.661	1338.562
4.5	1349.186	1338.562	1340.760	1337.463	1335.998
5.0	1347.354	1337.097	1338.562	1335.265	1333.800
5.5	1346.621	1334.899	1336.364	1332.335	1330.503
6.0	1343.324	1333.067	1333.800	1329.404	1327.572
6.5	1341.493	1331.236	1330.869	1326.107	1323.909
7.0	1339.295	1328.671	1328.305	1322.810	1320.612
7.5	1337.097	1326.107	1325.008	1319.147	1316.583
8.0	1334.533	1323.176	1322.077	1315.117	1312.187
8.5	1331.968	1320.612	1318.780	1310.721	1307.791
9.0	1329.038	1317.681	1314.751	1306.325	1303.395
9.5	1325.741	1314.018	1311.088	1301.563	1298.266
10.0	1323.176	1310.721	1306.692	1297.167	1293.504
10.5	1319.147	1307.058	1302.662	1292.405	1288.375
11.0	1315.484	1303.395	1297.900	1286.910	1283.247
11.5	1311.820	1299.365	1293.138	1281.415	1277.019
12.0	1307.791	1295.335	1288.375	1275.554	1271.158
12.5	1303.028	1290.573	1283.247	1269.693	1264.564
13.0	1298.999	1286.177	1277.752	1263.465	1258.336
13.5	1294.969	1281.415	1272.257	1257.237	1252.109
14.0	1289.841	1276.653	1266.762	1250.277	1244.782
14.5	1285.445	1271.158	1260.534	1243.683	1237.822
15.0	1280.316	1266.029	1254.307	1236.723	1230.495
15.5	1275.187	1260.534	1248.079	1229.396	1223.169
16.0	1269.693	1255.039	1241.485	1222.070	1215.110
16.5	1264.564	1249.545	1234.891	1214.377	1207.417
17.0	1258.703	1243.317	1227.931	1206.684	1198.991
17.5	1253.208	1237.089	1221.337	1198.625	1190.566
18.0	1246.980	1231.228	1214.011	1190.566	1182.140
18.5	1241.485	1224.634	1206.684	1182.140	1172.982
19.0	1234.891	1218.040	1198.991	1173.348	1163.824
19.5	1228.664	1211.446	1191.298	1164.923	1154.666
20.0	1222.070	1204.486	1183.239	1156.131	1145.507
20.5	1215.476	1197.526	1175.180	1146.973	1135.983
21.0	1208.516	1190.566	1167.121	1137.814	1126.092
21.5	1201.922	1182.873	1158.695	1128.290	1116.567
22.0	1194.595	1175.546	1149.903	1118.765	1107.043
22.5	1187.269	1167.853	1141.111	1109.241	1096.786
23.0	1180.309	1160.527	1132.686	1098.984	1086.529
23.5	1172.982	1152.468	1123.528	1089.093	1076.271
24.0	1165.289	1144.408	1114.370	1079.202	1065.648
24.5	1157.596	1136.349	1104.845	1068.945	1055.391
25.0	1149.537	1128.290	1095.687	1058.688	1044.767
25.5	1141.111	1119.498	1086.162	1048.064	1033.411
26.0	1133.052	1111.073	1075.905	1037.441	1022.421
26.5	1124.993	1102.281	1066.381	1026.817	1011.065

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CANDELA TABULATION - (Cont.)

27.0	1116.201	1093.489	1056.123	1015.827	1000.075
27.5	1107.043	1084.331	1046.233	1004.837	989.085
28.0	1098.617	1075.539	1035.975	993.481	977.363
28.5	1089.826	1066.381	1026.084	982.491	966.007
29.0	1081.034	1057.222	1015.827	971.135	955.017
29.5	1070.776	1047.698	1005.204	959.779	943.294
30.0	1060.886	1037.807	994.580	948.423	931.938
30.5	1051.727	1028.282	984.323	937.433	920.216
31.0	1042.203	1018.758	973.700	926.077	908.493
31.5	1033.045	1008.867	963.076	914.354	896.771
32.0	1022.788	998.976	952.086	902.998	885.415
32.5	1013.263	988.719	941.463	891.276	873.326
33.0	1003.372	978.828	930.107	879.920	861.970
33.5	993.481	968.571	919.849	868.197	849.514
34.0	983.957	958.314	908.493	856.841	838.158
34.5	974.066	948.423	897.503	845.485	826.802
35.0	964.175	937.799	886.147	833.762	815.080
35.5	953.918	927.176	875.157	822.772	802.991
36.0	944.393	916.919	864.168	811.050	792.001
36.5	934.136	906.295	852.811	799.694	780.278
37.0	923.513	895.672	842.188	788.338	769.289
37.5	913.255	885.048	831.198	776.615	757.566
38.0	902.998	874.058	819.842	765.259	745.844
38.5	892.375	863.801	808.852	753.903	734.487
39.0	881.385	852.811	797.862	742.547	723.131
39.5	871.128	842.188	786.506	731.191	711.775
40.0	860.504	831.198	775.516	720.567	700.785
40.5	849.148	820.575	764.160	709.211	689.063
41.0	838.525	809.585	753.170	697.855	676.974
41.5	827.901	798.961	742.180	686.499	665.618
42.0	816.545	787.971	731.191	674.776	653.895
42.5	804.822	776.615	720.201	663.786	642.539
43.0	793.833	765.625	709.211	651.697	631.183
43.5	783.209	755.002	698.221	640.341	620.559
44.0	771.487	744.012	687.231	629.718	609.570
44.5	760.497	733.022	675.142	618.728	598.580
45.0	749.141	722.399	664.153	608.104	587.956
45.5	737.784	711.042	652.796	597.481	576.966
46.0	726.795	700.419	642.173	586.857	566.343
46.5	715.805	689.429	631.549	576.600	556.086
47.0	704.449	678.439	620.926	565.977	545.462
47.5	693.092	666.717	610.669	555.719	535.205
48.0	682.103	655.361	600.411	545.462	524.582
48.5	670.746	644.737	589.788	535.205	514.324
49.0	658.658	633.747	579.531	524.948	504.434
49.5	648.034	623.490	569.640	514.691	494.543
50.0	637.044	612.867	559.383	504.800	484.652
50.5	626.787	602.243	549.126	494.909	474.761
51.0	615.797	591.986	538.868	484.652	464.870
51.5	605.174	581.362	528.978	475.127	455.346
52.0	594.917	570.739	518.720	465.236	445.821
52.5	584.293	560.482	508.829	455.712	436.663
53.0	573.670	550.225	498.939	446.187	427.505
53.5	563.046	539.967	489.414	436.663	417.980
54.0	552.789	529.710	479.157	427.505	408.822
54.5	542.165	519.819	469.632	417.980	399.664

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CANDELA TABULATION - (Cont.)

55.0	531.908	509.562	459.742	409.188	390.506
55.5	521.285	499.671	450.217	399.664	381.714
56.0	510.661	489.414	440.692	390.872	372.922
56.5	500.404	479.523	431.168	382.080	364.679
57.0	489.780	469.632	421.277	373.288	355.997
57.5	479.523	460.108	412.119	364.496	347.535
58.0	469.266	450.217	402.594	355.851	339.220
58.5	459.009	440.326	393.070	347.315	330.904
59.0	448.752	430.802	383.912	338.927	322.662
59.5	438.495	421.277	374.753	330.538	314.639
60.0	428.604	411.753	365.522	322.112	306.653
60.5	418.713	402.228	356.584	313.906	298.667
61.0	408.822	393.070	347.462	305.774	290.828
61.5	399.297	383.545	338.597	297.568	283.098
62.0	389.407	374.021	329.658	289.729	275.625
62.5	379.882	364.972	321.013	281.853	268.006
63.0	370.358	355.924	312.404	274.013	260.532
63.5	361.016	346.876	303.796	266.101	252.986
64.0	351.931	337.901	295.407	258.481	245.733
64.5	342.553	328.926	286.945	250.898	238.516
65.0	333.468	320.134	278.629	243.315	231.483
65.5	324.457	311.232	270.240	235.879	224.303
66.0	315.482	302.404	262.144	228.625	217.269
66.5	306.580	293.685	254.012	221.262	210.162
67.0	297.568	285.040	245.989	213.972	203.349
67.5	288.556	276.394	238.077	206.939	196.535
68.0	279.911	267.896	230.091	199.869	189.648
68.5	271.083	259.470	222.288	192.908	183.017
69.0	262.327	251.045	214.558	185.985	176.424
69.5	253.829	242.656	207.012	179.134	170.013
70.0	245.220	234.303	199.319	172.431	163.529
70.5	236.721	226.098	191.773	165.763	157.265
71.0	228.222	217.965	184.446	159.279	150.927
71.5	219.907	209.759	177.120	152.832	144.809
72.0	211.628	201.773	169.866	146.421	138.692
72.5	203.385	193.861	162.650	140.157	132.757
73.0	195.363	186.058	155.579	133.856	126.933
73.5	187.340	178.145	148.619	127.848	121.108
74.0	179.464	170.379	141.732	121.804	115.320
74.5	171.661	162.759	134.919	115.943	109.825
75.0	163.968	155.250	128.142	110.045	104.367
75.5	156.422	147.887	121.584	104.440	98.945
76.0	149.059	140.597	115.173	98.835	93.707
76.5	141.659	133.307	108.763	93.450	88.578
77.0	134.662	126.200	102.608	88.065	83.486
77.5	127.555	119.203	96.491	82.863	78.504
78.0	120.485	112.316	90.446	77.771	73.778
78.5	113.488	105.502	84.658	72.826	68.980
79.0	106.821	98.945	78.980	67.954	64.364
79.5	100.264	92.278	73.449	63.082	59.858
80.0	93.743	85.904	67.954	58.503	55.499
80.5	87.259	79.566	62.605	53.960	51.176
81.0	80.995	73.412	57.477	49.637	47.073
81.5	74.804	67.441	52.458	45.351	43.007
82.0	68.833	61.397	47.696	41.175	38.977
82.5	63.008	55.682	43.007	37.109	35.131

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CANDELA TABULATION - (Cont.)

83.0	57.257	50.040	38.464	33.153	31.211
83.5	51.579	44.655	34.178	29.270	27.475
84.0	46.157	39.380	30.002	25.460	23.848
84.5	40.809	34.398	26.009	21.833	20.368
85.0	35.754	29.599	22.163	18.426	16.961
85.5	30.845	24.984	18.500	14.946	13.298
86.0	26.229	20.588	15.203	11.356	9.268
86.5	21.650	16.631	12.016	7.180	5.715
87.0	17.437	12.895	8.572	4.542	4.066
87.5	13.517	9.598	4.945	3.480	3.187
88.0	9.891	6.557	3.114	2.674	2.491
88.5	6.814	3.663	2.308	1.942	1.722
89.0	4.286	1.832	1.539	1.246	1.099
89.5	2.125	0.989	0.843	0.623	0.549
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-L15-827-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-L15-827-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-L15-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	479.11	N.A.	16.50
0-30	982.10	N.A.	33.70
0-40	1536.16	N.A.	52.80
0-60	2461.77	N.A.	84.50
0-80	2881.78	N.A.	99.00
0-90	2911.94	N.A.	100.00
10-90	2785.27	N.A.	95.60
20-40	1057.05	N.A.	36.30
20-50	1570.86	N.A.	53.90
40-70	1204.7	N.A.	41.40
60-80	420.02	N.A.	14.40
70-80	140.92	N.A.	4.80
80-90	30.16	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	2911.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	126.67
10-20	352.44
20-30	502.98
30-40	554.07
40-50	513.81
50-60	411.80
60-70	279.10
70-80	140.92
80-90	30.16
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-L15-827-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-L15-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

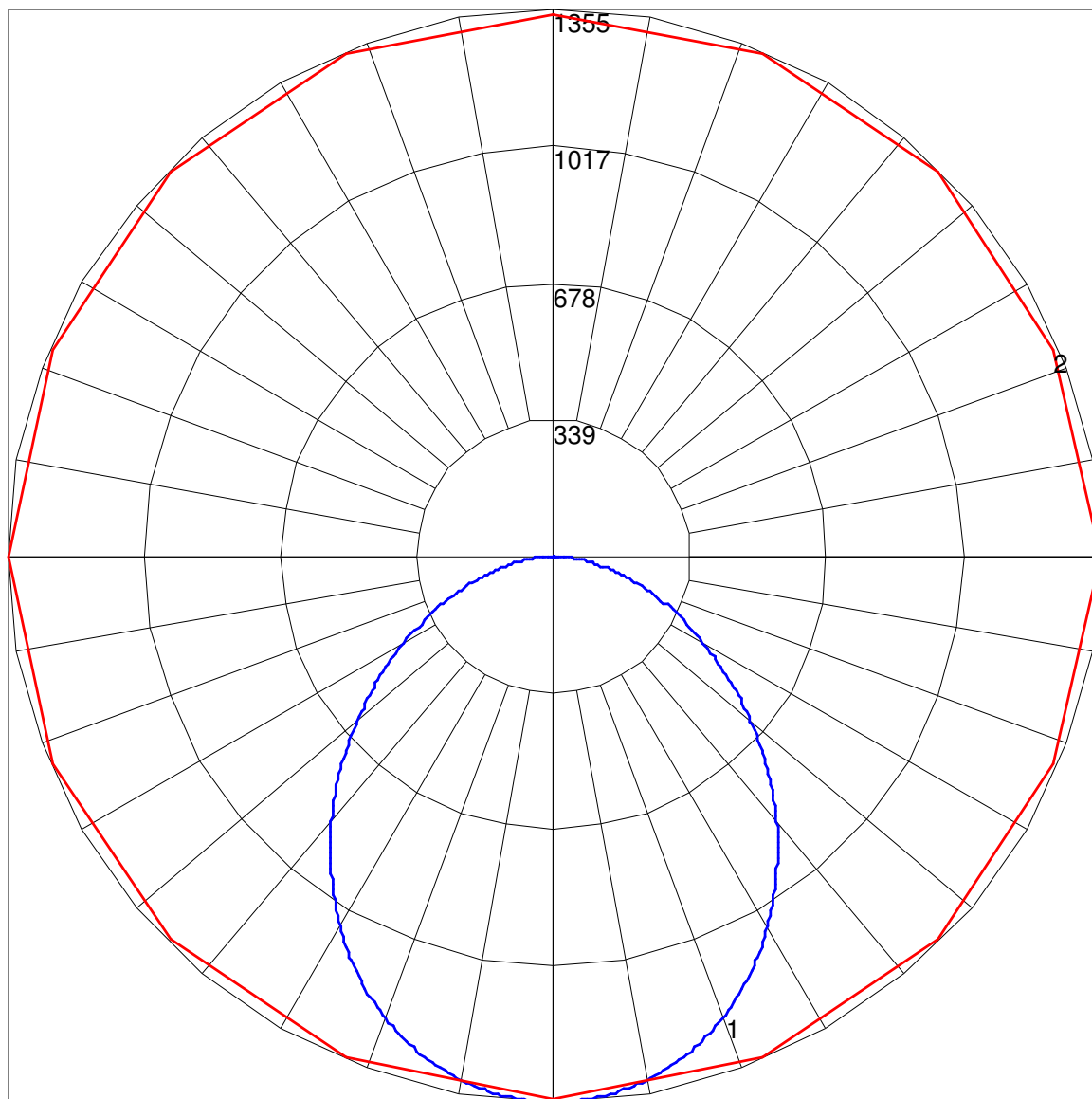
Reflectances

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	20.6	22.2	21.0	22.5	22.8	18.9	20.4	19.3	20.8	21.1
	3H	22.2	23.6	22.6	23.9	24.3	20.2	21.6	20.6	22.0	22.3
	4H	22.8	24.1	23.2	24.4	24.8	20.7	22.0	21.1	22.3	22.7
	6H	23.2	24.3	23.6	24.7	25.1	20.9	22.1	21.3	22.5	22.9
	8H	23.2	24.4	23.7	24.8	25.2	21.0	22.1	21.4	22.5	22.9
	12H	23.3	24.4	23.7	24.8	25.2	21.0	22.1	21.4	22.5	22.9
4H	2H	21.0	22.3	21.4	22.7	23.0	19.6	20.9	20.0	21.2	21.6
	3H	22.8	23.9	23.2	24.3	24.7	21.1	22.2	21.5	22.6	23.0
	4H	23.5	24.5	23.9	24.9	25.3	21.6	22.6	22.1	23.0	23.5
	6H	24.0	24.8	24.4	25.3	25.7	22.0	22.8	22.4	23.3	23.7
	8H	24.1	24.9	24.6	25.4	25.8	22.1	22.9	22.5	23.3	23.8
	12H	24.2	24.9	24.7	25.4	25.9	22.1	22.8	22.6	23.3	23.8
8H	4H	23.6	24.4	24.1	24.9	25.3	21.9	22.7	22.4	23.2	23.6
	6H	24.2	24.9	24.7	25.3	25.8	22.4	23.0	22.9	23.5	24.0
	8H	24.4	25.0	24.9	25.5	26.0	22.5	23.1	23.0	23.6	24.1
	12H	24.5	25.1	25.1	25.6	26.1	22.6	23.1	23.1	23.6	24.1
12H	4H	23.6	24.3	24.1	24.8	25.3	22.0	22.7	22.5	23.2	23.6
	6H	24.2	24.8	24.7	25.3	25.8	22.4	23.0	22.9	23.5	24.0
	8H	24.4	25.0	24.9	25.4	26.0	22.6	23.1	23.1	23.6	24.1

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 1355.413 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.)