

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L15-850-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-L15-850-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	3182
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
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	15524	13763	12184
55	13588	11745	9976
65	11562	9661	8026
75	9283	7255	5909
85	6011	3726	2852

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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	1473.967	1473.967	1473.967	1473.967	1473.967
0.5	1481.173	1470.765	1474.368	1473.167	1472.366
1.0	1480.773	1470.364	1473.967	1472.766	1471.966
1.5	1480.372	1469.564	1473.567	1471.966	1471.165
2.0	1479.572	1469.163	1472.366	1470.364	1470.765
2.5	1479.171	1468.363	1471.565	1469.564	1469.163
3.0	1477.970	1467.162	1470.364	1467.562	1467.162
3.5	1477.170	1465.961	1468.763	1465.961	1465.160
4.0	1475.168	1464.360	1467.162	1463.959	1462.758
4.5	1474.368	1462.758	1465.160	1461.557	1459.956
5.0	1472.366	1461.157	1462.758	1459.156	1457.554
5.5	1471.565	1458.755	1460.356	1455.953	1453.951
6.0	1467.962	1456.754	1457.554	1452.750	1450.749
6.5	1465.961	1454.752	1454.352	1449.148	1446.746
7.0	1463.559	1451.950	1451.549	1445.545	1443.143
7.5	1461.157	1449.148	1447.947	1441.542	1438.739
8.0	1458.355	1445.945	1444.744	1437.138	1433.936
8.5	1455.553	1443.143	1441.141	1432.334	1429.132
9.0	1452.350	1439.940	1436.738	1427.530	1424.328
9.5	1448.747	1435.937	1432.735	1422.326	1418.723
10.0	1445.945	1432.334	1427.931	1417.523	1413.519
10.5	1441.542	1428.331	1423.527	1412.318	1407.915
11.0	1437.538	1424.328	1418.323	1406.314	1402.310
11.5	1433.535	1419.924	1413.119	1400.309	1395.505
12.0	1429.132	1415.521	1407.915	1393.904	1389.100
12.5	1423.928	1410.317	1402.310	1387.499	1381.894
13.0	1419.524	1405.513	1396.306	1380.693	1375.089
13.5	1415.121	1400.309	1390.301	1373.888	1368.284
14.0	1409.516	1395.105	1384.296	1366.282	1360.277
14.5	1404.712	1389.100	1377.491	1359.076	1352.671
15.0	1399.108	1383.496	1370.685	1351.470	1344.665
15.5	1393.504	1377.491	1363.880	1343.464	1336.659
16.0	1387.499	1371.486	1356.674	1335.458	1327.852
16.5	1381.894	1365.481	1349.469	1327.051	1319.445
17.0	1375.489	1358.676	1341.863	1318.644	1310.238
17.5	1369.485	1351.871	1334.657	1309.837	1301.030
18.0	1362.679	1345.465	1326.651	1301.030	1291.823
18.5	1356.674	1338.260	1318.644	1291.823	1281.815
19.0	1349.469	1331.054	1310.238	1282.215	1271.807
19.5	1342.663	1323.848	1301.831	1273.008	1261.799
20.0	1335.458	1316.242	1293.024	1263.400	1251.791
20.5	1328.252	1308.636	1284.217	1253.393	1241.383
21.0	1320.646	1301.030	1275.410	1243.385	1230.574
21.5	1313.440	1292.624	1266.203	1232.976	1220.166
22.0	1305.434	1284.617	1256.595	1222.568	1209.758
22.5	1297.427	1276.211	1246.987	1212.160	1198.549
23.0	1289.821	1268.204	1237.780	1200.951	1187.340
23.5	1281.815	1259.397	1227.772	1190.142	1176.131
24.0	1273.408	1250.590	1217.764	1179.334	1164.522
24.5	1265.002	1241.783	1207.356	1168.125	1153.313
25.0	1256.195	1232.976	1197.348	1156.916	1141.704
25.5	1246.987	1223.369	1186.940	1145.307	1129.294
26.0	1238.181	1214.162	1175.731	1133.698	1117.285
26.5	1229.374	1204.554	1165.323	1122.089	1104.875

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CANDELA TABULATION - (Cont.)

27.0	1219.766	1194.946	1154.114	1110.079	1092.865
27.5	1209.758	1184.938	1143.305	1098.070	1080.856
28.0	1200.551	1175.331	1132.097	1085.660	1068.046
28.5	1190.943	1165.323	1121.288	1073.650	1055.636
29.0	1181.336	1155.315	1110.079	1061.240	1043.626
29.5	1170.127	1144.907	1098.470	1048.831	1030.816
30.0	1159.318	1134.098	1086.861	1036.421	1018.406
30.5	1149.310	1123.690	1075.652	1024.411	1005.596
31.0	1138.902	1113.282	1064.043	1012.001	992.786
31.5	1128.894	1102.473	1052.433	999.191	979.976
32.0	1117.685	1091.664	1040.424	986.781	967.566
32.5	1107.277	1080.456	1028.815	973.971	954.356
33.0	1096.468	1069.647	1016.405	961.561	941.946
33.5	1085.660	1058.438	1005.196	948.751	928.335
34.0	1075.251	1047.229	992.786	936.341	915.925
34.5	1064.443	1036.421	980.777	923.932	903.515
35.0	1053.634	1024.812	968.367	911.122	890.705
35.5	1042.426	1013.202	956.357	899.112	877.495
36.0	1032.017	1001.993	944.348	886.302	865.485
36.5	1020.808	990.384	931.938	873.892	852.675
37.0	1009.199	978.775	920.329	861.482	840.666
37.5	997.990	967.166	908.319	848.672	827.856
38.0	986.781	955.156	895.909	836.262	815.045
38.5	975.172	943.948	883.900	823.852	802.636
39.0	963.163	931.938	871.890	811.443	790.226
39.5	951.954	920.329	859.481	799.033	777.816
40.0	940.345	908.319	847.471	787.424	765.806
40.5	927.935	896.710	835.061	775.014	752.996
41.0	916.326	884.701	823.052	762.604	739.786
41.5	904.716	873.091	811.042	750.194	727.376
42.0	892.307	861.082	799.033	737.384	714.566
42.5	879.496	848.672	787.023	725.374	702.156
43.0	867.487	836.663	775.014	712.164	689.746
43.5	855.878	825.053	763.004	699.754	678.137
44.0	843.068	813.044	750.995	688.145	666.128
44.5	831.058	801.034	737.784	676.135	654.118
45.0	818.648	789.425	725.775	664.526	642.509
45.5	806.238	777.015	713.365	652.917	630.499
46.0	794.229	765.406	701.756	641.308	618.890
46.5	782.219	753.397	690.147	630.099	607.681
47.0	769.810	741.387	678.537	618.490	596.072
47.5	757.400	728.577	667.328	607.281	584.863
48.0	745.390	716.167	656.120	596.072	573.254
48.5	732.980	704.558	644.510	584.863	562.045
49.0	719.770	692.548	633.302	573.654	551.237
49.5	708.161	681.340	622.493	562.445	540.428
50.0	696.151	669.730	611.284	551.637	529.619
50.5	684.942	658.121	600.075	540.828	518.811
51.0	672.933	646.912	588.866	529.619	508.002
51.5	661.324	635.303	578.058	519.211	497.594
52.0	650.115	623.694	566.849	508.403	487.186
52.5	638.506	612.485	556.040	497.994	477.178
53.0	626.896	601.276	545.232	487.586	467.170
53.5	615.287	590.067	534.824	477.178	456.762
54.0	604.078	578.858	523.615	467.170	446.754
54.5	592.469	568.050	513.206	456.762	436.746

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CANDELA TABULATION - (Cont.)

55.0	581.260	556.841	502.398	447.154	426.738
55.5	569.651	546.032	491.990	436.746	417.130
56.0	558.042	534.824	481.581	427.138	407.523
56.5	546.833	524.015	471.173	417.531	398.516
57.0	535.224	513.206	460.365	407.923	389.028
57.5	524.015	502.798	450.357	398.315	379.781
58.0	512.806	491.990	439.948	388.868	370.694
58.5	501.597	481.181	429.540	379.541	361.606
59.0	490.388	470.773	419.532	370.373	352.599
59.5	479.179	460.365	409.524	361.206	343.832
60.0	468.371	449.956	399.436	351.999	335.105
60.5	457.562	439.548	389.669	343.032	326.378
61.0	446.754	429.540	379.701	334.145	317.812
61.5	436.346	419.132	370.013	325.178	309.365
62.0	425.537	408.724	360.245	316.611	301.199
62.5	415.129	398.836	350.798	308.004	292.872
63.0	404.721	388.948	341.390	299.437	284.705
63.5	394.512	379.060	331.983	290.790	276.459
64.0	384.585	369.252	322.816	282.464	268.533
64.5	374.336	359.445	313.568	274.177	260.646
65.0	364.409	349.837	304.481	265.891	252.960
65.5	354.561	340.109	295.314	257.764	245.114
66.0	344.753	330.462	286.467	249.838	237.428
66.5	335.025	320.934	277.580	241.791	229.662
67.0	325.178	311.487	268.813	233.825	222.216
67.5	315.330	302.039	260.166	226.139	214.770
68.0	305.882	292.752	251.439	218.413	207.244
68.5	296.235	283.545	242.912	210.807	199.998
69.0	286.667	274.337	234.466	203.241	192.793
69.5	277.380	265.170	226.219	195.755	185.787
70.0	267.972	256.043	217.812	188.429	178.702
70.5	258.685	247.076	209.566	181.143	171.856
71.0	249.397	238.189	201.560	174.058	164.931
71.5	240.310	229.222	193.553	167.012	158.245
72.0	231.263	220.495	185.627	160.007	151.560
72.5	222.256	211.848	177.741	153.161	145.075
73.0	213.489	203.321	170.015	146.276	138.710
73.5	204.722	194.674	162.409	139.711	132.345
74.0	196.115	186.187	154.883	133.105	126.020
74.5	187.589	177.861	147.437	126.700	120.015
75.0	179.182	169.654	140.031	120.255	114.050
75.5	170.935	161.608	132.865	114.130	108.126
76.0	162.889	153.642	125.860	108.006	102.401
76.5	154.803	145.675	118.854	102.121	96.797
77.0	147.157	137.909	112.129	96.236	91.232
77.5	139.390	130.263	105.444	90.552	85.788
78.0	131.664	122.737	98.838	84.987	80.624
78.5	124.018	115.291	92.513	79.583	75.380
79.0	116.732	108.126	86.308	74.259	70.336
79.5	109.567	100.840	80.264	68.935	65.412
80.0	102.441	93.874	74.259	63.931	60.648
80.5	95.356	86.949	68.414	58.967	55.924
81.0	88.510	80.224	62.810	54.243	51.441
81.5	81.745	73.698	57.325	49.559	46.997
82.0	75.220	67.093	52.121	44.996	42.594
82.5	68.855	60.848	46.997	40.552	38.390

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CANDELA TABULATION - (Cont.)

83.0	62.570	54.683	42.033	36.229	34.107
83.5	56.365	48.799	37.350	31.985	30.024
84.0	50.440	43.034	32.786	27.822	26.061
84.5	44.595	37.590	28.423	23.859	22.258
85.0	39.071	32.346	24.219	20.136	18.535
85.5	33.707	27.302	20.216	16.333	14.532
86.0	28.663	22.498	16.613	12.410	10.128
86.5	23.659	18.174	13.130	7.846	6.245
87.0	19.055	14.091	9.367	4.964	4.444
87.5	14.772	10.488	5.404	3.803	3.483
88.0	10.809	7.166	3.403	2.922	2.722
88.5	7.446	4.003	2.522	2.122	1.881
89.0	4.684	2.002	1.681	1.361	1.201
89.5	2.322	1.081	0.921	0.681	0.600
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-L15-850-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-L15-850-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-L15-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	523.57	N.A.	16.50
0-30	1073.22	N.A.	33.70
0-40	1678.69	N.A.	52.80
0-60	2690.18	N.A.	84.50
0-80	3149.17	N.A.	99.00
0-90	3182.12	N.A.	100.00
10-90	3043.69	N.A.	95.60
20-40	1155.13	N.A.	36.30
20-50	1716.61	N.A.	53.90
40-70	1316.48	N.A.	41.40
60-80	458.99	N.A.	14.40
70-80	153.99	N.A.	4.80
80-90	32.96	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	3182.12	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	138.43
10-20	385.14
20-30	549.65
30-40	605.48
40-50	561.48
50-60	450.01
60-70	305.00
70-80	153.99
80-90	32.96
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-L15-850-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-L15-850-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	20.9	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	24.6	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

UGR Viewed Endwise

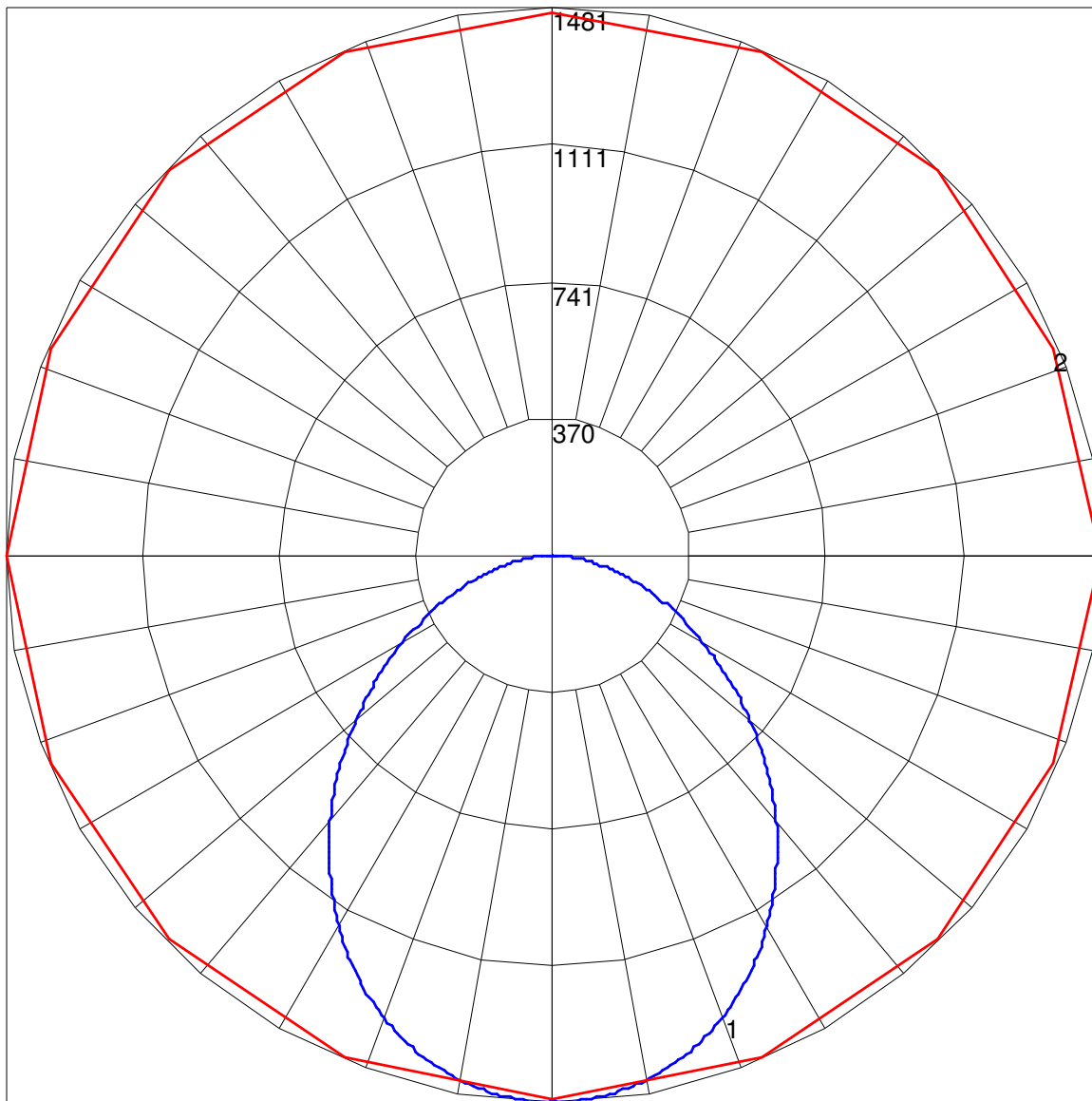
4H	2H	21.3	22.6	21.7	23.0	23.3	19.9	21.2	20.3	21.5	21.9
	3H	23.1	24.2	23.5	24.6	25.0	21.4	22.5	21.8	22.9	23.3
	4H	23.8	24.8	24.2	25.2	25.6	21.9	22.9	22.4	23.3	23.8
	6H	24.3	25.1	24.7	25.6	26.0	22.3	23.1	22.7	23.6	24.0
	8H	24.4	25.2	24.9	25.7	26.1	22.4	23.2	22.8	23.6	24.1
	12H	24.5	25.2	25.0	25.7	26.2	22.4	23.1	22.9	23.6	24.1

8H	4H	23.9	24.7	24.4	25.1	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 = 1481.173 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.)