

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L15-830-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-L15-830-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	2972
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
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	14499	12854	11379
55	12691	10969	9317
65	10798	9023	7496
75	8670	6776	5518
85	5614	3480	2663

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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	1376.630	1376.630	1376.630	1376.630	1376.630
0.5	1383.360	1373.639	1377.004	1375.882	1375.134
1.0	1382.986	1373.265	1376.630	1375.508	1374.760
1.5	1382.612	1372.517	1376.256	1374.760	1374.013
2.0	1381.864	1372.143	1375.134	1373.265	1373.639
2.5	1381.490	1371.396	1374.387	1372.517	1372.143
3.0	1380.369	1370.274	1373.265	1370.648	1370.274
3.5	1379.621	1369.152	1371.769	1369.152	1368.405
4.0	1377.752	1367.657	1370.274	1367.283	1366.161
4.5	1377.004	1366.161	1368.405	1365.040	1363.544
5.0	1375.134	1364.666	1366.161	1362.796	1361.301
5.5	1374.387	1362.422	1363.918	1359.805	1357.936
6.0	1371.022	1360.553	1361.301	1356.814	1354.945
6.5	1369.152	1358.684	1358.310	1353.449	1351.206
7.0	1366.909	1356.066	1355.693	1350.084	1347.841
7.5	1364.666	1353.449	1352.328	1346.346	1343.728
8.0	1362.049	1350.458	1349.337	1342.233	1339.242
8.5	1359.431	1347.841	1345.972	1337.746	1334.755
9.0	1356.440	1344.850	1341.859	1333.260	1330.269
9.5	1353.075	1341.111	1338.120	1328.399	1325.034
10.0	1350.458	1337.746	1333.634	1323.913	1320.174
10.5	1346.346	1334.007	1329.521	1319.052	1314.940
11.0	1342.607	1330.269	1324.660	1313.444	1309.705
11.5	1338.868	1326.156	1319.800	1307.836	1303.349
12.0	1334.755	1322.043	1314.940	1301.854	1297.367
12.5	1329.895	1317.183	1309.705	1295.872	1290.637
13.0	1325.782	1312.696	1304.097	1289.516	1284.281
13.5	1321.669	1307.836	1298.489	1283.160	1277.925
14.0	1316.435	1302.975	1292.881	1276.056	1270.448
14.5	1311.948	1297.367	1286.525	1269.326	1263.344
15.0	1306.714	1292.133	1280.169	1262.222	1255.866
15.5	1301.480	1286.525	1273.813	1254.745	1248.389
16.0	1295.872	1280.916	1267.083	1247.267	1240.163
16.5	1290.637	1275.308	1260.353	1239.416	1232.312
17.0	1284.655	1268.952	1253.249	1231.564	1223.713
17.5	1279.047	1262.596	1246.519	1223.339	1215.113
18.0	1272.691	1256.614	1239.042	1215.113	1206.514
18.5	1267.083	1249.884	1231.564	1206.514	1197.167
19.0	1260.353	1243.154	1223.713	1197.541	1187.820
19.5	1253.997	1236.425	1215.861	1188.942	1178.473
20.0	1247.267	1229.321	1207.636	1179.968	1169.126
20.5	1240.537	1222.217	1199.410	1170.621	1159.405
21.0	1233.433	1215.113	1191.185	1161.274	1149.310
21.5	1226.704	1207.262	1182.586	1151.554	1139.589
22.0	1219.226	1199.784	1173.612	1141.833	1129.868
22.5	1211.748	1191.933	1164.639	1132.112	1119.400
23.0	1204.645	1184.455	1156.040	1121.643	1108.931
23.5	1197.167	1176.230	1146.693	1111.548	1098.462
24.0	1189.315	1168.004	1137.346	1101.453	1087.620
24.5	1181.464	1159.779	1127.625	1090.985	1077.151
25.0	1173.239	1151.554	1118.278	1080.516	1066.309
25.5	1164.639	1142.580	1108.557	1069.674	1054.718
26.0	1156.414	1133.981	1098.089	1058.831	1043.502
26.5	1148.189	1125.008	1088.368	1047.988	1031.912

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CANDELA TABULATION - (Cont.)

27.0	1139.215	1116.035	1077.899	1036.772	1020.695
27.5	1129.868	1106.688	1067.804	1025.556	1009.479
28.0	1121.269	1097.715	1057.336	1013.965	997.515
28.5	1112.296	1088.368	1047.241	1002.749	985.924
29.0	1103.323	1079.021	1036.772	991.159	974.708
29.5	1092.854	1069.300	1025.929	979.568	962.744
30.0	1082.759	1059.205	1015.087	967.978	951.153
30.5	1073.412	1049.484	1004.618	956.762	939.189
31.0	1063.691	1039.763	993.776	945.171	927.225
31.5	1054.344	1029.668	982.933	933.207	915.261
32.0	1043.876	1019.574	971.717	921.617	903.670
32.5	1034.155	1009.105	960.874	909.653	891.332
33.0	1024.060	999.010	949.284	898.062	879.742
33.5	1013.965	988.541	938.815	886.098	867.030
34.0	1004.244	978.073	927.225	874.508	855.440
34.5	994.150	967.978	916.008	862.917	843.849
35.0	984.055	957.135	904.418	850.953	831.885
35.5	973.586	946.293	893.202	839.737	819.547
36.0	963.865	935.824	881.985	827.773	808.331
36.5	953.397	924.982	870.395	816.182	796.367
37.0	942.554	914.139	859.552	804.592	785.150
37.5	932.085	903.297	848.336	792.628	773.186
38.0	921.617	892.080	836.746	781.037	761.222
38.5	910.774	881.611	825.529	769.447	749.631
39.0	899.558	870.395	814.313	757.857	738.041
39.5	889.089	859.552	802.723	746.267	726.451
40.0	878.246	848.336	791.506	735.424	715.234
40.5	866.656	837.493	779.916	723.834	703.270
41.0	855.814	826.277	768.699	712.243	690.932
41.5	844.971	815.434	757.483	700.653	679.342
42.0	833.381	804.218	746.267	688.689	667.378
42.5	821.417	792.628	735.050	677.472	655.787
43.0	810.200	781.411	723.834	665.134	644.197
43.5	799.358	770.569	712.617	653.544	633.354
44.0	787.393	759.352	701.401	642.701	622.138
44.5	776.177	748.136	689.063	631.485	610.922
45.0	764.587	737.293	677.846	620.642	600.079
45.5	752.996	725.703	666.256	609.800	588.863
46.0	741.780	714.860	655.413	598.957	578.020
46.5	730.563	703.644	644.571	588.489	567.551
47.0	718.973	692.428	633.728	577.646	556.709
47.5	707.383	680.463	623.260	567.177	546.240
48.0	696.166	668.873	612.791	556.709	535.398
48.5	684.576	658.031	601.948	546.240	524.929
49.0	672.238	646.814	591.480	535.771	514.834
49.5	661.396	636.345	581.385	525.303	504.739
50.0	650.179	625.503	570.916	515.208	494.645
50.5	639.710	614.660	560.448	505.113	484.550
51.0	628.494	604.192	549.979	494.645	474.455
51.5	617.651	593.349	539.884	484.924	464.734
52.0	607.183	582.507	529.416	474.829	455.013
52.5	596.340	572.038	519.321	465.108	445.666
53.0	585.498	561.569	509.226	455.387	436.319
53.5	574.655	551.101	499.505	445.666	426.598
54.0	564.186	540.632	489.036	436.319	417.251
54.5	553.344	530.537	479.315	426.598	407.904

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CANDELA TABULATION - (Cont.)

55.0	542.875	520.068	469.221	417.625	398.557
55.5	532.033	509.974	459.500	407.904	389.584
56.0	521.190	499.505	449.779	398.931	380.611
56.5	510.721	489.410	440.058	389.958	372.199
57.0	499.879	479.315	429.963	380.985	363.338
57.5	489.410	469.595	420.616	372.012	354.701
58.0	478.942	459.500	410.895	363.188	346.214
58.5	468.473	449.405	401.174	354.477	337.727
59.0	458.004	439.684	391.827	345.915	329.314
59.5	447.536	429.963	382.480	337.353	321.126
60.0	437.441	420.242	373.058	328.754	312.976
60.5	427.346	410.521	363.936	320.379	304.825
61.0	417.251	401.174	354.626	312.078	296.824
61.5	407.530	391.453	345.578	303.704	288.935
62.0	397.436	381.733	336.456	295.702	281.308
62.5	387.715	372.498	327.632	287.664	273.531
63.0	377.994	363.263	318.846	279.663	265.904
63.5	368.460	354.028	310.060	271.587	258.202
64.0	359.187	344.868	301.498	263.810	250.799
64.5	349.616	335.708	292.861	256.071	243.434
65.0	340.344	326.735	284.374	248.332	236.255
65.5	331.146	317.649	275.812	240.742	228.927
66.0	321.986	308.639	267.549	233.339	221.749
66.5	312.901	299.740	259.249	225.824	214.496
67.0	303.704	290.917	251.061	218.384	207.541
67.5	294.506	282.093	242.985	211.205	200.587
68.0	285.682	273.419	234.835	203.989	193.558
68.5	276.672	264.820	226.871	196.886	186.791
69.0	267.736	256.221	218.982	189.819	180.061
69.5	259.062	247.659	211.280	182.828	173.518
70.0	250.276	239.134	203.429	175.986	166.900
70.5	241.602	230.759	195.727	169.181	160.507
71.0	232.928	222.459	188.249	162.563	154.039
71.5	224.441	214.084	180.771	155.983	147.795
72.0	215.991	205.934	173.369	149.440	141.551
72.5	207.579	197.858	166.003	143.047	135.494
73.0	199.391	189.894	158.787	136.616	129.550
73.5	191.203	181.818	151.684	130.484	123.605
74.0	183.164	173.892	144.655	124.315	117.698
74.5	175.201	166.115	137.700	118.333	112.090
75.0	167.349	158.451	130.784	112.314	106.519
75.5	159.647	150.936	124.091	106.593	100.985
76.0	152.132	143.496	117.548	100.873	95.639
76.5	144.580	136.055	111.005	95.377	90.404
77.0	137.439	128.802	104.724	89.881	85.207
77.5	130.185	121.661	98.480	84.572	80.123
78.0	122.969	114.632	92.311	79.375	75.300
78.5	115.828	107.678	86.404	74.328	70.402
79.0	109.024	100.985	80.609	69.355	65.691
79.5	102.331	94.181	74.963	64.382	61.092
80.0	95.676	87.675	69.355	59.709	56.643
80.5	89.058	81.207	63.896	55.073	52.231
81.0	82.665	74.926	58.662	50.661	48.044
81.5	76.347	68.831	53.540	46.286	43.894
82.0	70.252	62.662	48.679	42.024	39.781
82.5	64.308	56.830	43.894	37.874	35.855

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CANDELA TABULATION - (Cont.)

83.0	58.438	51.072	39.258	33.836	31.855
83.5	52.642	45.576	34.883	29.873	28.041
84.0	47.109	40.192	30.621	25.985	24.340
84.5	41.650	35.107	26.546	22.283	20.788
85.0	36.491	30.210	22.620	18.806	17.311
85.5	31.481	25.499	18.881	15.254	13.572
86.0	26.770	21.012	15.516	11.590	9.459
86.5	22.096	16.974	12.263	7.328	5.833
87.0	17.797	13.161	8.749	4.636	4.150
87.5	13.796	9.796	5.047	3.552	3.253
88.0	10.095	6.692	3.178	2.729	2.542
88.5	6.954	3.739	2.355	1.982	1.757
89.0	4.374	1.869	1.570	1.271	1.122
89.5	2.169	1.009	0.860	0.636	0.561
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-L15-830-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-2-L15-830-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-2-L15-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	488.99	N.A.	16.50
0-30	1002.34	N.A.	33.70
0-40	1567.84	N.A.	52.80
0-60	2512.52	N.A.	84.50
0-80	2941.2	N.A.	99.00
0-90	2971.98	N.A.	100.00
10-90	2842.7	N.A.	95.60
20-40	1078.85	N.A.	36.30
20-50	1603.24	N.A.	53.90
40-70	1229.54	N.A.	41.40
60-80	428.68	N.A.	14.40
70-80	143.82	N.A.	4.80
80-90	30.78	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	2971.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	129.29
10-20	359.70
20-30	513.35
30-40	565.49
40-50	524.40
50-60	420.29
60-70	284.85
70-80	143.82
80-90	30.78
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-L15-830-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	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-L15-830-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

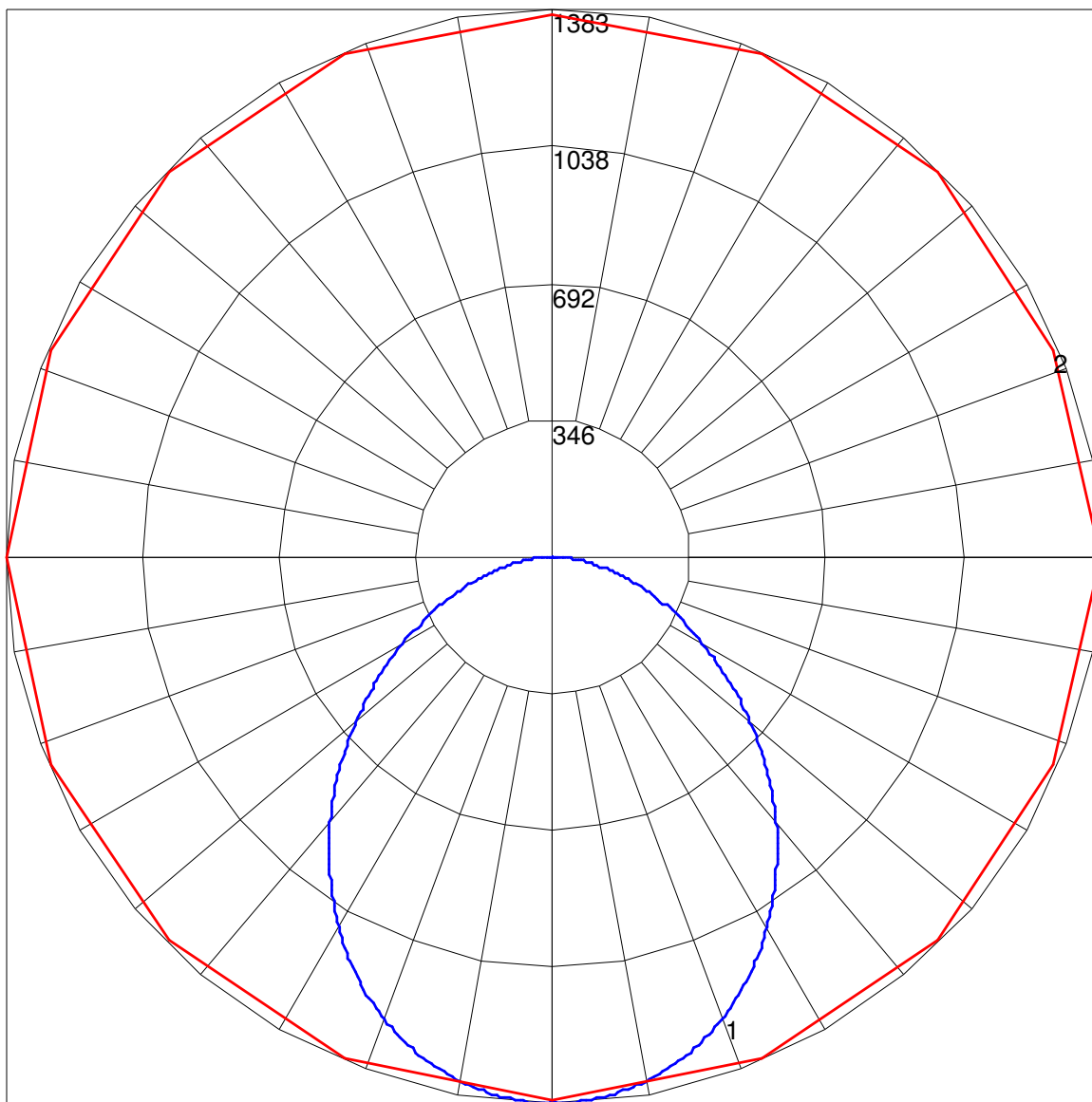
X=2H	Y=2H	20.7	22.3	21.1	22.6	22.9	19.0	20.5	19.4	20.9	21.2
	3H	22.3	23.7	22.7	24.0	24.4	20.3	21.7	20.7	22.1	22.4
	4H	22.9	24.2	23.3	24.5	24.9	20.8	22.1	21.2	22.4	22.8
	6H	23.3	24.5	23.7	24.8	25.2	21.0	22.2	21.4	22.6	23.0
	8H	23.3	24.5	23.8	24.9	25.3	21.1	22.2	21.5	22.6	23.0
	12H	23.4	24.5	23.8	24.9	25.3	21.1	22.2	21.5	22.6	23.0

UGR Viewed Endwise

4H	2H	21.1	22.4	21.5	22.8	23.1	19.7	21.0	20.1	21.3	21.7
	3H	22.9	24.0	23.3	24.4	24.8	21.2	22.3	21.6	22.7	23.1
	4H	23.6	24.6	24.0	25.0	25.4	21.7	22.7	22.2	23.1	23.6
	6H	24.1	24.9	24.5	25.4	25.8	22.1	22.9	22.5	23.4	23.8
	8H	24.2	25.0	24.7	25.5	25.9	22.2	23.0	22.6	23.4	23.9
	12H	24.3	25.0	24.8	25.5	26.0	22.2	22.9	22.7	23.4	23.9
8H	4H	23.7	24.5	24.2	25.0	25.4	22.0	22.8	22.5	23.3	23.7
	6H	24.3	25.0	24.8	25.4	25.9	22.5	23.1	23.0	23.6	24.1
	8H	24.5	25.1	25.0	25.6	26.1	22.6	23.2	23.1	23.7	24.2
	12H	24.6	25.2	25.2	25.7	26.2	22.7	23.2	23.2	23.7	24.2
12H	4H	23.7	24.4	24.2	24.9	25.4	22.1	22.8	22.6	23.3	23.7
	6H	24.3	24.9	24.8	25.4	25.9	22.5	23.1	23.0	23.6	24.1
	8H	24.5	25.1	25.0	25.5	26.1	22.7	23.2	23.2	23.7	24.2

Maximum UGR = 26.2

POLAR GRAPH



Maximum Candela = 1383.36 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.)