

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L19-940-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-L19-940-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	3280
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	33.2
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	16002	14186	12559
55	14007	12106	10283
65	11918	9958	8273
75	9569	7478	6090
85	6196	3841	2939

IES INDOOR REPORT
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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	1519.324	1519.324	1519.324	1519.324	1519.324
0.5	1526.752	1516.023	1519.737	1518.499	1517.674
1.0	1526.339	1515.611	1519.324	1518.086	1517.261
1.5	1525.926	1514.785	1518.912	1517.261	1516.436
2.0	1525.101	1514.373	1517.674	1515.611	1516.023
2.5	1524.689	1513.547	1516.848	1514.785	1514.373
3.0	1523.451	1512.309	1515.611	1512.722	1512.309
3.5	1522.625	1511.072	1513.960	1511.072	1510.246
4.0	1520.562	1509.421	1512.309	1509.008	1507.770
4.5	1519.737	1507.770	1510.246	1506.533	1504.882
5.0	1517.674	1506.120	1507.770	1504.057	1502.406
5.5	1516.848	1503.644	1505.295	1500.756	1498.692
6.0	1513.135	1501.581	1502.406	1497.455	1495.391
6.5	1511.072	1499.518	1499.105	1493.741	1491.265
7.0	1508.596	1496.629	1496.217	1490.027	1487.551
7.5	1506.120	1493.741	1492.503	1485.901	1483.012
8.0	1503.231	1490.440	1489.202	1481.362	1478.061
8.5	1500.343	1487.551	1485.488	1476.410	1473.109
9.0	1497.042	1484.250	1480.949	1471.459	1468.157
9.5	1493.328	1480.124	1476.823	1466.094	1462.381
10.0	1490.440	1476.410	1471.871	1461.143	1457.016
10.5	1485.901	1472.284	1467.332	1455.778	1451.239
11.0	1481.774	1468.157	1461.968	1449.589	1445.462
11.5	1477.648	1463.618	1456.604	1443.399	1438.448
12.0	1473.109	1459.079	1451.239	1436.797	1431.846
12.5	1467.745	1453.715	1445.462	1430.195	1424.418
13.0	1463.206	1448.764	1439.273	1423.180	1417.403
13.5	1458.667	1443.399	1433.083	1416.165	1410.388
14.0	1452.890	1438.035	1426.894	1408.325	1402.136
14.5	1447.938	1431.846	1419.879	1400.898	1394.296
15.0	1442.161	1426.069	1412.864	1393.058	1386.043
15.5	1436.385	1419.879	1405.849	1384.805	1377.790
16.0	1430.195	1413.690	1398.422	1376.552	1368.712
16.5	1424.418	1407.500	1390.995	1367.887	1360.047
17.0	1417.816	1400.485	1383.155	1359.222	1350.556
17.5	1411.626	1393.470	1375.727	1350.144	1341.066
18.0	1404.612	1386.868	1367.474	1341.066	1331.575
18.5	1398.422	1379.441	1359.222	1331.575	1321.259
19.0	1390.995	1372.013	1350.556	1321.672	1310.943
19.5	1383.980	1364.586	1341.891	1312.181	1300.627
20.0	1376.552	1356.746	1332.813	1302.278	1290.312
20.5	1369.125	1348.906	1323.735	1291.962	1279.583
21.0	1361.285	1341.066	1314.657	1281.646	1268.442
21.5	1353.857	1332.400	1305.166	1270.918	1257.713
22.0	1345.605	1324.148	1295.263	1260.189	1246.985
22.5	1337.352	1315.482	1285.360	1249.461	1235.431
23.0	1329.512	1307.230	1275.869	1237.907	1223.877
23.5	1321.259	1298.152	1265.553	1226.766	1212.323
24.0	1312.594	1289.074	1255.237	1215.624	1200.357
24.5	1303.928	1279.996	1244.509	1204.071	1188.803
25.0	1294.850	1270.918	1234.193	1192.517	1176.837
25.5	1285.360	1261.014	1223.465	1180.550	1164.045
26.0	1276.282	1251.524	1211.911	1168.584	1151.666
26.5	1267.204	1241.621	1201.182	1156.618	1138.874

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PHOTOMETRIC FILENAME : LRX4X-2-L19-940-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1257.301	1231.717	1189.628	1144.239	1126.495
27.5	1246.985	1221.401	1178.487	1131.859	1114.116
28.0	1237.494	1211.498	1166.933	1119.068	1100.912
28.5	1227.591	1201.182	1155.792	1106.689	1088.120
29.0	1217.688	1190.866	1144.239	1093.897	1075.741
29.5	1206.134	1180.138	1132.272	1081.105	1062.537
30.0	1194.993	1168.997	1120.306	1068.314	1049.745
30.5	1184.677	1158.268	1108.752	1055.934	1036.541
31.0	1173.948	1147.540	1096.785	1043.143	1023.336
31.5	1163.632	1136.398	1084.819	1029.938	1010.132
32.0	1152.079	1125.257	1072.440	1017.147	997.340
32.5	1141.350	1113.703	1060.473	1003.942	983.723
33.0	1130.209	1102.562	1047.682	991.151	970.932
33.5	1119.068	1091.009	1036.128	977.946	956.902
34.0	1108.339	1079.455	1023.336	965.155	944.110
34.5	1097.198	1068.314	1010.957	952.363	931.319
35.0	1086.057	1056.347	998.166	939.159	918.114
35.5	1074.503	1044.381	985.786	926.780	904.497
36.0	1063.775	1032.827	973.407	913.575	892.118
36.5	1052.221	1020.860	960.616	900.784	878.914
37.0	1040.254	1008.894	948.649	887.992	866.535
37.5	1028.701	996.928	936.270	874.787	853.330
38.0	1017.147	984.549	923.478	861.996	840.126
38.5	1005.180	972.995	911.099	849.204	827.334
39.0	992.801	960.616	898.720	836.412	814.543
39.5	981.247	948.649	885.929	823.621	801.751
40.0	969.281	936.270	873.550	811.654	789.372
40.5	956.489	924.304	860.758	798.863	776.168
41.0	944.523	911.925	848.379	786.071	762.551
41.5	932.556	899.958	836.000	773.279	749.759
42.0	919.765	887.579	823.621	760.075	736.555
42.5	906.560	874.787	811.242	747.696	723.763
43.0	894.181	862.408	798.863	734.079	710.971
43.5	882.215	850.442	786.483	721.287	699.005
44.0	869.011	838.063	774.104	709.321	686.626
44.5	856.631	825.684	760.487	696.942	674.247
45.0	843.840	813.717	748.108	684.975	662.280
45.5	831.048	800.926	735.317	673.009	649.901
46.0	818.669	788.959	723.350	661.042	637.935
46.5	806.290	776.580	711.384	649.488	626.381
47.0	793.498	764.201	699.417	637.522	614.414
47.5	780.707	750.997	687.864	625.968	602.861
48.0	768.327	738.205	676.310	614.414	590.894
48.5	755.536	726.239	664.343	602.861	579.340
49.0	741.919	713.860	652.790	591.307	568.199
49.5	729.952	702.306	641.648	579.753	557.058
50.0	717.573	690.339	630.095	568.612	545.917
50.5	706.020	678.373	618.541	557.471	534.776
51.0	693.640	666.819	606.987	545.917	523.635
51.5	681.674	654.853	595.846	535.188	512.906
52.0	670.120	642.886	584.292	524.047	502.178
52.5	658.154	631.332	573.151	513.319	491.862
53.0	646.187	619.779	562.010	502.590	481.546
53.5	634.221	608.225	551.281	491.862	470.817
54.0	622.667	596.671	539.727	481.546	460.501
54.5	610.701	585.530	528.999	470.817	450.185

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CANDELA TABULATION - (Cont.)

55.0	599.147	573.976	517.858	460.914	439.870
55.5	587.180	562.835	507.129	450.185	429.966
56.0	575.214	551.281	496.401	440.282	420.063
56.5	563.660	540.140	485.672	430.379	410.779
57.0	551.694	528.999	474.531	420.476	400.999
57.5	540.140	518.270	464.215	410.572	391.467
58.0	528.586	507.129	453.487	400.834	382.101
58.5	517.032	495.988	442.758	391.220	372.734
59.0	505.479	485.259	432.442	381.770	363.449
59.5	493.925	474.531	422.126	372.321	354.413
60.0	482.784	463.802	411.728	362.830	345.417
60.5	471.642	453.074	401.659	353.587	336.422
61.0	460.501	442.758	391.385	344.427	327.591
61.5	449.773	432.029	381.399	335.184	318.885
62.0	438.632	421.301	371.331	326.353	310.467
62.5	427.903	411.109	361.593	317.482	301.884
63.0	417.175	400.917	351.896	308.651	293.466
63.5	406.652	390.725	342.199	299.738	284.966
64.0	396.419	380.615	332.749	291.156	276.796
64.5	385.856	370.506	323.217	282.614	268.667
65.0	375.622	360.602	313.851	274.073	260.744
65.5	365.471	350.575	304.401	265.696	252.657
66.0	355.362	340.631	295.282	257.526	244.734
66.5	345.335	330.810	286.122	249.232	236.729
67.0	335.184	321.072	277.085	241.020	229.054
67.5	325.033	311.334	268.172	233.098	221.379
68.0	315.295	301.760	259.176	225.134	213.621
68.5	305.350	292.270	250.387	217.294	206.153
69.0	295.488	282.779	241.681	209.495	198.725
69.5	285.915	273.330	233.180	201.779	191.504
70.0	276.218	263.922	224.515	194.228	184.201
70.5	266.645	254.679	216.015	186.718	177.144
71.0	257.072	245.518	207.762	179.414	170.006
71.5	247.705	236.275	199.509	172.152	163.115
72.0	238.380	227.280	191.339	164.930	156.224
72.5	229.095	218.367	183.210	157.874	149.539
73.0	220.059	209.578	175.246	150.777	142.978
73.5	211.022	200.665	167.406	144.010	136.417
74.0	202.150	191.917	159.649	137.201	129.898
74.5	193.361	183.334	151.974	130.599	123.708
75.0	184.696	174.875	144.340	123.956	117.560
75.5	176.195	166.581	136.954	117.642	111.453
76.0	167.901	158.370	129.733	111.329	105.552
76.5	159.566	150.158	122.512	105.263	99.775
77.0	151.685	142.153	115.579	99.198	94.040
77.5	143.680	134.272	108.688	93.338	88.428
78.0	135.716	126.514	101.880	87.603	83.105
78.5	127.835	118.839	95.360	82.032	77.699
79.0	120.325	111.453	88.964	76.544	72.500
79.5	112.938	103.943	82.733	71.056	67.425
80.0	105.593	96.763	76.544	65.898	62.514
80.5	98.290	89.624	70.519	60.781	57.645
81.0	91.234	82.692	64.743	55.912	53.024
81.5	84.260	75.966	59.089	51.084	48.443
82.0	77.534	69.158	53.725	46.380	43.904
82.5	70.973	62.721	48.443	41.800	39.572

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CANDELA TABULATION - (Cont.)

83.0	64.495	56.366	43.327	37.344	35.157
83.5	58.099	50.300	38.499	32.970	30.948
84.0	51.992	44.358	33.795	28.678	26.863
84.5	45.968	38.746	29.297	24.593	22.943
85.0	40.273	33.341	24.964	20.756	19.105
85.5	34.744	28.142	20.838	16.836	14.979
86.0	29.545	23.190	17.124	12.792	10.440
86.5	24.387	18.734	13.534	8.088	6.437
87.0	19.641	14.525	9.656	5.117	4.580
87.5	15.226	10.811	5.571	3.920	3.590
88.0	11.141	7.386	3.507	3.012	2.806
88.5	7.675	4.126	2.600	2.187	1.939
89.0	4.828	2.063	1.733	1.403	1.238
89.5	2.393	1.114	0.949	0.701	0.619
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-L19-940-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-L19-940-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-L19-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	539.68	N.A.	16.50
0-30	1106.24	N.A.	33.70
0-40	1730.35	N.A.	52.80
0-60	2772.96	N.A.	84.50
0-80	3246.07	N.A.	99.00
0-90	3280.04	N.A.	100.00
10-90	3137.36	N.A.	95.60
20-40	1190.67	N.A.	36.30
20-50	1769.43	N.A.	53.90
40-70	1356.99	N.A.	41.40
60-80	473.11	N.A.	14.40
70-80	158.73	N.A.	4.80
80-90	33.97	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	3280.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	142.69
10-20	396.99
20-30	566.57
30-40	624.11
40-50	578.76
50-60	463.85
60-70	314.38
70-80	158.73
80-90	33.97
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-L19-940-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-L19-940-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	21.0	22.6	21.4	22.9	23.2	19.3	20.8	19.7	21.2	21.5
	3H	22.6	24.0	23.0	24.3	24.7	20.6	22.0	21.0	22.4	22.7
	4H	23.2	24.5	23.6	24.8	25.2	21.1	22.4	21.5	22.7	23.1
	6H	23.6	24.7	24.0	25.1	25.5	21.3	22.5	21.7	22.9	23.3
	8H	23.6	24.8	24.1	25.2	25.6	21.4	22.5	21.8	22.9	23.3
	12H	23.7	24.8	24.1	25.2	25.6	21.4	22.5	21.8	22.9	23.3

UGR Viewed Endwise

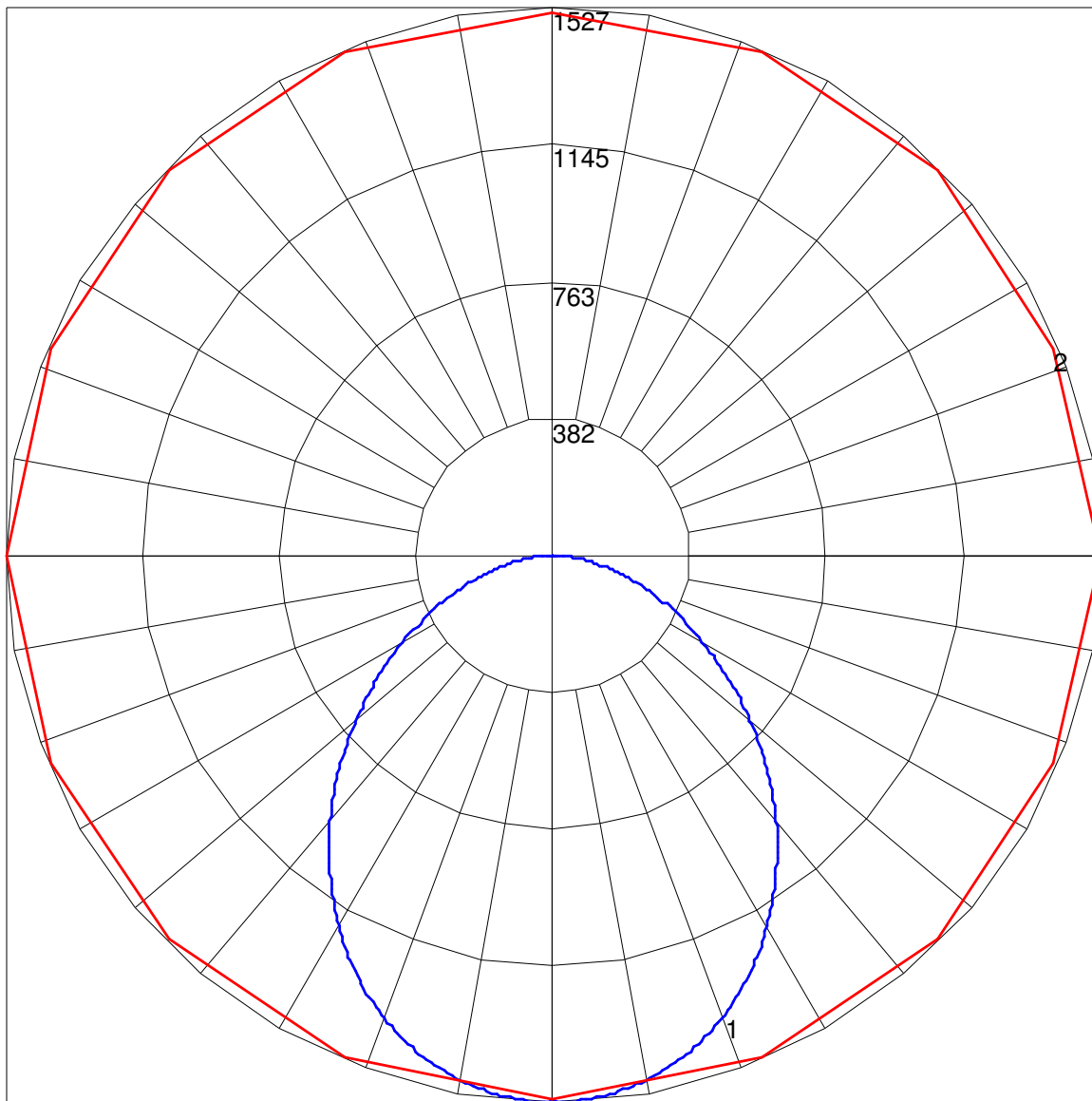
4H	2H	21.4	22.7	21.8	23.1	23.4	20.0	21.3	20.4	21.6	22.0
	3H	23.2	24.3	23.6	24.7	25.1	21.5	22.6	21.9	23.0	23.4
	4H	23.9	24.9	24.3	25.3	25.7	22.0	23.0	22.5	23.4	23.9
	6H	24.4	25.2	24.8	25.7	26.1	22.4	23.2	22.8	23.7	24.1
	8H	24.5	25.3	25.0	25.8	26.2	22.5	23.3	22.9	23.7	24.2
	12H	24.6	25.3	25.1	25.8	26.3	22.5	23.2	23.0	23.7	24.2

8H	4H	24.0	24.8	24.5	25.3	25.7	22.3	23.1	22.8	23.6	24.0
	6H	24.6	25.3	25.1	25.7	26.2	22.8	23.4	23.3	23.9	24.4
	8H	24.8	25.4	25.3	25.9	26.4	22.9	23.5	23.4	24.0	24.5
	12H	24.9	25.5	25.5	26.0	26.5	23.0	23.5	23.5	24.0	24.5

12H	4H	24.0	24.7	24.5	25.2	25.7	22.4	23.1	22.9	23.6	24.0
	6H	24.6	25.2	25.1	25.7	26.2	22.8	23.4	23.3	23.9	24.4
	8H	24.8	25.4	25.3	25.8	26.4	23.0	23.5	23.5	24.0	24.5

Maximum UGR = 26.5

POLAR GRAPH



Maximum Candela = 1526.752 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.)