



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L8-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN from UL #4792155383.02
[TESTLAB] UL, LLC
[ISSUE DATE] 27 Apr, 2026
[TEST DATE] 3/19/2026
[MANUFACTURER] H E Williams Inc
[LUMEN CATEGORY] LRX4x-4-L8/835-DMA-DIM-UNV
[LUMINAIRE] Nominal 4" x 4' suspended linear fixture (CRS construction
[MORE]) with diffused acrylic shielding
[LAMP] (2) 72 LED boards - 144 Total LED
[BALLAST] Edoled OTI85/120-277/2A3-DIM-1 L*2743W5/57420
[OTHER] 24.9 C, 120.047 V, 0.57784 A, 68.9866 W, 0.994502 PF, 59.9893 Hz
[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	3276
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	26
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)	4.00 ft
Luminous Width (90-270)	0.29 ft
Luminous Height	0.00 ft

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10973	9728	8612
55	9605	8302	7052
65	8173	6829	5673
75	6562	5128	4177
85	4249	2634	2016

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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	1517.352	1517.352	1517.352	1517.352	1517.352
0.5	1524.770	1514.055	1517.764	1516.528	1515.704
1.0	1524.358	1513.643	1517.352	1516.116	1515.292
1.5	1523.946	1512.819	1516.940	1515.292	1514.467
2.0	1523.122	1512.407	1515.704	1513.643	1514.055
2.5	1522.709	1511.583	1514.880	1512.819	1512.407
3.0	1521.473	1510.346	1513.643	1510.759	1510.346
3.5	1520.649	1509.110	1511.995	1509.110	1508.286
4.0	1518.588	1507.462	1510.346	1507.050	1505.813
4.5	1517.764	1505.813	1508.286	1504.577	1502.929
5.0	1515.704	1504.165	1505.813	1502.104	1500.456
5.5	1514.880	1501.692	1503.341	1498.808	1496.747
6.0	1511.171	1499.632	1500.456	1495.511	1493.450
6.5	1509.110	1497.571	1497.159	1491.802	1489.329
7.0	1506.638	1494.687	1494.275	1488.093	1485.620
7.5	1504.165	1491.802	1490.566	1483.972	1481.087
8.0	1501.280	1488.505	1487.269	1479.439	1476.142
8.5	1498.396	1485.620	1483.560	1474.494	1471.197
9.0	1495.099	1482.324	1479.027	1469.549	1466.252
9.5	1491.390	1478.203	1474.906	1464.191	1460.482
10.0	1488.505	1474.494	1469.961	1459.246	1455.125
10.5	1483.972	1470.373	1465.428	1453.889	1449.356
11.0	1479.851	1466.252	1460.070	1447.707	1443.586
11.5	1475.730	1461.719	1454.713	1441.526	1436.581
12.0	1471.197	1457.186	1449.356	1434.932	1429.987
12.5	1465.840	1451.828	1443.586	1428.339	1422.569
13.0	1461.307	1446.883	1437.405	1421.333	1415.563
13.5	1456.773	1441.526	1431.223	1414.327	1408.558
14.0	1451.004	1436.168	1425.042	1406.497	1400.316
14.5	1446.059	1429.987	1418.036	1399.079	1392.486
15.0	1440.289	1424.218	1411.030	1391.250	1384.244
15.5	1434.520	1418.036	1404.025	1383.008	1376.002
16.0	1428.339	1411.855	1396.607	1374.766	1366.936
16.5	1422.569	1405.673	1389.189	1366.111	1358.282
17.0	1415.976	1398.667	1381.359	1357.457	1348.803
17.5	1409.794	1391.662	1373.941	1348.391	1339.325
18.0	1402.788	1385.068	1365.699	1339.325	1329.847
18.5	1396.607	1377.650	1357.457	1329.847	1319.544
19.0	1389.189	1370.232	1348.803	1319.956	1309.242
19.5	1382.183	1362.815	1340.149	1310.478	1298.939
20.0	1374.766	1354.985	1331.083	1300.588	1288.637
20.5	1367.348	1347.155	1322.017	1290.285	1277.922
21.0	1359.518	1339.325	1312.951	1279.983	1266.795
21.5	1352.100	1330.671	1303.472	1269.268	1256.081
22.0	1343.858	1322.429	1293.582	1258.553	1245.366
22.5	1335.616	1313.775	1283.691	1247.839	1233.827
23.0	1327.786	1305.533	1274.213	1236.300	1222.289
23.5	1319.544	1296.467	1263.911	1225.173	1210.750
24.0	1310.890	1287.400	1253.608	1214.047	1198.799
24.5	1302.236	1278.334	1242.894	1202.508	1187.260
25.0	1293.170	1269.268	1232.591	1190.969	1175.309
25.5	1283.691	1259.378	1221.876	1179.018	1162.534
26.0	1274.625	1249.899	1210.338	1167.067	1150.171
26.5	1265.559	1240.009	1199.623	1155.116	1137.396

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CANDELA TABULATION - (Cont.)

27.0	1255.669	1230.118	1188.084	1142.753	1125.033
27.5	1245.366	1219.816	1176.958	1130.390	1112.670
28.0	1235.888	1209.926	1165.419	1117.615	1099.483
28.5	1225.997	1199.623	1154.292	1105.252	1086.708
29.0	1216.107	1189.321	1142.753	1092.477	1074.345
29.5	1204.568	1178.606	1130.802	1079.702	1061.157
30.0	1193.442	1167.479	1118.851	1066.927	1048.382
30.5	1183.139	1156.765	1107.313	1054.564	1035.195
31.0	1172.424	1146.050	1095.362	1041.789	1022.008
31.5	1162.122	1134.923	1083.411	1028.602	1008.821
32.0	1150.583	1123.797	1071.048	1015.826	996.046
32.5	1139.869	1112.258	1059.097	1002.639	982.446
33.0	1128.742	1101.131	1046.322	989.864	969.671
33.5	1117.615	1089.592	1034.783	976.677	955.660
34.0	1106.901	1078.054	1022.008	963.902	942.885
34.5	1095.774	1066.927	1009.645	951.127	930.110
35.0	1084.647	1054.976	996.870	937.940	916.922
35.5	1073.108	1043.025	984.507	925.577	903.323
36.0	1062.394	1031.486	972.144	912.389	890.960
36.5	1050.855	1019.535	959.369	899.614	877.773
37.0	1038.904	1007.584	947.418	886.839	865.410
37.5	1027.365	995.634	935.055	873.652	852.223
38.0	1015.826	983.271	922.280	860.877	839.036
38.5	1003.876	971.732	909.917	848.102	826.260
39.0	991.513	959.369	897.554	835.327	813.485
39.5	979.974	947.418	884.779	822.552	800.710
40.0	968.023	935.055	872.416	810.601	788.347
40.5	955.248	923.104	859.641	797.826	775.160
41.0	943.297	910.741	847.278	785.050	761.561
41.5	931.346	898.790	834.915	772.275	748.786
42.0	918.571	886.427	822.552	759.088	735.598
42.5	905.384	873.652	810.189	746.725	722.823
43.0	893.021	861.289	797.826	733.126	710.048
43.5	881.070	849.338	785.463	720.351	698.097
44.0	867.883	836.975	773.100	708.400	685.734
44.5	855.520	824.612	759.500	696.037	673.371
45.0	842.744	812.661	747.137	684.086	661.420
45.5	829.969	799.886	734.362	672.135	649.057
46.0	817.606	787.935	722.411	660.184	637.107
46.5	805.243	775.572	710.460	648.645	625.568
47.0	792.468	763.209	698.509	636.694	613.617
47.5	779.693	750.022	686.971	625.156	602.078
48.0	767.330	737.247	675.432	613.617	590.127
48.5	754.555	725.296	663.481	602.078	578.588
49.0	740.956	712.933	651.942	590.539	567.462
49.5	729.005	701.394	640.815	579.000	556.335
50.0	716.642	689.443	629.277	567.874	545.208
50.5	705.103	677.492	617.738	556.747	534.082
51.0	692.740	665.954	606.199	545.208	522.955
51.5	680.789	654.003	595.072	534.494	512.240
52.0	669.250	642.052	583.534	523.367	501.526
52.5	657.299	630.513	572.407	512.652	491.223
53.0	645.349	618.974	561.280	501.938	480.921
53.5	633.398	607.435	550.566	491.223	470.206
54.0	621.859	595.897	539.027	480.921	459.904
54.5	609.908	584.770	528.312	470.206	449.601

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55.0	598.369	573.231	517.185	460.316	439.299
55.5	586.418	562.104	506.471	449.601	429.408
56.0	574.467	550.566	495.756	439.711	419.518
56.5	562.929	539.439	485.042	429.820	410.246
57.0	550.978	528.312	473.915	419.930	400.479
57.5	539.439	517.598	463.612	410.039	390.959
58.0	527.900	506.471	452.898	400.314	381.605
58.5	516.361	495.344	442.183	390.712	372.250
59.0	504.822	484.630	431.881	381.275	362.978
59.5	493.284	473.915	421.578	371.838	353.953
60.0	482.157	463.200	411.193	362.360	344.969
60.5	471.030	452.486	401.138	353.128	335.985
61.0	459.904	442.183	390.877	343.980	327.166
61.5	449.189	431.469	380.904	334.749	318.471
62.0	438.062	420.754	370.849	325.930	310.064
62.5	427.348	410.575	361.123	317.070	301.492
63.0	416.633	400.396	351.439	308.251	293.086
63.5	406.125	390.217	341.755	299.349	284.596
64.0	395.904	380.121	332.317	290.778	276.437
64.5	385.355	370.025	322.798	282.247	268.318
65.0	375.135	360.134	313.443	273.717	260.406
65.5	364.997	350.120	304.006	265.351	252.329
66.0	354.901	340.189	294.899	257.192	244.416
66.5	344.886	330.381	285.750	248.908	236.422
67.0	334.749	320.655	276.725	240.708	228.757
67.5	324.611	310.929	267.824	232.795	221.092
68.0	314.886	301.369	258.840	224.842	213.344
68.5	304.954	291.890	250.062	217.012	205.885
69.0	295.105	282.412	241.367	209.223	198.467
69.5	285.544	272.975	232.878	201.517	191.256
70.0	275.860	263.579	224.224	193.975	183.961
70.5	266.299	254.348	215.734	186.475	176.915
71.0	256.738	245.199	207.492	179.181	169.785
71.5	247.384	235.968	199.250	171.928	162.903
72.0	238.070	226.985	191.091	164.716	156.021
72.5	228.798	218.083	182.972	157.669	149.345
73.0	219.773	209.306	175.019	150.581	142.793
73.5	210.748	200.404	167.189	143.823	136.240
74.0	201.888	191.668	159.441	137.023	129.729
74.5	193.110	183.096	151.776	130.430	123.548
75.0	184.456	174.648	144.153	123.795	117.407
75.5	175.967	166.365	136.776	117.490	111.308
76.0	167.683	158.164	129.564	111.185	105.415
76.5	159.359	149.963	122.352	105.127	99.646
77.0	151.488	141.968	115.429	99.069	93.918
77.5	143.493	134.097	108.547	93.217	88.313
78.0	135.540	126.350	101.747	87.489	82.997
78.5	127.669	118.685	95.236	81.925	77.598
79.0	120.168	111.308	88.849	76.445	72.406
79.5	112.792	103.808	82.626	70.964	67.337
80.0	105.456	96.637	76.445	65.812	62.433
80.5	98.162	89.508	70.428	60.702	57.570
81.0	91.115	82.585	64.658	55.840	52.955
81.5	84.151	75.868	59.013	51.018	48.381
82.0	77.434	69.068	53.655	46.320	43.847
82.5	70.881	62.639	48.381	41.746	39.520

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CANDELA TABULATION - (Cont.)

83.0	64.411	56.293	43.270	37.295	35.111
83.5	58.024	50.235	38.449	32.927	30.907
84.0	51.925	44.301	33.751	28.641	26.828
84.5	45.908	38.696	29.259	24.561	22.913
85.0	40.221	33.298	24.932	20.729	19.080
85.5	34.699	28.105	20.811	16.814	14.959
86.0	29.506	23.160	17.102	12.775	10.426
86.5	24.355	18.709	13.517	8.077	6.429
87.0	19.616	14.506	9.643	5.110	4.574
87.5	15.206	10.797	5.563	3.915	3.585
88.0	11.127	7.377	3.503	3.008	2.802
88.5	7.665	4.121	2.596	2.184	1.937
89.0	4.822	2.060	1.731	1.401	1.236
89.5	2.390	1.113	0.948	0.701	0.618
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-4-L8-835-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-4-L8-835-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-4-L8-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fxt
0-20	538.98	N.A.	16.50
0-30	1104.81	N.A.	33.70
0-40	1728.1	N.A.	52.80
0-60	2769.36	N.A.	84.50
0-80	3241.86	N.A.	99.00
0-90	3275.78	N.A.	100.00
10-90	3133.28	N.A.	95.60
20-40	1189.13	N.A.	36.30
20-50	1767.13	N.A.	53.90
40-70	1355.23	N.A.	41.40
60-80	472.50	N.A.	14.40
70-80	158.53	N.A.	4.80
80-90	33.93	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	3275.78	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	142.50
10-20	396.47
20-30	565.83
30-40	623.30
40-50	578.00
50-60	463.25
60-70	313.97
70-80	158.53
80-90	33.93
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-4-L8-835-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-4-L8-835-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

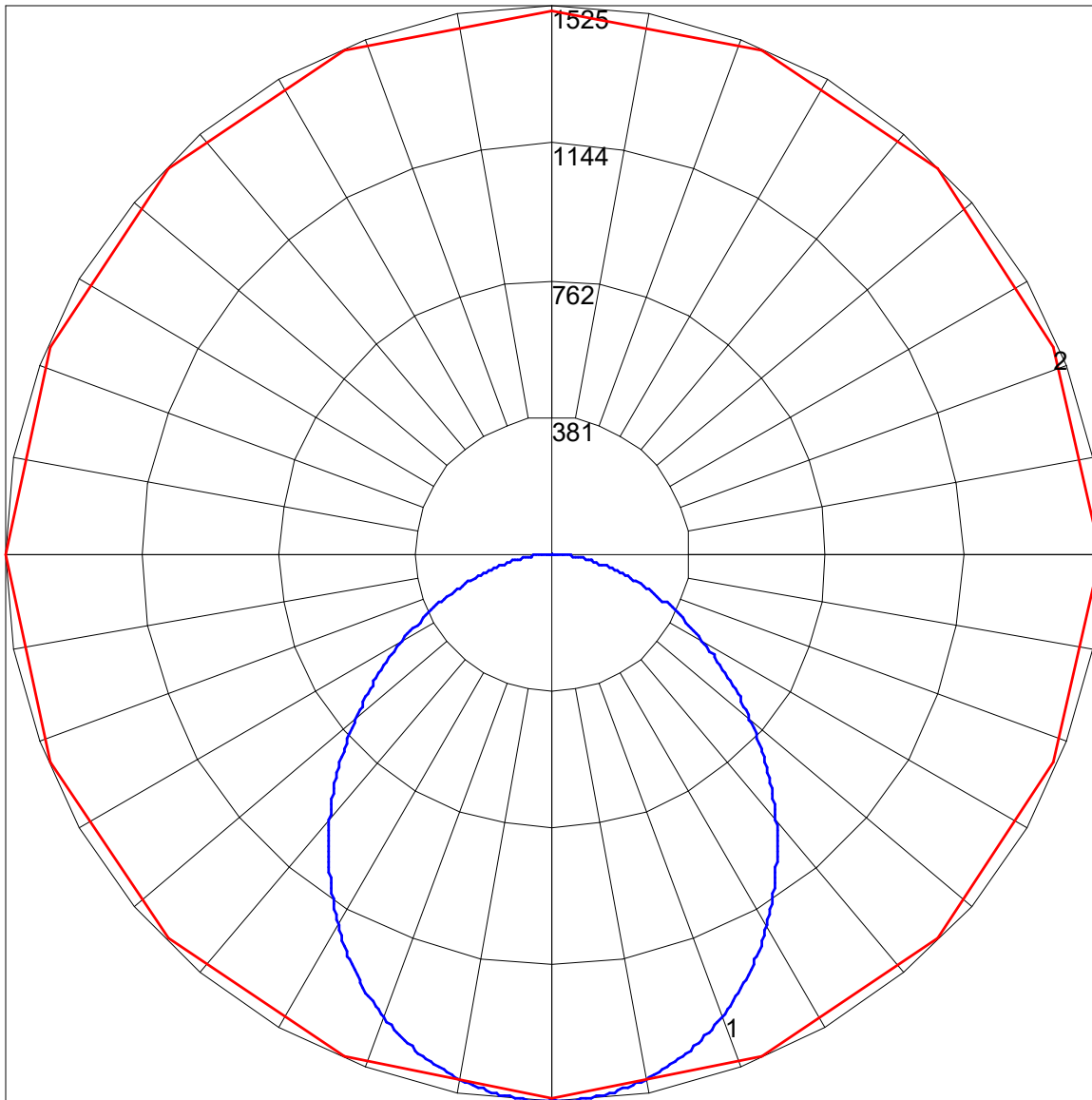
Reflectances

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	19.7	21.3	20.1	21.6	21.9	18.0	19.5	18.4	19.8	20.2
	3H	21.3	22.7	21.7	23.0	23.4	19.3	20.7	19.7	21.0	21.4
	4H	21.9	23.2	22.3	23.5	23.9	19.8	21.1	20.2	21.4	21.8
	6H	22.2	23.4	22.7	23.8	24.2	20.0	21.2	20.4	21.6	22.0
	8H	22.3	23.5	22.8	23.9	24.3	20.1	21.2	20.5	21.6	22.0
	12H	22.4	23.5	22.8	23.9	24.3	20.1	21.2	20.5	21.6	22.0
4H	2H	20.1	21.4	20.5	21.7	22.1	18.7	20.0	19.1	20.3	20.7
	3H	21.9	23.0	22.3	23.4	23.8	20.2	21.3	20.6	21.7	22.1
	4H	22.6	23.6	23.0	24.0	24.4	20.7	21.7	21.2	22.1	22.6
	6H	23.1	23.9	23.5	24.4	24.8	21.1	21.9	21.5	22.4	22.8
	8H	23.2	24.0	23.7	24.5	24.9	21.2	21.9	21.6	22.4	22.9
	12H	23.3	24.0	23.8	24.5	25.0	21.2	21.9	21.7	22.4	22.8
8H	4H	22.7	23.5	23.2	23.9	24.4	21.0	21.8	21.5	22.3	22.7
	6H	23.3	24.0	23.8	24.4	24.9	21.5	22.1	21.9	22.6	23.1
	8H	23.5	24.1	24.0	24.6	25.1	21.6	22.2	22.1	22.7	23.2
	12H	23.6	24.2	24.2	24.6	25.2	21.6	22.2	22.2	22.7	23.2
12H	4H	22.7	23.4	23.2	23.9	24.4	21.1	21.8	21.5	22.3	22.7
	6H	23.3	23.9	23.8	24.4	24.9	21.5	22.1	22.0	22.6	23.1
	8H	23.5	24.0	24.0	24.5	25.1	21.7	22.2	22.2	22.7	23.2

Maximum UGR = 25.2

POLAR GRAPH



Maximum Candela = 1524.77 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.)