

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L8-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L8-850-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 4' 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	3422
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	30.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	14614	12652	11037
55	12915	10832	8962
65	11078	8717	7036
75	8888	6215	4828
85	5851	1852	1003

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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	1627.391	1627.391	1627.391	1627.391	1627.391
0.5	1629.927	1624.854	1628.912	1627.898	1623.332
1.0	1628.912	1624.347	1628.912	1627.391	1622.825
1.5	1628.405	1623.332	1627.391	1625.869	1621.303
2.0	1627.898	1622.825	1626.883	1624.854	1619.781
2.5	1626.883	1621.810	1625.361	1622.825	1618.259
3.0	1625.869	1620.796	1623.840	1620.796	1615.723
3.5	1624.347	1619.274	1621.303	1617.752	1613.186
4.0	1622.825	1617.245	1619.274	1615.216	1609.635
4.5	1621.303	1615.216	1616.230	1611.665	1605.577
5.0	1620.288	1613.186	1613.694	1607.606	1602.026
5.5	1617.245	1610.650	1610.143	1604.055	1597.968
6.0	1615.216	1608.113	1606.592	1599.490	1593.402
6.5	1612.679	1605.070	1603.041	1594.417	1588.329
7.0	1609.635	1601.519	1598.982	1589.851	1582.242
7.5	1606.592	1598.475	1594.417	1583.763	1576.154
8.0	1603.548	1594.924	1589.851	1578.183	1569.559
8.5	1599.997	1590.866	1584.778	1572.096	1563.979
9.0	1595.938	1586.807	1579.705	1565.501	1557.384
9.5	1592.387	1583.256	1574.125	1558.906	1549.775
10.0	1588.329	1578.691	1568.545	1551.804	1542.166
10.5	1584.778	1574.125	1562.457	1544.195	1534.049
11.0	1580.212	1569.052	1555.862	1536.585	1524.918
11.5	1576.154	1564.486	1549.268	1528.469	1517.308
12.0	1573.110	1559.921	1542.166	1520.352	1508.684
12.5	1566.516	1554.848	1535.064	1511.221	1500.060
13.0	1560.428	1548.760	1527.961	1502.597	1490.422
13.5	1555.355	1541.658	1520.352	1493.973	1480.783
14.0	1549.268	1535.064	1512.235	1484.334	1471.145
14.5	1543.180	1527.961	1504.119	1474.696	1460.999
15.0	1537.093	1521.367	1496.509	1465.057	1450.346
15.5	1531.005	1514.772	1488.393	1454.404	1439.693
16.0	1524.410	1507.670	1480.276	1444.258	1429.547
16.5	1518.323	1500.060	1471.145	1434.113	1418.387
17.0	1510.714	1492.451	1460.999	1422.952	1406.719
17.5	1503.611	1484.842	1451.360	1412.299	1395.558
18.0	1497.017	1476.725	1441.722	1401.139	1383.383
18.5	1488.900	1468.608	1431.576	1389.471	1371.716
19.0	1481.291	1460.492	1421.430	1378.818	1360.048
19.5	1474.189	1451.868	1411.284	1366.643	1346.858
20.0	1465.565	1443.244	1401.139	1354.468	1334.683
20.5	1457.955	1435.127	1390.993	1342.800	1322.508
21.0	1449.839	1425.996	1379.832	1331.132	1309.826
21.5	1441.215	1416.865	1368.672	1318.957	1297.144
22.0	1432.591	1407.733	1358.019	1306.275	1284.462
22.5	1423.967	1398.095	1347.366	1293.593	1271.779
23.0	1414.835	1388.964	1335.698	1280.911	1258.590
23.5	1406.212	1379.325	1324.030	1268.736	1245.400
24.0	1396.066	1369.179	1312.363	1255.546	1232.718
24.5	1386.934	1359.033	1300.188	1242.864	1219.528
25.0	1377.296	1348.888	1289.027	1229.674	1206.339
25.5	1367.657	1338.742	1276.852	1216.485	1192.642
26.0	1358.019	1327.581	1264.677	1203.802	1179.452
26.5	1347.873	1317.436	1252.502	1190.613	1165.755

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CANDELA TABULATION - (Cont.)

27.0	1337.220	1306.275	1240.327	1177.423	1152.566
27.5	1326.567	1295.622	1227.645	1164.234	1138.869
28.0	1314.899	1284.462	1215.470	1151.044	1125.172
28.5	1303.231	1273.301	1203.295	1138.362	1111.475
29.0	1292.578	1262.141	1190.105	1124.665	1097.778
29.5	1281.925	1250.473	1177.423	1110.968	1083.574
30.0	1270.257	1238.805	1165.248	1097.778	1070.892
30.5	1259.604	1227.645	1152.566	1084.082	1057.195
31.0	1247.937	1215.977	1139.884	1070.385	1044.006
31.5	1237.284	1203.802	1126.694	1057.195	1030.816
32.0	1225.616	1191.627	1114.012	1043.498	1017.119
32.5	1213.948	1179.452	1100.822	1029.294	1003.422
33.0	1202.788	1167.277	1088.140	1016.105	990.233
33.5	1191.120	1155.610	1075.458	1003.422	977.043
34.0	1178.945	1142.927	1062.268	989.725	963.346
34.5	1167.277	1130.752	1049.586	976.536	950.664
35.0	1155.102	1118.577	1036.396	963.346	936.460
35.5	1143.942	1105.895	1023.207	950.157	922.763
36.0	1131.767	1093.720	1010.524	936.460	908.051
36.5	1119.592	1081.038	997.335	922.763	895.369
37.0	1107.924	1068.356	984.145	908.559	882.180
37.5	1095.242	1055.673	971.970	895.369	869.497
38.0	1082.052	1043.498	958.781	882.687	856.308
38.5	1069.877	1030.309	945.591	870.005	843.625
39.0	1058.210	1017.626	931.387	856.815	830.943
39.5	1045.020	1004.944	917.690	844.133	818.261
40.0	1032.845	992.262	904.500	831.958	805.579
40.5	1020.163	979.580	891.818	818.768	792.896
41.0	1006.466	966.897	879.136	806.593	780.214
41.5	993.784	953.708	865.946	793.911	768.039
42.0	980.594	940.518	853.771	781.736	755.357
42.5	967.405	926.821	840.582	769.054	743.182
43.0	954.722	912.617	828.914	756.879	730.499
43.5	941.025	899.935	816.232	744.704	717.817
44.0	926.821	887.253	803.549	732.529	705.135
44.5	912.110	874.063	791.374	720.354	692.453
45.0	899.428	861.381	778.692	708.179	679.263
45.5	886.745	848.698	766.517	696.004	666.581
46.0	873.556	836.016	753.835	683.321	654.406
46.5	860.366	823.334	741.660	671.146	641.724
47.0	847.176	810.652	729.992	658.464	629.549
47.5	834.494	797.969	717.817	646.289	617.374
48.0	821.305	785.287	705.642	633.607	605.199
48.5	808.622	773.112	693.467	621.432	593.024
49.0	795.940	760.430	681.800	609.257	580.849
49.5	782.751	747.747	669.625	597.082	569.181
50.0	770.576	735.572	657.957	585.414	558.020
50.5	757.893	722.890	646.289	573.239	546.353
51.0	745.211	710.715	634.621	561.571	534.685
51.5	732.529	698.540	622.954	549.904	523.525
52.0	719.846	686.365	611.286	538.236	512.364
52.5	707.671	674.190	599.618	527.076	501.102
53.0	694.989	662.522	587.951	515.408	489.790
53.5	682.307	650.347	576.283	504.197	479.542
54.0	669.625	638.172	564.615	492.986	468.433
54.5	657.450	625.997	552.440	481.977	457.780

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CANDELA TABULATION - (Cont.)

55.0	644.767	614.330	540.773	470.766	447.431
55.5	632.592	602.662	529.105	459.961	437.082
56.0	619.910	590.994	516.930	449.105	426.632
56.5	607.735	578.819	505.465	438.553	416.131
57.0	595.053	567.659	493.950	427.900	406.087
57.5	583.385	555.991	482.434	417.501	395.941
58.0	571.210	544.324	470.969	407.152	386.150
58.5	558.528	532.656	459.758	396.905	376.207
59.0	546.860	520.988	448.446	386.810	366.366
59.5	534.685	509.828	437.234	376.715	356.829
60.0	523.017	498.363	426.226	366.924	347.495
60.5	510.842	487.203	415.421	356.981	338.008
61.0	499.073	475.991	404.616	347.139	328.776
61.5	487.304	464.831	393.810	337.501	319.796
62.0	475.586	453.671	383.056	328.268	310.716
62.5	464.121	442.764	372.403	318.883	301.686
63.0	452.656	431.908	361.902	309.549	292.961
63.5	441.445	421.153	351.401	300.367	284.438
64.0	429.879	410.348	341.103	291.337	275.662
64.5	418.617	399.695	330.855	282.358	267.190
65.0	407.507	388.991	320.659	273.531	258.820
65.5	396.347	378.389	310.564	264.705	250.450
66.0	385.389	368.040	300.570	256.131	242.181
66.5	374.533	357.590	290.779	247.457	234.115
67.0	363.525	347.139	280.887	238.985	226.100
67.5	352.720	336.841	271.299	230.615	218.034
68.0	342.117	326.341	261.559	222.295	210.171
68.5	331.464	315.789	252.225	214.178	202.359
69.0	320.912	305.034	242.891	206.011	194.648
69.5	310.412	294.584	233.658	198.047	187.140
70.0	299.860	284.083	224.527	190.184	179.429
70.5	289.410	273.582	215.497	182.371	172.124
71.0	279.010	263.233	206.569	174.610	164.717
71.5	268.915	253.037	197.793	167.051	157.311
72.0	258.972	242.942	189.169	159.442	150.057
72.5	248.776	233.100	180.646	152.035	142.904
73.0	238.883	223.208	172.276	144.679	135.954
73.5	228.941	213.367	164.058	137.374	128.903
74.0	219.353	203.880	155.941	130.374	122.156
74.5	209.714	194.394	147.977	123.221	115.409
75.0	200.228	184.958	140.012	116.271	108.763
75.5	190.792	175.827	132.302	109.423	102.371
76.0	181.712	166.696	124.743	102.828	95.980
76.5	172.682	157.869	117.235	96.335	89.841
77.0	163.754	148.941	109.930	89.892	83.957
77.5	155.028	140.266	102.726	83.703	78.072
78.0	146.354	131.744	95.624	77.666	72.340
78.5	137.933	123.373	88.573	71.782	66.760
79.0	129.613	115.104	81.775	65.999	61.281
79.5	121.598	106.937	75.181	60.418	55.853
80.0	113.684	98.973	68.789	54.990	50.628
80.5	105.922	91.160	62.600	49.562	45.403
81.0	98.262	83.449	56.715	44.287	40.330
81.5	90.805	75.992	50.932	39.061	35.155
82.0	83.551	68.789	45.453	34.039	30.032
82.5	76.500	61.788	40.076	28.865	24.604

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CANDELA TABULATION - (Cont.)

83.0	69.651	54.990	34.800	23.589	18.770
83.5	63.006	48.396	29.727	17.755	12.530
84.0	56.563	42.156	24.756	11.820	9.689
84.5	50.374	36.170	19.734	9.030	8.573
85.0	44.388	30.488	14.052	7.914	7.609
85.5	38.656	25.162	8.522	6.950	6.696
86.0	33.126	20.089	6.696	5.986	5.783
86.5	27.749	15.320	5.682	5.073	4.870
87.0	22.727	10.653	4.718	4.211	4.008
87.5	17.907	5.631	3.754	3.297	3.196
88.0	13.392	3.551	2.892	2.486	2.334
88.5	9.233	2.638	2.029	1.725	1.623
89.0	5.631	1.725	1.217	1.015	0.964
89.5	2.536	0.913	0.609	0.507	0.406
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 : LRX2X-4-L8-850-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 : LRX2X-4-L8-850-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 : LRX2X-4-L8-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	572.30	N.A.	16.70
0-30	1165.06	N.A.	34.10
0-40	1815.42	N.A.	53.10
0-60	2906.64	N.A.	85.00
0-80	3392.57	N.A.	99.20
0-90	3421.5	N.A.	100.00
10-90	3269.14	N.A.	95.50
20-40	1243.11	N.A.	36.30
20-50	1848.31	N.A.	54.00
40-70	1417.92	N.A.	41.40
60-80	485.93	N.A.	14.20
70-80	159.23	N.A.	4.70
80-90	28.93	N.A.	0.80
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	3421.5	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	152.36
10-20	419.94
20-30	592.76
30-40	650.35
40-50	605.20
50-60	486.02
60-70	326.70
70-80	159.23
80-90	28.93
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 : LRX2X-4-L8-850-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	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	81	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L8-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

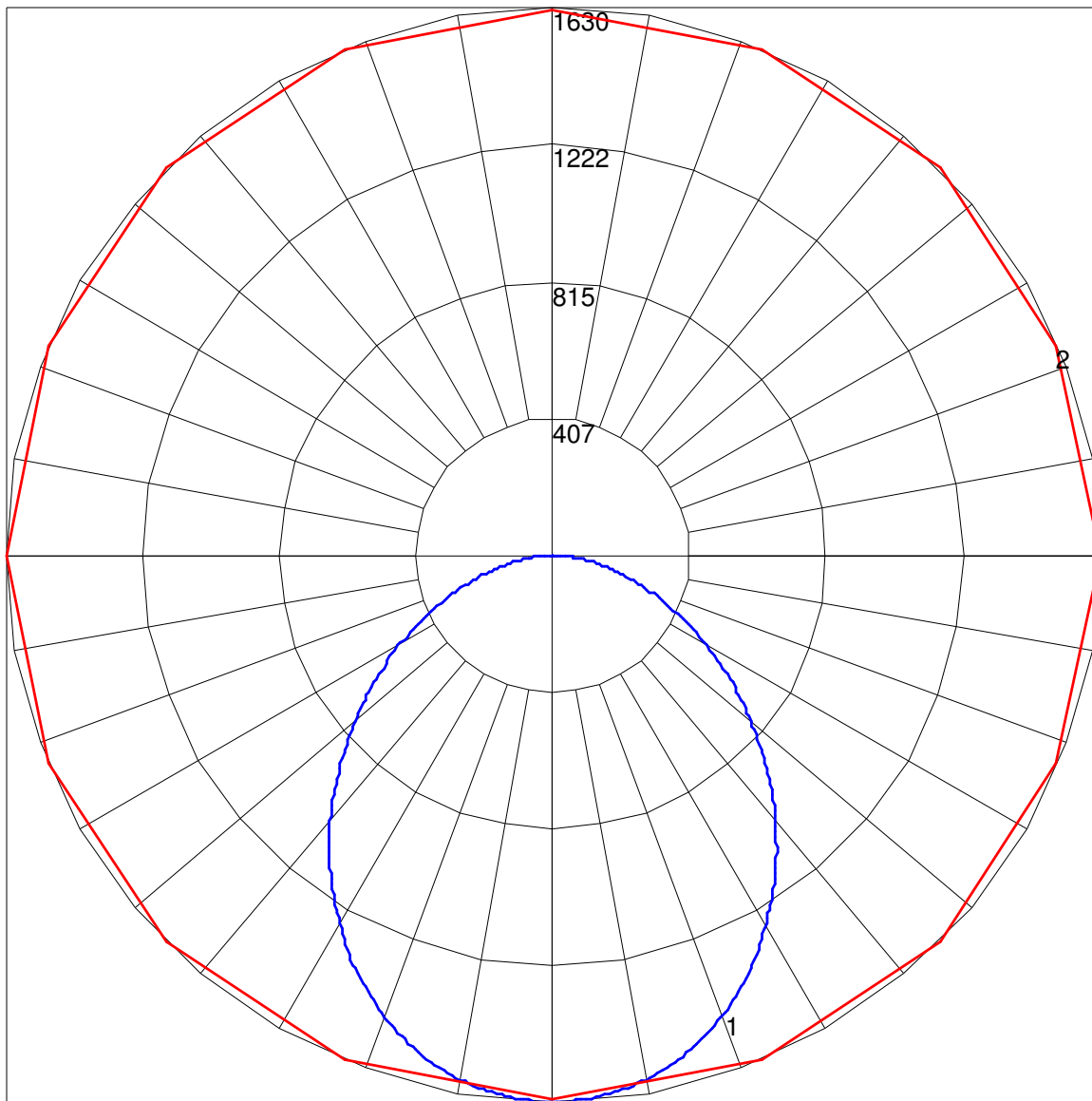
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	20.9	22.4	21.3	22.8	23.1	18.8	20.3	19.2	20.6	20.9
	3H	22.5	23.9	22.9	24.2	24.6	20.0	21.4	20.4	21.8	22.1
	4H	23.1	24.4	23.5	24.7	25.1	20.4	21.7	20.8	22.1	22.4
	6H	23.4	24.6	23.8	25.0	25.4	20.6	21.8	21.0	22.2	22.6
	8H	23.5	24.7	24.0	25.1	25.5	20.6	21.8	21.1	22.1	22.5
	12H	23.6	24.7	24.0	25.1	25.5	20.6	21.7	21.0	22.1	22.5
4H	2H	21.2	22.5	21.6	22.9	23.2	19.5	20.8	19.9	21.1	21.5
	3H	23.1	24.1	23.5	24.5	24.9	20.9	22.0	21.3	22.4	22.8
	4H	23.7	24.7	24.2	25.1	25.6	21.4	22.3	21.8	22.8	23.2
	6H	24.2	25.1	24.7	25.5	26.0	21.6	22.5	22.1	22.9	23.4
	8H	24.4	25.1	24.8	25.6	26.1	21.6	22.4	22.1	22.9	23.3
	12H	24.4	25.2	24.9	25.6	26.1	21.6	22.3	22.1	22.8	23.3
8H	4H	23.8	24.6	24.3	25.0	25.5	21.7	22.5	22.1	22.9	23.4
	6H	24.4	25.0	24.9	25.5	26.0	22.0	22.6	22.5	23.1	23.6
	8H	24.6	25.2	25.1	25.7	26.2	22.0	22.6	22.5	23.1	23.6
	12H	24.7	25.2	25.2	25.7	26.3	22.0	22.5	22.5	23.0	23.6
12H	4H	23.8	24.5	24.3	25.0	25.5	21.7	22.4	22.2	22.9	23.4
	6H	24.4	25.0	24.9	25.4	26.0	22.0	22.6	22.6	23.1	23.6
	8H	24.6	25.1	25.1	25.6	26.2	22.1	22.6	22.6	23.1	23.7

Maximum UGR = 26.3

POLAR GRAPH



Maximum Candela = 1629.927 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.)