

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L8-827-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L8-827-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	3131
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
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	13373	11578	10100
55	11819	9912	8201
65	10138	7977	6439
75	8134	5688	4418
85	5355	1695	918

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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	1489.216	1489.216	1489.216	1489.216	1489.216
0.5	1491.537	1486.895	1490.608	1489.680	1485.502
1.0	1490.608	1486.430	1490.608	1489.216	1485.038
1.5	1490.144	1485.502	1489.216	1487.823	1483.645
2.0	1489.680	1485.038	1488.752	1486.895	1482.253
2.5	1488.752	1484.109	1487.359	1485.038	1480.860
3.0	1487.823	1483.181	1485.966	1483.181	1478.539
3.5	1486.430	1481.788	1483.645	1480.396	1476.218
4.0	1485.038	1479.931	1481.788	1478.075	1472.968
4.5	1483.645	1478.075	1479.003	1474.825	1469.254
5.0	1482.717	1476.218	1476.682	1471.111	1466.005
5.5	1479.931	1473.897	1473.432	1467.862	1462.291
6.0	1478.075	1471.575	1470.183	1463.684	1458.113
6.5	1475.753	1468.790	1466.933	1459.042	1453.471
7.0	1472.968	1465.541	1463.220	1454.864	1447.900
7.5	1470.183	1462.755	1459.042	1449.293	1442.330
8.0	1467.397	1459.506	1454.864	1444.187	1436.295
8.5	1464.148	1455.792	1450.221	1438.616	1431.188
9.0	1460.434	1452.078	1445.579	1432.581	1425.154
9.5	1457.185	1448.829	1440.473	1426.546	1418.190
10.0	1453.471	1444.651	1435.366	1420.047	1411.227
10.5	1450.221	1440.473	1429.796	1413.084	1403.799
11.0	1446.043	1435.831	1423.761	1406.121	1395.443
11.5	1442.330	1431.653	1417.726	1398.693	1388.480
12.0	1439.544	1427.475	1411.227	1391.266	1380.588
12.5	1433.509	1422.832	1404.728	1382.910	1372.697
13.0	1427.939	1417.262	1398.229	1375.018	1363.877
13.5	1423.297	1410.763	1391.266	1367.126	1355.056
14.0	1417.726	1404.728	1383.838	1358.306	1346.236
14.5	1412.155	1398.229	1376.410	1349.486	1336.952
15.0	1406.585	1392.194	1369.447	1340.666	1327.203
15.5	1401.014	1386.159	1362.020	1330.917	1317.455
16.0	1394.979	1379.660	1354.592	1321.633	1308.170
16.5	1389.409	1372.697	1346.236	1312.348	1297.957
17.0	1382.445	1365.733	1336.952	1302.135	1287.280
17.5	1375.946	1358.770	1328.132	1292.387	1277.068
18.0	1369.911	1351.343	1319.312	1282.174	1265.926
18.5	1362.484	1343.915	1310.027	1271.497	1255.249
19.0	1355.521	1336.488	1300.743	1261.748	1244.572
19.5	1349.022	1328.596	1291.458	1250.607	1232.502
20.0	1341.130	1320.704	1282.174	1239.466	1221.361
20.5	1334.167	1313.277	1272.890	1228.789	1210.220
21.0	1326.739	1304.921	1262.677	1218.112	1198.614
21.5	1318.847	1296.565	1252.464	1206.970	1187.009
22.0	1310.956	1288.209	1242.715	1195.365	1175.403
22.5	1303.064	1279.389	1232.967	1183.759	1163.798
23.0	1294.708	1271.033	1222.290	1172.154	1151.728
23.5	1286.816	1262.213	1211.613	1161.013	1139.659
24.0	1277.532	1252.928	1200.936	1148.943	1128.053
24.5	1269.176	1243.644	1189.794	1137.338	1115.983
25.0	1260.356	1234.359	1179.581	1125.268	1103.914
25.5	1251.535	1225.075	1168.440	1113.198	1091.380
26.0	1242.715	1214.862	1157.299	1101.593	1079.310
26.5	1233.431	1205.578	1146.158	1089.523	1066.776

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PHOTOMETRIC FILENAME : LRX2X-4-L8-827-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1223.682	1195.365	1135.016	1077.453	1054.706
27.5	1213.934	1185.616	1123.411	1065.384	1042.173
28.0	1203.257	1175.403	1112.270	1053.314	1029.639
28.5	1192.580	1165.191	1101.128	1041.708	1017.105
29.0	1182.831	1154.978	1089.059	1029.174	1004.571
29.5	1173.082	1144.301	1077.453	1016.640	991.573
30.0	1162.405	1133.624	1066.312	1004.571	979.967
30.5	1152.657	1123.411	1054.706	992.037	967.433
31.0	1141.980	1112.734	1043.101	979.503	955.364
31.5	1132.231	1101.593	1031.031	967.433	943.294
32.0	1121.554	1090.451	1019.426	954.899	930.760
32.5	1110.877	1079.310	1007.356	941.901	918.226
33.0	1100.664	1068.169	995.751	929.831	906.156
33.5	1089.987	1057.492	984.145	918.226	894.087
34.0	1078.846	1045.886	972.075	905.692	881.553
34.5	1068.169	1034.745	960.470	893.622	869.947
35.0	1057.028	1023.604	948.400	881.553	856.949
35.5	1046.815	1011.998	936.331	869.483	844.415
36.0	1035.673	1000.857	924.725	856.949	830.953
36.5	1024.532	989.252	912.655	844.415	819.347
37.0	1013.855	977.646	900.586	831.417	807.278
37.5	1002.250	966.041	889.444	819.347	795.672
38.0	990.180	954.899	877.375	807.742	783.602
38.5	979.039	942.830	865.305	796.136	771.997
39.0	968.362	931.224	852.307	784.067	760.391
39.5	956.292	919.619	839.773	772.461	748.786
40.0	945.151	908.013	827.703	761.320	737.180
40.5	933.545	896.408	816.098	749.250	725.575
41.0	921.011	884.802	804.492	738.109	713.969
41.5	909.406	872.732	792.423	726.503	702.828
42.0	897.336	860.663	781.281	715.362	691.223
42.5	885.266	848.129	769.212	703.757	680.081
43.0	873.661	835.131	758.534	692.615	668.476
43.5	861.127	823.525	746.929	681.474	656.870
44.0	848.129	811.920	735.324	670.333	645.265
44.5	834.666	799.850	724.182	659.192	633.659
45.0	823.061	788.245	712.577	648.050	621.590
45.5	811.455	776.639	701.436	636.909	609.984
46.0	799.386	765.034	689.830	625.304	598.843
46.5	787.316	753.428	678.689	614.162	587.238
47.0	775.246	741.823	668.012	602.557	576.096
47.5	763.641	730.217	656.870	591.416	564.955
48.0	751.571	718.612	645.729	579.810	553.814
48.5	739.966	707.470	634.588	568.669	542.672
49.0	728.360	695.865	623.911	557.527	531.531
49.5	716.291	684.259	612.770	546.386	520.854
50.0	705.149	673.118	602.093	535.709	510.641
50.5	693.544	661.513	591.416	524.568	499.964
51.0	681.938	650.371	580.738	513.891	489.287
51.5	670.333	639.230	570.061	503.214	479.074
52.0	658.727	628.089	559.384	492.537	468.862
52.5	647.586	616.948	548.707	482.324	458.556
53.0	635.981	606.271	538.030	471.647	448.204
53.5	624.375	595.129	527.353	461.388	438.827
54.0	612.770	583.988	516.676	451.128	428.660
54.5	601.628	572.847	505.535	441.055	418.912

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CANDELA TABULATION - (Cont.)

55.0	590.023	562.170	494.858	430.796	409.442
55.5	578.882	551.493	484.181	420.908	399.971
56.0	567.276	540.816	473.040	410.973	390.409
56.5	556.135	529.674	462.548	401.318	380.799
57.0	544.529	519.461	452.010	391.569	371.608
57.5	533.852	508.784	441.473	382.053	362.323
58.0	522.711	498.107	430.981	372.582	353.364
58.5	511.106	487.430	420.722	363.205	344.265
59.0	500.429	476.753	410.370	353.967	335.259
59.5	489.287	466.540	400.111	344.729	326.532
60.0	478.610	456.049	390.037	335.770	317.990
60.5	467.469	445.836	380.149	326.671	309.309
61.0	456.699	435.577	370.261	317.665	300.861
61.5	445.929	425.364	360.374	308.845	292.644
62.0	435.206	415.151	350.532	300.396	284.334
62.5	424.714	405.171	340.783	291.808	276.071
63.0	414.223	395.236	331.174	283.267	268.087
63.5	403.964	385.395	321.565	274.864	260.288
64.0	393.380	375.507	312.141	266.601	252.257
64.5	383.074	365.758	302.764	258.385	244.504
65.0	372.907	355.963	293.433	250.307	236.845
65.5	362.695	346.261	284.195	242.230	229.185
66.0	352.667	336.791	275.050	234.384	221.618
66.5	342.733	327.228	266.091	226.446	214.237
67.0	332.660	317.665	257.038	218.694	206.903
67.5	322.772	308.242	248.265	211.034	199.521
68.0	313.070	298.632	239.352	203.421	192.326
68.5	303.321	288.977	230.810	195.993	185.177
69.0	293.665	279.135	222.268	188.519	178.121
69.5	284.056	269.572	213.819	181.231	171.251
70.0	274.400	259.963	205.464	174.036	164.194
70.5	264.837	250.354	197.200	166.887	157.510
71.0	255.321	240.883	189.030	159.784	150.732
71.5	246.083	231.553	180.999	152.867	143.954
72.0	236.984	222.315	173.107	145.904	137.316
72.5	227.653	213.309	165.309	139.127	130.771
73.0	218.601	204.257	157.649	132.395	124.411
73.5	209.502	195.251	150.129	125.711	117.958
74.0	200.728	186.570	142.701	119.304	111.784
74.5	191.908	177.889	135.413	112.759	105.610
75.0	183.227	169.254	128.125	106.399	99.529
75.5	174.593	160.898	121.068	100.132	93.679
76.0	166.283	152.542	114.152	94.097	87.830
76.5	158.020	144.465	107.281	88.155	82.213
77.0	149.850	136.295	100.596	82.260	76.828
77.5	141.865	128.357	94.004	76.596	71.443
78.0	133.927	120.558	87.505	71.072	66.198
78.5	126.221	112.898	81.053	65.687	61.091
79.0	118.608	105.331	74.832	60.395	56.078
79.5	111.273	97.857	68.797	55.289	51.111
80.0	104.032	90.569	62.948	50.321	46.329
80.5	96.929	83.420	57.285	45.354	41.548
81.0	89.919	76.364	51.900	40.526	36.905
81.5	83.095	69.540	46.608	35.745	32.170
82.0	76.457	62.948	41.594	31.149	27.482
82.5	70.004	56.542	36.673	26.414	22.515

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CANDELA TABULATION - (Cont.)

83.0	63.737	50.321	31.845	21.586	17.176
83.5	57.656	44.287	27.203	16.248	11.466
84.0	51.760	38.577	22.654	10.816	8.867
84.5	46.097	33.099	18.058	8.263	7.845
85.0	40.619	27.900	12.859	7.242	6.963
85.5	35.374	23.025	7.799	6.360	6.128
86.0	30.314	18.383	6.128	5.478	5.292
86.5	25.393	14.019	5.199	4.642	4.457
87.0	20.797	9.749	4.317	3.853	3.667
87.5	16.387	5.153	3.435	3.017	2.925
88.0	12.255	3.250	2.646	2.275	2.135
88.5	8.449	2.414	1.857	1.578	1.486
89.0	5.153	1.578	1.114	0.928	0.882
89.5	2.321	0.836	0.557	0.464	0.371
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-L8-827-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-L8-827-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-L8-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	523.71	N.A.	16.70
0-30	1066.14	N.A.	34.10
0-40	1661.28	N.A.	53.10
0-60	2659.85	N.A.	85.00
0-80	3104.52	N.A.	99.20
0-90	3131.00	N.A.	100.00
10-90	2991.57	N.A.	95.50
20-40	1137.56	N.A.	36.30
20-50	1691.38	N.A.	54.00
40-70	1297.53	N.A.	41.40
60-80	444.67	N.A.	14.20
70-80	145.71	N.A.	4.70
80-90	26.48	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	3131.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	139.43
10-20	384.28
20-30	542.43
30-40	595.14
40-50	553.81
50-60	444.76
60-70	298.96
70-80	145.71
80-90	26.48
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-L8-827-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	82	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-L8-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

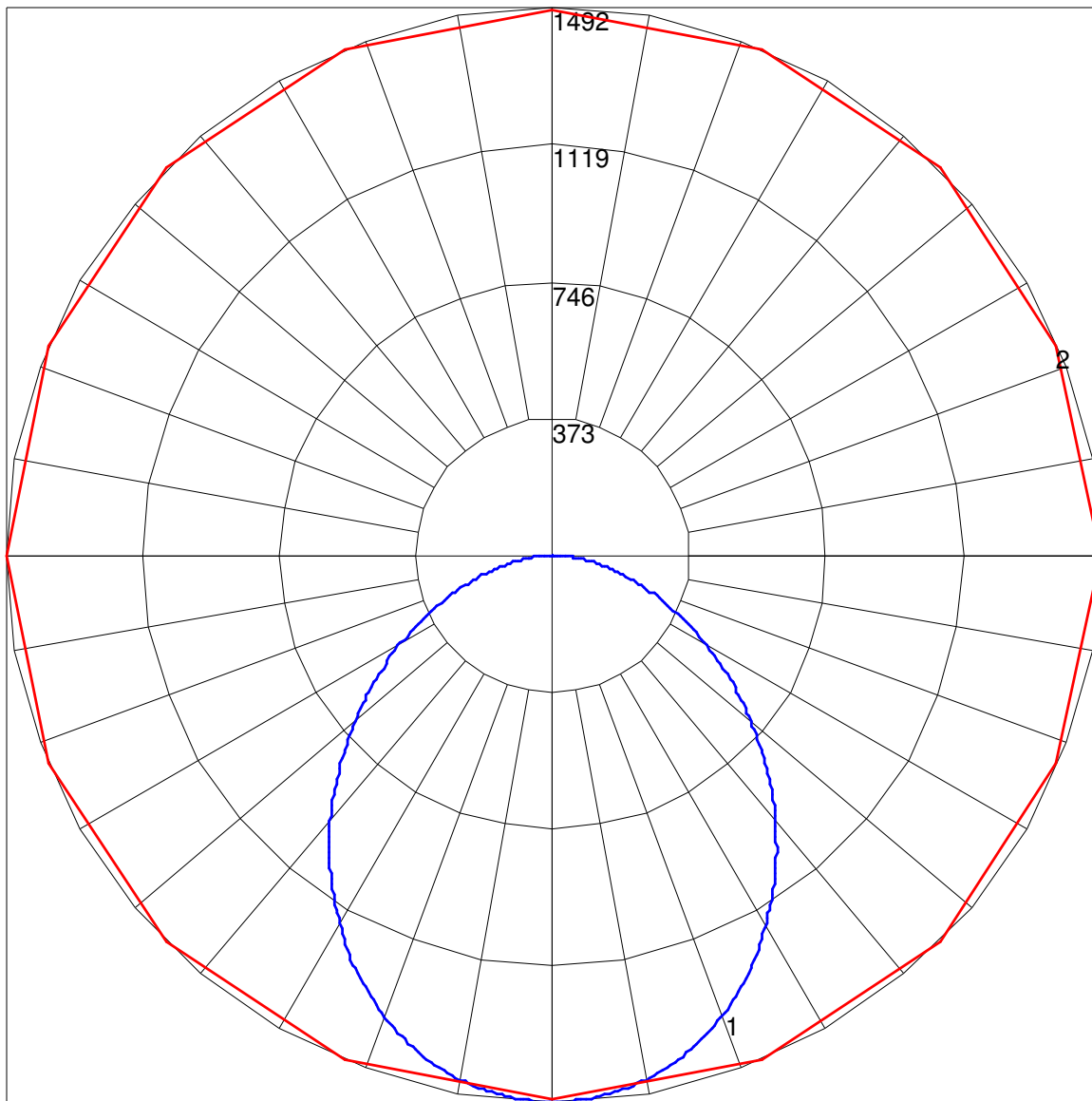
Reflectances

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	20.6	22.1	21.0	22.5	22.8	18.5	20.0	18.9	20.3	20.6
	3H	22.2	23.6	22.6	23.9	24.3	19.7	21.1	20.1	21.5	21.8
	4H	22.8	24.1	23.2	24.4	24.8	20.1	21.4	20.5	21.8	22.1
	6H	23.1	24.3	23.5	24.7	25.1	20.3	21.5	20.7	21.9	22.3
	8H	23.2	24.4	23.7	24.8	25.2	20.3	21.5	20.8	21.8	22.2
	12H	23.3	24.4	23.7	24.8	25.2	20.3	21.4	20.7	21.8	22.2
4H	2H	20.9	22.2	21.3	22.6	22.9	19.2	20.5	19.6	20.8	21.2
	3H	22.8	23.8	23.2	24.2	24.6	20.6	21.7	21.0	22.1	22.5
	4H	23.4	24.4	23.9	24.8	25.3	21.1	22.0	21.5	22.5	22.9
	6H	23.9	24.8	24.4	25.2	25.7	21.3	22.2	21.8	22.6	23.1
	8H	24.1	24.8	24.5	25.3	25.8	21.3	22.1	21.8	22.6	23.0
	12H	24.1	24.9	24.6	25.3	25.8	21.3	22.0	21.8	22.5	23.0
8H	4H	23.5	24.3	24.0	24.7	25.2	21.4	22.2	21.8	22.6	23.1
	6H	24.1	24.7	24.6	25.2	25.7	21.7	22.3	22.2	22.8	23.3
	8H	24.3	24.9	24.8	25.4	25.9	21.7	22.3	22.2	22.8	23.3
	12H	24.4	24.9	24.9	25.4	26.0	21.7	22.2	22.2	22.7	23.3
12H	4H	23.5	24.2	24.0	24.7	25.2	21.4	22.1	21.9	22.6	23.1
	6H	24.1	24.7	24.6	25.1	25.7	21.7	22.3	22.3	22.8	23.3
	8H	24.3	24.8	24.8	25.3	25.9	21.8	22.3	22.3	22.8	23.4

Maximum UGR = 26.0

POLAR GRAPH



Maximum Candela = 1491.537 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.)