

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-2-L16-830-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-2-L16-830-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 2' 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	3180
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	33.2
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)	2.00 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	27163	23516	20514
55	24005	20133	16658
65	20591	16203	13078
75	16520	11552	8974
85	10876	3443	1865

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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	1512.388	1512.388	1512.388	1512.388	1512.388
0.5	1514.745	1510.031	1513.802	1512.859	1508.616
1.0	1513.802	1509.559	1513.802	1512.388	1508.145
1.5	1513.331	1508.616	1512.388	1510.974	1506.731
2.0	1512.859	1508.145	1511.916	1510.031	1505.316
2.5	1511.916	1507.202	1510.502	1508.145	1503.902
3.0	1510.974	1506.259	1509.088	1506.259	1501.545
3.5	1509.559	1504.845	1506.731	1503.430	1499.187
4.0	1508.145	1502.959	1504.845	1501.073	1495.887
4.5	1506.731	1501.073	1502.016	1497.773	1492.116
5.0	1505.788	1499.187	1499.659	1494.002	1488.816
5.5	1502.959	1496.830	1496.359	1490.702	1485.044
6.0	1501.073	1494.473	1493.059	1486.459	1480.801
6.5	1498.716	1491.644	1489.759	1481.744	1476.087
7.0	1495.887	1488.344	1485.987	1477.501	1470.430
7.5	1493.059	1485.516	1481.744	1471.844	1464.772
8.0	1490.230	1482.216	1477.501	1466.658	1458.643
8.5	1486.930	1478.444	1472.787	1461.001	1453.458
9.0	1483.158	1474.672	1468.072	1454.872	1447.329
9.5	1479.858	1471.372	1462.886	1448.743	1440.257
10.0	1476.087	1467.129	1457.701	1442.143	1433.186
10.5	1472.787	1462.886	1452.043	1435.071	1425.642
11.0	1468.544	1458.172	1445.914	1428.000	1417.156
11.5	1464.772	1453.929	1439.786	1420.457	1410.085
12.0	1461.944	1449.686	1433.186	1412.914	1402.070
12.5	1455.815	1444.972	1426.585	1404.428	1394.056
13.0	1450.157	1439.314	1419.985	1396.413	1385.098
13.5	1445.443	1432.714	1412.914	1388.398	1376.141
14.0	1439.786	1426.585	1405.370	1379.441	1367.184
14.5	1434.128	1419.985	1397.827	1370.484	1357.755
15.0	1428.471	1413.856	1390.756	1361.526	1347.854
15.5	1422.814	1407.728	1383.213	1351.626	1337.954
16.0	1416.685	1401.127	1375.670	1342.197	1328.525
16.5	1411.028	1394.056	1367.184	1332.768	1318.154
17.0	1403.956	1386.984	1357.755	1322.397	1307.310
17.5	1397.356	1379.913	1348.797	1312.496	1296.939
18.0	1391.227	1372.369	1339.840	1302.124	1285.624
18.5	1383.684	1364.826	1330.411	1291.281	1274.781
19.0	1376.612	1357.283	1320.982	1281.381	1263.938
19.5	1370.012	1349.269	1311.553	1270.066	1251.680
20.0	1361.998	1341.254	1302.124	1258.752	1240.366
20.5	1354.926	1333.711	1292.696	1247.909	1229.051
21.0	1347.383	1325.225	1282.324	1237.065	1217.265
21.5	1339.368	1316.739	1271.952	1225.751	1205.479
22.0	1331.354	1308.253	1262.052	1213.965	1193.693
22.5	1323.339	1299.296	1252.152	1202.179	1181.907
23.0	1314.853	1290.810	1241.308	1190.393	1169.649
23.5	1306.839	1281.852	1230.465	1179.078	1157.392
24.0	1297.410	1272.424	1219.622	1166.820	1145.606
24.5	1288.924	1262.995	1208.307	1155.034	1133.348
25.0	1279.967	1253.566	1197.936	1142.777	1121.091
25.5	1271.009	1244.137	1186.621	1130.519	1108.362
26.0	1262.052	1233.765	1175.306	1118.733	1096.104
26.5	1252.623	1224.336	1163.992	1106.476	1083.375

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CANDELA TABULATION - (Cont.)

27.0	1242.723	1213.965	1152.677	1094.218	1071.118
27.5	1232.822	1204.064	1140.891	1081.961	1058.389
28.0	1221.979	1193.693	1129.576	1069.703	1045.660
28.5	1211.136	1183.321	1118.262	1057.917	1032.931
29.0	1201.236	1172.949	1106.004	1045.188	1020.202
29.5	1191.335	1162.106	1094.218	1032.459	1007.001
30.0	1180.492	1151.263	1082.904	1020.202	995.215
30.5	1170.592	1140.891	1071.118	1007.473	982.486
31.0	1159.749	1130.048	1059.332	994.744	970.229
31.5	1149.849	1118.733	1047.074	982.486	957.971
32.0	1139.005	1107.419	1035.288	969.757	945.242
32.5	1128.162	1096.104	1023.030	956.557	932.513
33.0	1117.790	1084.789	1011.244	944.300	920.256
33.5	1106.947	1073.946	999.458	932.513	907.998
34.0	1095.633	1062.160	987.201	919.785	895.270
34.5	1084.789	1050.846	975.415	907.527	883.483
35.0	1073.475	1039.531	963.157	895.270	870.283
35.5	1063.103	1027.745	950.900	883.012	857.554
36.0	1051.788	1016.430	939.114	870.283	843.882
36.5	1040.474	1004.644	926.856	857.554	832.096
37.0	1029.631	992.858	914.599	844.354	819.839
37.5	1017.845	981.072	903.284	832.096	808.053
38.0	1005.587	969.757	891.027	820.310	795.795
38.5	994.272	957.500	878.769	808.524	784.009
39.0	983.429	945.714	865.569	796.267	772.223
39.5	971.172	933.928	852.840	784.481	760.437
40.0	959.857	922.142	840.582	773.166	748.651
40.5	948.071	910.356	828.796	760.908	736.865
41.0	935.342	898.570	817.010	749.594	725.079
41.5	923.556	886.312	804.753	737.808	713.764
42.0	911.299	874.055	793.438	726.493	701.978
42.5	899.041	861.326	781.180	714.707	690.663
43.0	887.255	848.125	770.337	703.392	678.877
43.5	874.526	836.339	758.551	692.078	667.091
44.0	861.326	824.553	746.765	680.763	655.305
44.5	847.654	812.296	735.450	669.449	643.519
45.0	835.868	800.510	723.664	658.134	631.262
45.5	824.082	788.723	712.350	646.819	619.476
46.0	811.824	776.937	700.564	635.033	608.161
46.5	799.567	765.151	689.249	623.719	596.375
47.0	787.309	753.365	678.406	611.933	585.060
47.5	775.523	741.579	667.091	600.618	573.746
48.0	763.266	729.793	655.777	588.832	562.431
48.5	751.480	718.479	644.462	577.517	551.116
49.0	739.693	706.692	633.619	566.203	539.802
49.5	727.436	694.906	622.304	554.888	528.959
50.0	716.121	683.592	611.461	544.045	518.587
50.5	704.335	671.806	600.618	532.730	507.744
51.0	692.549	660.491	589.775	521.887	496.901
51.5	680.763	649.176	578.932	511.044	486.529
52.0	668.977	637.862	568.088	500.201	476.157
52.5	657.662	626.547	557.245	489.829	465.691
53.0	645.876	615.704	546.402	478.986	455.178
53.5	634.090	604.389	535.559	468.567	445.655
54.0	622.304	593.075	524.716	458.148	435.330
54.5	610.990	581.760	513.401	447.918	425.430

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55.0	599.204	570.917	502.558	437.499	415.812
55.5	587.889	560.074	491.715	427.457	406.195
56.0	576.103	549.231	480.400	417.368	396.483
56.5	564.788	537.916	469.745	407.562	386.724
57.0	553.002	527.544	459.044	397.662	377.390
57.5	542.159	516.701	448.342	387.997	367.961
58.0	530.844	505.858	437.687	378.380	358.862
58.5	519.058	495.015	427.268	368.857	349.622
59.0	508.215	484.172	416.755	359.475	340.476
59.5	496.901	473.800	406.336	350.093	331.613
60.0	486.057	463.145	396.106	340.994	322.938
60.5	474.743	452.773	386.064	331.754	314.122
61.0	463.805	442.355	376.023	322.608	305.542
61.5	452.868	431.983	365.981	313.651	297.197
62.0	441.977	421.611	355.986	305.071	288.759
62.5	431.323	411.475	346.086	296.349	280.367
63.0	420.668	401.386	336.327	287.674	272.258
63.5	410.249	391.392	326.568	279.141	264.338
64.0	399.500	381.350	316.998	270.749	256.182
64.5	389.034	371.450	307.475	262.405	248.309
65.0	378.710	361.502	297.999	254.202	240.530
65.5	368.338	351.649	288.617	245.999	232.751
66.0	358.155	342.032	279.330	238.031	225.067
66.5	348.066	332.320	270.231	229.970	217.571
67.0	337.836	322.608	261.038	222.097	210.122
67.5	327.794	313.038	252.128	214.318	202.626
68.0	317.941	303.279	243.076	206.586	195.319
68.5	308.041	293.473	234.401	199.043	188.058
69.0	298.235	283.478	225.727	191.453	180.893
69.5	288.476	273.767	217.146	184.051	173.915
70.0	278.670	264.008	208.660	176.744	166.749
70.5	268.958	254.249	200.269	169.484	159.960
71.0	259.293	244.632	191.971	162.271	153.077
71.5	249.912	235.156	183.815	155.246	146.194
72.0	240.671	225.774	175.801	148.174	139.453
72.5	231.195	216.628	167.881	141.291	132.805
73.0	222.002	207.435	160.102	134.455	126.347
73.5	212.762	198.289	152.465	127.667	119.794
74.0	203.852	189.473	144.921	121.161	113.523
74.5	194.894	180.657	137.520	114.513	107.253
75.0	186.078	171.888	130.118	108.055	101.077
75.5	177.310	163.402	122.952	101.690	95.137
76.0	168.871	154.916	115.928	95.561	89.197
76.5	160.479	146.713	108.950	89.527	83.492
77.0	152.182	138.416	102.162	83.540	78.024
77.5	144.073	130.354	95.467	77.788	72.555
78.0	136.011	122.434	88.867	72.178	67.228
78.5	128.185	114.655	82.314	66.709	62.042
79.0	120.454	106.970	75.997	61.335	56.950
79.5	113.005	99.380	69.868	56.149	51.906
80.0	105.650	91.978	63.928	51.104	47.050
80.5	98.437	84.718	58.176	46.060	42.194
81.0	91.318	77.552	52.707	41.157	37.480
81.5	84.388	70.622	47.333	36.301	32.671
82.0	77.647	63.928	42.241	31.634	27.909
82.5	71.094	57.422	37.244	26.825	22.865

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CANDELA TABULATION - (Cont.)

83.0	64.729	51.104	32.341	21.922	17.443
83.5	58.553	44.976	27.627	16.500	11.645
84.0	52.566	39.177	23.006	10.985	9.005
84.5	46.814	33.614	18.339	8.392	7.967
85.0	41.251	28.334	13.059	7.355	7.072
85.5	35.924	23.384	7.920	6.459	6.223
86.0	30.785	18.669	6.223	5.563	5.374
86.5	25.788	14.238	5.280	4.714	4.526
87.0	21.121	9.900	4.384	3.913	3.724
87.5	16.642	5.233	3.489	3.064	2.970
88.0	12.446	3.300	2.687	2.310	2.169
88.5	8.580	2.452	1.886	1.603	1.509
89.0	5.233	1.603	1.131	0.943	0.896
89.5	2.357	0.849	0.566	0.471	0.377
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-2-L16-830-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 : LRX2X-2-L16-830-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 : LRX2X-2-L16-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	531.86	N.A.	16.70
0-30	1082.73	N.A.	34.10
0-40	1687.13	N.A.	53.10
0-60	2701.23	N.A.	85.00
0-80	3152.82	N.A.	99.20
0-90	3179.71	N.A.	100.00
10-90	3038.12	N.A.	95.50
20-40	1155.27	N.A.	36.30
20-50	1717.7	N.A.	54.00
40-70	1317.72	N.A.	41.40
60-80	451.59	N.A.	14.20
70-80	147.98	N.A.	4.70
80-90	26.89	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	3179.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	141.60
10-20	390.26
20-30	550.87
30-40	604.40
40-50	562.43
50-60	451.68
60-70	303.61
70-80	147.98
80-90	26.89
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-2-L16-830-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	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-2-L16-830-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	23.0	24.6	23.4	24.9	25.2	20.9	22.4	21.3	22.7	23.1
	3H	24.6	26.0	25.0	26.3	26.7	22.2	23.5	22.5	23.9	24.2
	4H	25.2	26.5	25.6	26.8	27.2	22.5	23.8	22.9	24.2	24.5
	6H	25.5	26.7	26.0	27.1	27.5	22.7	23.9	23.1	24.3	24.7
	8H	25.7	26.8	26.1	27.2	27.6	22.7	23.9	23.2	24.3	24.7
	12H	25.7	26.8	26.1	27.2	27.6	22.7	23.8	23.1	24.2	24.6

UGR Viewed Endwise

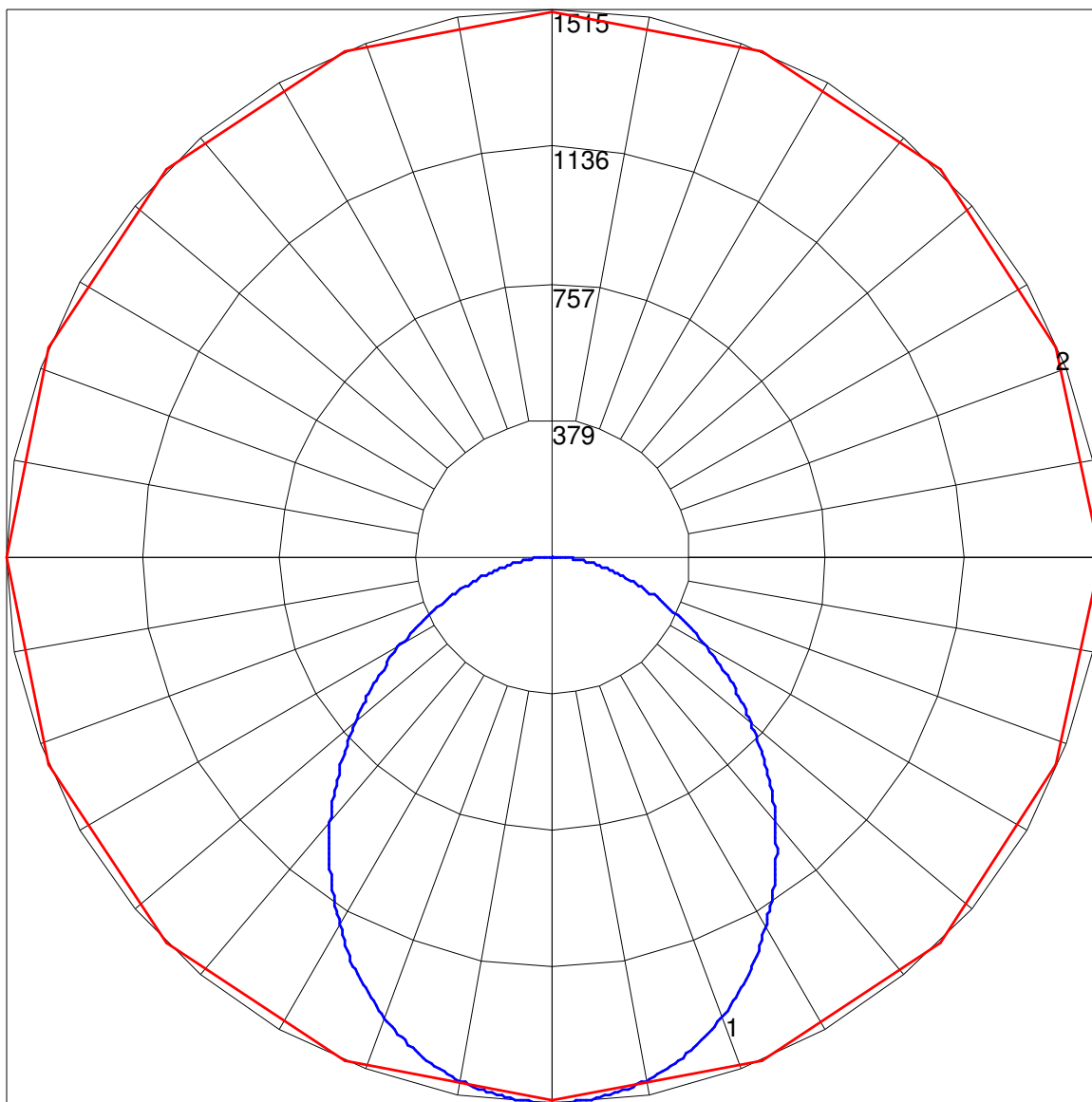
4H	2H	23.3	24.6	23.7	25.0	25.4	21.6	22.9	22.0	23.2	23.6
	3H	25.2	26.2	25.6	26.6	27.0	23.0	24.1	23.5	24.5	24.9
	4H	25.8	26.8	26.3	27.2	27.7	23.5	24.5	23.9	24.9	25.3
	6H	26.3	27.2	26.8	27.6	28.1	23.7	24.6	24.2	25.0	25.5
	8H	26.5	27.3	26.9	27.7	28.2	23.8	24.5	24.2	25.0	25.5
	12H	26.6	27.3	27.0	27.7	28.2	23.7	24.4	24.2	24.9	25.4

8H	4H	25.9	26.7	26.4	27.2	27.6	23.8	24.6	24.2	25.0	25.5
	6H	26.5	27.1	27.0	27.6	28.1	24.1	24.7	24.6	25.2	25.7
	8H	26.7	27.3	27.2	27.8	28.3	24.1	24.7	24.7	25.2	25.7
	12H	26.8	27.3	27.3	27.8	28.4	24.1	24.6	24.6	25.1	25.7

12H	4H	25.9	26.6	26.4	27.1	27.6	23.8	24.5	24.3	25.0	25.5
	6H	26.5	27.1	27.0	27.5	28.1	24.1	24.7	24.7	25.2	25.7
	8H	26.7	27.2	27.2	27.7	28.3	24.2	24.7	24.7	25.2	25.8

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 1514.745 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.)