

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L4-830-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-8-L4-830-DMA-DIM-UNV_
[LUMINAIRE] Nominal 2" x 8' 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	3350
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	32
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)	8.00 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	7154	6194	5403
55	6323	5303	4388
65	5423	4268	3445
75	4351	3043	2364
85	2865	907	491

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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	1593.375	1593.375	1593.375	1593.375	1593.375
0.5	1595.858	1590.891	1594.865	1593.871	1589.401
1.0	1594.865	1590.395	1594.865	1593.375	1588.905
1.5	1594.368	1589.401	1593.375	1591.885	1587.414
2.0	1593.871	1588.905	1592.878	1590.891	1585.924
2.5	1592.878	1587.911	1591.388	1588.905	1584.434
3.0	1591.885	1586.918	1589.898	1586.918	1581.951
3.5	1590.395	1585.428	1587.414	1583.938	1579.467
4.0	1588.905	1583.441	1585.428	1581.454	1575.991
4.5	1587.414	1581.454	1582.448	1577.977	1572.017
5.0	1586.421	1579.467	1579.964	1574.004	1568.540
5.5	1583.441	1576.984	1576.487	1570.527	1564.567
6.0	1581.454	1574.501	1573.011	1566.057	1560.097
6.5	1578.971	1571.520	1569.534	1561.090	1555.130
7.0	1575.991	1568.044	1565.560	1556.620	1549.170
7.5	1573.011	1565.064	1561.090	1550.660	1543.209
8.0	1570.030	1561.587	1556.620	1545.196	1536.752
8.5	1566.554	1557.613	1551.653	1539.236	1531.289
9.0	1562.580	1553.640	1546.686	1532.779	1524.832
9.5	1559.103	1550.163	1541.223	1526.322	1517.382
10.0	1555.130	1545.693	1535.759	1519.368	1509.931
10.5	1551.653	1541.223	1529.799	1511.918	1501.984
11.0	1547.183	1536.256	1523.342	1504.468	1493.044
11.5	1543.209	1531.785	1516.885	1496.521	1485.593
12.0	1540.229	1527.315	1509.931	1488.574	1477.150
12.5	1533.772	1522.348	1502.978	1479.633	1468.706
13.0	1527.812	1516.388	1496.024	1471.190	1459.269
13.5	1522.845	1509.434	1488.574	1462.746	1449.832
14.0	1516.885	1502.978	1480.627	1453.309	1440.395
14.5	1510.925	1496.024	1472.680	1443.872	1430.461
15.0	1504.964	1489.567	1465.229	1434.435	1420.031
15.5	1499.004	1483.110	1457.282	1424.004	1409.600
16.0	1492.547	1476.156	1449.335	1414.070	1399.666
16.5	1486.587	1468.706	1440.395	1404.137	1388.739
17.0	1479.137	1461.256	1430.461	1393.210	1377.316
17.5	1472.183	1453.805	1421.024	1382.779	1366.388
18.0	1465.726	1445.858	1411.587	1371.852	1354.468
18.5	1457.779	1437.911	1401.653	1360.428	1343.044
19.0	1450.329	1429.964	1391.719	1349.998	1331.620
19.5	1443.375	1421.521	1381.786	1338.077	1318.706
20.0	1434.931	1413.077	1371.852	1326.157	1306.786
20.5	1427.481	1405.130	1361.918	1314.733	1294.865
21.0	1419.534	1396.190	1350.991	1303.309	1282.448
21.5	1411.090	1387.249	1340.064	1291.389	1270.031
22.0	1402.647	1378.309	1329.633	1278.971	1257.614
22.5	1394.203	1368.872	1319.203	1266.554	1245.197
23.0	1385.263	1359.931	1307.779	1254.137	1232.283
23.5	1376.819	1350.494	1296.355	1242.216	1219.369
24.0	1366.885	1340.561	1284.932	1229.303	1206.952
24.5	1357.945	1330.627	1273.011	1216.885	1194.038
25.0	1348.508	1320.693	1262.084	1203.971	1181.124
25.5	1339.071	1310.759	1250.163	1191.058	1167.713
26.0	1329.633	1299.832	1238.243	1178.640	1154.799
26.5	1319.700	1289.898	1226.322	1165.726	1141.389

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CANDELA TABULATION - (Cont.)

27.0	1309.269	1278.971	1214.402	1152.813	1128.475
27.5	1298.839	1268.541	1201.985	1139.899	1115.064
28.0	1287.415	1257.614	1190.064	1126.985	1101.654
28.5	1275.991	1246.687	1178.144	1114.568	1088.243
29.0	1265.561	1235.759	1165.230	1101.157	1074.833
29.5	1255.130	1224.336	1152.813	1087.746	1060.925
30.0	1243.706	1212.912	1140.892	1074.833	1048.508
30.5	1233.276	1201.985	1128.475	1061.422	1035.098
31.0	1221.852	1190.561	1116.058	1048.011	1022.184
31.5	1211.422	1178.640	1103.144	1035.098	1009.270
32.0	1199.998	1166.720	1090.727	1021.687	995.859
32.5	1188.574	1154.799	1077.813	1007.780	982.449
33.0	1177.647	1142.879	1065.396	994.866	969.535
33.5	1166.223	1131.455	1052.978	982.449	956.621
34.0	1154.303	1119.038	1040.064	969.038	943.210
34.5	1142.879	1107.117	1027.647	956.124	930.793
35.0	1130.958	1095.197	1014.733	943.210	916.886
35.5	1120.031	1082.780	1001.819	930.296	903.475
36.0	1108.111	1070.859	989.402	916.886	889.071
36.5	1096.190	1058.442	976.488	903.475	876.654
37.0	1084.766	1046.025	963.575	889.568	863.740
37.5	1072.349	1033.607	951.654	876.654	851.323
38.0	1059.435	1021.687	938.740	864.237	838.409
38.5	1047.515	1008.773	925.826	851.820	825.992
39.0	1036.091	996.356	911.919	838.906	813.575
39.5	1023.177	983.939	898.508	826.489	801.158
40.0	1011.257	971.522	885.595	814.568	788.740
40.5	998.839	959.104	873.177	801.654	776.323
41.0	985.429	946.687	860.760	789.734	763.906
41.5	973.012	933.773	847.846	777.317	751.985
42.0	960.098	920.859	835.926	765.396	739.568
42.5	947.184	907.449	823.012	752.979	727.648
43.0	934.767	893.542	811.588	741.058	715.231
43.5	921.356	881.124	799.171	729.138	702.813
44.0	907.449	868.707	786.754	717.217	690.396
44.5	893.045	855.793	774.833	705.297	677.979
45.0	880.628	843.376	762.416	693.376	665.065
45.5	868.210	830.959	750.495	681.456	652.648
46.0	855.297	818.542	738.078	669.039	640.727
46.5	842.383	806.124	726.158	657.118	628.310
47.0	829.469	793.707	714.734	644.701	616.390
47.5	817.052	781.290	702.813	632.780	604.469
48.0	804.138	768.873	690.893	620.363	592.549
48.5	791.720	756.952	678.972	608.443	580.628
49.0	779.303	744.535	667.549	596.522	568.708
49.5	766.389	732.118	655.628	584.602	557.284
50.0	754.469	720.197	644.204	573.178	546.357
50.5	742.052	707.780	632.780	561.257	534.933
51.0	729.635	695.860	621.357	549.833	523.509
51.5	717.217	683.939	609.933	538.410	512.582
52.0	704.800	672.019	598.509	526.986	501.655
52.5	692.880	660.098	587.085	516.059	490.628
53.0	680.462	648.674	575.661	504.635	479.552
53.5	668.045	636.754	564.237	493.658	469.519
54.0	655.628	624.833	552.814	482.681	458.642
54.5	643.708	612.913	540.893	471.903	448.211

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CANDELA TABULATION - (Cont.)

55.0	631.290	601.489	529.469	460.926	438.079
55.5	619.370	590.065	518.045	450.347	427.946
56.0	606.953	578.641	506.125	439.718	417.715
56.5	595.032	566.721	494.900	429.387	407.433
57.0	582.615	555.794	483.625	418.956	397.599
57.5	571.191	544.370	472.350	408.774	387.665
58.0	559.271	532.946	461.125	398.642	378.079
58.5	546.853	521.522	450.148	388.609	368.344
59.0	535.430	510.098	439.072	378.725	358.708
59.5	523.509	499.171	428.095	368.840	349.370
60.0	512.085	487.946	417.317	359.254	340.231
60.5	500.165	477.019	406.738	349.519	330.943
61.0	488.642	466.042	396.158	339.884	321.903
61.5	477.118	455.115	385.579	330.446	313.112
62.0	465.645	444.188	375.049	321.407	304.221
62.5	454.420	433.509	364.619	312.218	295.380
63.0	443.195	422.880	354.337	303.079	286.837
63.5	432.218	412.350	344.056	294.089	278.493
64.0	420.893	401.771	333.973	285.248	269.900
64.5	409.867	391.340	323.940	276.456	261.606
65.0	398.989	380.860	313.956	267.814	253.410
65.5	388.062	370.479	304.072	259.172	245.215
66.0	377.334	360.347	294.288	250.778	237.119
66.5	366.705	350.115	284.701	242.284	229.221
67.0	355.927	339.884	275.016	233.990	221.374
67.5	345.347	329.801	265.629	225.794	213.476
68.0	334.966	319.519	256.092	217.649	205.778
68.5	324.536	309.188	246.953	209.702	198.129
69.0	314.205	298.658	237.814	201.705	190.579
69.5	303.923	288.427	228.774	193.907	183.228
70.0	293.592	278.145	219.834	186.208	175.679
70.5	283.360	267.864	210.993	178.559	168.526
71.0	273.178	257.731	202.251	170.960	161.275
71.5	263.294	247.748	193.659	163.559	154.023
72.0	253.559	237.864	185.215	156.109	146.920
72.5	243.576	228.228	176.871	148.857	139.917
73.0	233.890	218.543	168.675	141.655	133.112
73.5	224.155	208.907	160.629	134.503	126.208
74.0	214.768	199.619	152.682	127.649	119.602
74.5	205.331	190.331	144.884	120.645	112.996
75.0	196.043	181.092	137.086	113.841	106.490
75.5	186.804	172.152	129.536	107.136	100.232
76.0	177.914	163.212	122.136	100.679	93.973
76.5	169.073	154.569	114.785	94.321	87.963
77.0	160.331	145.828	107.632	88.013	82.202
77.5	151.788	137.334	100.579	81.954	76.440
78.0	143.294	128.990	93.626	76.043	70.828
78.5	135.049	120.794	86.722	70.281	65.364
79.0	126.904	112.698	80.066	64.619	60.000
79.5	119.056	104.702	73.609	59.156	54.685
80.0	111.308	96.904	67.351	53.841	49.569
80.5	103.708	89.255	61.291	48.526	44.454
81.0	96.208	81.705	55.530	43.361	39.487
81.5	88.907	74.404	49.867	38.245	34.420
82.0	81.804	67.351	44.503	33.328	29.404
82.5	74.901	60.497	39.238	28.262	24.089

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CANDELA TABULATION - (Cont.)

83.0	68.195	53.841	34.073	23.096	18.377
83.5	61.689	47.384	29.106	17.384	12.268
84.0	55.381	41.275	24.238	11.573	9.487
84.5	49.321	35.414	19.321	8.841	8.394
85.0	43.460	29.851	13.758	7.748	7.450
85.5	37.848	24.636	8.344	6.805	6.556
86.0	32.434	19.669	6.556	5.861	5.662
86.5	27.169	15.000	5.563	4.967	4.768
87.0	22.252	10.430	4.619	4.123	3.924
87.5	17.533	5.513	3.675	3.228	3.129
88.0	13.113	3.477	2.831	2.434	2.285
88.5	9.040	2.583	1.987	1.689	1.589
89.0	5.513	1.689	1.192	0.993	0.944
89.5	2.483	0.894	0.596	0.497	0.397
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-8-L4-830-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-8-L4-830-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-8-L4-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	560.34	N.A.	16.70
0-30	1140.71	N.A.	34.10
0-40	1777.47	N.A.	53.10
0-60	2845.88	N.A.	85.00
0-80	3321.65	N.A.	99.20
0-90	3349.98	N.A.	100.00
10-90	3200.81	N.A.	95.50
20-40	1217.13	N.A.	36.30
20-50	1809.68	N.A.	54.00
40-70	1388.28	N.A.	41.40
60-80	475.77	N.A.	14.20
70-80	155.90	N.A.	4.70
80-90	28.33	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	3349.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	149.18
10-20	411.16
20-30	580.37
30-40	636.76
40-50	592.55
50-60	475.86
60-70	319.87
70-80	155.90
80-90	28.33
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-8-L4-830-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-8-L4-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

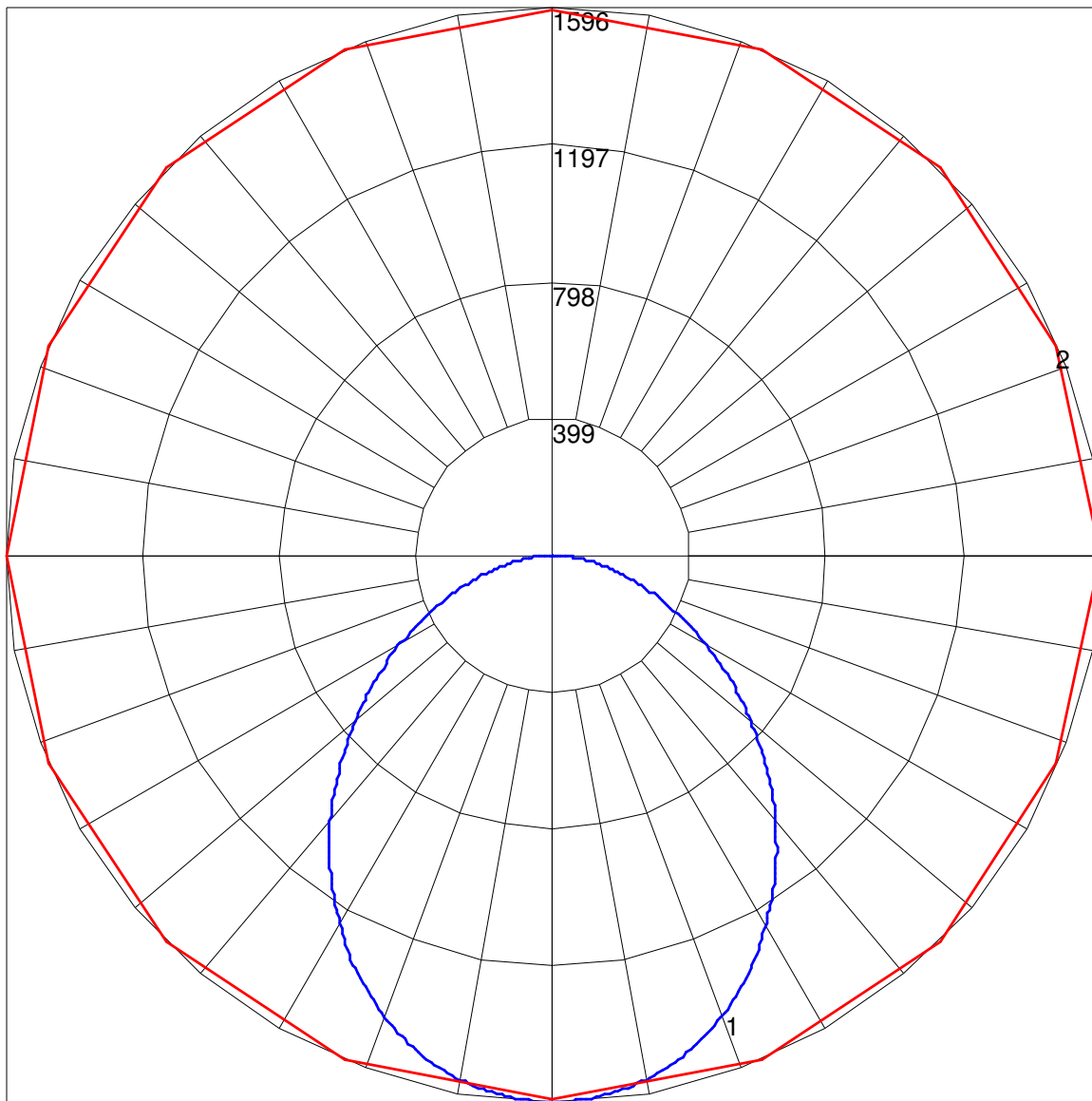
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	18.4	19.9	18.8	20.3	20.6	16.3	17.8	16.6	18.1	18.4
	3H	20.0	21.4	20.4	21.7	22.1	17.5	18.9	17.9	19.3	19.6
	4H	20.6	21.9	21.0	22.2	22.6	17.9	19.2	18.3	19.6	19.9
	6H	20.9	22.1	21.3	22.5	22.9	18.1	19.3	18.5	19.7	20.1
	8H	21.0	22.2	21.5	22.6	23.0	18.1	19.3	18.5	19.6	20.0
	12H	21.1	22.2	21.5	22.6	23.0	18.1	19.2	18.5	19.6	20.0
4H	2H	18.7	20.0	19.1	20.4	20.7	17.0	18.3	17.4	18.6	19.0
	3H	20.5	21.6	21.0	22.0	22.4	18.4	19.5	18.8	19.9	20.3
	4H	21.2	22.2	21.7	22.6	23.0	18.9	19.8	19.3	20.3	20.7
	6H	21.7	22.6	22.2	23.0	23.5	19.1	20.0	19.6	20.4	20.9
	8H	21.8	22.6	22.3	23.1	23.5	19.1	19.9	19.6	20.4	20.8
	12H	21.9	22.6	22.4	23.1	23.6	19.1	19.8	19.6	20.3	20.8
8H	4H	21.3	22.1	21.8	22.5	23.0	19.2	20.0	19.6	20.4	20.9
	6H	21.9	22.5	22.4	23.0	23.5	19.5	20.1	20.0	20.6	21.1
	8H	22.1	22.6	22.6	23.2	23.6	19.5	20.1	20.0	20.6	21.1
	12H	22.2	22.7	22.7	23.2	23.8	19.5	20.0	20.0	20.5	21.1
12H	4H	21.3	22.0	21.8	22.5	22.9	19.2	19.9	19.7	20.4	20.8
	6H	21.9	22.5	22.4	22.9	23.5	19.5	20.1	20.1	20.6	21.1
	8H	22.1	22.6	22.6	23.1	23.6	19.6	20.1	20.1	20.6	21.1

Maximum UGR = 23.8

POLAR GRAPH



Maximum Candela = 1595.858 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.)