

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L4-827-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-L4-827-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	3282
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
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	7010	6069	5294
55	6195	5196	4299
65	5314	4181	3375
75	4263	2981	2316
85	2807	888	481

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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	1561.185	1561.185	1561.185	1561.185	1561.185
0.5	1563.619	1558.752	1562.645	1561.672	1557.292
1.0	1562.645	1558.265	1562.645	1561.185	1556.806
1.5	1562.159	1557.292	1561.185	1559.725	1555.346
2.0	1561.672	1556.806	1560.699	1558.752	1553.886
2.5	1560.699	1555.832	1559.239	1556.806	1552.426
3.0	1559.725	1554.859	1557.779	1554.859	1549.992
3.5	1558.265	1553.399	1555.346	1551.939	1547.559
4.0	1556.806	1551.452	1553.399	1549.506	1544.153
4.5	1555.346	1549.506	1550.479	1546.099	1540.259
5.0	1554.372	1547.559	1548.046	1542.206	1536.853
5.5	1551.452	1545.126	1544.639	1538.799	1532.959
6.0	1549.506	1542.693	1541.233	1534.419	1528.580
6.5	1547.072	1539.773	1537.826	1529.553	1523.713
7.0	1544.153	1536.366	1533.933	1525.173	1517.873
7.5	1541.233	1533.446	1529.553	1519.333	1512.033
8.0	1538.313	1530.040	1525.173	1513.980	1505.707
8.5	1534.906	1526.146	1520.306	1508.140	1500.354
9.0	1531.013	1522.253	1515.440	1501.814	1494.027
9.5	1527.606	1518.847	1510.087	1495.487	1486.727
10.0	1523.713	1514.467	1504.734	1488.674	1479.428
10.5	1520.306	1510.087	1498.894	1481.374	1471.641
11.0	1515.927	1505.220	1492.567	1474.074	1462.881
11.5	1512.033	1500.840	1486.241	1466.288	1455.582
12.0	1509.113	1496.460	1479.428	1458.501	1447.308
12.5	1502.787	1491.594	1472.614	1449.742	1439.035
13.0	1496.947	1485.754	1465.801	1441.469	1429.789
13.5	1492.081	1478.941	1458.501	1433.195	1420.542
14.0	1486.241	1472.614	1450.715	1423.949	1411.296
14.5	1480.401	1465.801	1442.929	1414.703	1401.563
15.0	1474.561	1459.475	1435.629	1405.456	1391.343
15.5	1468.721	1453.148	1427.842	1395.236	1381.123
16.0	1462.395	1446.335	1420.056	1385.503	1371.390
16.5	1456.555	1439.035	1411.296	1375.770	1360.684
17.0	1449.255	1431.735	1401.563	1365.064	1349.491
17.5	1442.442	1424.436	1392.317	1354.844	1338.785
18.0	1436.115	1416.649	1383.070	1344.138	1327.105
18.5	1428.329	1408.863	1373.337	1332.945	1315.912
19.0	1421.029	1401.076	1363.604	1322.725	1304.719
19.5	1414.216	1392.803	1353.871	1311.045	1292.066
20.0	1405.943	1384.530	1344.138	1299.366	1280.386
20.5	1398.643	1376.744	1334.405	1288.173	1268.706
21.0	1390.857	1367.984	1323.698	1276.980	1256.540
21.5	1382.583	1359.224	1312.992	1265.300	1244.374
22.0	1374.310	1350.464	1302.772	1253.134	1232.207
22.5	1366.037	1341.218	1292.553	1240.967	1220.041
23.0	1357.277	1332.458	1281.359	1228.801	1207.388
23.5	1349.004	1323.212	1270.166	1217.121	1194.735
24.0	1339.271	1313.479	1258.973	1204.468	1182.569
24.5	1330.512	1303.746	1247.294	1192.302	1169.916
25.0	1321.265	1294.012	1236.587	1179.649	1157.263
25.5	1312.019	1284.279	1224.908	1166.996	1144.123
26.0	1302.772	1273.573	1213.228	1154.829	1131.470
26.5	1293.039	1263.840	1201.548	1142.176	1118.330

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CANDELA TABULATION - (Cont.)

27.0	1282.819	1253.134	1189.869	1129.523	1105.677
27.5	1272.600	1242.914	1177.702	1116.870	1092.538
28.0	1261.407	1232.207	1166.023	1104.217	1079.398
28.5	1250.214	1221.501	1154.343	1092.051	1066.258
29.0	1239.994	1210.795	1141.690	1078.911	1053.119
29.5	1229.774	1199.602	1129.523	1065.772	1039.493
30.0	1218.581	1188.409	1117.844	1053.119	1027.326
30.5	1208.361	1177.702	1105.677	1039.979	1014.187
31.0	1197.168	1166.509	1093.511	1026.840	1001.534
31.5	1186.949	1154.829	1080.858	1014.187	988.881
32.0	1175.756	1143.150	1068.692	1001.047	975.741
32.5	1164.563	1131.470	1056.039	987.421	962.601
33.0	1153.856	1119.790	1043.872	974.768	949.948
33.5	1142.663	1108.597	1031.706	962.601	937.295
34.0	1130.983	1096.431	1019.053	949.462	924.156
34.5	1119.790	1084.751	1006.887	936.809	911.989
35.0	1108.111	1073.072	994.234	924.156	898.363
35.5	1097.404	1060.905	981.581	911.503	885.223
36.0	1085.725	1049.226	969.414	898.363	871.110
36.5	1074.045	1037.059	956.761	885.223	858.944
37.0	1062.852	1024.893	944.108	871.597	846.291
37.5	1050.686	1012.727	932.429	858.944	834.125
38.0	1038.033	1001.047	919.776	846.778	821.472
38.5	1026.353	988.394	907.123	834.611	809.305
39.0	1015.160	976.228	893.496	821.958	797.139
39.5	1002.507	964.061	880.357	809.792	784.973
40.0	990.827	951.895	867.704	798.112	772.806
40.5	978.661	939.728	855.537	785.459	760.640
41.0	965.521	927.562	843.371	773.780	748.474
41.5	953.355	914.909	830.718	761.613	736.794
42.0	940.702	902.256	819.038	749.934	724.628
42.5	928.049	889.117	806.385	737.767	712.948
43.0	915.882	875.490	795.192	726.087	700.781
43.5	902.743	863.324	783.026	714.408	688.615
44.0	889.117	851.158	770.860	702.728	676.449
44.5	875.004	838.505	759.180	691.048	664.282
45.0	862.837	826.338	747.014	679.369	651.629
45.5	850.671	814.172	735.334	667.689	639.463
46.0	838.018	802.005	723.168	655.523	627.783
46.5	825.365	789.839	711.488	643.843	615.617
47.0	812.712	777.673	700.295	631.677	603.937
47.5	800.546	765.506	688.615	619.997	592.258
48.0	787.893	753.340	676.935	607.831	580.578
48.5	775.726	741.660	665.256	596.151	568.898
49.0	763.560	729.494	654.063	584.471	557.219
49.5	750.907	717.328	642.383	572.792	546.026
50.0	739.227	705.648	631.190	561.598	535.319
50.5	727.061	693.482	619.997	549.919	524.126
51.0	714.894	681.802	608.804	538.726	512.933
51.5	702.728	670.122	597.611	527.533	502.227
52.0	690.562	658.443	586.418	516.340	491.520
52.5	678.882	646.763	575.225	505.633	480.717
53.0	666.716	635.570	564.032	494.440	469.864
53.5	654.549	623.890	552.839	483.685	460.034
54.0	642.383	612.210	541.646	472.930	449.376
54.5	630.703	600.531	529.966	462.370	439.156

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CANDELA TABULATION - (Cont.)

55.0	618.537	589.338	518.773	451.615	429.229
55.5	606.857	578.145	507.580	441.249	419.301
56.0	594.691	566.952	495.900	430.835	409.276
56.5	583.011	555.272	484.902	420.712	399.202
57.0	570.845	544.566	473.855	410.492	389.566
57.5	559.652	533.373	462.808	400.516	379.833
58.0	547.972	522.180	451.809	390.588	370.441
58.5	535.806	510.986	441.054	380.758	360.902
59.0	524.613	499.793	430.202	371.074	351.461
59.5	512.933	489.087	419.447	361.389	342.312
60.0	501.740	478.089	408.887	351.997	333.358
60.5	490.060	467.382	398.521	342.458	324.257
61.0	478.770	456.627	388.155	333.017	315.400
61.5	467.480	445.921	377.789	323.771	306.787
62.0	456.238	435.214	367.472	314.914	298.075
62.5	445.240	424.751	357.253	305.911	289.413
63.0	434.241	414.337	347.179	296.956	281.043
63.5	423.486	404.020	337.105	288.148	272.867
64.0	412.390	393.654	327.226	279.485	264.448
64.5	401.587	383.435	317.396	270.872	256.321
65.0	390.929	373.166	307.614	262.404	248.291
65.5	380.223	362.995	297.929	253.936	240.261
66.0	369.711	353.067	288.342	245.712	232.329
66.5	359.297	343.042	278.950	237.390	224.591
67.0	348.736	333.017	269.460	229.263	216.902
67.5	338.370	323.138	260.262	221.233	209.164
68.0	328.199	313.064	250.919	213.252	201.621
68.5	317.980	302.942	241.964	205.465	194.126
69.0	307.857	292.625	233.010	197.630	186.729
69.5	297.783	282.600	224.153	189.990	179.527
70.0	287.661	272.526	215.393	182.447	172.129
70.5	277.636	262.452	206.731	174.952	165.122
71.0	267.660	252.525	198.165	167.506	158.016
71.5	257.975	242.743	189.746	160.255	150.911
72.0	248.437	233.059	181.473	152.955	143.952
72.5	238.655	223.617	173.297	145.850	137.090
73.0	229.165	214.128	165.268	138.794	130.423
73.5	219.627	204.687	157.384	131.786	123.659
74.0	210.429	195.586	149.597	125.070	117.186
74.5	201.183	186.486	141.957	118.208	110.714
75.0	192.082	177.434	134.316	111.541	104.339
75.5	183.030	168.674	126.919	104.971	98.207
76.0	174.319	159.914	119.668	98.645	92.075
76.5	165.657	151.447	112.466	92.416	86.186
77.0	157.092	142.882	105.458	86.235	80.541
77.5	148.721	134.560	98.547	80.298	74.896
78.0	140.400	126.384	91.734	74.507	69.397
78.5	132.321	118.354	84.970	68.862	64.044
79.0	124.340	110.422	78.449	63.314	58.788
79.5	116.651	102.587	72.122	57.960	53.581
80.0	109.059	94.946	65.990	52.753	48.568
80.5	101.613	87.452	60.053	47.546	43.556
81.0	94.265	80.055	54.408	42.485	38.689
81.5	87.111	72.901	48.860	37.472	33.725
82.0	80.152	65.990	43.604	32.654	28.810
82.5	73.387	59.274	38.446	27.691	23.603

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CANDELA TABULATION - (Cont.)

83.0	66.818	52.753	33.384	22.629	18.006
83.5	60.442	46.427	28.518	17.033	12.020
84.0	54.262	40.441	23.749	11.339	9.295
84.5	48.325	34.698	18.931	8.662	8.224
85.0	42.582	29.248	13.480	7.592	7.300
85.5	37.083	24.138	8.176	6.667	6.424
86.0	31.778	19.271	6.424	5.743	5.548
86.5	26.620	14.697	5.451	4.867	4.672
87.0	21.802	10.220	4.526	4.039	3.845
87.5	17.179	5.402	3.601	3.163	3.066
88.0	12.848	3.407	2.774	2.385	2.239
88.5	8.857	2.531	1.947	1.655	1.557
89.0	5.402	1.655	1.168	0.973	0.925
89.5	2.433	0.876	0.584	0.487	0.389
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-L4-827-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-8-L4-827-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-8-L4-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	549.02	N.A.	16.70
0-30	1117.67	N.A.	34.10
0-40	1741.56	N.A.	53.10
0-60	2788.39	N.A.	85.00
0-80	3254.55	N.A.	99.20
0-90	3282.31	N.A.	100.00
10-90	3136.14	N.A.	95.50
20-40	1192.54	N.A.	36.30
20-50	1773.12	N.A.	54.00
40-70	1360.23	N.A.	41.40
60-80	466.16	N.A.	14.20
70-80	152.75	N.A.	4.70
80-90	27.76	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	3282.31	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	146.16
10-20	402.86
20-30	568.64
30-40	623.90
40-50	580.58
50-60	466.25
60-70	313.41
70-80	152.75
80-90	27.76
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-L4-827-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	99	107	104	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-L4-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

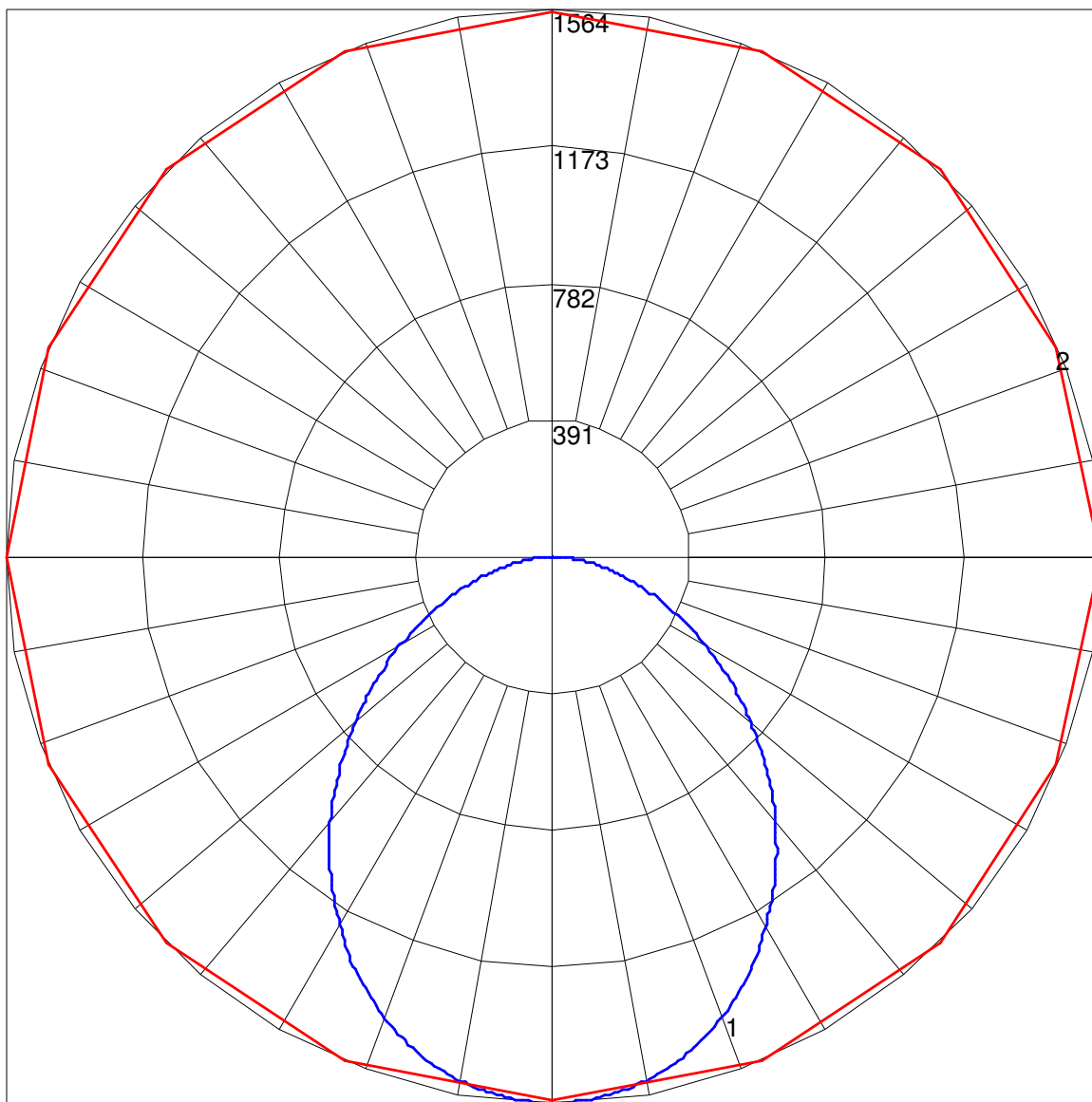
Reflectances

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	18.3	19.8	18.7	20.2	20.5	16.2	17.7	16.5	18.0	18.3
	3H	19.9	21.3	20.3	21.6	22.0	17.4	18.8	17.8	19.1	19.5
	4H	20.5	21.7	20.9	22.1	22.5	17.8	19.1	18.2	19.5	19.8
	6H	20.8	22.0	21.2	22.4	22.8	18.0	19.2	18.4	19.6	19.9
	8H	20.9	22.1	21.4	22.5	22.9	18.0	19.1	18.4	19.5	19.9
	12H	21.0	22.1	21.4	22.5	22.9	18.0	19.1	18.4	19.5	19.9
4H	2H	18.6	19.9	19.0	20.3	20.6	16.9	18.2	17.3	18.5	18.9
	3H	20.4	21.5	20.9	21.9	22.3	18.3	19.4	18.7	19.8	20.2
	4H	21.1	22.1	21.6	22.5	22.9	18.8	19.7	19.2	20.2	20.6
	6H	21.6	22.5	22.1	22.9	23.4	19.0	19.9	19.5	20.3	20.8
	8H	21.7	22.5	22.2	23.0	23.4	19.0	19.8	19.5	20.3	20.7
	12H	21.8	22.5	22.3	23.0	23.5	19.0	19.7	19.5	20.2	20.7
8H	4H	21.2	22.0	21.7	22.4	22.9	19.1	19.8	19.5	20.3	20.8
	6H	21.8	22.4	22.3	22.9	23.4	19.4	20.0	19.9	20.5	21.0
	8H	22.0	22.5	22.5	23.1	23.5	19.4	20.0	19.9	20.5	21.0
	12H	22.1	22.6	22.6	23.1	23.7	19.4	19.9	19.9	20.4	21.0
12H	4H	21.2	21.9	21.7	22.4	22.8	19.1	19.8	19.6	20.3	20.7
	6H	21.8	22.4	22.3	22.8	23.4	19.4	20.0	19.9	20.5	21.0
	8H	22.0	22.5	22.5	23.0	23.5	19.5	20.0	20.0	20.5	21.0

Maximum UGR = 23.7

POLAR GRAPH



Maximum Candela = 1563.619 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.)