

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L8-840-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-L8-840-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	3325
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
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	14200	12294	10724
55	12550	10525	8709
65	10765	8471	6837
75	8637	6039	4691
85	5686	1800	975

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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	1581.332	1581.332	1581.332	1581.332	1581.332
0.5	1583.797	1578.868	1582.811	1581.825	1577.389
1.0	1582.811	1578.375	1582.811	1581.332	1576.896
1.5	1582.318	1577.389	1581.332	1579.853	1575.417
2.0	1581.825	1576.896	1580.839	1578.868	1573.938
2.5	1580.839	1575.910	1579.360	1576.896	1572.459
3.0	1579.853	1574.924	1577.882	1574.924	1569.995
3.5	1578.375	1573.445	1575.417	1571.966	1567.530
4.0	1576.896	1571.474	1573.445	1569.502	1564.080
4.5	1575.417	1569.502	1570.488	1566.051	1560.136
5.0	1574.431	1567.530	1568.023	1562.108	1556.686
5.5	1571.474	1565.065	1564.572	1558.657	1552.742
6.0	1569.502	1562.601	1561.122	1554.221	1548.306
6.5	1567.037	1559.643	1557.671	1549.292	1543.376
7.0	1564.080	1556.193	1553.728	1544.855	1537.461
7.5	1561.122	1553.235	1549.292	1538.940	1531.546
8.0	1558.164	1549.784	1544.855	1533.518	1525.138
8.5	1554.714	1545.841	1539.926	1527.602	1519.715
9.0	1550.770	1541.898	1534.996	1521.194	1513.307
9.5	1547.320	1538.447	1529.574	1514.786	1505.913
10.0	1543.376	1534.011	1524.152	1507.885	1498.519
10.5	1539.926	1529.574	1518.237	1500.491	1490.632
11.0	1535.489	1524.645	1511.829	1493.097	1481.760
11.5	1531.546	1520.208	1505.420	1485.210	1474.366
12.0	1528.588	1515.772	1498.519	1477.323	1465.986
12.5	1522.180	1510.843	1491.618	1468.450	1457.606
13.0	1516.265	1504.927	1484.717	1460.070	1448.240
13.5	1511.336	1498.026	1477.323	1451.691	1438.874
14.0	1505.420	1491.618	1469.436	1442.325	1429.509
14.5	1499.505	1484.717	1461.549	1432.959	1419.650
15.0	1493.590	1478.309	1454.155	1423.593	1409.298
15.5	1487.675	1471.901	1446.268	1413.242	1398.947
16.0	1481.267	1465.000	1438.381	1403.383	1389.088
16.5	1475.351	1457.606	1429.509	1393.524	1378.243
17.0	1467.957	1450.212	1419.650	1382.680	1366.906
17.5	1461.056	1442.818	1410.284	1372.328	1356.061
18.0	1454.648	1434.931	1400.918	1361.484	1344.231
18.5	1446.761	1427.044	1391.060	1350.146	1332.894
19.0	1439.367	1419.157	1381.201	1339.795	1321.556
19.5	1432.466	1410.777	1371.342	1327.964	1308.740
20.0	1424.086	1402.397	1361.484	1316.134	1296.909
20.5	1416.692	1394.510	1351.625	1304.796	1285.079
21.0	1408.805	1385.637	1340.780	1293.459	1272.756
21.5	1400.425	1376.765	1329.936	1281.628	1260.432
22.0	1392.046	1367.892	1319.584	1269.305	1248.109
22.5	1383.666	1358.526	1309.233	1256.982	1235.786
23.0	1374.793	1349.653	1297.895	1244.658	1222.969
23.5	1366.413	1340.288	1286.558	1232.828	1210.153
24.0	1356.554	1330.429	1275.220	1220.012	1197.830
24.5	1347.682	1320.570	1263.390	1207.688	1185.013
25.0	1338.316	1310.711	1252.545	1194.872	1172.197
25.5	1328.950	1300.853	1240.715	1182.056	1158.888
26.0	1319.584	1290.008	1228.884	1169.732	1146.072
26.5	1309.726	1280.150	1217.054	1156.916	1132.762

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CANDELA TABULATION - (Cont.)

27.0	1299.374	1269.305	1205.224	1144.100	1119.946
27.5	1289.022	1258.953	1192.900	1131.284	1106.637
28.0	1277.685	1248.109	1181.070	1118.467	1093.328
28.5	1266.347	1237.264	1169.239	1106.144	1080.018
29.0	1255.996	1226.420	1156.423	1092.835	1066.709
29.5	1245.644	1215.082	1144.100	1079.525	1052.907
30.0	1234.307	1203.745	1132.269	1066.709	1040.584
30.5	1223.955	1192.900	1119.946	1053.400	1027.274
31.0	1212.618	1181.563	1107.623	1040.091	1014.458
31.5	1202.266	1169.732	1094.806	1027.274	1001.642
32.0	1190.929	1157.902	1082.483	1013.965	988.333
32.5	1179.591	1146.072	1069.667	1000.163	975.023
33.0	1168.746	1134.241	1057.343	987.347	962.207
33.5	1157.409	1122.904	1045.020	975.023	949.391
34.0	1145.579	1110.580	1032.204	961.714	936.082
34.5	1134.241	1098.750	1019.880	948.898	923.758
35.0	1122.411	1086.919	1007.064	936.082	909.956
35.5	1111.566	1074.596	994.248	923.265	896.647
36.0	1099.736	1062.766	981.925	909.956	882.352
36.5	1087.905	1050.442	969.108	896.647	870.028
37.0	1076.568	1038.119	956.292	882.845	857.212
37.5	1064.244	1025.796	944.462	870.028	844.889
38.0	1051.428	1013.965	931.645	857.705	832.073
38.5	1039.598	1001.149	918.829	845.382	819.749
39.0	1028.260	988.826	905.027	832.566	807.426
39.5	1015.444	976.502	891.718	820.242	795.103
40.0	1003.614	964.179	878.901	808.412	782.779
40.5	991.290	951.856	866.578	795.595	770.456
41.0	977.981	939.532	854.255	783.765	758.132
41.5	965.658	926.716	841.438	771.442	746.302
42.0	952.841	913.900	829.608	759.611	733.979
42.5	940.025	900.590	816.792	747.288	722.148
43.0	927.702	886.788	805.454	735.458	709.825
43.5	914.393	874.465	793.131	723.627	697.502
44.0	900.590	862.142	780.807	711.797	685.178
44.5	886.295	849.325	768.977	699.966	672.855
45.0	873.972	837.002	756.654	688.136	660.039
45.5	861.649	824.679	744.823	676.305	647.715
46.0	848.832	812.355	732.500	663.982	635.885
46.5	836.016	800.032	720.669	652.152	623.561
47.0	823.200	787.709	709.332	639.828	611.731
47.5	810.876	775.385	697.502	627.998	599.901
48.0	798.060	763.062	685.671	615.675	588.070
48.5	785.737	751.231	673.841	603.844	576.240
49.0	773.413	738.908	662.503	592.014	564.409
49.5	760.597	726.585	650.673	580.183	553.072
50.0	748.767	714.754	639.335	568.846	542.227
50.5	736.443	702.431	627.998	557.015	530.890
51.0	724.120	690.601	616.660	545.678	519.552
51.5	711.797	678.770	605.323	534.340	508.708
52.0	699.473	666.940	593.985	523.003	497.863
52.5	687.643	655.109	582.648	512.158	486.920
53.0	675.320	643.772	571.310	500.821	475.928
53.5	662.996	631.941	559.973	489.927	465.970
54.0	650.673	620.111	548.636	479.033	455.175
54.5	638.842	608.281	536.805	468.337	444.824

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CANDELA TABULATION - (Cont.)

55.0	626.519	596.943	525.468	457.443	434.768
55.5	614.689	585.606	514.130	446.943	424.712
56.0	602.365	574.268	502.300	436.394	414.557
56.5	590.535	562.438	491.159	426.141	404.354
57.0	578.212	551.593	479.970	415.790	394.594
57.5	566.874	540.256	468.780	405.685	384.735
58.0	555.044	528.918	457.640	395.629	375.221
58.5	542.720	517.581	446.746	385.672	365.560
59.0	531.383	506.243	435.754	375.862	355.997
59.5	519.552	495.399	424.860	366.053	346.730
60.0	508.215	484.258	414.163	356.539	337.660
60.5	496.385	473.414	403.664	346.878	328.442
61.0	484.948	462.520	393.164	337.315	319.471
61.5	473.512	451.675	382.665	327.949	310.746
62.0	462.126	440.831	372.214	318.978	301.922
62.5	450.985	430.233	361.863	309.858	293.148
63.0	439.845	419.684	351.659	300.788	284.669
63.5	428.951	409.234	341.455	291.866	276.388
64.0	417.712	398.734	331.449	283.092	267.860
64.5	406.769	388.383	321.492	274.367	259.628
65.0	395.974	377.982	311.584	265.790	251.495
65.5	385.129	367.679	301.774	257.213	243.362
66.0	374.482	357.624	292.063	248.882	235.327
66.5	363.933	347.469	282.550	240.453	227.489
67.0	353.236	337.315	272.938	232.221	219.701
67.5	342.737	327.308	263.621	224.088	211.863
68.0	332.435	317.104	254.157	216.004	204.223
68.5	322.083	306.851	245.087	208.117	196.631
69.0	311.830	296.401	236.017	200.180	189.139
69.5	301.626	286.247	227.045	192.441	181.843
70.0	291.373	276.043	218.173	184.801	174.351
70.5	281.219	265.839	209.398	177.210	167.253
71.0	271.114	255.783	200.723	169.668	160.056
71.5	261.304	245.875	192.195	162.323	152.859
72.0	251.643	236.066	183.815	154.929	145.810
72.5	241.735	226.503	175.534	147.732	138.860
73.0	232.123	216.891	167.400	140.585	132.106
73.5	222.461	207.328	159.415	133.487	125.255
74.0	213.145	198.110	151.528	126.684	118.699
74.5	203.779	188.892	143.789	119.734	112.142
75.0	194.561	179.724	136.050	112.980	105.685
75.5	185.392	170.851	128.557	106.326	99.474
76.0	176.569	161.978	121.212	99.918	93.263
76.5	167.795	153.401	113.917	93.608	87.299
77.0	159.119	144.725	106.819	87.348	81.581
77.5	150.641	136.296	99.819	81.334	75.863
78.0	142.211	128.015	92.918	75.468	70.292
78.5	134.029	119.882	86.066	69.750	64.870
79.0	125.945	111.847	79.461	64.131	59.546
79.5	118.156	103.910	73.053	58.708	54.272
80.0	110.467	96.171	66.842	53.434	49.195
80.5	102.925	88.580	60.828	48.160	44.118
81.0	95.481	81.088	55.110	43.033	39.188
81.5	88.235	73.842	49.491	37.956	34.160
82.0	81.186	66.842	44.167	33.076	29.182
82.5	74.334	60.039	38.942	28.048	23.907

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CANDELA TABULATION - (Cont.)

83.0	67.680	53.434	33.815	22.921	18.239
83.5	61.222	47.026	28.886	17.253	12.175
84.0	54.962	40.963	24.055	11.485	9.415
84.5	48.948	35.146	19.175	8.774	8.331
85.0	43.132	29.625	13.654	7.690	7.394
85.5	37.562	24.450	8.281	6.753	6.507
86.0	32.189	19.520	6.507	5.817	5.619
86.5	26.963	14.887	5.521	4.929	4.732
87.0	22.083	10.352	4.584	4.091	3.894
87.5	17.401	5.472	3.648	3.204	3.105
88.0	13.013	3.451	2.810	2.415	2.267
88.5	8.971	2.563	1.972	1.676	1.577
89.0	5.472	1.676	1.183	0.986	0.937
89.5	2.465	0.887	0.592	0.493	0.394
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-L8-840-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-L8-840-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-L8-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	556.11	N.A.	16.70
0-30	1132.09	N.A.	34.10
0-40	1764.04	N.A.	53.10
0-60	2824.37	N.A.	85.00
0-80	3296.55	N.A.	99.20
0-90	3324.67	N.A.	100.00
10-90	3176.61	N.A.	95.50
20-40	1207.93	N.A.	36.30
20-50	1796.00	N.A.	54.00
40-70	1377.79	N.A.	41.40
60-80	472.18	N.A.	14.20
70-80	154.73	N.A.	4.70
80-90	28.12	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	3324.67	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	148.05
10-20	408.06
20-30	575.98
30-40	631.95
40-50	588.07
50-60	472.27
60-70	317.45
70-80	154.73
80-90	28.12
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-L8-840-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-L8-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

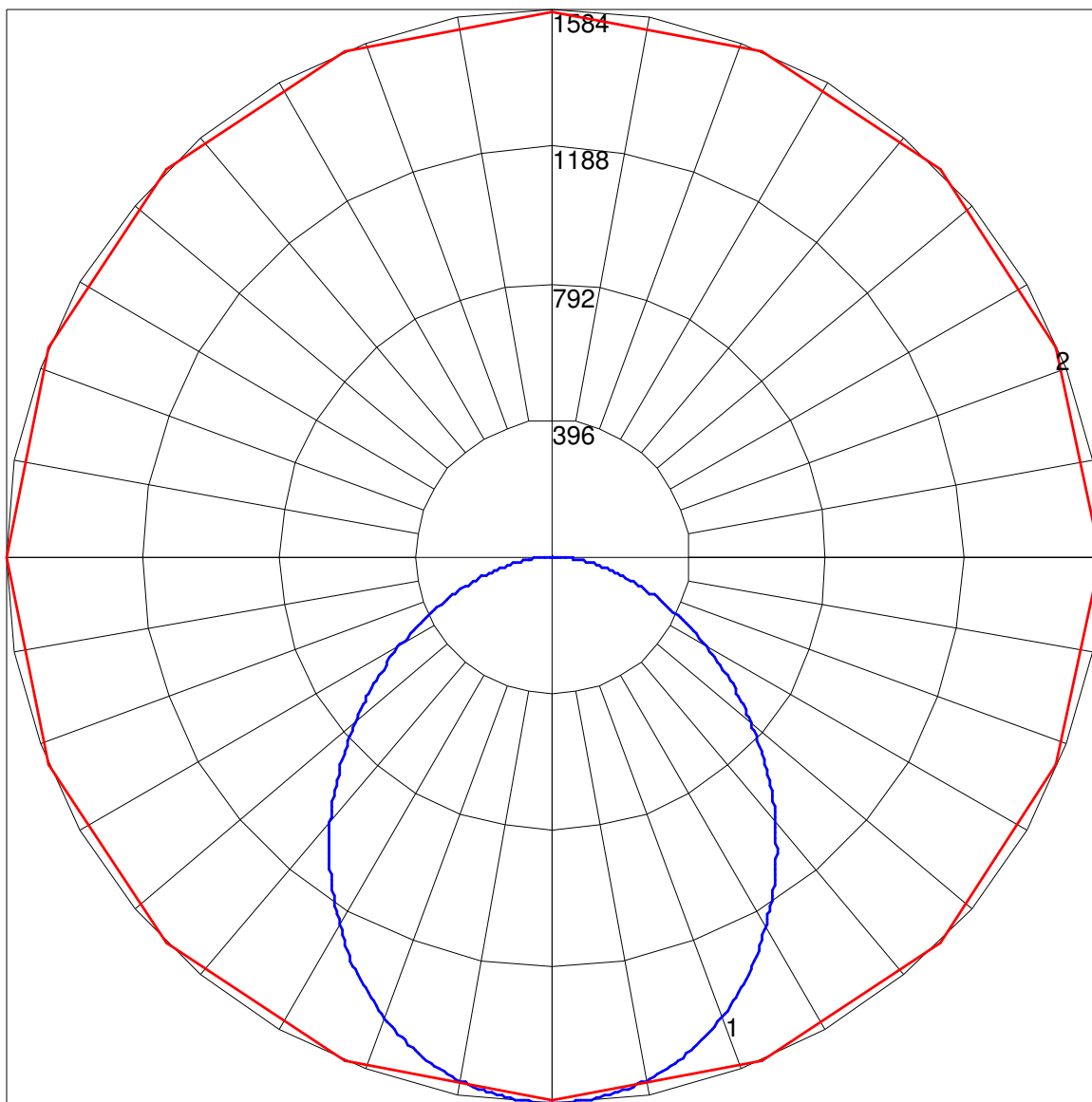
Reflectances

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	20.8	22.3	21.2	22.7	23.0	18.7	20.2	19.1	20.5	20.8
	3H	22.4	23.8	22.8	24.1	24.5	19.9	21.3	20.3	21.7	22.0
	4H	23.0	24.3	23.4	24.6	25.0	20.3	21.6	20.7	22.0	22.3
	6H	23.3	24.5	23.7	24.9	25.3	20.5	21.7	20.9	22.1	22.5
	8H	23.4	24.6	23.9	25.0	25.4	20.5	21.7	21.0	22.0	22.4
	12H	23.5	24.6	23.9	25.0	25.4	20.5	21.6	20.9	22.0	22.4
4H	2H	21.1	22.4	21.5	22.8	23.1	19.4	20.7	19.8	21.0	21.4
	3H	23.0	24.0	23.4	24.4	24.8	20.8	21.9	21.2	22.3	22.7
	4H	23.6	24.6	24.1	25.0	25.5	21.3	22.2	21.7	22.7	23.1
	6H	24.1	25.0	24.6	25.4	25.9	21.5	22.4	22.0	22.8	23.3
	8H	24.3	25.0	24.7	25.5	26.0	21.5	22.3	22.0	22.8	23.2
	12H	24.3	25.1	24.8	25.5	26.0	21.5	22.2	22.0	22.7	23.2
8H	4H	23.7	24.5	24.2	24.9	25.4	21.6	22.4	22.0	22.8	23.3
	6H	24.3	24.9	24.8	25.4	25.9	21.9	22.5	22.4	23.0	23.5
	8H	24.5	25.1	25.0	25.6	26.1	21.9	22.5	22.4	23.0	23.5
	12H	24.6	25.1	25.1	25.6	26.2	21.9	22.4	22.4	22.9	23.5
12H	4H	23.7	24.4	24.2	24.9	25.4	21.6	22.3	22.1	22.8	23.3
	6H	24.3	24.9	24.8	25.3	25.9	21.9	22.5	22.5	23.0	23.5
	8H	24.5	25.0	25.0	25.5	26.1	22.0	22.5	22.5	23.0	23.6

Maximum UGR = 26.2

POLAR GRAPH



Maximum Candela = 1583.797 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.)