

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L4-850-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-8-L4-850-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	3587
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
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	7660	6632	5785
55	6770	5678	4698
65	5807	4569	3688
75	4659	3258	2531
85	3067	971	526

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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	1706.037	1706.037	1706.037	1706.037	1706.037
0.5	1708.696	1703.378	1707.633	1706.569	1701.783
1.0	1707.633	1702.847	1707.633	1706.037	1701.251
1.5	1707.101	1701.783	1706.037	1704.442	1699.656
2.0	1706.569	1701.251	1705.506	1703.378	1698.060
2.5	1705.506	1700.188	1703.910	1701.251	1696.465
3.0	1704.442	1699.124	1702.315	1699.124	1693.806
3.5	1702.847	1697.529	1699.656	1695.933	1691.147
4.0	1701.251	1695.401	1697.529	1693.274	1687.424
4.5	1699.656	1693.274	1694.338	1689.551	1683.170
5.0	1698.592	1691.147	1691.679	1685.297	1679.447
5.5	1695.401	1688.488	1687.956	1681.574	1675.193
6.0	1693.274	1685.829	1684.233	1676.788	1670.406
6.5	1690.615	1682.638	1680.511	1671.470	1665.088
7.0	1687.424	1678.915	1676.256	1666.684	1658.707
7.5	1684.233	1675.724	1671.470	1660.302	1652.325
8.0	1681.043	1672.002	1666.684	1654.452	1645.411
8.5	1677.320	1667.747	1661.366	1648.070	1639.562
9.0	1673.065	1663.493	1656.048	1641.157	1632.648
9.5	1669.343	1659.770	1650.198	1634.243	1624.671
10.0	1665.088	1654.984	1644.348	1626.798	1616.694
10.5	1661.366	1650.198	1637.966	1618.821	1608.185
11.0	1656.579	1644.880	1631.053	1610.844	1598.612
11.5	1652.325	1640.093	1624.139	1602.335	1590.635
12.0	1649.134	1635.307	1616.694	1593.826	1581.595
12.5	1642.221	1629.989	1609.249	1584.254	1572.554
13.0	1635.839	1623.607	1601.803	1575.213	1562.450
13.5	1630.521	1616.162	1593.826	1566.172	1552.345
14.0	1624.139	1609.249	1585.317	1556.068	1542.241
14.5	1617.757	1601.803	1576.808	1545.963	1531.605
15.0	1611.376	1594.890	1568.831	1535.859	1520.437
15.5	1604.994	1587.976	1560.322	1524.691	1509.269
16.0	1598.081	1580.531	1551.813	1514.055	1498.633
16.5	1591.699	1572.554	1542.241	1503.419	1486.933
17.0	1583.722	1564.577	1531.605	1491.719	1474.701
17.5	1576.276	1556.600	1521.500	1480.551	1463.002
18.0	1569.363	1548.091	1511.396	1468.851	1450.238
18.5	1560.854	1539.582	1500.760	1456.620	1438.007
19.0	1552.877	1531.073	1490.124	1445.452	1425.775
19.5	1545.432	1522.032	1479.488	1432.689	1411.948
20.0	1536.391	1512.991	1468.851	1419.925	1399.185
20.5	1528.414	1504.483	1458.215	1407.694	1386.421
21.0	1519.905	1494.910	1446.516	1395.462	1373.126
21.5	1510.864	1485.337	1434.816	1382.699	1359.831
22.0	1501.823	1475.765	1423.648	1369.403	1346.536
22.5	1492.783	1465.661	1412.480	1356.108	1333.241
23.0	1483.210	1456.088	1400.248	1342.813	1319.414
23.5	1474.170	1445.984	1388.017	1330.050	1305.587
24.0	1463.533	1435.348	1375.785	1316.223	1292.291
24.5	1453.961	1424.711	1363.022	1302.928	1278.464
25.0	1443.857	1414.075	1351.322	1289.101	1264.637
25.5	1433.752	1403.439	1338.559	1275.274	1250.279
26.0	1423.648	1391.739	1325.795	1261.978	1236.452
26.5	1413.012	1381.103	1313.032	1248.151	1222.093

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CANDELA TABULATION - (Cont.)

27.0	1401.844	1369.403	1300.269	1234.324	1208.266
27.5	1390.676	1358.236	1286.973	1220.497	1193.907
28.0	1378.444	1346.536	1274.210	1206.671	1179.548
28.5	1366.213	1334.836	1261.447	1193.375	1165.190
29.0	1355.045	1323.136	1247.620	1179.017	1150.831
29.5	1343.877	1310.905	1234.324	1164.658	1135.940
30.0	1331.645	1298.673	1221.561	1150.831	1122.645
30.5	1320.477	1286.973	1208.266	1136.472	1108.286
31.0	1308.246	1274.742	1194.971	1122.113	1094.459
31.5	1297.078	1261.978	1181.144	1108.286	1080.632
32.0	1284.846	1249.215	1167.849	1093.927	1066.273
32.5	1272.615	1236.452	1154.022	1079.037	1051.915
33.0	1260.915	1223.688	1140.726	1065.210	1038.088
33.5	1248.683	1211.457	1127.431	1051.915	1024.261
34.0	1235.920	1198.162	1113.604	1037.556	1009.902
34.5	1223.688	1185.398	1100.309	1023.729	996.607
35.0	1210.925	1172.635	1086.482	1009.902	981.716
35.5	1199.225	1159.340	1072.655	996.075	967.357
36.0	1186.462	1146.576	1059.360	981.716	951.935
36.5	1173.698	1133.281	1045.533	967.357	938.640
37.0	1161.467	1119.986	1031.706	952.467	924.813
37.5	1148.172	1106.691	1018.943	938.640	911.518
38.0	1134.345	1093.927	1005.116	925.345	897.691
38.5	1121.581	1080.100	991.289	912.049	884.395
39.0	1109.350	1066.805	976.398	898.222	871.100
39.5	1095.523	1053.510	962.039	884.927	857.805
40.0	1082.759	1040.215	948.212	872.164	844.510
40.5	1069.464	1026.920	934.917	858.337	831.215
41.0	1055.105	1013.624	921.622	845.573	817.919
41.5	1041.810	999.798	907.795	832.278	805.156
42.0	1027.983	985.971	895.031	819.515	791.861
42.5	1014.156	971.612	881.205	806.220	779.098
43.0	1000.861	956.721	868.973	793.456	765.802
43.5	986.502	943.426	855.678	780.693	752.507
44.0	971.612	930.131	842.383	767.930	739.212
44.5	956.189	916.304	829.619	755.166	725.917
45.0	942.894	903.009	816.324	742.403	712.090
45.5	929.599	889.713	803.561	729.639	698.795
46.0	915.772	876.418	790.265	716.344	686.031
46.5	901.945	863.123	777.502	703.581	672.736
47.0	888.118	849.828	765.271	690.286	659.973
47.5	874.823	836.533	752.507	677.522	647.209
48.0	860.996	823.238	739.744	664.227	634.446
48.5	847.701	810.474	726.980	651.464	621.683
49.0	834.405	797.179	714.749	638.700	608.919
49.5	820.578	783.884	701.985	625.937	596.688
50.0	807.815	771.120	689.754	613.705	584.988
50.5	794.520	757.825	677.522	600.942	572.756
51.0	781.225	745.062	665.291	588.711	560.525
51.5	767.930	732.298	653.059	576.479	548.825
52.0	754.634	719.535	640.828	564.247	537.125
52.5	741.871	706.772	628.596	552.548	525.319
53.0	728.576	694.540	616.365	540.316	513.460
53.5	715.281	681.777	604.133	528.563	502.717
54.0	701.985	669.013	591.901	516.810	491.071
54.5	689.222	656.250	579.138	505.270	479.903

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CANDELA TABULATION - (Cont.)

55.0	675.927	644.019	566.906	493.517	469.054
55.5	663.164	631.787	554.675	482.190	458.205
56.0	649.868	619.555	541.912	470.809	447.250
56.5	637.105	606.792	529.893	459.747	436.241
57.0	623.810	595.092	517.821	448.579	425.712
57.5	611.578	582.861	505.749	437.677	415.076
58.0	598.815	570.629	493.730	426.828	404.812
58.5	585.520	558.398	481.977	416.086	394.388
59.0	573.288	546.166	470.118	405.503	384.071
59.5	560.525	534.466	458.365	394.920	374.073
60.0	548.293	522.447	446.824	384.656	364.288
60.5	535.530	510.748	435.497	374.233	354.343
61.0	523.192	498.995	424.169	363.916	344.664
61.5	510.854	487.295	412.842	353.811	335.251
62.0	498.569	475.595	401.568	344.132	325.732
62.5	486.550	464.161	390.400	334.294	316.266
63.0	474.532	452.781	379.391	324.509	307.119
63.5	462.779	441.506	368.383	314.883	298.184
64.0	450.653	430.179	357.587	305.417	288.984
64.5	438.847	419.011	346.845	296.004	280.103
65.0	427.201	407.790	336.155	286.750	271.328
65.5	415.501	396.675	325.572	277.497	262.553
66.0	404.014	385.826	315.096	268.509	253.885
66.5	392.633	374.871	304.832	259.416	245.429
67.0	381.093	363.916	294.462	250.534	237.026
67.5	369.766	353.120	284.410	241.760	228.571
68.0	358.651	342.112	274.200	233.038	220.328
68.5	347.483	331.050	264.415	224.529	212.138
69.0	336.421	319.776	254.629	215.967	204.054
69.5	325.413	308.820	244.950	207.618	196.184
70.0	314.351	297.812	235.378	199.375	188.100
70.5	303.396	286.804	225.912	191.185	180.442
71.0	292.494	275.955	216.552	183.048	172.678
71.5	281.911	265.265	207.352	175.124	164.913
72.0	271.488	254.682	198.311	167.147	157.309
72.5	260.798	244.365	189.377	159.383	149.810
73.0	250.428	233.995	180.602	151.671	142.524
73.5	240.005	223.678	171.986	144.013	135.132
74.0	229.953	213.733	163.478	136.674	128.059
74.5	219.849	203.789	155.128	129.176	120.986
75.0	209.904	193.897	146.779	121.890	114.019
75.5	200.013	184.324	138.695	114.711	107.319
76.0	190.493	174.752	130.771	107.797	100.618
76.5	181.027	165.498	122.901	100.990	94.183
77.0	171.667	156.139	115.243	94.236	88.014
77.5	162.520	147.045	107.691	87.748	81.845
78.0	153.426	138.110	100.246	81.420	75.836
78.5	144.598	129.336	92.854	75.251	69.986
79.0	135.877	120.667	85.727	69.188	64.242
79.5	127.474	112.105	78.814	63.338	58.552
80.0	119.178	103.756	72.113	57.648	53.074
80.5	111.041	95.566	65.625	51.958	47.597
81.0	103.011	87.482	59.456	46.427	42.279
81.5	95.193	79.665	53.393	40.949	36.854
82.0	87.589	72.113	47.650	35.684	31.483
82.5	80.197	64.774	42.013	30.260	25.793

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CANDELA TABULATION - (Cont.)

83.0	73.017	57.648	36.482	24.729	19.677
83.5	66.050	50.734	31.164	18.613	13.136
84.0	59.297	44.193	25.952	12.391	10.158
84.5	52.808	37.918	20.687	9.466	8.988
85.0	46.533	31.962	14.731	8.296	7.977
85.5	40.524	26.378	8.934	7.286	7.020
86.0	34.727	21.060	7.020	6.275	6.063
86.5	29.090	16.061	5.956	5.318	5.105
87.0	23.825	11.168	4.946	4.414	4.201
87.5	18.773	5.903	3.935	3.457	3.350
88.0	14.040	3.723	3.031	2.606	2.446
88.5	9.679	2.765	2.127	1.808	1.702
89.0	5.903	1.808	1.276	1.064	1.010
89.5	2.659	0.957	0.638	0.532	0.425
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-L4-850-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-L4-850-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-L4-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	599.96	N.A.	16.70
0-30	1221.37	N.A.	34.10
0-40	1903.15	N.A.	53.10
0-60	3047.11	N.A.	85.00
0-80	3556.52	N.A.	99.20
0-90	3586.85	N.A.	100.00
10-90	3427.13	N.A.	95.50
20-40	1303.19	N.A.	36.30
20-50	1937.63	N.A.	54.00
40-70	1486.44	N.A.	41.40
60-80	509.41	N.A.	14.20
70-80	166.93	N.A.	4.70
80-90	30.33	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	3586.85	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	159.73
10-20	440.23
20-30	621.40
30-40	681.78
40-50	634.45
50-60	509.51
60-70	342.48
70-80	166.93
80-90	30.33
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-L4-850-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-L4-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

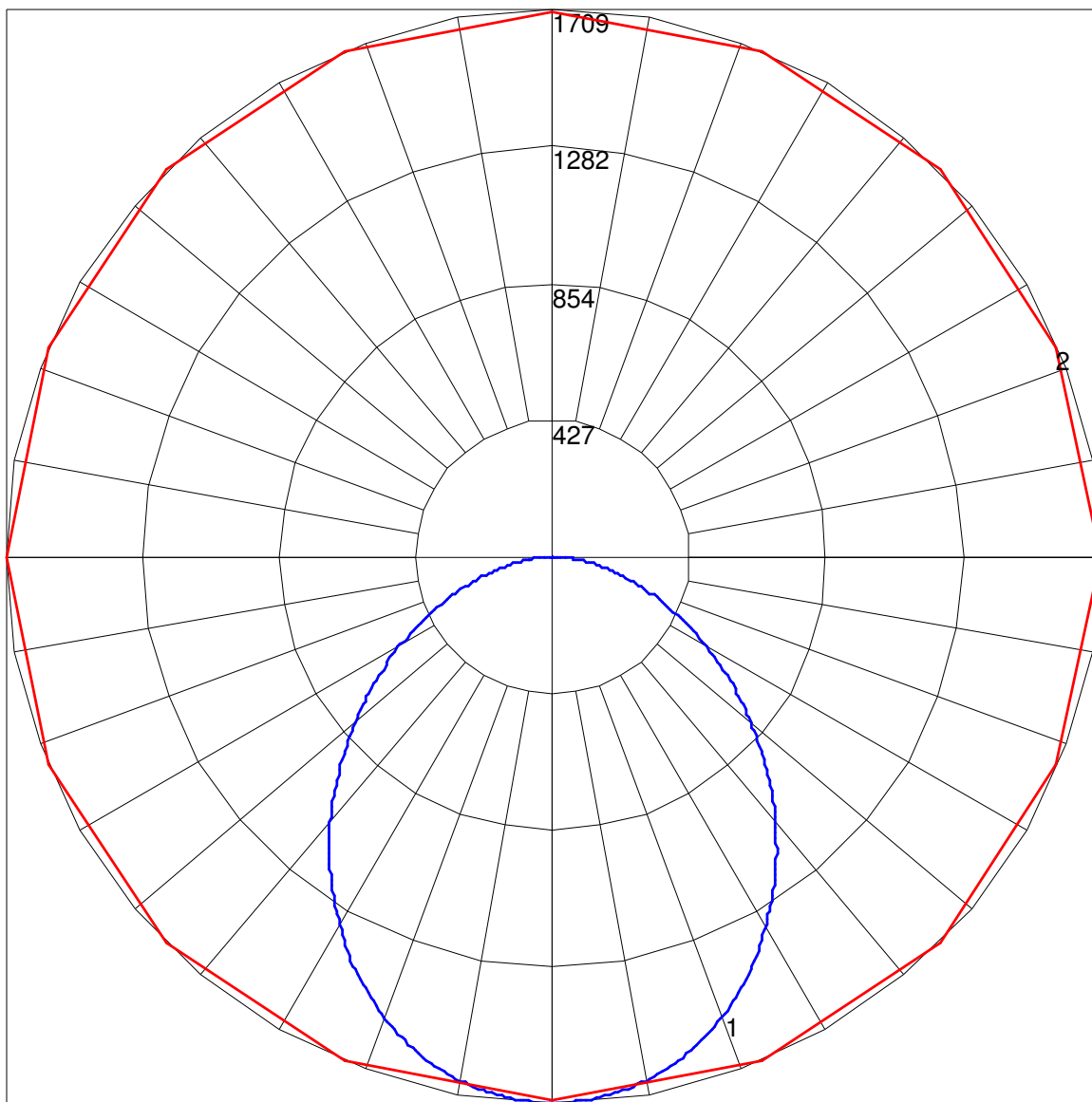
Reflectances

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	18.6	20.1	19.0	20.5	20.8	16.5	18.0	16.8	18.3	18.6
	3H	20.2	21.6	20.6	21.9	22.3	17.7	19.1	18.1	19.4	19.8
	4H	20.8	22.1	21.2	22.4	22.8	18.1	19.4	18.5	19.8	20.1
	6H	21.1	22.3	21.5	22.7	23.1	18.3	19.5	18.7	19.9	20.2
	8H	21.2	22.4	21.7	22.8	23.2	18.3	19.4	18.7	19.8	20.2
	12H	21.3	22.4	21.7	22.8	23.2	18.3	19.4	18.7	19.8	20.2
4H	2H	18.9	20.2	19.3	20.6	20.9	17.2	18.5	17.6	18.8	19.2
	3H	20.7	21.8	21.2	22.2	22.6	18.6	19.7	19.0	20.1	20.5
	4H	21.4	22.4	21.9	22.8	23.2	19.1	20.0	19.5	20.5	20.9
	6H	21.9	22.8	22.4	23.2	23.7	19.3	20.2	19.8	20.6	21.1
	8H	22.0	22.8	22.5	23.3	23.7	19.3	20.1	19.8	20.6	21.0
	12H	22.1	22.8	22.6	23.3	23.8	19.3	20.0	19.8	20.5	21.0
8H	4H	21.5	22.3	22.0	22.7	23.2	19.4	20.1	19.8	20.6	21.1
	6H	22.1	22.7	22.6	23.2	23.7	19.7	20.3	20.2	20.8	21.3
	8H	22.3	22.8	22.8	23.4	23.8	19.7	20.3	20.2	20.8	21.3
	12H	22.4	22.9	22.9	23.4	24.0	19.7	20.2	20.2	20.7	21.3
12H	4H	21.5	22.2	22.0	22.7	23.1	19.4	20.1	19.9	20.6	21.0
	6H	22.1	22.7	22.6	23.1	23.7	19.7	20.3	20.3	20.8	21.3
	8H	22.3	22.8	22.8	23.3	23.8	19.8	20.3	20.3	20.8	21.3

Maximum UGR = 24.0

POLAR GRAPH



Maximum Candela = 1708.696 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.)