

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L8-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-8-L8-940-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 8' suspended 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	5635
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	52
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6872	6093	5394
55	6015	5199	4416
65	5118	4277	3553
75	4109	3212	2616
85	2661	1649	1262

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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	2610.019	2610.019	2610.019	2610.019	2610.019
0.5	2622.778	2604.348	2610.728	2608.601	2607.183
1.0	2622.070	2603.639	2610.019	2607.892	2606.475
1.5	2621.361	2602.221	2609.310	2606.475	2605.057
2.0	2619.943	2601.513	2607.183	2603.639	2604.348
2.5	2619.234	2600.095	2605.766	2602.221	2601.513
3.0	2617.108	2597.968	2603.639	2598.677	2597.968
3.5	2615.690	2595.842	2600.804	2595.842	2594.424
4.0	2612.146	2593.006	2597.968	2592.297	2590.171
4.5	2610.728	2590.171	2594.424	2588.044	2585.209
5.0	2607.183	2587.335	2590.171	2583.791	2580.956
5.5	2605.766	2583.082	2585.918	2578.120	2574.576
6.0	2599.386	2579.538	2580.956	2572.449	2568.905
6.5	2595.842	2575.994	2575.285	2566.070	2561.817
7.0	2591.589	2571.032	2570.323	2559.690	2555.437
7.5	2587.335	2566.070	2563.943	2552.601	2547.639
8.0	2582.373	2560.399	2558.272	2544.804	2539.133
8.5	2577.411	2555.437	2551.892	2536.298	2530.627
9.0	2571.741	2549.766	2544.095	2527.791	2522.120
9.5	2565.361	2542.677	2537.006	2518.576	2512.196
10.0	2560.399	2536.298	2528.500	2510.070	2502.981
10.5	2552.601	2529.209	2520.703	2500.855	2493.057
11.0	2545.513	2522.120	2511.488	2490.222	2483.133
11.5	2538.424	2514.323	2502.272	2479.589	2471.083
12.0	2530.627	2506.526	2493.057	2468.247	2459.741
12.5	2521.412	2497.310	2483.133	2456.905	2446.981
13.0	2513.614	2488.804	2472.500	2444.855	2434.931
13.5	2505.817	2479.589	2461.867	2432.804	2422.880
14.0	2495.893	2470.374	2451.235	2419.336	2408.703
14.5	2487.386	2459.741	2439.184	2406.576	2395.235
15.0	2477.462	2449.817	2427.133	2393.108	2381.057
15.5	2467.538	2439.184	2415.083	2378.931	2366.880
16.0	2456.905	2428.551	2402.323	2364.754	2351.285
16.5	2446.981	2417.918	2389.564	2349.868	2336.399
17.0	2435.640	2405.868	2376.095	2334.982	2320.096
17.5	2425.007	2393.817	2363.336	2319.387	2303.792
18.0	2412.956	2382.475	2349.159	2303.792	2287.488
18.5	2402.323	2369.716	2334.982	2287.488	2269.767
19.0	2389.564	2356.956	2320.096	2270.475	2252.045
19.5	2377.513	2344.197	2305.210	2254.172	2234.324
20.0	2364.754	2330.728	2289.615	2237.159	2216.602
20.5	2351.994	2317.260	2274.020	2219.438	2198.172
21.0	2338.526	2303.792	2258.425	2201.716	2179.033
21.5	2325.766	2288.906	2242.121	2183.286	2160.602
22.0	2311.589	2274.729	2225.108	2164.855	2142.172
22.5	2297.412	2259.843	2208.096	2146.425	2122.324
23.0	2283.944	2245.665	2191.792	2126.577	2102.476
23.5	2269.767	2230.070	2174.071	2107.438	2082.628
24.0	2254.881	2214.476	2156.349	2088.299	2062.071
24.5	2239.995	2198.881	2137.919	2068.451	2042.223
25.0	2224.400	2183.286	2120.197	2048.603	2021.666
25.5	2208.096	2166.273	2101.767	2028.046	1999.691
26.0	2192.501	2149.969	2081.919	2007.489	1978.426
26.5	2176.906	2132.957	2063.489	1986.932	1956.451

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CANDELA TABULATION - (Cont.)

27.0	2159.893	2115.944	2043.641	1965.666	1935.185
27.5	2142.172	2098.223	2024.501	1944.400	1913.919
28.0	2125.868	2081.210	2004.653	1922.426	1891.236
28.5	2108.856	2063.489	1985.514	1901.160	1869.261
29.0	2091.843	2045.767	1965.666	1879.185	1847.995
29.5	2071.995	2027.337	1945.109	1857.211	1825.312
30.0	2052.856	2008.198	1924.552	1835.236	1803.337
30.5	2035.134	1989.767	1904.704	1813.970	1780.654
31.0	2016.704	1971.337	1884.147	1791.996	1757.970
31.5	1998.982	1952.198	1863.590	1769.312	1735.287
32.0	1979.134	1933.059	1842.325	1747.338	1713.312
32.5	1960.704	1913.211	1821.768	1724.654	1689.920
33.0	1941.565	1894.071	1799.793	1702.679	1667.945
33.5	1922.426	1874.223	1779.945	1679.996	1643.844
34.0	1903.995	1854.375	1757.970	1658.021	1621.869
34.5	1884.856	1835.236	1736.705	1636.047	1599.895
35.0	1865.717	1814.679	1714.730	1613.363	1577.211
35.5	1845.869	1794.122	1693.464	1592.097	1553.819
36.0	1827.439	1774.274	1672.198	1569.414	1532.553
36.5	1807.591	1753.717	1650.224	1547.439	1509.870
37.0	1787.034	1733.160	1629.667	1525.465	1488.604
37.5	1767.186	1712.603	1608.401	1502.781	1465.920
38.0	1747.338	1691.338	1586.427	1480.807	1443.237
38.5	1726.781	1671.490	1565.161	1458.832	1421.262
39.0	1705.515	1650.224	1543.895	1436.857	1399.288
39.5	1685.667	1629.667	1521.920	1414.883	1377.313
40.0	1665.110	1608.401	1500.655	1394.326	1356.047
40.5	1643.135	1587.844	1478.680	1372.351	1333.364
41.0	1622.578	1566.578	1457.414	1350.376	1309.971
41.5	1602.021	1546.022	1436.148	1328.402	1287.997
42.0	1580.047	1524.756	1414.883	1305.718	1265.313
42.5	1557.363	1502.781	1393.617	1284.453	1243.339
43.0	1536.098	1481.515	1372.351	1261.060	1221.364
43.5	1515.541	1460.958	1351.085	1239.086	1200.807
44.0	1492.857	1439.693	1329.820	1218.529	1179.541
44.5	1471.591	1418.427	1306.427	1197.263	1158.276
45.0	1449.617	1397.870	1285.161	1176.706	1137.719
45.5	1427.642	1375.895	1263.187	1156.149	1116.453
46.0	1406.376	1355.338	1242.630	1135.592	1095.896
46.5	1385.111	1334.073	1222.073	1115.744	1076.048
47.0	1363.136	1312.807	1201.516	1095.187	1055.491
47.5	1341.161	1290.123	1181.668	1075.339	1035.643
48.0	1319.896	1268.149	1161.820	1055.491	1015.086
48.5	1297.921	1247.592	1141.263	1035.643	995.238
49.0	1274.529	1226.326	1121.415	1015.795	976.099
49.5	1253.972	1206.478	1102.276	995.947	956.960
50.0	1232.706	1185.921	1082.428	976.808	937.820
50.5	1212.858	1165.364	1062.580	957.669	918.681
51.0	1191.592	1145.516	1042.732	937.820	899.542
51.5	1171.035	1124.959	1023.592	919.390	881.112
52.0	1151.187	1104.402	1003.744	900.251	862.681
52.5	1130.630	1084.554	984.605	881.821	844.960
53.0	1110.073	1064.706	965.466	863.390	827.238
53.5	1089.516	1044.858	947.036	844.960	808.808
54.0	1069.668	1025.010	927.188	827.238	791.087
54.5	1049.111	1005.871	908.757	808.808	773.365

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CANDELA TABULATION - (Cont.)

55.0	1029.263	986.023	889.618	791.796	755.644
55.5	1008.706	966.884	871.188	773.365	738.631
56.0	988.149	947.036	852.757	756.353	721.618
56.5	968.301	927.896	834.327	739.340	705.669
57.0	947.745	908.757	815.188	722.327	688.869
57.5	927.896	890.327	797.466	705.315	672.495
58.0	908.048	871.188	779.036	688.586	656.403
58.5	888.200	852.049	760.606	672.069	640.312
59.0	868.352	833.618	742.884	655.836	624.363
59.5	848.504	815.188	725.163	639.603	608.839
60.0	829.365	796.758	707.300	623.300	593.386
60.5	810.226	778.327	690.003	607.421	577.933
61.0	791.087	760.606	672.353	591.685	562.763
61.5	772.656	742.175	655.198	575.806	547.806
62.0	753.517	723.745	637.902	560.637	533.346
62.5	735.087	706.236	621.173	545.396	518.601
63.0	716.656	688.727	604.515	530.227	504.141
63.5	698.581	671.219	587.857	514.915	489.538
64.0	681.001	653.852	571.624	500.171	475.503
64.5	662.854	636.485	555.249	485.498	461.538
65.0	645.274	619.472	539.158	470.824	447.928
65.5	627.836	602.247	522.925	456.434	434.034
66.0	610.469	585.163	507.260	442.399	420.424
66.5	593.244	568.292	491.523	428.151	406.672
67.0	575.806	551.563	475.999	414.045	393.488
67.5	558.368	534.834	460.687	400.434	380.303
68.0	541.639	518.389	445.234	386.753	366.976
68.5	524.556	502.085	430.136	373.285	354.146
69.0	507.614	485.781	415.179	359.888	341.387
69.5	491.168	469.548	400.576	346.632	328.981
70.0	474.510	453.386	385.690	333.660	316.435
70.5	458.065	437.508	371.088	320.759	304.313
71.0	441.619	421.771	356.911	308.212	292.050
71.5	425.528	405.893	342.733	295.736	280.212
72.0	409.508	390.440	328.698	283.331	268.374
72.5	393.559	375.128	314.733	271.209	256.891
73.0	378.035	360.029	301.052	259.017	245.620
73.5	362.511	344.718	287.584	247.392	234.349
74.0	347.270	329.690	274.258	235.696	223.149
74.5	332.171	314.946	261.073	224.354	212.516
75.0	317.285	300.414	247.959	212.941	201.954
75.5	302.683	286.166	235.270	202.096	191.463
76.0	288.435	272.060	222.865	191.250	181.326
76.5	274.116	257.954	210.460	180.830	171.402
77.0	260.577	244.202	198.551	170.410	161.549
77.5	246.825	230.663	186.713	160.344	151.908
78.0	233.144	217.336	175.017	150.491	142.764
78.5	219.605	204.151	163.817	140.921	133.478
79.0	206.703	191.463	152.830	131.493	124.547
79.5	194.015	178.562	142.126	122.066	115.828
80.0	181.397	166.227	131.493	113.205	107.392
80.5	168.850	153.964	121.144	104.415	99.028
81.0	156.729	142.055	111.220	96.050	91.088
81.5	144.749	130.501	101.509	87.757	83.220
82.0	133.195	118.805	92.293	79.676	75.423
82.5	121.924	107.747	83.220	71.807	67.980

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CANDELA TABULATION - (Cont.)

83.0	110.795	96.830	74.430	64.152	60.395
83.5	99.807	86.410	66.137	56.638	53.164
84.0	89.316	76.202	58.056	49.266	46.147
84.5	78.967	66.562	50.329	42.248	39.413
85.0	69.185	57.276	42.886	35.656	32.820
85.5	59.686	48.344	35.797	28.921	25.732
86.0	50.754	39.838	29.418	21.975	17.934
86.5	41.894	32.182	23.251	13.894	11.058
87.0	33.742	24.952	16.587	8.790	7.868
87.5	26.157	18.572	9.570	6.734	6.167
88.0	19.139	12.689	6.025	5.175	4.820
88.5	13.185	7.089	4.466	3.757	3.332
89.0	8.294	3.544	2.977	2.410	2.127
89.5	4.111	1.914	1.630	1.205	1.063
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 : LRX4X-8-L8-940-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 : LRX4X-8-L8-940-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 : LRX4X-8-L8-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	927.10	N.A.	16.50
0-30	1900.39	N.A.	33.70
0-40	2972.54	N.A.	52.80
0-60	4763.62	N.A.	84.50
0-80	5576.37	N.A.	99.00
0-90	5634.72	N.A.	100.00
10-90	5389.6	N.A.	95.60
20-40	2045.44	N.A.	36.30
20-50	3039.67	N.A.	53.90
40-70	2331.15	N.A.	41.40
60-80	812.75	N.A.	14.40
70-80	272.68	N.A.	4.80
80-90	58.36	N.A.	1.00
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	5634.72	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	245.12
10-20	681.98
20-30	973.29
30-40	1072.14
40-50	994.23
50-60	796.85
60-70	540.07
70-80	272.68
80-90	58.36
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 : LRX4X-8-L8-940-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	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	51	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L8-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

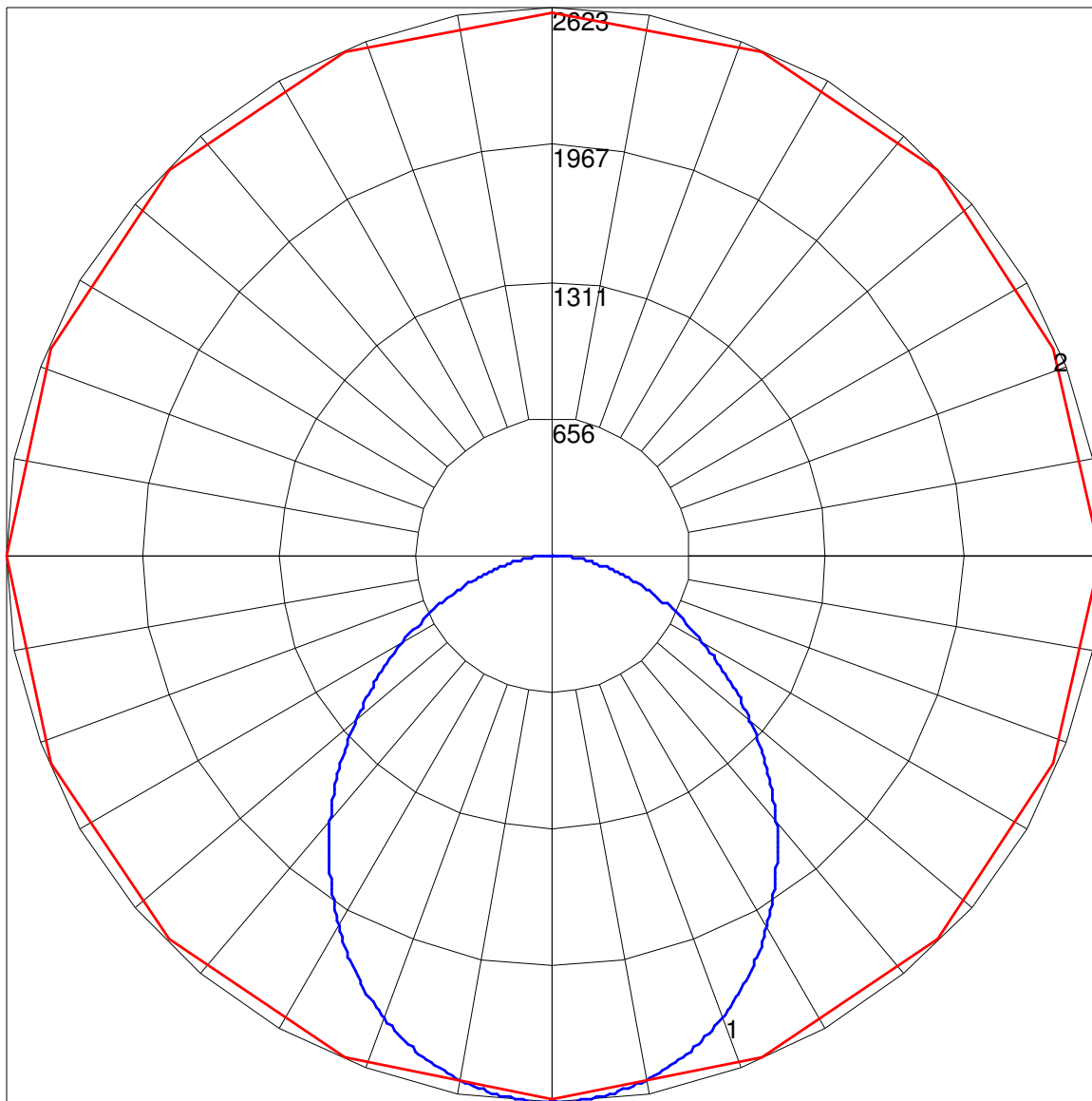
Reflectances

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	18.1	19.7	18.5	20.0	20.3	16.4	17.9	16.8	18.2	18.6
	3H	19.7	21.1	20.1	21.4	21.8	17.7	19.1	18.1	19.4	19.8
	4H	20.3	21.6	20.7	21.9	22.3	18.2	19.4	18.6	19.8	20.2
	6H	20.6	21.8	21.0	22.2	22.6	18.4	19.6	18.8	20.0	20.4
	8H	20.7	21.9	21.2	22.3	22.7	18.5	19.6	18.9	20.0	20.4
	12H	20.8	21.9	21.2	22.3	22.7	18.5	19.6	18.9	20.0	20.4
4H	2H	18.5	19.8	18.9	20.1	20.5	17.1	18.4	17.5	18.7	19.1
	3H	20.3	21.4	20.7	21.8	22.2	18.6	19.7	19.0	20.1	20.5
	4H	21.0	21.9	21.4	22.4	22.8	19.1	20.1	19.5	20.5	20.9
	6H	21.5	22.3	21.9	22.8	23.2	19.5	20.3	19.9	20.8	21.2
	8H	21.6	22.4	22.1	22.9	23.3	19.5	20.3	20.0	20.8	21.2
	12H	21.7	22.4	22.2	22.9	23.4	19.6	20.3	20.1	20.8	21.2
8H	4H	21.1	21.9	21.6	22.3	22.8	19.4	20.2	19.9	20.7	21.1
	6H	21.7	22.3	22.2	22.8	23.3	19.8	20.5	20.3	21.0	21.5
	8H	21.9	22.5	22.4	23.0	23.5	20.0	20.6	20.5	21.1	21.6
	12H	22.0	22.5	22.5	23.0	23.6	20.0	20.6	20.5	21.0	21.6
12H	4H	21.1	21.8	21.6	22.3	22.7	19.5	20.2	19.9	20.6	21.1
	6H	21.7	22.3	22.2	22.7	23.3	19.9	20.5	20.4	21.0	21.5
	8H	21.9	22.4	22.4	22.9	23.5	20.1	20.6	20.6	21.1	21.6

Maximum UGR = 23.6

POLAR GRAPH



Maximum Candela = 2622.778 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.)