

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L8-930-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-L8-930-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	5373
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
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	6553	5809	5143
55	5736	4957	4211
65	4880	4078	3388
75	3918	3062	2494
85	2537	1573	1204

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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	2488.622	2488.622	2488.622	2488.622	2488.622
0.5	2500.788	2483.215	2489.298	2487.271	2485.919
1.0	2500.113	2482.539	2488.622	2486.595	2485.243
1.5	2499.437	2481.188	2487.947	2485.243	2483.891
2.0	2498.085	2480.512	2485.919	2482.539	2483.215
2.5	2497.409	2479.160	2484.567	2481.188	2480.512
3.0	2495.381	2477.132	2482.539	2477.808	2477.132
3.5	2494.030	2475.105	2479.836	2475.105	2473.753
4.0	2490.650	2472.401	2477.132	2471.725	2469.698
4.5	2489.298	2469.698	2473.753	2467.670	2464.966
5.0	2485.919	2466.994	2469.698	2463.615	2460.911
5.5	2484.567	2462.939	2465.642	2458.207	2454.828
6.0	2478.484	2459.559	2460.911	2452.800	2449.421
6.5	2475.105	2456.180	2455.504	2446.717	2442.662
7.0	2471.049	2451.449	2450.773	2440.634	2436.579
7.5	2466.994	2446.717	2444.690	2433.875	2429.144
8.0	2462.263	2441.310	2439.283	2426.441	2421.034
8.5	2457.532	2436.579	2433.200	2418.330	2412.923
9.0	2452.124	2431.172	2425.765	2410.219	2404.812
9.5	2446.041	2424.413	2419.006	2401.433	2395.350
10.0	2441.310	2418.330	2410.895	2393.322	2386.563
10.5	2433.875	2411.571	2403.460	2384.536	2377.101
11.0	2427.117	2404.812	2394.674	2374.397	2367.638
11.5	2420.358	2397.377	2385.887	2364.259	2356.148
12.0	2412.923	2389.943	2377.101	2353.445	2345.334
12.5	2404.136	2381.156	2367.638	2342.631	2333.168
13.0	2396.702	2373.045	2357.500	2331.140	2321.678
13.5	2389.267	2364.259	2347.362	2319.650	2310.188
14.0	2379.804	2355.472	2337.223	2306.808	2296.670
14.5	2371.694	2345.334	2325.733	2294.642	2283.828
15.0	2362.231	2335.872	2314.243	2281.801	2270.310
15.5	2352.769	2325.733	2302.753	2268.283	2256.793
16.0	2342.631	2315.595	2290.587	2254.765	2241.923
16.5	2333.168	2305.457	2278.421	2240.571	2227.729
17.0	2322.354	2293.967	2265.579	2226.378	2212.184
17.5	2312.216	2282.476	2253.413	2211.508	2196.639
18.0	2300.725	2271.662	2239.895	2196.639	2181.093
18.5	2290.587	2259.496	2226.378	2181.093	2164.196
19.0	2278.421	2247.330	2212.184	2164.872	2147.299
19.5	2266.931	2235.164	2197.990	2149.326	2130.401
20.0	2254.765	2222.322	2183.121	2133.105	2113.504
20.5	2242.599	2209.480	2168.251	2116.208	2095.931
21.0	2229.757	2196.639	2153.382	2099.311	2077.682
21.5	2217.591	2182.445	2137.836	2081.737	2060.109
22.0	2204.073	2168.927	2121.615	2064.164	2042.536
22.5	2190.556	2154.733	2105.394	2046.591	2023.611
23.0	2177.714	2141.216	2089.848	2027.666	2004.686
23.5	2164.196	2126.346	2072.951	2009.417	1985.761
24.0	2150.002	2111.477	2056.054	1991.168	1966.160
24.5	2135.809	2096.607	2038.481	1972.243	1947.236
25.0	2120.939	2081.737	2021.583	1953.319	1927.635
25.5	2105.394	2065.516	2004.010	1933.718	1906.682
26.0	2090.524	2049.971	1985.085	1914.117	1886.406
26.5	2075.654	2033.749	1967.512	1894.516	1865.453

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CANDELA TABULATION - (Cont.)

27.0	2059.433	2017.528	1948.587	1874.240	1845.176
27.5	2042.536	2000.631	1930.338	1853.963	1824.900
28.0	2026.990	1984.409	1911.413	1833.010	1803.271
28.5	2010.769	1967.512	1893.164	1812.734	1782.319
29.0	1994.548	1950.615	1874.240	1791.781	1762.042
29.5	1975.623	1933.042	1854.639	1770.829	1740.414
30.0	1957.374	1914.793	1835.038	1749.876	1719.461
30.5	1940.477	1897.220	1816.113	1729.599	1697.833
31.0	1922.904	1879.647	1796.512	1708.647	1676.204
31.5	1906.006	1861.398	1776.912	1687.018	1654.576
32.0	1887.081	1843.149	1756.635	1666.066	1633.623
32.5	1869.508	1824.224	1737.034	1644.437	1611.319
33.0	1851.259	1805.975	1716.082	1623.485	1590.366
33.5	1833.010	1787.050	1697.157	1601.856	1567.386
34.0	1815.437	1768.125	1676.204	1580.904	1546.434
34.5	1797.188	1749.876	1655.928	1559.951	1525.481
35.0	1778.939	1730.275	1634.975	1538.323	1503.853
35.5	1760.014	1710.674	1614.698	1518.046	1481.548
36.0	1742.441	1691.750	1594.422	1496.418	1461.272
36.5	1723.516	1672.149	1573.469	1475.465	1439.643
37.0	1703.916	1652.548	1553.868	1454.513	1419.366
37.5	1684.991	1632.947	1533.592	1432.884	1397.738
38.0	1666.066	1612.671	1512.639	1411.932	1376.110
38.5	1646.465	1593.746	1492.362	1390.979	1355.157
39.0	1626.188	1573.469	1472.086	1370.027	1334.204
39.5	1607.264	1553.868	1451.133	1349.074	1313.252
40.0	1587.663	1533.592	1430.857	1329.473	1292.975
40.5	1566.710	1513.991	1409.904	1308.521	1271.347
41.0	1547.109	1493.714	1389.627	1287.568	1249.042
41.5	1527.509	1474.113	1369.351	1266.616	1228.090
42.0	1506.556	1453.837	1349.074	1244.987	1206.461
42.5	1484.928	1432.884	1328.797	1224.710	1185.509
43.0	1464.651	1412.608	1308.521	1202.406	1164.556
43.5	1445.050	1393.007	1288.244	1181.454	1144.956
44.0	1423.422	1372.730	1267.967	1161.853	1124.679
44.5	1403.145	1352.453	1245.663	1141.576	1104.402
45.0	1382.193	1332.853	1225.386	1121.975	1084.801
45.5	1361.240	1311.900	1204.434	1102.375	1064.525
46.0	1340.963	1292.299	1184.833	1082.774	1044.924
46.5	1320.687	1272.023	1165.232	1063.849	1025.999
47.0	1299.734	1251.746	1145.631	1044.248	1006.398
47.5	1278.782	1230.118	1126.707	1025.323	987.474
48.0	1258.505	1209.165	1107.782	1006.398	967.873
48.5	1237.552	1189.564	1088.181	987.474	948.948
49.0	1215.248	1169.288	1069.256	968.549	930.699
49.5	1195.647	1150.363	1051.007	949.624	912.450
50.0	1175.371	1130.762	1032.082	931.375	894.201
50.5	1156.446	1111.161	1013.157	913.126	875.952
51.0	1136.169	1092.236	994.232	894.201	857.703
51.5	1116.568	1072.635	975.983	876.628	840.130
52.0	1097.643	1053.035	957.059	858.379	822.557
52.5	1078.043	1034.110	938.810	840.806	805.659
53.0	1058.442	1015.185	920.561	823.233	788.762
53.5	1038.841	996.260	902.987	805.659	771.189
54.0	1019.916	977.335	884.063	788.762	754.292
54.5	1000.315	959.086	866.489	771.189	737.395

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CANDELA TABULATION - (Cont.)

55.0	981.391	940.161	848.240	754.968	720.497
55.5	961.790	921.912	830.667	737.395	704.276
56.0	942.189	902.987	813.094	721.173	688.055
56.5	923.264	884.738	795.521	704.952	672.847
57.0	903.663	866.489	777.272	688.731	656.829
57.5	884.738	848.916	760.375	672.509	641.216
58.0	865.814	830.667	742.802	656.558	625.873
58.5	846.889	812.418	725.229	640.810	610.530
59.0	827.964	794.845	708.331	625.332	595.323
59.5	809.039	777.272	691.434	609.854	580.521
60.0	790.790	759.699	674.402	594.309	565.786
60.5	772.541	742.126	657.910	579.169	551.052
61.0	754.292	725.229	641.081	564.164	536.588
61.5	736.719	707.656	624.724	549.024	522.327
62.0	718.470	690.082	608.232	534.560	508.539
62.5	700.897	673.388	592.281	520.029	494.480
63.0	683.324	656.694	576.398	505.565	480.692
63.5	666.088	639.999	560.515	490.966	466.769
64.0	649.326	623.440	545.037	476.907	453.386
64.5	632.024	606.881	529.424	462.916	440.071
65.0	615.262	590.659	514.081	448.925	427.094
65.5	598.635	574.235	498.603	435.205	413.847
66.0	582.075	557.946	483.666	421.822	400.870
66.5	565.651	541.860	468.661	408.237	387.757
67.0	549.024	525.909	453.859	394.787	375.186
67.5	532.398	509.958	439.260	381.810	362.614
68.0	516.447	494.277	424.526	368.765	349.908
68.5	500.158	478.732	410.129	355.923	337.674
69.0	484.004	463.187	395.868	343.149	325.508
69.5	468.323	447.709	381.945	330.510	313.680
70.0	452.440	432.298	367.751	318.141	301.717
70.5	436.759	417.159	353.828	305.840	290.159
71.0	421.079	402.154	340.310	293.876	278.466
71.5	405.736	387.014	326.792	281.981	267.179
72.0	390.461	372.280	313.410	270.153	255.891
72.5	375.253	357.680	300.095	258.595	244.942
73.0	360.451	343.284	287.050	246.970	234.195
73.5	345.650	328.685	274.208	235.885	223.449
74.0	331.118	314.356	261.501	224.733	212.770
74.5	316.721	300.297	248.930	213.919	202.631
75.0	302.528	286.442	236.426	203.037	192.561
75.5	288.605	272.856	224.327	192.696	182.558
76.0	275.019	259.406	212.499	182.355	172.892
76.5	261.366	245.956	200.671	172.419	163.430
77.0	248.457	232.844	189.316	162.484	154.035
77.5	235.344	219.934	178.029	152.886	144.843
78.0	222.300	207.227	166.877	143.491	136.124
78.5	209.390	194.656	156.198	134.367	127.270
79.0	197.089	182.558	145.722	125.377	118.754
79.5	184.991	170.256	135.516	116.388	110.440
80.0	172.960	158.496	125.377	107.939	102.397
80.5	160.997	146.803	115.509	99.558	94.422
81.0	149.439	135.448	106.047	91.583	86.852
81.5	138.016	124.431	96.787	83.675	79.349
82.0	127.000	113.279	88.001	75.970	71.915
82.5	116.253	102.735	79.349	68.468	64.818

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CANDELA TABULATION - (Cont.)

83.0	105.641	92.326	70.968	61.168	57.586
83.5	95.165	82.391	63.060	54.004	50.692
84.0	85.162	72.658	55.355	46.974	44.000
84.5	75.294	63.466	47.988	40.283	37.579
85.0	65.967	54.612	40.891	33.997	31.294
85.5	56.910	46.096	34.132	27.576	24.535
86.0	48.394	37.985	28.049	20.953	17.100
86.5	39.945	30.685	22.169	13.247	10.544
87.0	32.172	23.791	15.816	8.381	7.502
87.5	24.940	17.708	9.124	6.421	5.880
88.0	18.249	12.098	5.745	4.934	4.596
88.5	12.572	6.759	4.258	3.582	3.177
89.0	7.908	3.379	2.839	2.298	2.028
89.5	3.920	1.825	1.555	1.149	1.014
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-L8-930-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-L8-930-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-L8-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	883.98	N.A.	16.50
0-30	1812.00	N.A.	33.70
0-40	2834.28	N.A.	52.80
0-60	4542.05	N.A.	84.50
0-80	5317.00	N.A.	99.00
0-90	5372.64	N.A.	100.00
10-90	5138.92	N.A.	95.60
20-40	1950.3	N.A.	36.30
20-50	2898.29	N.A.	53.90
40-70	2222.72	N.A.	41.40
60-80	774.95	N.A.	14.40
70-80	260.00	N.A.	4.80
80-90	55.64	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	5372.64	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	233.72
10-20	650.26
20-30	928.02
30-40	1022.28
40-50	947.99
50-60	759.78
60-70	514.95
70-80	260.00
80-90	55.64
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-L8-930-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-L8-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

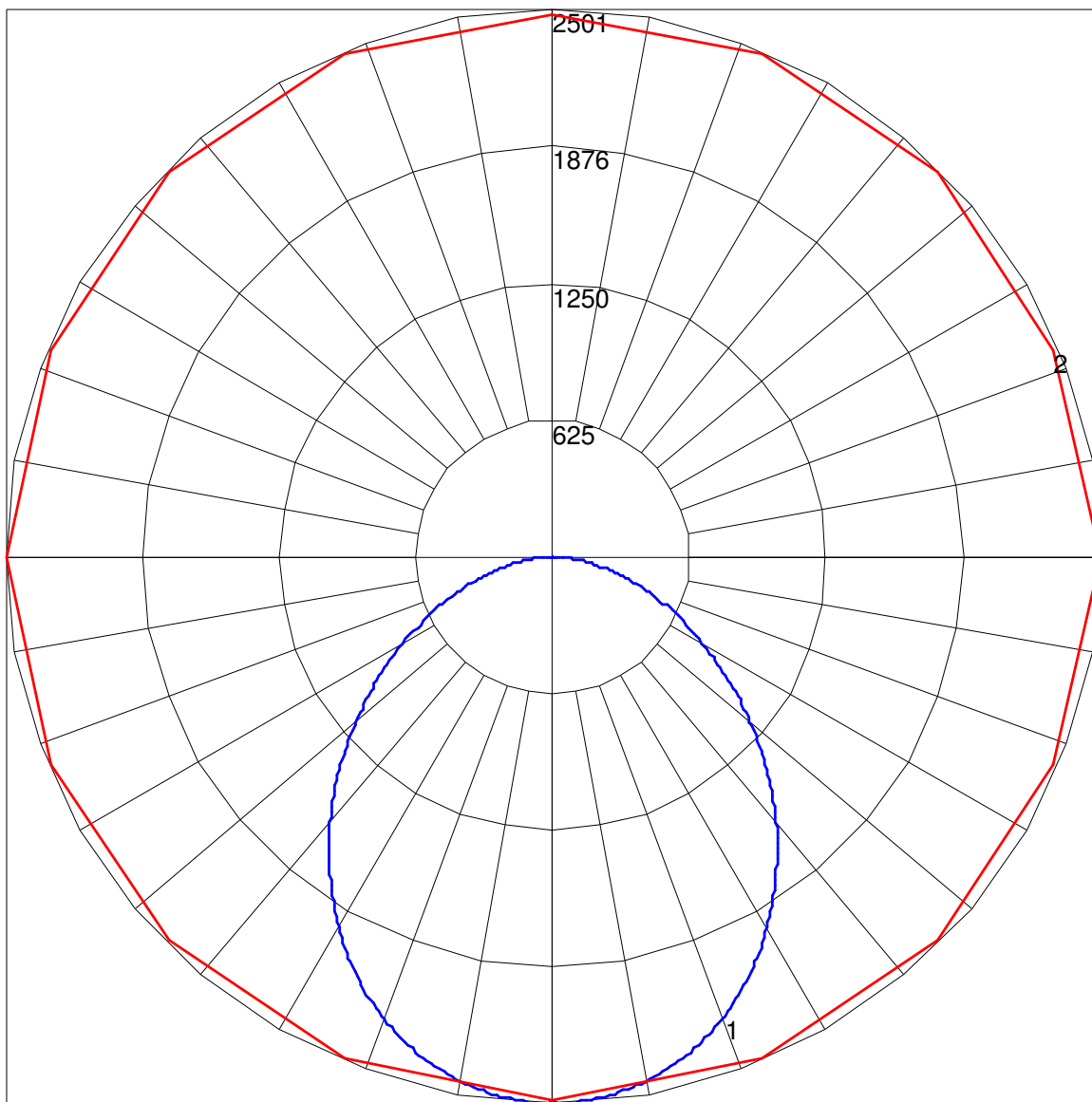
Reflectances

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	18.0	19.6	18.4	19.9	20.2	16.3	17.8	16.7	18.1	18.5
	3H	19.6	21.0	20.0	21.3	21.7	17.6	19.0	18.0	19.3	19.7
	4H	20.2	21.5	20.6	21.8	22.2	18.1	19.4	18.5	19.7	20.1
	6H	20.5	21.7	20.9	22.1	22.5	18.3	19.5	18.7	19.9	20.3
	8H	20.6	21.8	21.1	22.2	22.6	18.4	19.5	18.8	19.9	20.3
	12H	20.7	21.8	21.1	22.2	22.6	18.4	19.5	18.8	19.9	20.3
4H	2H	18.4	19.7	18.8	20.0	20.4	17.0	18.3	17.4	18.6	19.0
	3H	20.2	21.3	20.6	21.7	22.1	18.5	19.6	18.9	20.0	20.4
	4H	20.9	21.8	21.3	22.3	22.7	19.0	20.0	19.4	20.4	20.8
	6H	21.4	22.2	21.8	22.7	23.1	19.4	20.2	19.8	20.7	21.1
	8H	21.5	22.3	22.0	22.8	23.2	19.4	20.2	19.9	20.7	21.1
	12H	21.6	22.3	22.1	22.8	23.3	19.5	20.2	20.0	20.7	21.1
8H	4H	21.0	21.8	21.5	22.2	22.7	19.3	20.1	19.8	20.6	21.0
	6H	21.6	22.2	22.1	22.7	23.2	19.7	20.4	20.2	20.9	21.4
	8H	21.8	22.4	22.3	22.9	23.4	19.9	20.5	20.4	21.0	21.5
	12H	21.9	22.4	22.4	22.9	23.5	19.9	20.5	20.4	20.9	21.5
12H	4H	21.0	21.7	21.5	22.2	22.6	19.4	20.1	19.8	20.5	21.0
	6H	21.6	22.2	22.1	22.6	23.2	19.8	20.4	20.3	20.9	21.4
	8H	21.8	22.3	22.3	22.8	23.4	20.0	20.5	20.5	21.0	21.5

Maximum UGR = 23.5

POLAR GRAPH



Maximum Candela = 2500.788 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.)