

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L8-950-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-L8-950-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	5831
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
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	7112	6305	5582
55	6225	5381	4570
65	5297	4426	3677
75	4253	3324	2707
85	2754	1707	1306

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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	2701.066	2701.066	2701.066	2701.066	2701.066
0.5	2714.270	2695.197	2701.799	2699.599	2698.132
1.0	2713.537	2694.464	2701.066	2698.865	2697.398
1.5	2712.803	2692.996	2700.332	2697.398	2695.931
2.0	2711.336	2692.263	2698.132	2694.464	2695.197
2.5	2710.603	2690.796	2696.664	2692.996	2692.263
3.0	2708.402	2688.595	2694.464	2689.329	2688.595
3.5	2706.935	2686.394	2691.529	2686.394	2684.927
4.0	2703.267	2683.460	2688.595	2682.726	2680.525
4.5	2701.799	2680.525	2684.927	2678.325	2675.390
5.0	2698.132	2677.591	2680.525	2673.923	2670.989
5.5	2696.664	2673.190	2676.124	2668.054	2664.387
6.0	2690.062	2669.522	2670.989	2662.186	2658.518
6.5	2686.394	2665.854	2665.120	2655.584	2651.182
7.0	2681.993	2660.719	2659.985	2648.981	2644.580
7.5	2677.591	2655.584	2653.383	2641.645	2636.510
8.0	2672.456	2649.715	2647.514	2633.576	2627.707
8.5	2667.321	2644.580	2640.912	2624.773	2618.904
9.0	2661.452	2638.711	2632.842	2615.970	2610.101
9.5	2654.850	2631.375	2625.506	2606.433	2599.831
10.0	2649.715	2624.773	2616.703	2597.630	2590.294
10.5	2641.645	2617.437	2608.634	2588.094	2580.024
11.0	2634.310	2610.101	2599.097	2577.090	2569.754
11.5	2626.974	2602.032	2589.561	2566.086	2557.283
12.0	2618.904	2593.962	2580.024	2554.349	2545.546
12.5	2609.368	2584.426	2569.754	2542.611	2532.341
13.0	2601.298	2575.623	2558.750	2530.140	2519.870
13.5	2593.229	2566.086	2547.746	2517.669	2507.399
14.0	2582.958	2556.549	2536.742	2503.731	2492.727
14.5	2574.155	2545.546	2524.272	2490.527	2478.789
15.0	2563.885	2535.275	2511.801	2476.588	2464.117
15.5	2553.615	2524.272	2499.330	2461.917	2449.446
16.0	2542.611	2513.268	2486.125	2447.245	2433.307
16.5	2532.341	2502.264	2472.920	2431.840	2417.901
17.0	2520.604	2489.793	2458.982	2416.434	2401.029
17.5	2509.600	2477.322	2445.778	2400.295	2384.156
18.0	2497.129	2465.585	2431.106	2384.156	2367.284
18.5	2486.125	2452.380	2416.434	2367.284	2348.944
19.0	2472.920	2439.175	2401.029	2349.678	2330.605
19.5	2460.449	2425.971	2385.624	2332.805	2312.265
20.0	2447.245	2412.033	2369.485	2315.199	2293.925
20.5	2434.040	2398.095	2353.346	2296.860	2274.852
21.0	2420.102	2384.156	2337.207	2278.520	2255.045
21.5	2406.898	2368.751	2320.334	2259.447	2235.972
22.0	2392.226	2354.079	2302.728	2240.374	2216.899
22.5	2377.554	2338.674	2285.122	2221.300	2196.358
23.0	2363.616	2324.002	2268.250	2200.760	2175.818
23.5	2348.944	2307.863	2249.910	2180.953	2155.277
24.0	2333.539	2291.725	2231.570	2161.146	2134.003
24.5	2318.134	2275.586	2212.497	2140.606	2113.463
25.0	2301.995	2259.447	2194.158	2120.065	2092.189
25.5	2285.122	2241.841	2175.084	2098.791	2069.448
26.0	2268.983	2224.968	2154.544	2077.517	2047.440
26.5	2252.844	2207.362	2135.471	2056.243	2024.699

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CANDELA TABULATION - (Cont.)

27.0	2235.238	2189.756	2114.930	2034.236	2002.691
27.5	2216.899	2171.416	2095.123	2012.228	1980.684
28.0	2200.026	2153.810	2074.583	1989.487	1957.209
28.5	2182.420	2135.471	2054.776	1967.479	1934.468
29.0	2164.814	2117.131	2034.236	1944.738	1912.460
29.5	2144.274	2098.058	2012.962	1921.997	1888.986
30.0	2124.467	2078.251	1991.688	1899.256	1866.244
30.5	2106.127	2059.178	1971.147	1877.248	1842.770
31.0	2087.054	2040.104	1949.873	1854.507	1819.295
31.5	2068.714	2020.298	1928.599	1831.032	1795.820
32.0	2048.174	2000.491	1906.592	1808.291	1773.079
32.5	2029.101	1979.950	1885.318	1784.816	1748.870
33.0	2009.294	1960.143	1862.576	1762.075	1726.129
33.5	1989.487	1939.603	1842.036	1738.600	1701.187
34.0	1970.414	1919.063	1819.295	1715.859	1678.446
34.5	1950.607	1899.256	1797.287	1693.118	1655.705
35.0	1930.800	1877.982	1774.546	1669.643	1632.230
35.5	1910.260	1856.708	1752.538	1647.636	1608.022
36.0	1891.186	1836.167	1730.531	1624.161	1586.014
36.5	1870.646	1814.893	1707.790	1601.420	1562.539
37.0	1849.372	1793.619	1686.516	1578.678	1540.532
37.5	1828.831	1772.345	1664.508	1555.204	1517.057
38.0	1808.291	1750.338	1641.767	1532.462	1493.582
38.5	1787.017	1729.797	1619.759	1509.721	1470.841
39.0	1765.009	1707.790	1597.752	1486.980	1448.100
39.5	1744.469	1686.516	1575.010	1464.239	1425.359
40.0	1723.195	1664.508	1553.003	1442.965	1403.351
40.5	1700.454	1643.234	1530.262	1420.224	1379.876
41.0	1679.180	1621.226	1508.254	1397.482	1355.668
41.5	1657.906	1599.952	1486.246	1374.741	1332.927
42.0	1635.165	1577.945	1464.239	1351.267	1309.452
42.5	1611.690	1555.204	1442.231	1329.259	1286.711
43.0	1589.682	1533.196	1420.224	1305.051	1263.970
43.5	1568.408	1511.922	1398.216	1282.309	1242.696
44.0	1544.933	1489.914	1376.208	1261.035	1220.688
44.5	1522.926	1467.907	1352.000	1239.028	1198.681
45.0	1500.185	1446.633	1329.993	1217.754	1177.407
45.5	1477.443	1423.892	1307.251	1196.480	1155.399
46.0	1455.436	1402.618	1285.977	1175.206	1134.125
46.5	1433.428	1380.610	1264.703	1154.665	1113.584
47.0	1410.687	1358.602	1243.429	1133.391	1092.310
47.5	1387.946	1335.128	1222.889	1112.851	1071.770
48.0	1365.938	1312.386	1202.348	1092.310	1050.496
48.5	1343.197	1291.112	1181.074	1071.770	1029.956
49.0	1318.989	1269.105	1160.534	1051.230	1010.149
49.5	1297.715	1248.564	1140.727	1030.689	990.342
50.0	1275.707	1227.290	1120.187	1010.882	970.535
50.5	1255.167	1206.016	1099.646	991.076	950.728
51.0	1233.159	1185.476	1079.106	970.535	930.921
51.5	1211.885	1164.202	1059.299	951.462	911.848
52.0	1191.345	1142.928	1038.759	931.655	892.775
52.5	1170.071	1122.388	1018.952	912.582	874.435
53.0	1148.797	1101.847	999.145	893.508	856.096
53.5	1127.523	1081.307	980.072	874.435	837.022
54.0	1106.982	1060.766	959.531	856.096	818.683
54.5	1085.708	1040.959	940.458	837.022	800.343

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CANDELA TABULATION - (Cont.)

55.0	1065.168	1020.419	920.651	819.416	782.003
55.5	1043.894	1000.612	901.578	800.343	764.397
56.0	1022.620	980.072	882.505	782.737	746.791
56.5	1002.079	960.265	863.431	765.131	730.285
57.0	980.805	940.458	843.625	747.525	712.899
57.5	960.265	921.385	825.285	729.919	695.954
58.0	939.724	901.578	806.212	712.606	679.301
58.5	919.184	881.771	787.138	695.513	662.649
59.0	898.644	862.698	768.799	678.714	646.143
59.5	878.103	843.625	750.459	661.915	630.078
60.0	858.296	824.551	731.973	645.043	614.085
60.5	838.489	805.478	714.073	628.610	598.093
61.0	818.683	787.138	695.807	612.325	582.394
61.5	799.609	768.065	678.054	595.892	566.916
62.0	779.803	748.992	660.155	580.194	551.951
62.5	760.729	730.872	642.842	564.422	536.692
63.0	741.656	712.753	625.603	548.723	521.727
63.5	722.950	694.633	608.363	532.877	506.615
64.0	704.757	676.660	591.564	517.619	492.090
64.5	685.977	658.687	574.618	502.433	477.638
65.0	667.784	641.081	557.966	487.248	463.553
65.5	649.738	623.255	541.167	472.356	449.175
66.0	631.765	605.576	524.955	457.831	435.090
66.5	613.939	588.116	508.669	443.086	420.859
67.0	595.892	570.804	492.603	428.488	407.214
67.5	577.846	553.491	476.758	414.403	393.569
68.0	560.534	536.472	460.766	400.245	379.778
68.5	542.854	519.599	445.140	386.307	366.500
69.0	525.321	502.727	429.662	372.442	353.295
69.5	508.302	485.928	414.550	358.724	340.458
70.0	491.063	469.202	399.144	345.299	327.473
70.5	474.044	452.770	384.033	331.948	314.929
71.0	457.024	436.484	369.361	318.963	302.238
71.5	440.372	420.052	354.689	306.052	289.987
72.0	423.793	404.060	340.164	293.215	277.736
72.5	407.287	388.214	325.712	280.670	265.852
73.0	391.222	372.589	311.554	268.053	254.188
73.5	375.156	356.743	297.616	256.022	242.524
74.0	359.384	341.191	283.825	243.918	230.933
74.5	343.759	325.933	270.180	232.180	219.929
75.0	328.353	310.894	256.609	220.369	208.999
75.5	313.241	296.149	243.477	209.146	198.142
76.0	298.496	281.551	230.640	197.922	187.651
76.5	283.678	266.952	217.802	187.138	177.381
77.0	269.666	252.721	205.478	176.354	167.184
77.5	255.435	238.709	193.227	165.937	157.208
78.0	241.277	224.918	181.123	155.740	147.744
78.5	227.265	211.273	169.532	145.837	138.134
79.0	213.914	198.142	158.161	136.080	128.891
79.5	200.783	184.790	147.084	126.324	119.868
80.0	187.725	172.026	136.080	117.154	111.138
80.5	174.740	159.335	125.370	108.057	102.482
81.0	162.196	147.011	115.100	99.401	94.266
81.5	149.798	135.053	105.050	90.818	86.123
82.0	137.841	122.949	95.513	82.455	78.054
82.5	126.177	111.505	86.123	74.312	70.351

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CANDELA TABULATION - (Cont.)

83.0	114.660	100.208	77.027	66.390	62.502
83.5	103.289	89.424	68.444	58.614	55.019
84.0	92.432	78.861	60.081	50.984	47.756
84.5	81.722	68.884	52.085	43.722	40.787
85.0	71.598	59.274	44.382	36.899	33.965
85.5	61.768	50.031	37.046	29.930	26.629
86.0	52.525	41.228	30.444	22.741	18.560
86.5	43.355	33.305	24.062	14.378	11.444
87.0	34.919	25.822	17.166	9.096	8.143
87.5	27.069	19.220	9.903	6.969	6.382
88.0	19.807	13.131	6.235	5.355	4.988
88.5	13.645	7.336	4.622	3.888	3.448
89.0	8.583	3.668	3.081	2.494	2.201
89.5	4.255	1.981	1.687	1.247	1.100
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-L8-950-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-L8-950-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-L8-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	959.44	N.A.	16.50
0-30	1966.69	N.A.	33.70
0-40	3076.23	N.A.	52.80
0-60	4929.79	N.A.	84.50
0-80	5770.89	N.A.	99.00
0-90	5831.28	N.A.	100.00
10-90	5577.61	N.A.	95.60
20-40	2116.79	N.A.	36.30
20-50	3145.7	N.A.	53.90
40-70	2412.47	N.A.	41.40
60-80	841.10	N.A.	14.40
70-80	282.20	N.A.	4.80
80-90	60.39	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	5831.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	253.67
10-20	705.77
20-30	1007.24
30-40	1109.54
40-50	1028.92
50-60	824.64
60-70	558.91
70-80	282.20
80-90	60.39
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-L8-950-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	52	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-L8-950-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

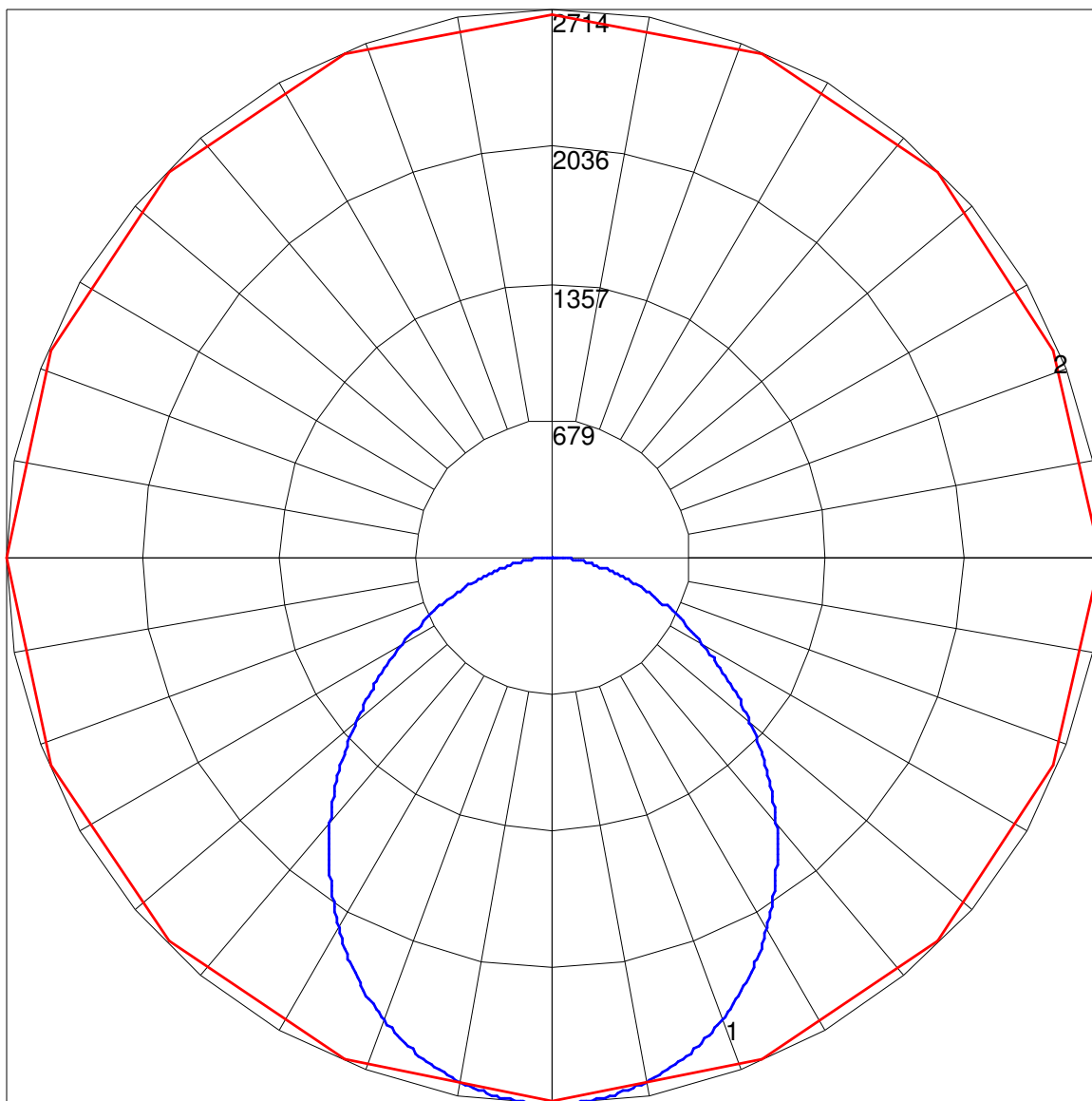
X=2H	Y=2H	18.2	19.8	18.6	20.1	20.4	16.5	18.0	16.9	18.3	18.7
	3H	19.8	21.2	20.2	21.5	21.9	17.8	19.2	18.2	19.5	19.9
	4H	20.4	21.7	20.8	22.0	22.4	18.3	19.6	18.7	19.9	20.3
	6H	20.7	21.9	21.1	22.3	22.7	18.5	19.7	18.9	20.1	20.5
	8H	20.8	22.0	21.3	22.4	22.8	18.6	19.7	19.0	20.1	20.5
	12H	20.9	22.0	21.3	22.4	22.8	18.6	19.7	19.0	20.1	20.5

UGR Viewed Endwise

4H	2H	18.6	19.9	19.0	20.2	20.6	17.2	18.5	17.6	18.8	19.2
	3H	20.4	21.5	20.8	21.9	22.3	18.7	19.8	19.1	20.2	20.6
	4H	21.1	22.0	21.5	22.5	22.9	19.2	20.2	19.6	20.6	21.0
	6H	21.6	22.4	22.0	22.9	23.3	19.6	20.4	20.0	20.9	21.3
	8H	21.7	22.5	22.2	23.0	23.4	19.6	20.4	20.1	20.9	21.3
	12H	21.8	22.5	22.3	23.0	23.5	19.7	20.4	20.2	20.9	21.3
8H	4H	21.2	22.0	21.7	22.4	22.9	19.5	20.3	20.0	20.8	21.2
	6H	21.8	22.4	22.3	22.9	23.4	19.9	20.6	20.4	21.1	21.6
	8H	22.0	22.6	22.5	23.1	23.6	20.1	20.7	20.6	21.2	21.7
	12H	22.1	22.6	22.6	23.1	23.7	20.1	20.7	20.6	21.1	21.7
12H	4H	21.2	21.9	21.7	22.4	22.8	19.6	20.3	20.0	20.7	21.2
	6H	21.8	22.4	22.3	22.8	23.4	20.0	20.6	20.5	21.1	21.6
	8H	22.0	22.5	22.5	23.0	23.6	20.2	20.7	20.7	21.2	21.7

Maximum UGR = 23.7

POLAR GRAPH



Maximum Candela = 2714.27 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.)