

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L12-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L12-850-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	5168
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	48.8
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	22075	19112	16671
55	19509	16362	13538
65	16734	13168	10628
75	13426	9388	7293
85	8839	2798	1515

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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	2458.227	2458.227	2458.227	2458.227	2458.227
0.5	2462.058	2454.395	2460.526	2458.993	2452.097
1.0	2460.526	2453.629	2460.526	2458.227	2451.330
1.5	2459.759	2452.097	2458.227	2455.928	2449.031
2.0	2458.993	2451.330	2457.461	2454.395	2446.733
2.5	2457.461	2449.798	2455.162	2451.330	2444.434
3.0	2455.928	2448.265	2452.863	2448.265	2440.602
3.5	2453.629	2445.966	2449.031	2443.667	2436.771
4.0	2451.330	2442.901	2445.966	2439.836	2431.407
4.5	2449.031	2439.836	2441.369	2434.472	2425.277
5.0	2447.499	2436.771	2437.537	2428.342	2419.913
5.5	2442.901	2432.940	2432.173	2422.978	2413.783
6.0	2439.836	2429.108	2426.809	2416.081	2406.886
6.5	2436.005	2424.510	2421.445	2408.419	2399.223
7.0	2431.407	2419.147	2415.315	2401.522	2390.028
7.5	2426.809	2414.549	2408.419	2392.327	2380.833
8.0	2422.212	2409.185	2401.522	2383.898	2370.871
8.5	2416.848	2403.055	2393.859	2374.702	2362.442
9.0	2410.717	2396.924	2386.196	2364.741	2352.480
9.5	2405.353	2391.560	2377.767	2354.779	2340.986
10.0	2399.223	2384.664	2369.338	2344.051	2329.492
10.5	2393.859	2377.767	2360.143	2332.557	2317.231
11.0	2386.963	2370.105	2350.181	2321.063	2303.438
11.5	2380.833	2363.208	2340.220	2308.802	2291.944
12.0	2376.235	2356.312	2329.492	2296.542	2278.917
12.5	2366.273	2348.649	2318.764	2282.749	2265.890
13.0	2357.078	2339.453	2308.036	2269.722	2251.331
13.5	2349.415	2328.725	2296.542	2256.695	2236.772
14.0	2340.220	2318.764	2284.281	2242.136	2222.213
14.5	2331.024	2308.036	2272.021	2227.576	2206.887
15.0	2321.829	2298.074	2260.527	2213.017	2190.795
15.5	2312.634	2288.113	2248.266	2196.925	2174.703
16.0	2302.672	2277.385	2236.006	2181.600	2159.378
16.5	2293.477	2265.890	2222.213	2166.274	2142.519
17.0	2281.982	2254.396	2206.887	2149.416	2124.895
17.5	2271.254	2242.902	2192.328	2133.324	2108.037
18.0	2261.293	2230.642	2177.768	2116.466	2089.646
18.5	2249.032	2218.381	2162.443	2098.841	2072.022
19.0	2237.538	2206.121	2147.117	2082.750	2054.397
19.5	2226.810	2193.094	2131.791	2064.359	2034.474
20.0	2213.783	2180.067	2116.466	2045.968	2016.083
20.5	2202.289	2167.807	2101.140	2028.344	1997.692
21.0	2190.029	2154.014	2084.282	2010.719	1978.535
21.5	2177.002	2140.221	2067.424	1992.328	1959.378
22.0	2163.975	2126.427	2051.332	1973.171	1940.221
22.5	2150.948	2111.868	2035.240	1954.014	1921.064
23.0	2137.155	2098.075	2017.616	1934.857	1901.141
23.5	2124.129	2083.516	1999.991	1916.467	1881.218
24.0	2108.803	2068.190	1982.367	1896.543	1862.061
24.5	2095.010	2052.865	1963.976	1877.386	1842.138
25.0	2080.451	2037.539	1947.118	1857.463	1822.214
25.5	2065.891	2022.213	1928.727	1837.540	1801.525
26.0	2051.332	2005.355	1910.336	1818.383	1781.601
26.5	2036.006	1990.030	1891.946	1798.460	1760.912

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CANDELA TABULATION - (Cont.)

27.0	2019.915	1973.171	1873.555	1778.536	1740.989
27.5	2003.823	1957.080	1854.398	1758.613	1720.299
28.0	1986.198	1940.221	1836.007	1738.690	1699.609
28.5	1968.574	1923.363	1817.617	1719.533	1678.920
29.0	1952.482	1906.505	1797.693	1698.843	1658.230
29.5	1936.390	1888.881	1778.536	1678.154	1636.774
30.0	1918.766	1871.256	1760.146	1658.230	1617.617
30.5	1902.674	1854.398	1740.989	1637.541	1596.928
31.0	1885.049	1836.774	1721.832	1616.851	1577.005
31.5	1868.957	1818.383	1701.908	1596.928	1557.081
32.0	1851.333	1799.992	1682.751	1576.238	1536.392
32.5	1833.708	1781.601	1662.828	1554.782	1515.702
33.0	1816.850	1763.211	1643.671	1534.859	1495.779
33.5	1799.226	1745.586	1624.514	1515.702	1475.856
34.0	1780.835	1726.429	1604.591	1495.013	1455.166
34.5	1763.211	1708.039	1585.434	1475.089	1436.009
35.0	1744.820	1689.648	1565.510	1455.166	1414.553
35.5	1727.962	1670.491	1545.587	1435.243	1393.864
36.0	1709.571	1652.100	1526.430	1414.553	1371.642
36.5	1691.180	1632.943	1506.507	1393.864	1352.485
37.0	1673.556	1613.786	1486.584	1372.408	1332.561
37.5	1654.399	1594.629	1468.193	1352.485	1313.404
38.0	1634.476	1576.238	1448.270	1333.328	1293.481
38.5	1616.085	1556.315	1428.346	1314.170	1274.324
39.0	1598.460	1537.158	1406.890	1294.247	1255.167
39.5	1578.537	1518.001	1386.201	1275.090	1236.010
40.0	1560.146	1498.844	1366.278	1256.699	1216.853
40.5	1540.989	1479.687	1347.121	1236.776	1197.696
41.0	1520.300	1460.530	1327.964	1218.385	1178.539
41.5	1501.143	1440.607	1308.040	1199.228	1160.148
42.0	1481.220	1420.683	1289.650	1180.838	1140.991
42.5	1461.296	1399.994	1269.726	1161.681	1122.600
43.0	1442.139	1378.538	1252.102	1143.290	1103.443
43.5	1421.450	1359.381	1232.945	1124.899	1084.286
44.0	1399.994	1340.224	1213.788	1106.509	1065.129
44.5	1377.772	1320.301	1195.397	1088.118	1045.972
45.0	1358.615	1301.144	1176.240	1069.727	1026.049
45.5	1339.458	1281.987	1157.849	1051.336	1006.892
46.0	1319.534	1262.830	1138.692	1032.179	988.501
46.5	1299.611	1243.673	1120.302	1013.789	969.344
47.0	1279.688	1224.516	1102.677	994.632	950.954
47.5	1260.531	1205.359	1084.286	976.241	932.563
48.0	1240.608	1186.202	1065.896	957.084	914.172
48.5	1221.451	1167.811	1047.505	938.693	895.782
49.0	1202.294	1148.654	1029.881	920.302	877.391
49.5	1182.370	1129.497	1011.490	901.912	859.766
50.0	1163.980	1111.106	993.865	884.287	842.908
50.5	1144.823	1091.949	976.241	865.897	825.284
51.0	1125.666	1073.559	958.616	848.272	807.659
51.5	1106.509	1055.168	940.992	830.648	790.801
52.0	1087.352	1036.777	923.368	813.023	773.943
52.5	1068.961	1018.386	905.743	796.165	756.932
53.0	1049.804	1000.762	888.119	778.541	739.844
53.5	1030.647	982.371	870.494	761.606	724.365
54.0	1011.490	963.980	852.870	744.671	707.583
54.5	993.099	945.590	834.479	728.043	691.491

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CANDELA TABULATION - (Cont.)

55.0	973.942	927.965	816.855	711.108	675.859
55.5	955.551	910.341	799.230	694.786	660.227
56.0	936.394	892.716	780.839	678.388	644.442
56.5	918.004	874.326	763.522	662.449	628.580
57.0	898.847	857.468	746.127	646.357	613.407
57.5	881.222	839.843	728.732	630.649	598.082
58.0	862.831	822.219	711.415	615.016	583.292
58.5	843.674	804.594	694.480	599.538	568.273
59.0	826.050	786.970	677.392	584.289	553.408
59.5	807.659	770.112	660.457	569.040	539.001
60.0	790.035	752.794	643.829	554.250	524.902
60.5	771.644	735.935	627.507	539.231	510.572
61.0	753.866	719.001	611.185	524.366	496.626
61.5	736.089	702.143	594.863	509.806	483.063
62.0	718.388	685.284	578.618	495.860	469.347
62.5	701.070	668.809	562.526	481.684	455.707
63.0	683.752	652.411	546.664	467.584	442.527
63.5	666.817	636.166	530.802	453.714	429.653
64.0	649.346	619.844	515.247	440.075	416.397
64.5	632.334	603.752	499.768	426.512	403.600
65.0	615.553	587.584	484.366	413.178	390.956
65.5	598.695	571.568	469.117	399.845	378.313
66.0	582.143	555.936	454.021	386.895	365.822
66.5	565.745	540.151	439.232	373.791	353.638
67.0	549.116	524.366	424.289	360.995	341.531
67.5	532.795	508.810	409.807	348.351	329.347
68.0	516.779	492.948	395.094	335.784	317.470
68.5	500.687	477.009	380.995	323.523	305.669
69.0	484.749	460.764	366.895	311.186	294.022
69.5	468.887	444.979	352.949	299.156	282.681
70.0	452.948	429.117	339.156	287.278	271.033
70.5	437.163	413.255	325.516	275.478	259.999
71.0	421.454	397.623	312.029	263.754	248.811
71.5	406.205	382.221	298.773	252.336	237.623
72.0	391.186	366.972	285.746	240.842	226.666
72.5	375.784	352.106	272.872	229.654	215.861
73.0	360.841	337.163	260.229	218.543	205.363
73.5	345.822	322.297	247.815	207.509	194.712
74.0	331.340	307.968	235.555	196.934	184.520
74.5	316.780	293.639	223.524	186.129	174.329
75.0	302.451	279.386	211.493	175.631	164.290
75.5	288.198	265.593	199.846	165.287	154.635
76.0	274.482	251.800	188.428	155.325	144.980
76.5	260.842	238.466	177.087	145.517	135.708
77.0	247.355	224.980	166.053	135.785	126.819
77.5	234.175	211.876	155.172	126.436	117.931
78.0	221.072	199.003	144.444	117.317	109.272
78.5	208.352	186.359	133.793	108.429	100.842
79.0	195.785	173.869	123.524	99.693	92.567
79.5	183.677	161.532	113.563	91.264	84.367
80.0	171.723	149.501	103.908	83.065	76.475
80.5	159.999	137.701	94.559	74.866	68.582
81.0	148.428	126.053	85.670	66.896	60.919
81.5	137.164	114.789	76.935	59.004	53.103
82.0	126.206	103.908	68.659	51.417	45.364
82.5	115.555	93.333	60.536	43.601	37.165

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CANDELA TABULATION - (Cont.)

83.0	105.210	83.065	52.567	35.632	28.352
83.5	95.172	73.103	44.904	26.820	18.927
84.0	85.440	63.678	37.394	17.854	14.636
84.5	76.092	54.636	29.808	13.640	12.950
85.0	67.050	46.053	21.226	11.954	11.494
85.5	58.391	38.007	12.874	10.498	10.115
86.0	50.038	30.345	10.115	9.042	8.736
86.5	41.916	23.142	8.582	7.663	7.356
87.0	34.329	16.092	7.126	6.360	6.054
87.5	27.050	8.506	5.670	4.981	4.828
88.0	20.230	5.364	4.368	3.755	3.525
88.5	13.946	3.985	3.065	2.605	2.452
89.0	8.506	2.605	1.839	1.533	1.456
89.5	3.831	1.379	0.920	0.766	0.613
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-L12-850-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-4-L12-850-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-4-L12-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	864.48	N.A.	16.70
0-30	1759.86	N.A.	34.10
0-40	2742.25	N.A.	53.10
0-60	4390.57	N.A.	85.00
0-80	5124.58	N.A.	99.20
0-90	5168.29	N.A.	100.00
10-90	4938.14	N.A.	95.50
20-40	1877.76	N.A.	36.30
20-50	2791.93	N.A.	54.00
40-70	2141.81	N.A.	41.40
60-80	734.01	N.A.	14.20
70-80	240.53	N.A.	4.70
80-90	43.71	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	5168.29	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	230.15
10-20	634.33
20-30	895.38
30-40	982.38
40-50	914.17
50-60	734.15
60-70	493.49
70-80	240.53
80-90	43.71
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-L12-850-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	99	107	104	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-L12-850-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

X=2H	Y=2H	22.3	23.8	22.7	24.2	24.5	20.2	21.7	20.6	22.0	22.3
	3H	23.9	25.3	24.3	25.6	26.0	21.4	22.8	21.8	23.2	23.5
	4H	24.5	25.8	24.9	26.1	26.5	21.8	23.1	22.2	23.5	23.8
	6H	24.8	26.0	25.2	26.4	26.8	22.0	23.2	22.4	23.6	24.0
	8H	24.9	26.1	25.4	26.5	26.9	22.0	23.2	22.5	23.5	23.9
	12H	25.0	26.1	25.4	26.5	26.9	22.0	23.1	22.4	23.5	23.9

UGR Viewed Endwise

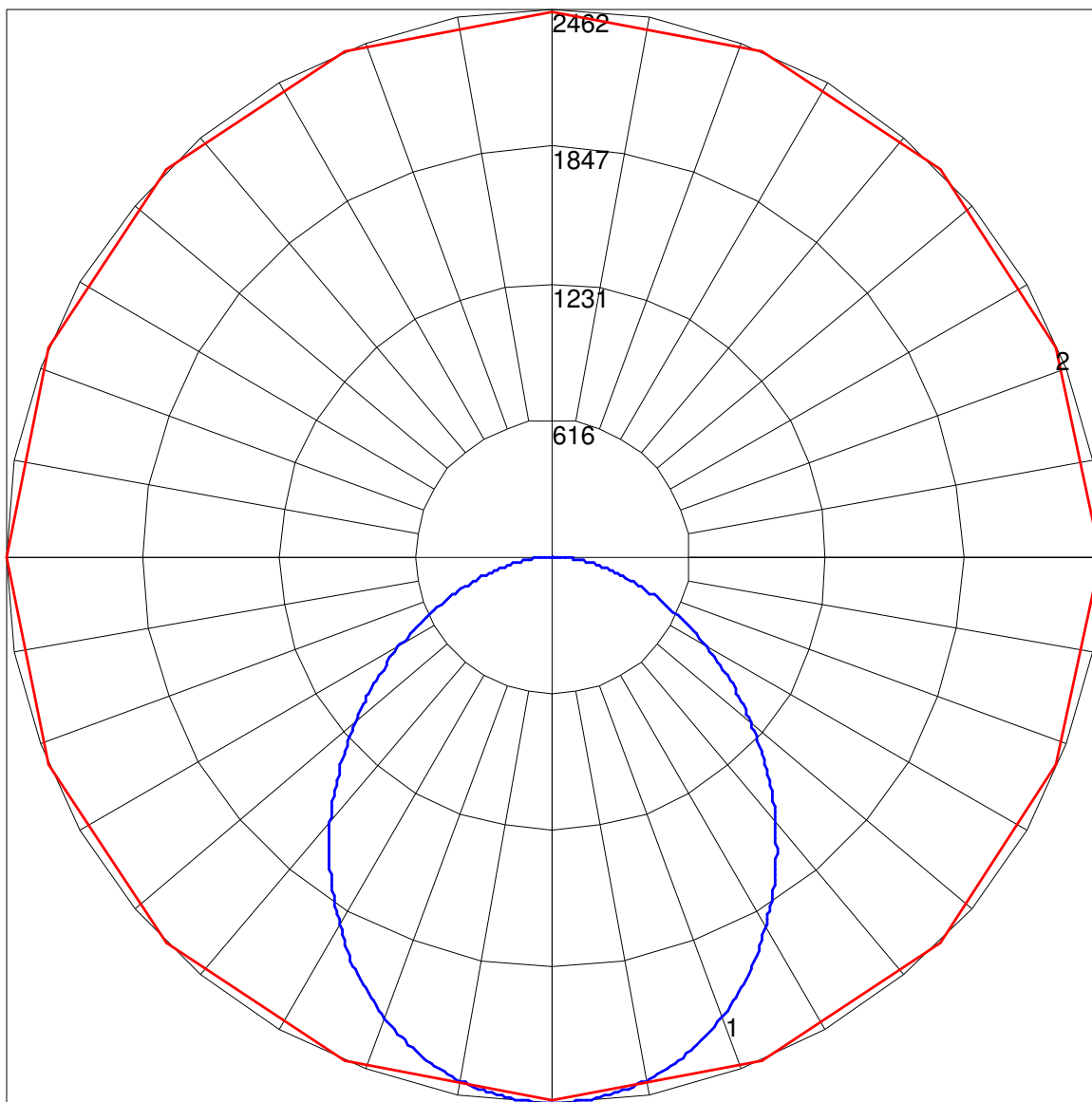
4H	2H	22.6	23.9	23.0	24.3	24.6	20.9	22.2	21.3	22.5	22.9
	3H	24.5	25.5	24.9	25.9	26.3	22.3	23.4	22.7	23.8	24.2
	4H	25.1	26.1	25.6	26.5	27.0	22.8	23.7	23.2	24.2	24.6
	6H	25.6	26.5	26.1	26.9	27.4	23.0	23.9	23.5	24.3	24.8
	8H	25.8	26.5	26.2	27.0	27.5	23.0	23.8	23.5	24.3	24.7
	12H	25.8	26.6	26.3	27.0	27.5	23.0	23.7	23.5	24.2	24.7

8H	4H	25.2	26.0	25.7	26.4	26.9	23.1	23.9	23.5	24.3	24.8
	6H	25.8	26.4	26.3	26.9	27.4	23.4	24.0	23.9	24.5	25.0
	8H	26.0	26.6	26.5	27.1	27.6	23.4	24.0	23.9	24.5	25.0
	12H	26.1	26.6	26.6	27.1	27.7	23.4	23.9	23.9	24.4	25.0

12H	4H	25.2	25.9	25.7	26.4	26.9	23.1	23.8	23.6	24.3	24.8
	6H	25.8	26.4	26.3	26.8	27.4	23.4	24.0	24.0	24.5	25.0
	8H	26.0	26.5	26.5	27.0	27.6	23.5	24.0	24.0	24.5	25.1

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 2462.058 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.)