

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L15-830-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-4-L15-830-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 4' 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	5944
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	51.2
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)	4.00 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	14499	12854	11379
55	12691	10969	9317
65	10798	9023	7496
75	8670	6776	5518
85	5614	3480	2663

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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	2753.260	2753.260	2753.260	2753.260	2753.260
0.5	2766.719	2747.278	2754.008	2751.764	2750.269
1.0	2765.972	2746.530	2753.260	2751.016	2749.521
1.5	2765.224	2745.034	2752.512	2749.521	2748.025
2.0	2763.728	2744.287	2750.269	2746.530	2747.278
2.5	2762.981	2742.791	2748.773	2745.034	2744.287
3.0	2760.737	2740.548	2746.530	2741.296	2740.548
3.5	2759.242	2738.305	2743.539	2738.305	2736.809
4.0	2755.503	2735.313	2740.548	2734.566	2732.322
4.5	2754.008	2732.322	2736.809	2730.079	2727.088
5.0	2750.269	2729.331	2732.322	2725.593	2722.602
5.5	2748.773	2724.845	2727.836	2719.610	2715.872
6.0	2742.043	2721.106	2722.602	2713.628	2709.890
6.5	2738.305	2717.367	2716.619	2706.899	2702.412
7.0	2733.818	2712.133	2711.385	2700.169	2695.682
7.5	2729.331	2706.899	2704.655	2692.691	2687.457
8.0	2724.097	2700.916	2698.673	2684.466	2678.484
8.5	2718.863	2695.682	2691.943	2675.493	2669.510
9.0	2712.881	2689.700	2683.718	2666.519	2660.537
9.5	2706.151	2682.222	2676.240	2656.798	2650.069
10.0	2700.916	2675.493	2667.267	2647.825	2640.348
10.5	2692.691	2668.015	2659.042	2638.104	2629.879
11.0	2685.213	2660.537	2649.321	2626.888	2619.410
11.5	2677.736	2652.312	2639.600	2615.672	2606.698
12.0	2669.510	2644.087	2629.879	2603.707	2594.734
12.5	2659.790	2634.366	2619.410	2591.743	2581.275
13.0	2651.564	2625.392	2608.194	2579.031	2568.563
13.5	2643.339	2615.672	2596.978	2566.319	2555.851
14.0	2632.870	2605.951	2585.761	2552.112	2540.895
14.5	2623.897	2594.734	2573.049	2538.652	2526.688
15.0	2613.428	2584.266	2560.337	2524.445	2511.733
15.5	2602.960	2573.049	2547.625	2509.489	2496.777
16.0	2591.743	2561.833	2534.166	2494.534	2480.327
16.5	2581.275	2550.616	2520.706	2478.831	2464.624
17.0	2569.310	2537.904	2506.498	2463.128	2447.425
17.5	2558.094	2525.192	2493.039	2446.677	2430.227
18.0	2545.382	2513.228	2478.083	2430.227	2413.028
18.5	2534.166	2499.768	2463.128	2413.028	2394.334
19.0	2520.706	2486.309	2447.425	2395.082	2375.640
19.5	2507.994	2472.849	2431.722	2377.883	2356.946
20.0	2494.534	2458.642	2415.271	2359.937	2338.252
20.5	2481.074	2444.434	2398.821	2341.243	2318.810
21.0	2466.867	2430.227	2382.370	2322.549	2298.620
21.5	2453.407	2414.524	2365.171	2303.107	2279.179
22.0	2438.452	2399.568	2347.225	2283.665	2259.737
22.5	2423.497	2383.865	2329.279	2264.223	2238.800
23.0	2409.289	2368.910	2312.080	2243.286	2217.862
23.5	2394.334	2352.459	2293.386	2223.096	2196.925
24.0	2378.631	2336.009	2274.692	2202.907	2175.240
24.5	2362.928	2319.558	2255.250	2181.970	2154.302
25.0	2346.477	2303.107	2236.556	2161.032	2132.617
25.5	2329.279	2285.161	2217.114	2139.347	2109.437
26.0	2312.828	2267.962	2196.177	2117.662	2087.004
26.5	2296.377	2250.016	2176.735	2095.977	2063.823

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CANDELA TABULATION - (Cont.)

27.0	2278.431	2232.070	2155.798	2073.544	2041.390
27.5	2259.737	2213.376	2135.608	2051.111	2018.957
28.0	2242.538	2195.429	2114.671	2027.931	1995.029
28.5	2224.592	2176.735	2094.481	2005.498	1971.848
29.0	2206.646	2158.041	2073.544	1982.317	1949.416
29.5	2185.708	2138.599	2051.859	1959.137	1925.487
30.0	2165.519	2118.410	2030.174	1935.956	1902.307
30.5	2146.825	2098.968	2009.237	1913.523	1878.378
31.0	2127.383	2079.526	1987.551	1890.342	1854.450
31.5	2108.689	2059.337	1965.866	1866.414	1830.521
32.0	2087.752	2039.147	1943.434	1843.233	1807.341
32.5	2068.310	2018.210	1921.748	1819.305	1782.665
33.0	2048.120	1998.020	1898.568	1796.124	1759.484
33.5	2027.931	1977.083	1877.630	1772.196	1734.060
34.0	2008.489	1956.145	1854.450	1749.015	1710.880
34.5	1988.299	1935.956	1832.017	1725.835	1687.699
35.0	1968.110	1914.271	1808.836	1701.906	1663.771
35.5	1947.172	1892.586	1786.403	1679.474	1639.094
36.0	1927.730	1871.648	1763.971	1655.545	1616.661
36.5	1906.793	1849.963	1740.790	1632.364	1592.733
37.0	1885.108	1828.278	1719.105	1609.184	1570.300
37.5	1864.171	1806.593	1696.672	1585.255	1546.372
38.0	1843.233	1784.160	1673.491	1562.075	1522.443
38.5	1821.548	1763.223	1651.059	1538.894	1499.263
39.0	1799.115	1740.790	1628.626	1515.714	1476.082
39.5	1778.178	1719.105	1605.445	1492.533	1452.902
40.0	1756.493	1696.672	1583.012	1470.848	1430.469
40.5	1733.312	1674.987	1559.832	1447.667	1406.540
41.0	1711.627	1652.554	1537.399	1424.487	1381.864
41.5	1689.942	1630.869	1514.966	1401.306	1358.684
42.0	1666.762	1608.436	1492.533	1377.378	1334.755
42.5	1642.833	1585.255	1470.100	1354.945	1311.575
43.0	1620.400	1562.823	1447.667	1330.269	1288.394
43.5	1598.715	1541.138	1425.234	1307.088	1266.709
44.0	1574.787	1518.705	1402.802	1285.403	1244.276
44.5	1552.354	1496.272	1378.125	1262.970	1221.843
45.0	1529.173	1474.587	1355.693	1241.285	1200.158
45.5	1505.993	1451.406	1332.512	1219.600	1177.725
46.0	1483.560	1429.721	1310.827	1197.915	1156.040
46.5	1461.127	1407.288	1289.142	1176.977	1135.103
47.0	1437.946	1384.855	1267.457	1155.292	1113.418
47.5	1414.766	1360.927	1246.519	1134.355	1092.480
48.0	1392.333	1337.746	1225.582	1113.418	1070.795
48.5	1369.152	1316.061	1203.897	1092.480	1049.858
49.0	1344.476	1293.628	1182.960	1071.543	1029.668
49.5	1322.791	1272.691	1162.770	1050.606	1009.479
50.0	1300.358	1251.006	1141.833	1030.416	989.289
50.5	1279.421	1229.321	1120.895	1010.226	969.100
51.0	1256.988	1208.383	1099.958	989.289	948.910
51.5	1235.303	1186.698	1079.768	969.847	929.468
52.0	1214.366	1165.013	1058.831	949.658	910.026
52.5	1192.680	1144.076	1038.641	930.216	891.332
53.0	1170.995	1123.139	1018.452	910.774	872.638
53.5	1149.310	1102.201	999.010	891.332	853.196
54.0	1128.373	1081.264	978.073	872.638	834.502
54.5	1106.688	1061.074	958.631	853.196	815.808

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CANDELA TABULATION - (Cont.)

55.0	1085.750	1040.137	938.441	835.250	797.114
55.5	1064.065	1019.947	919.000	815.808	779.168
56.0	1042.380	999.010	899.558	797.862	761.222
56.5	1021.443	978.820	880.116	779.916	744.397
57.0	999.758	958.631	859.926	761.970	726.675
57.5	978.820	939.189	841.232	744.023	709.402
58.0	957.883	919.000	821.790	726.376	692.428
58.5	936.946	898.810	802.349	708.953	675.453
59.0	916.008	879.368	783.655	691.829	658.629
59.5	895.071	859.926	764.961	674.706	642.253
60.0	874.882	840.485	746.117	657.507	625.952
60.5	854.692	821.043	727.872	640.757	609.650
61.0	834.502	802.349	709.252	624.157	593.648
61.5	815.061	782.907	691.156	607.407	577.870
62.0	794.871	763.465	672.911	591.405	562.616
62.5	775.429	744.995	655.264	575.328	547.063
63.0	755.987	726.526	637.691	559.326	531.808
63.5	736.919	708.056	620.119	543.174	516.404
64.0	718.375	689.736	602.995	527.621	501.599
64.5	699.232	671.416	585.722	512.142	486.868
65.0	680.688	653.469	568.748	496.664	472.511
65.5	662.293	635.299	551.624	481.484	457.855
66.0	643.973	617.278	535.099	466.678	443.498
66.5	625.802	599.481	518.498	451.648	428.991
67.0	607.407	581.834	502.122	436.768	415.083
67.5	589.012	564.186	485.971	422.411	401.174
68.0	571.365	546.838	469.669	407.979	387.116
68.5	553.344	529.640	453.742	393.771	373.582
69.0	535.472	512.441	437.964	379.639	360.122
69.5	518.124	495.318	422.560	365.656	347.036
70.0	500.552	478.269	406.857	351.972	333.801
70.5	483.204	461.519	391.453	338.362	321.014
71.0	465.856	444.918	376.498	325.127	308.078
71.5	448.882	428.169	361.543	311.966	295.590
72.0	431.982	411.867	346.737	298.880	283.103
72.5	415.157	395.716	332.006	286.094	270.989
73.0	398.781	379.788	317.575	273.232	259.100
73.5	382.405	363.637	303.367	260.969	247.210
74.0	366.329	347.784	289.309	248.631	235.395
74.5	350.401	332.231	275.401	236.667	224.179
75.0	334.698	316.902	261.567	224.628	213.037
75.5	319.294	301.872	248.182	213.187	201.971
76.0	304.264	286.991	235.096	201.746	191.278
76.5	289.160	272.111	222.011	190.754	180.809
77.0	274.877	257.604	209.448	179.762	170.415
77.5	260.371	243.322	196.961	169.144	160.245
78.0	245.939	229.264	184.622	158.750	150.599
78.5	231.657	215.355	172.808	148.655	140.804
79.0	218.047	201.971	161.217	138.710	131.382
79.5	204.662	188.361	149.926	128.765	122.184
80.0	191.352	175.350	138.710	119.418	113.286
80.5	178.117	162.414	127.793	110.145	104.462
81.0	165.330	149.852	117.324	101.322	96.087
81.5	152.693	137.663	107.080	92.573	87.787
82.0	140.504	125.325	97.359	84.048	79.562
82.5	128.615	113.660	87.787	75.748	71.710

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CANDELA TABULATION - (Cont.)

83.0	116.875	102.144	78.515	67.672	63.709
83.5	105.285	91.152	69.766	59.746	56.082
84.0	94.218	80.384	61.242	51.969	48.679
84.5	83.301	70.215	53.091	44.567	41.576
85.0	72.982	60.419	45.240	37.612	34.621
85.5	62.962	50.997	37.762	30.509	27.144
86.0	53.540	42.024	31.032	23.181	18.918
86.5	44.193	33.948	24.527	14.656	11.665
87.0	35.593	26.321	17.498	9.272	8.300
87.5	27.592	19.591	10.095	7.104	6.506
88.0	20.190	13.385	6.356	5.459	5.085
88.5	13.908	7.478	4.711	3.963	3.514
89.0	8.749	3.739	3.141	2.542	2.243
89.5	4.337	2.019	1.720	1.271	1.122
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-4-L15-830-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-4-L15-830-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-4-L15-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	977.98	N.A.	16.50
0-30	2004.69	N.A.	33.70
0-40	3135.67	N.A.	52.80
0-60	5025.05	N.A.	84.50
0-80	5882.41	N.A.	99.00
0-90	5943.96	N.A.	100.00
10-90	5685.39	N.A.	95.60
20-40	2157.69	N.A.	36.30
20-50	3206.49	N.A.	53.90
40-70	2459.08	N.A.	41.40
60-80	857.36	N.A.	14.40
70-80	287.65	N.A.	4.80
80-90	61.56	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	5943.96	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	258.57
10-20	719.41
20-30	1026.71
30-40	1130.98
40-50	1048.8
50-60	840.58
60-70	569.71
70-80	287.65
80-90	61.56
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-4-L15-830-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-4-L15-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

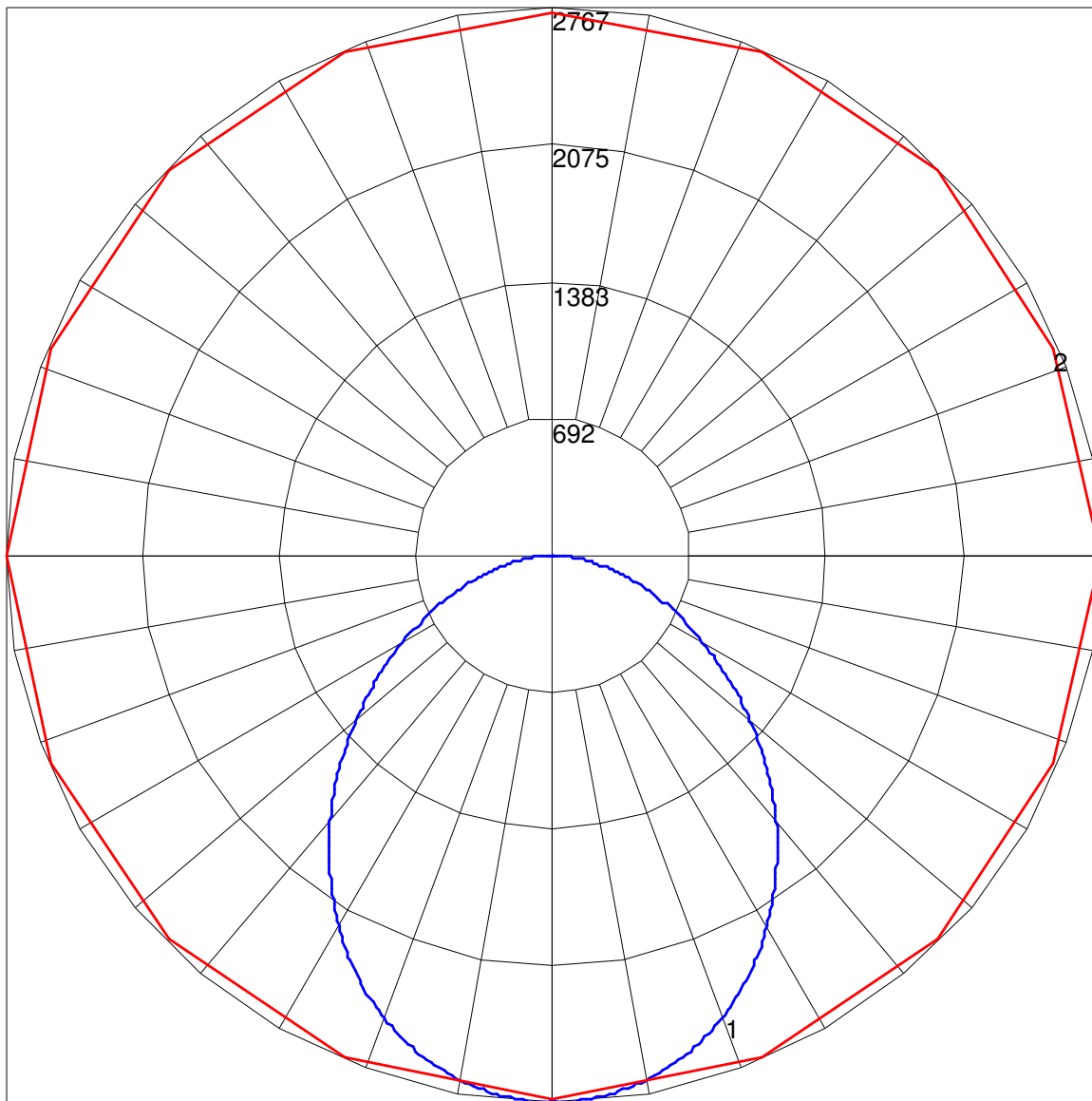
Reflectances

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	20.7	22.3	21.1	22.6	22.9	19.0	20.5	19.4	20.8	21.2
	3H	22.3	23.7	22.7	24.0	24.4	20.3	21.7	20.7	22.0	22.4
	4H	22.9	24.2	23.3	24.5	24.9	20.8	22.1	21.2	22.4	22.8
	6H	23.2	24.4	23.7	24.8	25.2	21.0	22.2	21.4	22.6	23.0
	8H	23.3	24.5	23.8	24.9	25.3	21.1	22.2	21.5	22.6	23.0
	12H	23.4	24.5	23.8	24.9	25.3	21.1	22.2	21.5	22.6	23.0
4H	2H	21.1	22.4	21.5	22.7	23.1	19.7	21.0	20.1	21.3	21.7
	3H	22.9	24.0	23.3	24.4	24.8	21.2	22.3	21.6	22.7	23.1
	4H	23.6	24.5	24.0	25.0	25.4	21.7	22.7	22.2	23.1	23.6
	6H	24.1	24.9	24.5	25.4	25.8	22.1	22.9	22.5	23.4	23.8
	8H	24.2	25.0	24.7	25.5	25.9	22.2	22.9	22.6	23.4	23.9
	12H	24.3	25.0	24.8	25.5	26.0	22.2	22.9	22.7	23.4	23.8
8H	4H	23.7	24.5	24.2	24.9	25.4	22.0	22.8	22.5	23.3	23.7
	6H	24.3	24.9	24.8	25.4	25.9	22.5	23.1	22.9	23.6	24.1
	8H	24.5	25.1	25.0	25.6	26.1	22.6	23.2	23.1	23.7	24.2
	12H	24.6	25.2	25.1	25.6	26.2	22.6	23.2	23.2	23.7	24.2
12H	4H	23.7	24.4	24.2	24.9	25.4	22.1	22.8	22.5	23.2	23.7
	6H	24.3	24.9	24.8	25.3	25.9	22.5	23.1	23.0	23.6	24.1
	8H	24.5	25.0	25.0	25.5	26.1	22.7	23.2	23.2	23.7	24.2

Maximum UGR = 26.2

POLAR GRAPH



Maximum Candela = 2766.719 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.)