

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L15-840-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-4-L15-840-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	6184
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	15085	13373	11839
55	13204	11412	9694
65	11235	9387	7799
75	9020	7049	5741
85	5841	3621	2771

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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	2864.502	2864.502	2864.502	2864.502	2864.502
0.5	2878.506	2858.279	2865.280	2862.947	2861.391
1.0	2877.728	2857.501	2864.502	2862.169	2860.613
1.5	2876.950	2855.945	2863.725	2860.613	2859.057
2.0	2875.394	2855.167	2861.391	2857.501	2858.279
2.5	2874.616	2853.611	2859.835	2855.945	2855.167
3.0	2872.282	2851.277	2857.501	2852.055	2851.277
3.5	2870.726	2848.943	2854.389	2848.943	2847.387
4.0	2866.836	2845.831	2851.277	2845.053	2842.719
4.5	2865.280	2842.719	2847.387	2840.385	2837.273
5.0	2861.391	2839.607	2842.719	2835.717	2832.606
5.5	2859.835	2834.939	2838.051	2829.494	2825.604
6.0	2852.833	2831.050	2832.606	2823.270	2819.380
6.5	2848.943	2827.160	2826.382	2816.268	2811.600
7.0	2844.275	2821.714	2820.936	2809.266	2804.598
7.5	2839.607	2816.268	2813.934	2801.487	2796.041
8.0	2834.161	2810.044	2807.710	2792.929	2786.705
8.5	2828.716	2804.598	2800.709	2783.593	2777.369
9.0	2822.492	2798.375	2792.151	2774.257	2768.034
9.5	2815.490	2790.595	2784.371	2764.144	2757.142
10.0	2810.044	2783.593	2775.035	2754.808	2747.028
10.5	2801.487	2775.813	2766.478	2744.694	2736.137
11.0	2793.707	2768.034	2756.364	2733.025	2725.245
11.5	2785.927	2759.476	2746.250	2721.355	2712.019
12.0	2777.369	2750.918	2736.137	2708.908	2699.572
12.5	2767.256	2740.805	2725.245	2696.460	2685.568
13.0	2758.698	2731.469	2713.575	2683.234	2672.343
13.5	2750.140	2721.355	2701.906	2670.009	2659.117
14.0	2739.249	2711.242	2690.236	2655.227	2643.558
14.5	2729.913	2699.572	2677.011	2641.224	2628.776
15.0	2719.021	2688.680	2663.785	2626.442	2613.217
15.5	2708.130	2677.011	2650.559	2610.883	2597.657
16.0	2696.460	2665.341	2636.556	2595.323	2580.542
16.5	2685.568	2653.671	2622.552	2578.986	2564.204
17.0	2673.121	2640.446	2607.771	2562.648	2546.311
17.5	2661.451	2627.220	2593.767	2545.533	2528.417
18.0	2648.226	2614.773	2578.208	2528.417	2510.524
18.5	2636.556	2600.769	2562.648	2510.524	2491.075
19.0	2622.552	2586.766	2546.311	2491.853	2471.625
19.5	2609.327	2572.762	2529.973	2473.959	2452.176
20.0	2595.323	2557.981	2512.858	2455.288	2432.727
20.5	2581.320	2543.199	2495.743	2435.838	2412.499
21.0	2566.538	2528.417	2478.627	2416.389	2391.494
21.5	2552.535	2512.080	2460.734	2396.162	2371.267
22.0	2536.975	2496.521	2442.062	2375.934	2351.039
22.5	2521.416	2480.183	2423.391	2355.707	2329.256
23.0	2506.634	2464.624	2405.497	2333.924	2307.473
23.5	2491.075	2447.508	2386.048	2312.919	2285.689
24.0	2474.737	2430.393	2366.599	2291.913	2263.128
24.5	2458.400	2413.277	2346.371	2270.130	2241.345
25.0	2441.284	2396.162	2326.922	2248.347	2218.784
25.5	2423.391	2377.490	2306.695	2225.785	2194.666
26.0	2406.275	2359.597	2284.911	2203.224	2171.327
26.5	2389.160	2340.926	2264.684	2180.663	2147.210

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CANDELA TABULATION - (Cont.)

27.0	2370.489	2322.254	2242.901	2157.324	2123.871
27.5	2351.039	2302.805	2221.895	2133.984	2100.531
28.0	2333.146	2284.133	2200.112	2109.867	2075.636
28.5	2314.474	2264.684	2179.107	2086.528	2051.519
29.0	2295.803	2245.235	2157.324	2062.411	2028.180
29.5	2274.020	2225.007	2134.762	2038.293	2003.285
30.0	2253.014	2204.002	2112.201	2014.176	1979.167
30.5	2233.565	2183.775	2090.418	1990.837	1954.272
31.0	2213.338	2163.547	2067.857	1966.720	1929.377
31.5	2193.888	2142.542	2045.295	1941.825	1904.482
32.0	2172.105	2121.537	2021.956	1917.707	1880.365
32.5	2151.878	2099.753	1999.395	1892.812	1854.691
33.0	2130.872	2078.748	1975.278	1868.695	1830.574
33.5	2109.867	2056.965	1953.494	1843.800	1804.123
34.0	2089.640	2035.182	1929.377	1819.683	1780.006
34.5	2068.634	2014.176	1906.038	1795.565	1755.889
35.0	2047.629	1991.615	1881.921	1770.670	1730.993
35.5	2025.846	1969.054	1858.581	1747.331	1705.320
36.0	2005.619	1947.270	1835.242	1722.436	1681.981
36.5	1983.835	1924.709	1811.125	1698.319	1657.086
37.0	1961.274	1902.148	1788.564	1674.201	1633.747
37.5	1939.491	1879.587	1765.224	1649.306	1608.851
38.0	1917.707	1856.247	1741.107	1625.189	1583.956
38.5	1895.146	1834.464	1717.768	1601.072	1559.839
39.0	1871.807	1811.125	1694.429	1576.955	1535.722
39.5	1850.024	1788.564	1670.311	1552.837	1511.605
40.0	1827.462	1765.224	1646.972	1530.276	1488.265
40.5	1803.345	1742.663	1622.855	1506.159	1463.370
41.0	1780.784	1719.324	1599.516	1482.042	1437.697
41.5	1758.223	1696.763	1576.177	1457.924	1413.580
42.0	1734.105	1673.423	1552.837	1433.029	1388.685
42.5	1709.210	1649.306	1529.498	1409.690	1364.567
43.0	1685.871	1625.967	1506.159	1384.017	1340.450
43.5	1663.310	1603.406	1482.820	1359.900	1317.889
44.0	1638.415	1580.066	1459.480	1337.338	1294.550
44.5	1615.075	1556.727	1433.807	1313.999	1271.211
45.0	1590.958	1534.166	1410.468	1291.438	1248.649
45.5	1566.841	1510.049	1386.351	1268.877	1225.310
46.0	1543.502	1487.487	1363.789	1246.315	1202.749
46.5	1520.162	1464.148	1341.228	1224.532	1180.965
47.0	1496.045	1440.809	1318.667	1201.971	1158.404
47.5	1471.928	1415.914	1296.884	1180.187	1136.621
48.0	1448.589	1391.797	1275.100	1158.404	1114.060
48.5	1424.472	1369.235	1252.539	1136.621	1092.276
49.0	1398.798	1345.896	1230.756	1114.838	1071.271
49.5	1376.237	1324.113	1209.751	1093.054	1050.266
50.0	1352.898	1301.552	1187.967	1072.049	1029.260
50.5	1331.115	1278.990	1166.184	1051.044	1008.255
51.0	1307.775	1257.207	1144.401	1029.260	987.250
51.5	1285.214	1234.646	1123.395	1009.033	967.022
52.0	1263.431	1212.084	1101.612	988.028	946.795
52.5	1240.869	1190.301	1080.607	967.800	927.346
53.0	1218.308	1168.518	1059.601	947.573	907.896
53.5	1195.747	1146.735	1039.374	927.346	887.669
54.0	1173.964	1124.951	1017.591	907.896	868.220
54.5	1151.402	1103.946	997.363	887.669	848.770

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55.0	1129.619	1082.163	976.358	868.998	829.321
55.5	1107.058	1061.157	956.131	848.770	810.650
56.0	1084.497	1039.374	935.903	830.099	791.978
56.5	1062.713	1018.369	915.676	811.428	774.474
57.0	1040.152	997.363	894.671	792.756	756.036
57.5	1018.369	977.136	875.221	774.085	738.065
58.0	996.585	956.131	854.994	755.725	720.404
58.5	974.802	935.125	834.767	737.598	702.744
59.0	953.019	914.898	815.317	719.782	685.240
59.5	931.236	894.671	795.868	701.966	668.202
60.0	910.230	874.443	776.263	684.073	651.243
60.5	889.225	854.216	757.280	666.646	634.283
61.0	868.220	834.767	737.909	649.375	617.634
61.5	847.992	814.539	719.082	631.949	601.219
62.0	826.987	794.312	700.099	615.300	585.348
62.5	806.760	775.096	681.739	598.574	569.166
63.0	786.532	755.880	663.457	581.925	553.296
63.5	766.694	736.664	645.174	565.121	537.269
64.0	747.400	717.604	627.359	548.939	521.865
64.5	727.484	698.543	609.388	532.835	506.539
65.0	708.190	679.872	591.727	516.731	491.602
65.5	689.052	660.967	573.912	500.938	476.354
66.0	669.992	642.218	556.719	485.534	461.417
66.5	651.087	623.702	539.448	469.897	446.324
67.0	631.949	605.342	522.410	454.415	431.854
67.5	612.811	586.982	505.606	439.478	417.383
68.0	594.450	568.933	488.646	424.463	402.757
68.5	575.701	551.039	472.075	409.681	388.676
69.0	557.108	533.146	455.660	394.978	374.673
69.5	539.059	515.330	439.633	380.430	361.058
70.0	520.776	497.593	423.296	366.193	347.288
70.5	502.727	480.166	407.270	352.034	333.984
71.0	484.678	462.895	391.710	338.263	320.526
71.5	467.018	445.468	376.151	324.571	307.533
72.0	449.436	428.508	360.747	310.956	294.541
72.5	431.932	411.704	345.421	297.653	281.938
73.0	414.894	395.133	330.406	284.272	269.568
73.5	397.856	378.329	315.624	271.513	257.198
74.0	381.130	361.836	300.998	258.677	244.906
74.5	364.559	345.654	286.528	246.229	233.237
75.0	348.221	329.706	272.136	233.704	221.645
75.5	332.195	314.068	258.210	221.801	210.131
76.0	316.558	298.587	244.595	209.898	199.006
76.5	300.843	283.105	230.981	198.461	188.114
77.0	285.983	268.012	217.911	187.025	177.300
77.5	270.891	253.153	204.919	175.978	166.720
78.0	255.876	238.527	192.082	165.164	156.684
78.5	241.017	224.057	179.790	154.661	146.493
79.0	226.857	210.131	167.731	144.314	136.690
79.5	212.932	195.972	155.984	133.967	127.121
80.0	199.084	182.435	144.314	124.243	117.863
80.5	185.314	168.976	132.956	114.596	108.683
81.0	172.010	155.906	122.064	105.416	99.970
81.5	158.862	143.225	111.406	96.313	91.334
82.0	146.181	130.389	101.292	87.444	82.776
82.5	133.812	118.252	91.334	78.809	74.608

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CANDELA TABULATION - (Cont.)

83.0	121.597	106.271	81.687	70.407	66.283
83.5	109.539	94.835	72.585	62.160	58.348
84.0	98.025	83.632	63.716	54.069	50.646
84.5	86.666	73.052	55.236	46.367	43.255
85.0	75.930	62.860	47.067	39.132	36.020
85.5	65.505	53.058	39.288	31.741	28.240
86.0	55.703	43.722	32.286	24.117	19.683
86.5	45.978	35.320	25.518	15.248	12.136
87.0	37.032	27.385	18.205	9.647	8.636
87.5	28.707	20.383	10.503	7.391	6.768
88.0	21.005	13.926	6.613	5.679	5.290
88.5	14.470	7.780	4.901	4.123	3.656
89.0	9.102	3.890	3.267	2.645	2.334
89.5	4.512	2.101	1.789	1.323	1.167
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-L15-840-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-L15-840-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-L15-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1017.5	N.A.	16.50
0-30	2085.69	N.A.	33.70
0-40	3262.37	N.A.	52.80
0-60	5228.08	N.A.	84.50
0-80	6120.08	N.A.	99.00
0-90	6184.12	N.A.	100.00
10-90	5915.1	N.A.	95.60
20-40	2244.87	N.A.	36.30
20-50	3336.04	N.A.	53.90
40-70	2558.44	N.A.	41.40
60-80	892.00	N.A.	14.40
70-80	299.27	N.A.	4.80
80-90	64.05	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	6184.12	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	269.02
10-20	748.48
20-30	1068.19
30-40	1176.68
40-50	1091.17
50-60	874.54
60-70	592.73
70-80	299.27
80-90	64.05
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-L15-840-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-4-L15-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

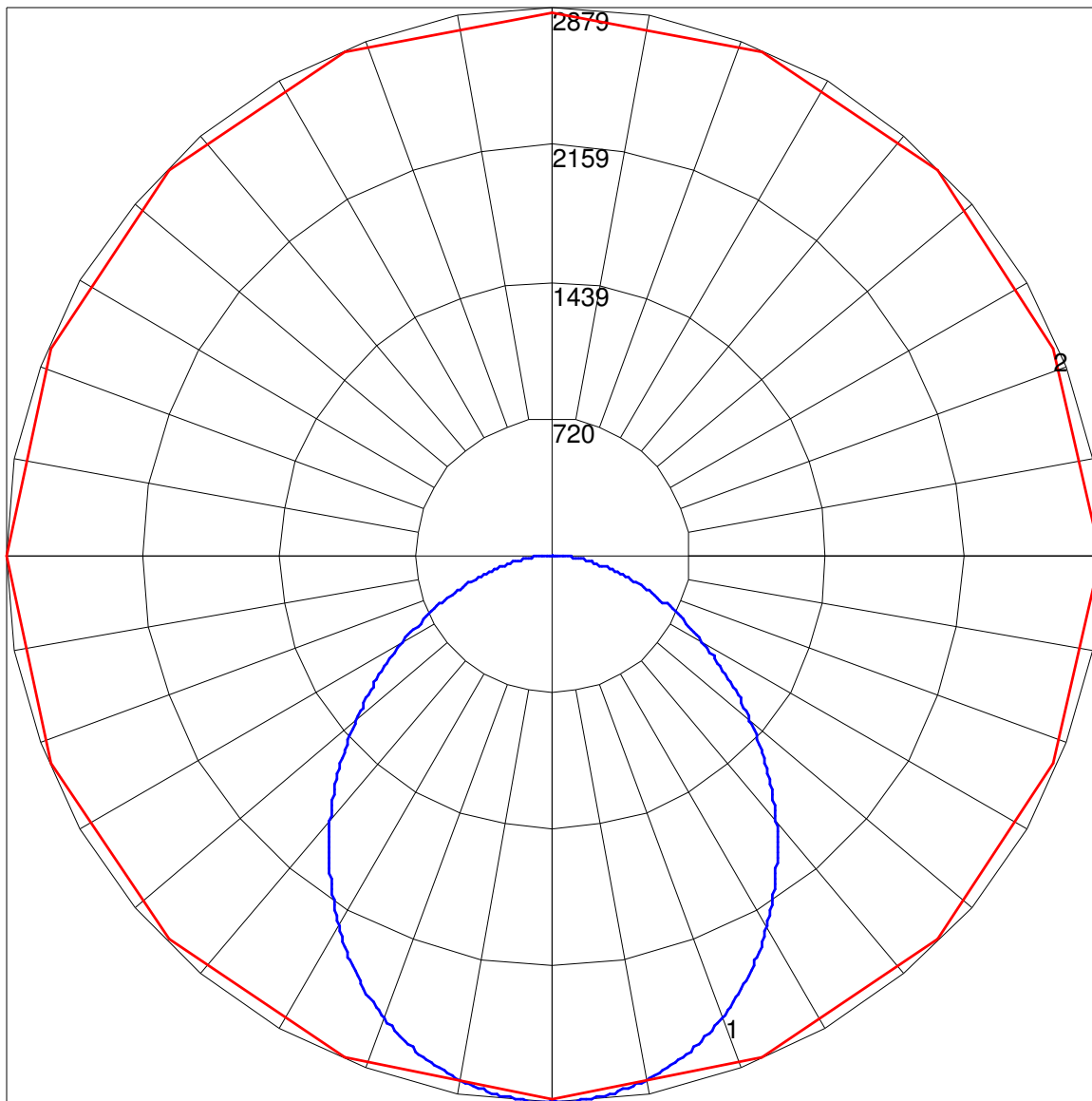
Reflectances

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	20.8	22.4	21.2	22.7	23.0	19.1	20.6	19.5	20.9	21.3
	3H	22.4	23.8	22.8	24.1	24.5	20.4	21.8	20.8	22.1	22.5
	4H	23.0	24.3	23.4	24.6	25.0	20.9	22.2	21.3	22.5	22.9
	6H	23.3	24.5	23.8	24.9	25.3	21.1	22.3	21.5	22.7	23.1
	8H	23.4	24.6	23.9	25.0	25.4	21.2	22.3	21.6	22.7	23.1
	12H	23.5	24.6	23.9	25.0	25.4	21.2	22.3	21.6	22.7	23.1
4H	2H	21.2	22.5	21.6	22.8	23.2	19.8	21.1	20.2	21.4	21.8
	3H	23.0	24.1	23.4	24.5	24.9	21.3	22.4	21.7	22.8	23.2
	4H	23.7	24.6	24.1	25.1	25.5	21.8	22.8	22.3	23.2	23.7
	6H	24.2	25.0	24.6	25.5	25.9	22.2	23.0	22.6	23.5	23.9
	8H	24.3	25.1	24.8	25.6	26.0	22.3	23.0	22.7	23.5	24.0
	12H	24.4	25.1	24.9	25.6	26.1	22.3	23.0	22.8	23.5	23.9
8H	4H	23.8	24.6	24.3	25.0	25.5	22.1	22.9	22.6	23.4	23.8
	6H	24.4	25.0	24.9	25.5	26.0	22.6	23.2	23.0	23.7	24.2
	8H	24.6	25.2	25.1	25.7	26.2	22.7	23.3	23.2	23.8	24.3
	12H	24.7	25.3	25.2	25.7	26.3	22.7	23.3	23.3	23.8	24.3
12H	4H	23.8	24.5	24.3	25.0	25.5	22.2	22.9	22.6	23.3	23.8
	6H	24.4	25.0	24.9	25.5	26.0	22.6	23.2	23.1	23.7	24.2
	8H	24.6	25.1	25.1	25.6	26.2	22.8	23.3	23.3	23.8	24.3

Maximum UGR = 26.3

POLAR GRAPH



Maximum Candela = 2878.506 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.)