

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L15-850-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-L15-850-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	6364
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
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	15524	13763	12184
55	13588	11745	9976
65	11562	9661	8026
75	9283	7255	5909
85	6011	3726	2852

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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	2947.934	2947.934	2947.934	2947.934	2947.934
0.5	2962.346	2941.529	2948.735	2946.333	2944.732
1.0	2961.545	2940.729	2947.934	2945.533	2943.931
1.5	2960.745	2939.128	2947.134	2943.931	2942.330
2.0	2959.143	2938.327	2944.732	2940.729	2941.529
2.5	2958.343	2936.726	2943.131	2939.128	2938.327
3.0	2955.941	2934.324	2940.729	2935.124	2934.324
3.5	2954.340	2931.922	2937.526	2931.922	2930.321
4.0	2950.336	2928.719	2934.324	2927.919	2925.517
4.5	2948.735	2925.517	2930.321	2923.115	2919.912
5.0	2944.732	2922.314	2925.517	2918.311	2915.108
5.5	2943.131	2917.510	2920.713	2911.906	2907.903
6.0	2935.925	2913.507	2915.108	2905.501	2901.498
6.5	2931.922	2909.504	2908.703	2898.295	2893.491
7.0	2927.118	2903.900	2903.099	2891.089	2886.286
7.5	2922.314	2898.295	2895.893	2883.083	2877.479
8.0	2916.710	2891.890	2889.488	2874.276	2867.871
8.5	2911.105	2886.286	2882.282	2864.669	2858.263
9.0	2904.700	2879.881	2873.476	2855.061	2848.656
9.5	2897.495	2871.874	2865.469	2844.653	2837.447
10.0	2891.890	2864.669	2855.862	2835.045	2827.039
10.5	2883.083	2856.662	2847.055	2824.637	2815.830
11.0	2875.077	2848.656	2836.646	2812.627	2804.621
11.5	2867.070	2839.849	2826.238	2800.618	2791.010
12.0	2858.263	2831.042	2815.830	2787.808	2778.200
12.5	2847.855	2820.634	2804.621	2774.998	2763.789
13.0	2839.048	2811.026	2792.611	2761.387	2750.178
13.5	2830.241	2800.618	2780.602	2747.776	2736.567
14.0	2819.032	2790.210	2768.592	2732.564	2720.554
14.5	2809.425	2778.200	2754.982	2718.153	2705.342
15.0	2798.216	2766.991	2741.371	2702.940	2689.330
15.5	2787.007	2754.982	2727.760	2686.928	2673.317
16.0	2774.998	2742.972	2713.349	2670.915	2655.703
16.5	2763.789	2730.963	2698.937	2654.102	2638.890
17.0	2750.979	2717.352	2683.725	2637.288	2620.475
17.5	2738.969	2703.741	2669.314	2619.675	2602.061
18.0	2725.358	2690.931	2653.301	2602.061	2583.646
18.5	2713.349	2676.520	2637.288	2583.646	2563.630
19.0	2698.937	2662.108	2620.475	2564.431	2543.614
19.5	2685.327	2647.697	2603.662	2546.016	2523.598
20.0	2670.915	2632.485	2586.048	2526.801	2503.583
20.5	2656.504	2617.273	2568.434	2506.785	2482.766
21.0	2641.292	2602.061	2550.820	2486.769	2461.149
21.5	2626.880	2585.247	2532.405	2465.953	2440.333
22.0	2610.868	2569.235	2513.190	2445.136	2419.516
22.5	2594.855	2552.421	2493.975	2424.320	2397.098
23.0	2579.643	2536.409	2475.560	2401.902	2374.681
23.5	2563.630	2518.795	2455.545	2380.285	2352.263
24.0	2546.817	2501.181	2435.529	2358.668	2329.044
24.5	2530.004	2483.567	2414.712	2336.250	2306.627
25.0	2512.390	2465.953	2394.696	2313.832	2283.408
25.5	2493.975	2446.738	2373.880	2290.614	2258.589
26.0	2476.361	2428.323	2351.462	2267.396	2234.570
26.5	2458.747	2409.108	2330.646	2244.177	2209.750

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CANDELA TABULATION - (Cont.)

27.0	2439.532	2389.893	2308.228	2220.158	2185.731
27.5	2419.516	2369.877	2286.611	2196.139	2161.712
28.0	2401.101	2350.662	2264.193	2171.319	2136.092
28.5	2381.886	2330.646	2242.576	2147.300	2111.272
29.0	2362.671	2310.630	2220.158	2122.481	2087.253
29.5	2340.253	2289.813	2196.940	2097.661	2061.633
30.0	2318.636	2268.196	2173.721	2072.841	2036.813
30.5	2298.620	2247.380	2151.304	2048.822	2011.193
31.0	2277.804	2226.563	2128.085	2024.003	1985.572
31.5	2257.788	2204.946	2104.867	1998.383	1959.952
32.0	2235.370	2183.329	2080.848	1973.563	1935.132
32.5	2214.554	2160.911	2057.629	1947.943	1908.712
33.0	2192.937	2139.294	2032.810	1923.123	1883.892
33.5	2171.319	2116.876	2010.392	1897.503	1856.670
34.0	2150.503	2094.459	1985.572	1872.683	1831.851
34.5	2128.886	2072.841	1961.553	1847.863	1807.031
35.0	2107.269	2049.623	1936.734	1822.243	1781.411
35.5	2084.851	2026.405	1912.715	1798.224	1754.990
36.0	2064.035	2003.987	1888.696	1772.604	1730.971
36.5	2041.617	1980.769	1863.876	1747.784	1705.350
37.0	2018.398	1957.550	1840.658	1722.964	1681.331
37.5	1995.981	1934.332	1816.639	1697.344	1655.711
38.0	1973.563	1910.313	1791.819	1672.524	1630.091
38.5	1950.344	1887.895	1767.800	1647.705	1605.271
39.0	1926.325	1863.876	1743.781	1622.885	1580.452
39.5	1903.908	1840.658	1718.961	1598.066	1555.632
40.0	1880.689	1816.639	1694.942	1574.847	1531.613
40.5	1855.870	1793.420	1670.123	1550.027	1505.993
41.0	1832.651	1769.401	1646.104	1525.208	1479.572
41.5	1809.433	1746.183	1622.085	1500.388	1454.752
42.0	1784.613	1722.164	1598.066	1474.768	1429.132
42.5	1758.993	1697.344	1574.046	1450.749	1404.312
43.0	1734.974	1673.325	1550.027	1424.328	1379.492
43.5	1711.756	1650.107	1526.008	1399.508	1356.274
44.0	1686.135	1626.088	1501.989	1376.290	1332.255
44.5	1662.116	1602.069	1475.569	1352.271	1308.236
45.0	1637.297	1578.850	1451.549	1329.052	1285.018
45.5	1612.477	1554.031	1426.730	1305.834	1260.999
46.0	1588.458	1530.812	1403.511	1282.616	1237.780
46.5	1564.439	1506.793	1380.293	1260.198	1215.362
47.0	1539.619	1482.774	1357.075	1236.980	1192.144
47.5	1514.800	1457.154	1334.657	1214.562	1169.726
48.0	1490.781	1432.334	1312.239	1192.144	1146.508
48.5	1465.961	1409.116	1289.021	1169.726	1124.090
49.0	1439.540	1385.097	1266.603	1147.309	1102.473
49.5	1416.322	1362.679	1244.986	1124.891	1080.856
50.0	1392.303	1339.461	1222.568	1103.274	1059.239
50.5	1369.885	1316.242	1200.150	1081.657	1037.622
51.0	1345.866	1293.825	1177.733	1059.239	1016.005
51.5	1322.647	1270.606	1156.116	1038.422	995.188
52.0	1300.230	1247.388	1133.698	1016.805	974.372
52.5	1277.011	1224.970	1112.081	995.989	954.356
53.0	1253.793	1202.552	1090.464	975.172	934.340
53.5	1230.574	1180.135	1069.647	954.356	913.523
54.0	1208.157	1157.717	1047.229	934.340	893.508
54.5	1184.938	1136.100	1026.413	913.523	873.492

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CANDELA TABULATION - (Cont.)

55.0	1162.521	1113.682	1004.796	894.308	853.476
55.5	1139.302	1092.065	983.979	873.492	834.261
56.0	1116.084	1069.647	963.163	854.277	815.045
56.5	1093.666	1048.030	942.346	835.061	797.031
57.0	1070.448	1026.413	920.729	815.846	778.056
57.5	1048.030	1005.596	900.713	796.631	759.562
58.0	1025.612	983.979	879.897	777.736	741.387
58.5	1003.194	962.362	859.080	759.081	723.213
59.0	980.777	941.546	839.064	740.747	705.198
59.5	958.359	920.729	819.049	722.412	687.665
60.0	936.742	899.913	798.873	703.997	670.211
60.5	915.125	879.096	779.337	686.063	652.757
61.0	893.508	859.080	759.401	668.289	635.623
61.5	872.691	838.264	740.026	650.355	618.730
62.0	851.074	817.447	720.491	633.221	602.397
62.5	830.257	797.672	701.596	616.008	585.744
63.0	809.441	777.896	682.781	598.874	569.411
63.5	789.025	758.120	663.966	581.581	552.918
64.0	769.169	738.505	645.631	564.927	537.065
64.5	748.673	718.889	627.137	548.354	521.293
65.0	728.817	699.674	608.962	531.781	505.921
65.5	709.122	680.219	590.628	515.528	490.228
66.0	689.506	660.923	572.934	499.676	474.856
66.5	670.051	641.868	555.160	483.583	459.324
67.0	650.355	622.973	537.626	467.650	444.432
67.5	630.659	604.078	520.332	452.278	429.540
68.0	611.764	585.504	502.878	436.826	414.488
68.5	592.469	567.089	485.825	421.614	399.997
69.0	573.334	548.674	468.931	406.482	385.585
69.5	554.759	530.340	452.438	391.510	371.574
70.0	535.944	512.086	435.625	376.858	357.403
70.5	517.370	494.151	419.132	362.287	343.712
71.0	498.795	476.377	403.119	348.116	329.861
71.5	480.621	458.443	387.107	334.025	316.491
72.0	462.526	440.989	371.254	320.013	303.120
72.5	444.512	423.696	355.482	306.323	290.150
73.0	426.978	406.642	340.029	292.552	277.420
73.5	409.444	389.348	324.817	279.421	264.690
74.0	392.231	372.375	309.765	266.211	252.040
74.5	375.177	355.722	294.874	253.401	240.030
75.0	358.364	339.309	280.062	240.510	228.101
75.5	341.871	323.216	265.730	228.261	216.251
76.0	325.778	307.283	251.719	216.011	204.802
76.5	309.605	291.351	237.708	204.242	193.593
77.0	294.313	275.818	224.258	192.472	182.464
77.5	278.781	260.526	210.887	181.103	171.576
78.0	263.329	245.474	197.677	169.975	161.248
78.5	248.036	230.583	185.027	159.166	150.759
79.0	233.465	216.251	172.617	148.518	140.671
79.5	219.134	201.680	160.527	137.869	130.824
80.0	204.882	187.749	148.518	127.861	121.296
80.5	190.711	173.898	136.828	117.933	111.849
81.0	177.020	160.447	125.619	108.486	102.881
81.5	163.489	147.397	114.651	99.118	93.994
82.0	150.439	134.186	104.243	89.991	85.187
82.5	137.709	121.696	93.994	81.104	76.781

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CANDELA TABULATION - (Cont.)

83.0	125.139	109.367	84.067	72.457	68.214
83.5	112.729	97.597	74.699	63.971	60.048
84.0	100.880	86.068	65.572	55.644	52.121
84.5	89.191	75.180	56.845	47.718	44.515
85.0	78.142	64.691	48.438	40.272	37.069
85.5	67.413	54.603	40.432	32.666	29.063
86.0	57.325	44.996	33.226	24.820	20.256
86.5	47.317	36.349	26.261	15.692	12.490
87.0	38.110	28.182	18.735	9.928	8.887
87.5	29.543	20.977	10.809	7.606	6.966
88.0	21.617	14.331	6.805	5.845	5.444
88.5	14.892	8.006	5.044	4.243	3.763
89.0	9.367	4.003	3.363	2.722	2.402
89.5	4.644	2.162	1.841	1.361	1.201
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-L15-850-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 : LRX4X-4-L15-850-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 : LRX4X-4-L15-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1047.13	N.A.	16.50
0-30	2146.43	N.A.	33.70
0-40	3357.39	N.A.	52.80
0-60	5380.35	N.A.	84.50
0-80	6298.33	N.A.	99.00
0-90	6364.24	N.A.	100.00
10-90	6087.39	N.A.	95.60
20-40	2310.26	N.A.	36.30
20-50	3433.21	N.A.	53.90
40-70	2632.96	N.A.	41.40
60-80	917.98	N.A.	14.40
70-80	307.99	N.A.	4.80
80-90	65.91	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	6364.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	276.86
10-20	770.28
20-30	1099.3
30-40	1210.95
40-50	1122.95
50-60	900.01
60-70	609.99
70-80	307.99
80-90	65.91
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-L15-850-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	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-L15-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

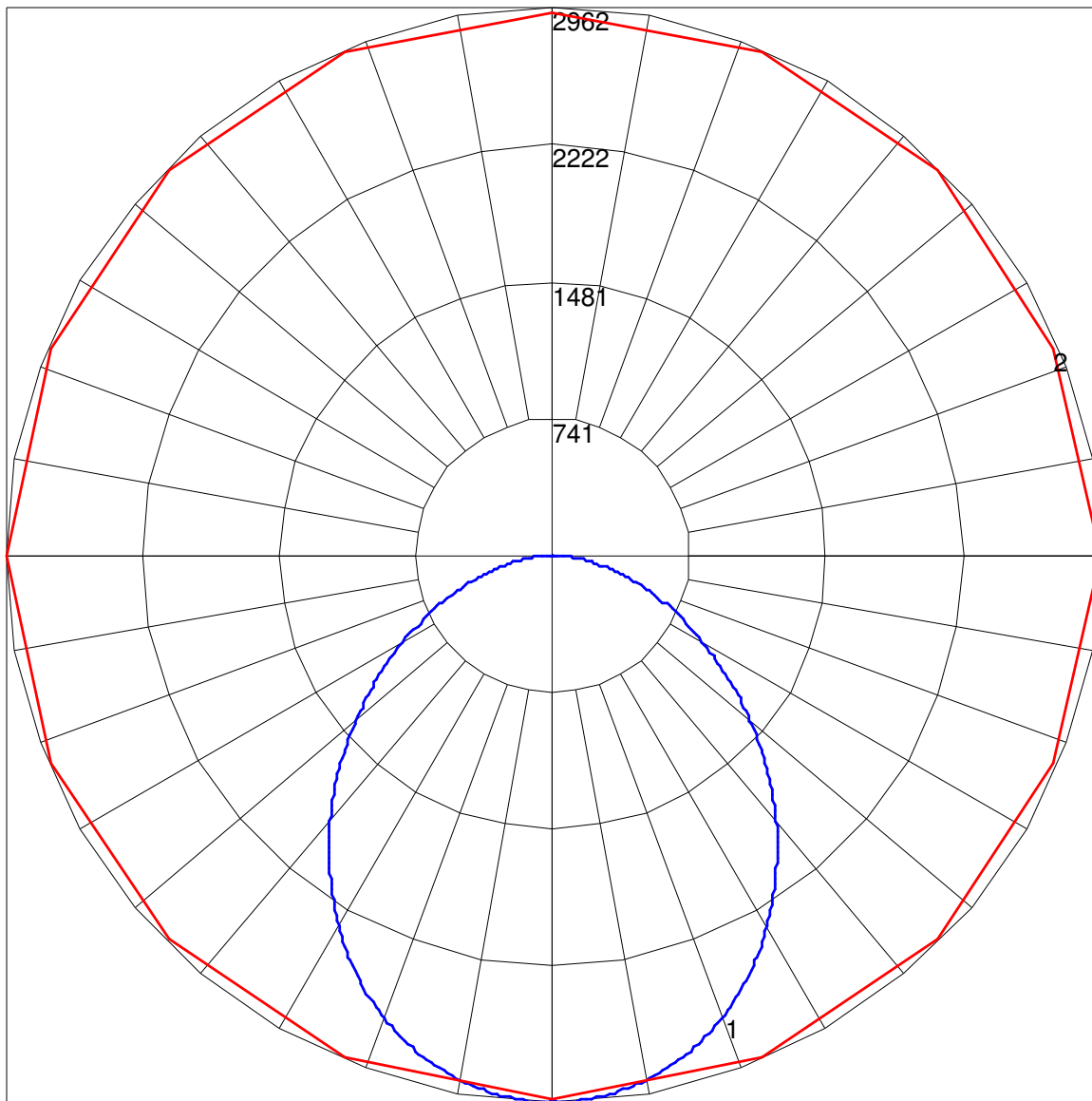
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	20.9	22.5	21.3	22.8	23.1	19.2	20.7	19.6	21.0	21.4
	3H	22.5	23.9	22.9	24.2	24.6	20.5	21.9	20.9	22.2	22.6
	4H	23.1	24.4	23.5	24.7	25.1	21.0	22.3	21.4	22.6	23.0
	6H	23.4	24.6	23.9	25.0	25.4	21.2	22.4	21.6	22.8	23.2
	8H	23.5	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
	12H	23.6	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
4H	2H	21.3	22.6	21.7	22.9	23.3	19.9	21.2	20.3	21.5	21.9
	3H	23.1	24.2	23.5	24.6	25.0	21.4	22.5	21.8	22.9	23.3
	4H	23.8	24.7	24.2	25.2	25.6	21.9	22.9	22.4	23.3	23.8
	6H	24.3	25.1	24.7	25.6	26.0	22.3	23.1	22.7	23.6	24.0
	8H	24.4	25.2	24.9	25.7	26.1	22.4	23.1	22.8	23.6	24.1
	12H	24.5	25.2	25.0	25.7	26.2	22.4	23.1	22.9	23.6	24.0
8H	4H	23.9	24.7	24.4	25.1	25.6	22.2	23.0	22.7	23.5	23.9
	6H	24.5	25.1	25.0	25.6	26.1	22.7	23.3	23.1	23.8	24.3
	8H	24.7	25.3	25.2	25.8	26.3	22.8	23.4	23.3	23.9	24.4
	12H	24.8	25.4	25.3	25.8	26.4	22.8	23.4	23.4	23.9	24.4
12H	4H	23.9	24.6	24.4	25.1	25.6	22.3	23.0	22.7	23.4	23.9
	6H	24.5	25.1	25.0	25.6	26.1	22.7	23.3	23.2	23.8	24.3
	8H	24.7	25.2	25.2	25.7	26.3	22.9	23.4	23.4	23.9	24.4

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 2962.346 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.)