

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L19-827-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-L19-827-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	7399
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	66.4
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	18048	16001	14165
55	15798	13655	11598
65	13442	11231	9331
75	10793	8434	6869
85	6988	4332	3315

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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	3427.312	3427.312	3427.312	3427.312	3427.312
0.5	3444.067	3419.866	3428.243	3425.451	3423.589
1.0	3443.136	3418.935	3427.312	3424.520	3422.658
1.5	3442.206	3417.073	3426.382	3422.658	3420.797
2.0	3440.344	3416.142	3423.589	3418.935	3419.866
2.5	3439.413	3414.281	3421.727	3417.073	3416.142
3.0	3436.621	3411.488	3418.935	3412.419	3411.488
3.5	3434.759	3408.696	3415.212	3408.696	3406.834
4.0	3430.105	3404.972	3411.488	3404.042	3401.249
4.5	3428.243	3401.249	3406.834	3398.457	3394.733
5.0	3423.589	3397.526	3401.249	3392.872	3389.148
5.5	3421.727	3391.941	3395.664	3385.425	3380.771
6.0	3413.350	3387.287	3389.148	3377.978	3373.324
6.5	3408.696	3382.633	3381.702	3369.601	3364.016
7.0	3403.111	3376.117	3375.186	3361.223	3355.639
7.5	3397.526	3369.601	3366.808	3351.915	3345.399
8.0	3391.010	3362.154	3359.362	3341.676	3334.229
8.5	3384.494	3355.639	3350.984	3330.506	3323.059
9.0	3377.048	3348.192	3340.745	3319.336	3311.890
9.5	3368.670	3338.884	3331.437	3307.235	3298.858
10.0	3362.154	3330.506	3320.267	3296.065	3286.757
10.5	3351.915	3321.198	3310.028	3283.965	3273.726
11.0	3342.607	3311.890	3297.927	3270.002	3260.694
11.5	3333.299	3301.650	3285.826	3256.040	3244.870
12.0	3323.059	3291.411	3273.726	3241.147	3229.977
12.5	3310.959	3279.311	3260.694	3226.253	3213.222
13.0	3300.720	3268.141	3246.732	3210.429	3197.398
13.5	3290.480	3256.040	3232.769	3194.605	3181.573
14.0	3277.449	3243.939	3218.807	3176.919	3162.957
14.5	3266.279	3229.977	3202.983	3160.164	3145.271
15.0	3253.247	3216.945	3187.158	3142.479	3126.655
15.5	3240.216	3202.983	3171.334	3123.862	3108.038
16.0	3226.253	3189.020	3154.579	3105.246	3087.560
16.5	3213.222	3175.058	3137.825	3085.698	3068.012
17.0	3198.328	3159.234	3120.139	3066.151	3046.603
17.5	3184.366	3143.409	3103.384	3045.672	3025.194
18.0	3168.542	3128.516	3084.767	3025.194	3003.785
18.5	3154.579	3111.761	3066.151	3003.785	2980.514
19.0	3137.825	3095.006	3046.603	2981.445	2957.244
19.5	3122.000	3078.251	3027.056	2960.036	2933.973
20.0	3105.246	3060.566	3006.578	2937.696	2910.702
20.5	3088.491	3042.880	2986.099	2914.426	2886.501
21.0	3070.805	3025.194	2965.621	2891.155	2861.368
21.5	3054.050	3005.647	2944.212	2866.953	2837.167
22.0	3035.433	2987.030	2921.872	2842.752	2812.965
22.5	3016.817	2967.483	2899.532	2818.550	2786.902
23.0	2999.131	2948.866	2878.123	2792.487	2760.839
23.5	2980.514	2928.388	2854.853	2767.355	2734.776
24.0	2960.967	2907.910	2831.582	2742.222	2707.782
24.5	2941.420	2887.432	2807.380	2716.159	2681.718
25.0	2920.941	2866.953	2784.110	2690.096	2654.724
25.5	2899.532	2844.613	2759.908	2663.102	2625.869
26.0	2879.054	2823.204	2733.845	2636.108	2597.944
26.5	2858.576	2800.864	2709.643	2609.114	2569.088

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CANDELA TABULATION - (Cont.)

27.0	2836.236	2778.525	2683.580	2581.189	2541.163
27.5	2812.965	2755.254	2658.448	2553.264	2513.238
28.0	2791.556	2732.914	2632.384	2524.408	2483.452
28.5	2769.216	2709.643	2607.252	2496.483	2454.596
29.0	2746.876	2686.372	2581.189	2467.628	2426.671
29.5	2720.813	2662.171	2554.195	2438.772	2396.885
30.0	2695.681	2637.039	2527.201	2409.916	2368.029
30.5	2672.410	2612.837	2501.137	2381.991	2338.242
31.0	2648.208	2588.635	2474.143	2353.136	2308.456
31.5	2624.938	2563.503	2447.149	2323.349	2278.669
32.0	2598.875	2538.371	2419.225	2294.493	2249.814
32.5	2574.673	2512.307	2392.231	2264.707	2219.096
33.0	2549.541	2487.175	2363.375	2235.851	2190.241
33.5	2524.408	2461.112	2337.312	2206.065	2158.592
34.0	2500.207	2435.049	2308.456	2177.209	2129.737
34.5	2475.074	2409.916	2280.531	2148.353	2100.881
35.0	2449.942	2382.922	2251.675	2118.567	2071.094
35.5	2423.879	2355.928	2223.750	2090.642	2040.377
36.0	2399.677	2329.865	2195.826	2060.855	2012.452
36.5	2373.614	2302.871	2166.970	2032.000	1982.666
37.0	2346.620	2275.877	2139.976	2003.144	1954.741
37.5	2320.557	2248.883	2112.051	1973.357	1924.954
38.0	2294.493	2220.958	2083.195	1944.502	1895.168
38.5	2267.499	2194.895	2055.270	1915.646	1866.312
39.0	2239.575	2166.970	2027.346	1886.790	1837.456
39.5	2213.511	2139.976	1998.490	1857.935	1808.601
40.0	2186.517	2112.051	1970.565	1830.941	1780.676
40.5	2157.662	2085.057	1941.709	1802.085	1750.889
41.0	2130.668	2057.132	1913.784	1773.229	1720.172
41.5	2103.674	2030.138	1885.860	1744.374	1691.316
42.0	2074.818	2002.213	1857.935	1714.587	1661.530
42.5	2045.031	1973.357	1830.010	1686.662	1632.674
43.0	2017.106	1945.433	1802.085	1655.945	1603.818
43.5	1990.112	1918.439	1774.160	1627.089	1576.824
44.0	1960.326	1890.514	1746.235	1600.095	1548.899
44.5	1932.401	1862.589	1715.518	1572.170	1520.975
45.0	1903.545	1835.595	1687.593	1545.176	1493.981
45.5	1874.690	1806.739	1658.737	1518.182	1466.056
46.0	1846.765	1779.745	1631.743	1491.188	1439.062
46.5	1818.840	1751.820	1604.749	1465.125	1412.998
47.0	1789.984	1723.895	1577.755	1438.131	1386.004
47.5	1761.128	1694.109	1551.692	1412.068	1359.941
48.0	1733.204	1665.253	1525.629	1386.004	1332.947
48.5	1704.348	1638.259	1498.635	1359.941	1306.884
49.0	1673.631	1610.334	1472.571	1333.878	1281.752
49.5	1646.636	1584.271	1447.439	1307.815	1256.619
50.0	1618.712	1557.277	1421.376	1282.682	1231.487
50.5	1592.648	1530.283	1395.313	1257.550	1206.354
51.0	1564.724	1504.220	1369.249	1231.487	1181.222
51.5	1537.729	1477.226	1344.117	1207.285	1157.020
52.0	1511.666	1450.232	1318.054	1182.153	1132.819
52.5	1484.672	1424.168	1292.921	1157.951	1109.548
53.0	1457.678	1398.105	1267.789	1133.750	1086.277
53.5	1430.684	1372.042	1243.588	1109.548	1062.076
54.0	1404.621	1345.979	1217.524	1086.277	1038.805
54.5	1377.627	1320.846	1193.323	1062.076	1015.534

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CANDELA TABULATION - (Cont.)

55.0	1351.564	1294.783	1168.190	1039.736	992.264
55.5	1324.570	1269.651	1143.989	1015.534	969.924
56.0	1297.576	1243.588	1119.787	993.195	947.584
56.5	1271.512	1218.455	1095.586	970.855	926.640
57.0	1244.518	1193.323	1070.453	948.515	904.580
57.5	1218.455	1169.121	1047.183	926.175	883.077
58.0	1192.392	1143.989	1022.981	904.207	861.948
58.5	1166.329	1118.856	998.780	882.519	840.818
59.0	1140.266	1094.655	975.509	861.203	819.874
59.5	1114.202	1070.453	952.238	839.887	799.489
60.0	1089.070	1046.252	928.781	818.478	779.197
60.5	1063.938	1022.050	906.069	797.627	758.905
61.0	1038.805	998.780	882.891	776.963	738.985
61.5	1014.604	974.578	860.365	756.112	719.345
62.0	989.471	950.376	837.653	736.193	700.356
62.5	965.270	927.385	815.685	716.180	680.994
63.0	941.068	904.393	793.811	696.260	662.006
63.5	917.332	881.402	771.936	676.154	642.830
64.0	894.247	858.597	750.620	656.793	624.400
64.5	870.418	835.791	729.118	637.525	606.063
65.0	847.334	813.451	707.989	618.257	588.191
65.5	824.435	790.832	686.673	599.361	569.947
66.0	801.630	768.399	666.101	580.930	552.075
66.5	779.011	746.246	645.437	562.221	534.017
67.0	756.112	724.278	625.052	543.697	516.703
67.5	733.214	702.310	604.946	525.825	499.390
68.0	711.246	680.715	584.654	507.860	481.890
68.5	688.813	659.306	564.827	490.175	465.042
69.0	666.567	637.897	545.187	472.582	448.287
69.5	644.971	616.581	526.011	455.175	431.998
70.0	623.097	595.358	506.464	438.141	415.522
70.5	601.502	574.508	487.289	421.200	399.605
71.0	579.906	553.843	468.672	404.724	383.502
71.5	558.777	532.993	450.056	388.342	367.957
72.0	537.740	512.701	431.625	372.052	352.412
72.5	516.796	492.595	413.288	356.135	337.332
73.0	496.411	472.768	395.323	340.125	322.532
73.5	476.026	452.662	377.637	324.859	307.732
74.0	456.013	432.929	360.138	309.501	293.025
74.5	436.186	413.567	342.824	294.607	279.063
75.0	416.639	394.485	325.604	279.621	265.193
75.5	397.464	375.776	308.942	265.379	251.417
76.0	378.754	357.252	292.653	251.138	238.106
76.5	359.952	338.729	276.363	237.454	225.074
77.0	342.173	320.671	260.725	223.771	212.136
77.5	324.115	302.892	245.180	210.554	199.477
78.0	306.150	285.392	229.822	197.615	187.469
78.5	288.371	268.079	215.115	185.049	175.275
79.0	271.430	251.417	200.687	172.669	163.547
79.5	254.768	234.476	186.631	160.289	152.097
80.0	238.199	218.279	172.669	148.653	141.021
80.5	221.723	202.176	159.079	137.111	130.037
81.0	205.806	186.538	146.047	126.127	119.612
81.5	190.075	171.366	133.295	115.237	109.279
82.0	174.903	156.007	121.194	104.625	99.040
82.5	160.103	141.486	109.279	94.293	89.267

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CANDELA TABULATION - (Cont.)

83.0	145.489	127.151	97.737	84.240	79.307
83.5	131.061	113.468	86.846	74.373	69.812
84.0	117.284	100.064	76.235	64.693	60.597
84.5	103.694	87.405	66.089	55.477	51.754
85.0	90.849	75.211	56.315	46.821	43.097
85.5	78.376	63.483	47.007	37.978	33.789
86.0	66.647	52.313	38.629	28.856	23.550
86.5	55.012	42.260	30.531	18.244	14.521
87.0	44.307	32.765	21.781	11.542	10.332
87.5	34.348	24.388	12.566	8.843	8.098
88.0	25.132	16.662	7.912	6.795	6.330
88.5	17.313	9.308	5.864	4.933	4.375
89.0	10.891	4.654	3.909	3.165	2.792
89.5	5.399	2.513	2.141	1.582	1.396
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-L19-827-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-L19-827-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-L19-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1217.41	N.A.	16.50
0-30	2495.48	N.A.	33.70
0-40	3903.35	N.A.	52.80
0-60	6255.28	N.A.	84.50
0-80	7322.53	N.A.	99.00
0-90	7399.16	N.A.	100.00
10-90	7077.29	N.A.	95.60
20-40	2685.94	N.A.	36.30
20-50	3991.5	N.A.	53.90
40-70	3061.12	N.A.	41.40
60-80	1067.26	N.A.	14.40
70-80	358.07	N.A.	4.80
80-90	76.63	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	7399.16	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	321.88
10-20	895.53
20-30	1278.07
30-40	1407.87
40-50	1305.56
50-60	1046.37
60-70	709.18
70-80	358.07
80-90	76.63
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-L19-827-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-L19-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

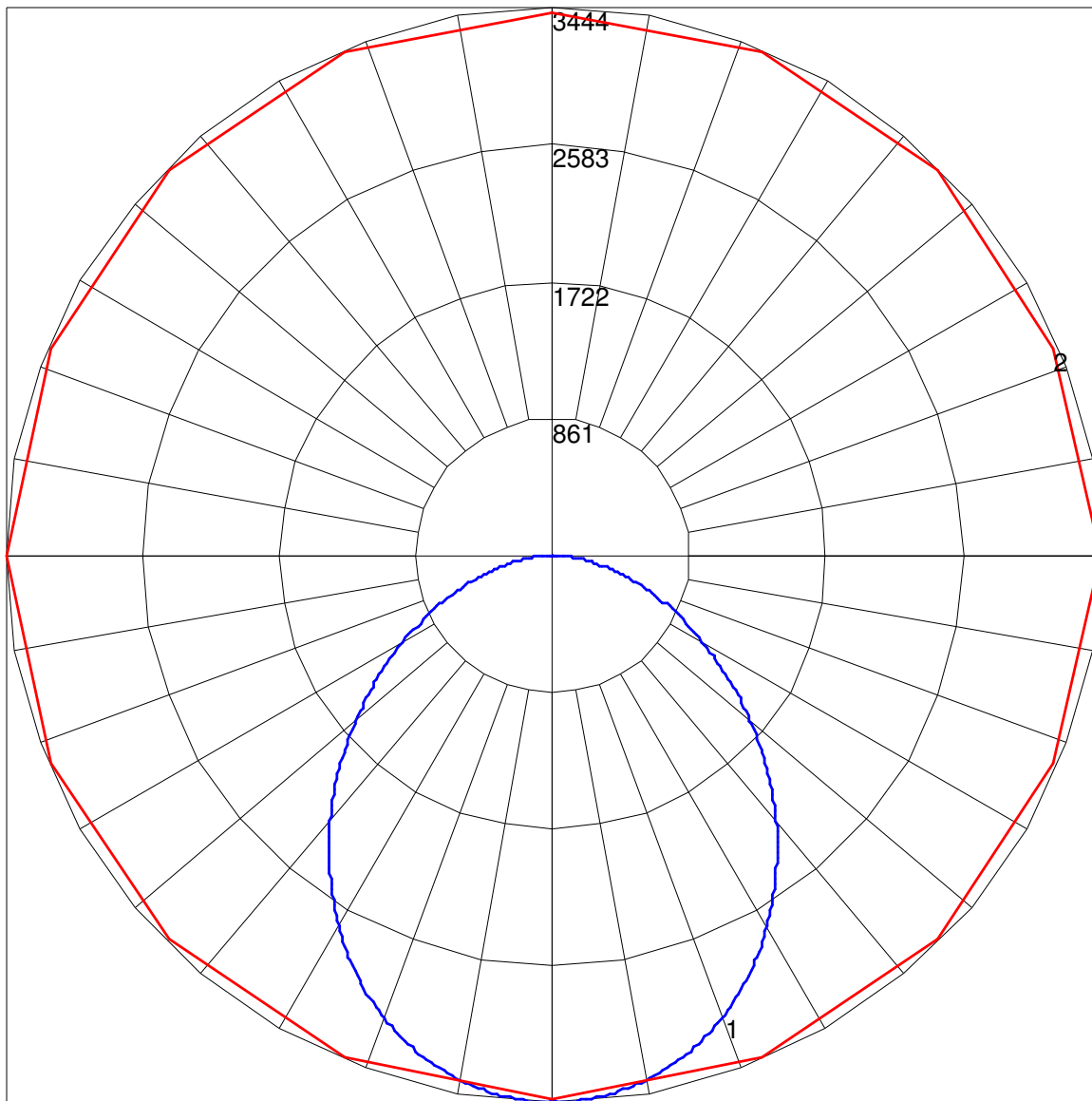
Reflectances

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	21.5	23.1	21.9	23.4	23.7	19.8	21.3	20.2	21.6	22.0
	3H	23.1	24.5	23.5	24.8	25.2	21.1	22.5	21.5	22.8	23.2
	4H	23.7	25.0	24.1	25.3	25.7	21.6	22.9	22.0	23.2	23.6
	6H	24.0	25.2	24.5	25.6	26.0	21.8	23.0	22.2	23.4	23.8
	8H	24.1	25.3	24.6	25.7	26.1	21.9	23.0	22.3	23.4	23.8
	12H	24.2	25.3	24.6	25.7	26.1	21.9	23.0	22.3	23.4	23.8
4H	2H	21.9	23.2	22.3	23.5	23.9	20.5	21.8	20.9	22.1	22.5
	3H	23.7	24.8	24.1	25.2	25.6	22.0	23.1	22.4	23.5	23.9
	4H	24.4	25.3	24.8	25.8	26.2	22.5	23.5	23.0	23.9	24.4
	6H	24.9	25.7	25.3	26.2	26.6	22.9	23.7	23.3	24.2	24.6
	8H	25.0	25.8	25.5	26.3	26.7	23.0	23.7	23.4	24.2	24.7
	12H	25.1	25.8	25.6	26.3	26.8	23.0	23.7	23.5	24.2	24.6
8H	4H	24.5	25.3	25.0	25.7	26.2	22.8	23.6	23.3	24.1	24.5
	6H	25.1	25.7	25.6	26.2	26.7	23.3	23.9	23.7	24.4	24.9
	8H	25.3	25.9	25.8	26.4	26.9	23.4	24.0	23.9	24.5	25.0
	12H	25.4	26.0	25.9	26.4	27.0	23.4	24.0	24.0	24.5	25.0
12H	4H	24.5	25.2	25.0	25.7	26.2	22.9	23.6	23.3	24.0	24.5
	6H	25.1	25.7	25.6	26.1	26.7	23.3	23.9	23.8	24.4	24.9
	8H	25.3	25.8	25.8	26.3	26.9	23.5	24.0	24.0	24.5	25.0

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 3444.067 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.)