

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-927-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-8-L12-927-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 8' 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	7712
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	79.2
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)	8.00 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	9406	8339	7382
55	8233	7116	6044
65	7005	5853	4863
75	5624	4395	3580
85	3642	2258	1728

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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	3572.221	3572.221	3572.221	3572.221	3572.221
0.5	3589.684	3564.459	3573.191	3570.281	3568.340
1.0	3588.714	3563.489	3572.221	3569.310	3567.370
1.5	3587.744	3561.549	3571.251	3567.370	3565.430
2.0	3585.803	3560.579	3568.340	3563.489	3564.459
2.5	3584.833	3558.638	3566.400	3561.549	3560.579
3.0	3581.923	3555.728	3563.489	3556.698	3555.728
3.5	3579.982	3552.817	3559.608	3552.817	3550.877
4.0	3575.131	3548.936	3555.728	3547.966	3545.056
4.5	3573.191	3545.056	3550.877	3542.145	3538.264
5.0	3568.340	3541.175	3545.056	3536.324	3532.443
5.5	3566.400	3535.354	3539.235	3528.563	3523.712
6.0	3557.668	3530.503	3532.443	3520.801	3515.950
6.5	3552.817	3525.652	3524.682	3512.069	3506.248
7.0	3546.996	3518.861	3517.891	3503.338	3497.517
7.5	3541.175	3512.069	3509.159	3493.636	3486.845
8.0	3534.384	3504.308	3501.397	3482.964	3475.202
8.5	3527.592	3497.517	3492.666	3471.322	3463.560
9.0	3519.831	3489.755	3481.994	3459.679	3451.918
9.5	3511.099	3480.053	3472.292	3447.067	3438.335
10.0	3504.308	3471.322	3460.650	3435.425	3425.723
10.5	3493.636	3461.620	3449.978	3422.812	3412.140
11.0	3483.934	3451.918	3437.365	3408.260	3398.558
11.5	3474.232	3441.246	3424.753	3393.707	3382.065
12.0	3463.560	3430.574	3412.140	3378.184	3366.542
12.5	3450.948	3417.961	3398.558	3362.661	3349.078
13.0	3440.276	3406.319	3384.005	3346.168	3332.585
13.5	3429.604	3393.707	3369.452	3329.675	3316.092
14.0	3416.021	3381.094	3354.899	3311.241	3296.688
14.5	3404.379	3366.542	3338.406	3293.778	3278.255
15.0	3390.796	3352.959	3321.913	3275.344	3258.851
15.5	3377.214	3338.406	3305.420	3255.941	3239.447
16.0	3362.661	3323.854	3287.957	3236.537	3218.103
16.5	3349.078	3309.301	3270.493	3216.163	3197.730
17.0	3333.555	3292.808	3252.060	3195.789	3175.415
17.5	3319.003	3276.314	3234.597	3174.445	3153.101
18.0	3302.509	3260.792	3215.193	3153.101	3130.787
18.5	3287.957	3243.328	3195.789	3130.787	3106.532
19.0	3270.493	3225.865	3175.415	3107.502	3082.277
19.5	3254.000	3208.402	3155.041	3085.188	3058.023
20.0	3236.537	3189.968	3133.697	3061.904	3033.768
20.5	3219.074	3171.535	3112.353	3037.649	3008.543
21.0	3200.640	3153.101	3091.009	3013.394	2982.348
21.5	3183.177	3132.727	3068.695	2988.170	2957.124
22.0	3163.773	3113.323	3045.410	2962.945	2931.899
22.5	3144.369	3092.950	3022.126	2937.720	2904.734
23.0	3125.936	3073.546	2999.812	2910.555	2877.568
23.5	3106.532	3052.202	2975.557	2884.360	2850.403
24.0	3086.158	3030.858	2951.303	2858.165	2822.268
24.5	3065.784	3009.514	2926.078	2831.000	2795.103
25.0	3044.440	2988.170	2901.823	2803.834	2766.967
25.5	3022.126	2964.885	2876.598	2775.699	2736.892
26.0	3000.782	2942.571	2849.433	2747.564	2707.786
26.5	2979.438	2919.286	2824.208	2719.428	2677.710

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CANDELA TABULATION - (Cont.)

27.0	2956.153	2896.002	2797.043	2690.323	2648.605
27.5	2931.899	2871.747	2770.848	2661.217	2619.499
28.0	2909.585	2848.463	2743.683	2631.142	2588.453
28.5	2886.300	2824.208	2717.488	2602.036	2558.378
29.0	2863.016	2799.954	2690.323	2571.960	2529.272
29.5	2835.851	2774.729	2662.187	2541.884	2498.226
30.0	2809.656	2748.534	2634.052	2511.809	2468.150
30.5	2785.401	2723.309	2606.887	2482.703	2437.105
31.0	2760.176	2698.084	2578.752	2452.627	2406.059
31.5	2735.921	2671.889	2550.616	2421.582	2375.013
32.0	2708.756	2645.694	2521.511	2391.506	2344.937
32.5	2683.531	2618.529	2493.375	2360.460	2312.921
33.0	2657.337	2592.334	2463.300	2330.384	2282.845
33.5	2631.142	2565.169	2436.134	2299.338	2249.859
34.0	2605.917	2538.004	2406.059	2269.263	2219.783
34.5	2579.722	2511.809	2376.953	2239.187	2189.707
35.0	2553.527	2483.673	2346.877	2208.141	2158.661
35.5	2526.362	2455.538	2317.772	2179.035	2126.645
36.0	2501.137	2428.373	2288.666	2147.989	2097.540
36.5	2473.972	2400.237	2258.590	2117.914	2066.494
37.0	2445.836	2372.102	2230.455	2087.838	2037.388
37.5	2418.671	2343.967	2201.350	2056.792	2006.342
38.0	2391.506	2314.861	2171.274	2026.716	1975.297
38.5	2363.370	2287.696	2142.168	1996.641	1945.221
39.0	2334.265	2258.590	2113.063	1966.565	1915.145
39.5	2307.100	2230.455	2082.987	1936.489	1885.069
40.0	2278.964	2201.350	2053.881	1908.354	1855.964
40.5	2248.889	2173.214	2023.806	1878.278	1824.918
41.0	2220.753	2144.109	1994.700	1848.202	1792.902
41.5	2192.618	2115.973	1965.595	1818.127	1762.826
42.0	2162.542	2086.868	1936.489	1787.081	1731.780
42.5	2131.496	2056.792	1907.384	1757.975	1701.704
43.0	2102.391	2027.686	1878.278	1725.959	1671.629
43.5	2074.255	1999.551	1849.172	1695.883	1643.493
44.0	2043.209	1970.446	1820.067	1667.748	1614.388
44.5	2014.104	1941.340	1788.051	1638.642	1585.282
45.0	1984.028	1913.205	1758.945	1610.507	1557.147
45.5	1953.952	1883.129	1728.870	1582.372	1528.041
46.0	1924.847	1854.994	1700.734	1554.236	1499.906
46.5	1895.741	1825.888	1672.599	1527.071	1472.741
47.0	1865.666	1796.782	1644.463	1498.936	1444.605
47.5	1835.590	1765.737	1617.298	1471.771	1417.440
48.0	1806.484	1735.661	1590.133	1444.605	1389.305
48.5	1776.409	1707.525	1561.998	1417.440	1362.140
49.0	1744.392	1678.420	1534.833	1390.275	1335.945
49.5	1716.257	1651.255	1508.638	1363.110	1309.750
50.0	1687.152	1623.119	1481.472	1336.915	1283.555
50.5	1659.986	1594.984	1454.307	1310.720	1257.360
51.0	1630.881	1567.819	1427.142	1283.555	1231.165
51.5	1602.745	1539.683	1400.947	1258.330	1205.940
52.0	1575.580	1511.548	1373.782	1232.135	1180.715
52.5	1547.445	1484.383	1347.587	1206.910	1156.460
53.0	1519.310	1457.218	1321.392	1181.685	1132.206
53.5	1491.174	1430.053	1296.167	1156.460	1106.981
54.0	1464.009	1402.887	1269.002	1132.206	1082.726
54.5	1435.874	1376.692	1243.777	1106.981	1058.472

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CANDELA TABULATION - (Cont.)

55.0	1408.709	1349.527	1217.582	1083.697	1034.217
55.5	1380.573	1323.332	1192.357	1058.472	1010.933
56.0	1352.438	1296.167	1167.132	1035.187	987.648
56.5	1325.273	1269.972	1141.908	1011.903	965.819
57.0	1297.137	1243.777	1115.713	988.618	942.826
57.5	1269.972	1218.552	1091.458	965.334	920.414
58.0	1242.807	1192.357	1066.233	942.438	898.391
58.5	1215.642	1166.162	1041.008	919.832	876.368
59.0	1188.477	1140.937	1016.754	897.615	854.539
59.5	1161.311	1115.713	992.499	875.398	833.292
60.0	1135.116	1090.488	968.051	853.084	812.142
60.5	1108.921	1065.263	944.378	831.351	790.992
61.0	1082.726	1041.008	920.220	809.813	770.230
61.5	1057.502	1015.784	896.742	788.081	749.759
62.0	1031.307	990.559	873.069	767.319	729.967
62.5	1006.082	966.595	850.173	746.460	709.787
63.0	980.857	942.632	827.374	725.698	689.996
63.5	956.117	918.668	804.574	704.742	670.010
64.0	932.057	894.899	782.357	684.562	650.800
64.5	907.220	871.129	759.946	664.480	631.687
65.0	883.159	847.845	737.923	644.397	613.060
65.5	859.293	824.269	715.705	624.702	594.044
66.0	835.523	800.888	694.264	605.492	575.417
66.5	811.948	777.797	672.726	585.992	556.595
67.0	788.081	754.901	651.479	566.685	538.550
67.5	764.215	732.005	630.523	548.057	520.504
68.0	741.318	709.496	609.373	529.333	502.265
68.5	717.937	687.182	588.708	510.899	484.704
69.0	694.749	664.868	568.237	492.563	467.241
69.5	672.241	642.650	548.251	474.420	450.263
70.0	649.442	620.530	527.878	456.666	433.091
70.5	626.933	598.798	507.892	439.009	416.500
71.0	604.425	577.260	488.488	421.836	399.716
71.5	582.402	555.528	469.084	404.761	383.514
72.0	560.476	534.378	449.875	387.783	367.312
72.5	538.647	513.422	430.762	371.193	351.595
73.0	517.400	492.757	412.038	354.506	336.169
73.5	496.153	471.801	393.604	338.595	320.743
74.0	475.294	451.233	375.365	322.586	305.414
74.5	454.629	431.053	357.319	307.064	290.861
75.0	434.255	411.164	339.371	291.444	276.406
75.5	414.269	391.664	322.004	276.600	262.047
76.0	394.768	372.357	305.026	261.756	248.173
76.5	375.171	353.050	288.048	247.494	234.591
77.0	356.640	334.229	271.749	233.232	221.105
77.5	337.818	315.698	255.547	219.456	207.911
78.0	319.094	297.459	239.539	205.970	195.395
78.5	300.563	279.413	224.210	192.873	182.686
79.0	282.906	262.047	209.172	179.969	170.461
79.5	265.540	244.390	194.522	167.066	158.528
80.0	248.270	227.508	179.969	154.939	146.983
80.5	231.098	210.724	165.805	142.908	135.535
81.0	214.508	194.425	152.222	131.460	124.669
81.5	198.112	178.611	138.930	120.109	113.900
82.0	182.298	162.603	126.318	109.049	103.228
82.5	166.872	147.468	113.900	98.280	93.041

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CANDELA TABULATION - (Cont.)

83.0	151.640	132.527	101.869	87.802	82.660
83.5	136.602	118.266	90.518	77.518	72.764
84.0	122.243	104.295	79.458	67.428	63.159
84.5	108.079	91.100	68.883	57.823	53.942
85.0	94.690	78.391	58.696	48.800	44.920
85.5	81.690	66.167	48.994	39.584	35.218
86.0	69.465	54.524	40.263	30.076	24.546
86.5	57.338	44.046	31.822	19.016	15.135
87.0	46.181	34.151	22.702	12.030	10.769
87.5	35.800	25.419	13.097	9.217	8.441
88.0	26.195	17.366	8.247	7.082	6.597
88.5	18.045	9.702	6.112	5.142	4.560
89.0	11.351	4.851	4.075	3.299	2.911
89.5	5.627	2.619	2.231	1.649	1.455
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-8-L12-927-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-8-L12-927-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-8-L12-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1268.88	N.A.	16.50
0-30	2600.99	N.A.	33.70
0-40	4068.38	N.A.	52.80
0-60	6519.76	N.A.	84.50
0-80	7632.14	N.A.	99.00
0-90	7712.01	N.A.	100.00
10-90	7376.52	N.A.	95.60
20-40	2799.5	N.A.	36.30
20-50	4160.26	N.A.	53.90
40-70	3190.54	N.A.	41.40
60-80	1112.38	N.A.	14.40
70-80	373.21	N.A.	4.80
80-90	79.87	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	7712.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	335.48
10-20	933.40
20-30	1332.1
30-40	1467.4
40-50	1360.76
50-60	1090.61
60-70	739.17
70-80	373.21
80-90	79.87
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-8-L12-927-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-8-L12-927-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

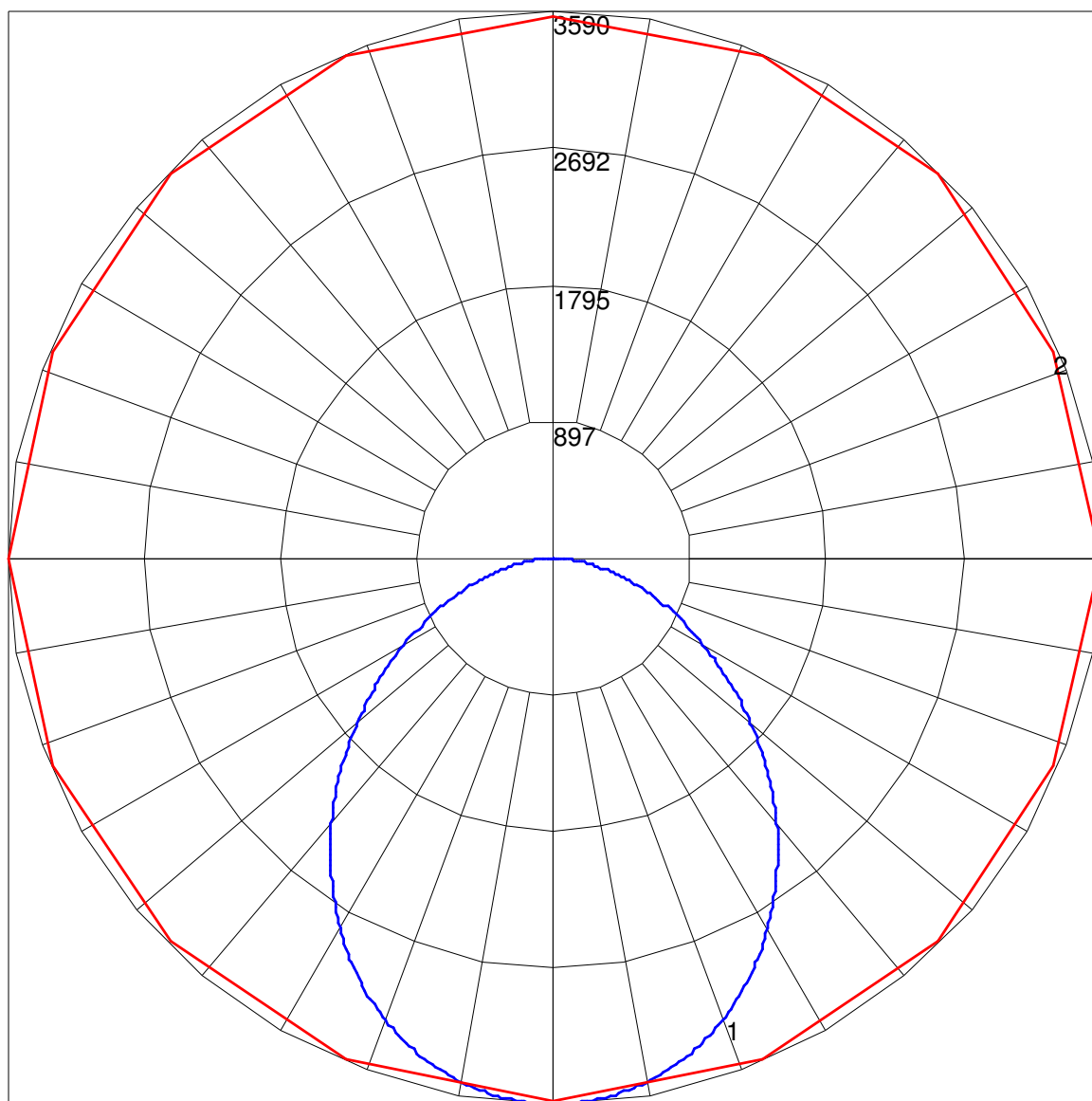
Reflectances

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	19.2	20.8	19.6	21.1	21.4	17.5	19.0	17.9	19.3	19.7
	3H	20.8	22.2	21.2	22.5	22.9	18.8	20.2	19.2	20.5	20.9
	4H	21.4	22.7	21.8	23.0	23.4	19.3	20.6	19.7	20.9	21.3
	6H	21.7	22.9	22.1	23.3	23.7	19.5	20.7	19.9	21.1	21.5
	8H	21.8	23.0	22.3	23.4	23.8	19.6	20.7	20.0	21.1	21.5
	12H	21.9	23.0	22.3	23.4	23.8	19.6	20.7	20.0	21.1	21.5
4H	2H	19.6	20.9	20.0	21.2	21.6	18.2	19.5	18.6	19.8	20.2
	3H	21.4	22.5	21.8	22.9	23.3	19.7	20.8	20.1	21.2	21.6
	4H	22.1	23.0	22.5	23.5	23.9	20.2	21.2	20.6	21.6	22.0
	6H	22.6	23.4	23.0	23.9	24.3	20.6	21.4	21.0	21.9	22.3
	8H	22.7	23.5	23.2	24.0	24.4	20.6	21.4	21.1	21.9	22.3
	12H	22.8	23.5	23.3	24.0	24.5	20.7	21.4	21.2	21.9	22.3
8H	4H	22.2	23.0	22.7	23.4	23.9	20.5	21.3	21.0	21.8	22.2
	6H	22.8	23.4	23.3	23.9	24.4	20.9	21.6	21.4	22.1	22.6
	8H	23.0	23.6	23.5	24.1	24.6	21.1	21.7	21.6	22.2	22.7
	12H	23.1	23.6	23.6	24.1	24.7	21.1	21.7	21.6	22.1	22.7
12H	4H	22.2	22.9	22.7	23.4	23.8	20.6	21.3	21.0	21.7	22.2
	6H	22.8	23.4	23.3	23.8	24.4	21.0	21.6	21.5	22.1	22.6
	8H	23.0	23.5	23.5	24.0	24.6	21.2	21.7	21.7	22.2	22.7

Maximum UGR = 24.7

POLAR GRAPH



Maximum Candela = 3589.684 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.)