

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-830-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-8-L12-830-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	9544
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	11640	10319	9135
55	10188	8806	7480
65	8669	7243	6018
75	6960	5439	4430
85	4507	2794	2138

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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	4420.624	4420.624	4420.624	4420.624	4420.624
0.5	4442.235	4411.019	4421.824	4418.223	4415.821
1.0	4441.034	4409.818	4420.624	4417.022	4414.621
1.5	4439.833	4407.417	4419.423	4414.621	4412.220
2.0	4437.432	4406.217	4415.821	4409.818	4411.019
2.5	4436.232	4403.815	4413.420	4407.417	4406.217
3.0	4432.630	4400.214	4409.818	4401.414	4400.214
3.5	4430.229	4396.612	4405.016	4396.612	4394.211
4.0	4424.226	4391.809	4400.214	4390.609	4387.007
4.5	4421.824	4387.007	4394.211	4383.405	4378.603
5.0	4415.821	4382.204	4387.007	4376.201	4371.399
5.5	4413.420	4375.001	4379.803	4366.597	4360.594
6.0	4402.615	4368.998	4371.399	4356.992	4350.989
6.5	4396.612	4362.995	4361.794	4346.186	4338.983
7.0	4389.408	4354.591	4353.390	4335.381	4328.177
7.5	4382.204	4346.186	4342.585	4323.375	4314.971
8.0	4373.800	4336.582	4332.980	4310.168	4300.563
8.5	4365.396	4328.177	4322.174	4295.761	4286.156
9.0	4355.791	4318.572	4308.968	4281.354	4271.749
9.5	4344.986	4306.566	4296.962	4265.746	4254.940
10.0	4336.582	4295.761	4282.554	4251.339	4239.333
10.5	4323.375	4283.755	4269.348	4235.731	4222.524
11.0	4311.369	4271.749	4253.740	4217.722	4205.716
11.5	4299.363	4258.542	4238.132	4199.713	4185.305
12.0	4286.156	4245.336	4222.524	4180.503	4166.096
12.5	4270.548	4229.728	4205.716	4161.293	4144.485
13.0	4257.342	4215.321	4187.707	4140.883	4124.075
13.5	4244.135	4199.713	4169.698	4120.473	4103.664
14.0	4227.327	4184.105	4151.689	4097.661	4079.652
14.5	4212.919	4166.096	4131.278	4076.050	4056.841
15.0	4196.111	4149.287	4110.868	4053.239	4032.829
15.5	4179.302	4131.278	4090.458	4029.227	4008.817
16.0	4161.293	4113.269	4068.847	4005.215	3982.403
16.5	4144.485	4095.260	4047.236	3980.002	3957.191
17.0	4125.275	4074.850	4024.424	3954.789	3929.577
17.5	4107.266	4054.440	4002.814	3928.376	3901.963
18.0	4086.856	4035.230	3978.802	3901.963	3874.349
18.5	4068.847	4013.619	3954.789	3874.349	3844.334
19.0	4047.236	3992.008	3929.577	3845.534	3814.319
19.5	4026.826	3970.397	3904.364	3817.921	3784.304
20.0	4005.215	3947.586	3877.951	3789.106	3754.289
20.5	3983.604	3924.774	3851.538	3759.091	3723.073
21.0	3960.792	3901.963	3825.124	3729.076	3690.657
21.5	3939.182	3876.750	3797.510	3697.860	3659.441
22.0	3915.170	3852.738	3768.696	3666.644	3628.225
22.5	3891.157	3827.525	3739.881	3635.429	3594.608
23.0	3868.346	3803.513	3712.267	3601.812	3560.991
23.5	3844.334	3777.100	3682.252	3569.396	3527.374
24.0	3819.121	3750.687	3652.237	3536.979	3492.557
24.5	3793.909	3724.273	3621.022	3503.362	3458.940
25.0	3767.495	3697.860	3591.006	3469.745	3424.122
25.5	3739.881	3669.046	3559.791	3434.928	3386.904
26.0	3713.468	3641.432	3526.174	3400.110	3350.886
26.5	3687.055	3612.617	3494.958	3365.293	3313.667

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CANDELA TABULATION - (Cont.)

27.0	3658.240	3583.803	3461.341	3329.275	3277.649
27.5	3628.225	3553.788	3428.925	3293.257	3241.631
28.0	3600.611	3524.973	3395.308	3256.038	3203.211
28.5	3571.797	3494.958	3362.892	3220.020	3165.993
29.0	3542.982	3464.943	3329.275	3182.801	3129.975
29.5	3509.365	3433.727	3294.457	3145.582	3091.555
30.0	3476.949	3401.311	3259.640	3108.364	3054.336
30.5	3446.934	3370.095	3226.023	3072.346	3015.917
31.0	3415.718	3338.880	3191.205	3035.127	2977.498
31.5	3385.703	3306.463	3156.388	2996.707	2939.078
32.0	3352.086	3274.047	3120.370	2959.489	2901.860
32.5	3320.871	3240.430	3085.552	2921.069	2862.240
33.0	3288.454	3208.014	3048.333	2883.851	2825.021
33.5	3256.038	3174.397	3014.717	2845.431	2784.201
34.0	3224.822	3140.780	2977.498	2808.213	2746.982
34.5	3192.406	3108.364	2941.480	2770.994	2709.763
35.0	3159.990	3073.546	2904.261	2732.575	2671.344
35.5	3126.373	3038.729	2868.243	2696.556	2631.724
36.0	3095.157	3005.112	2832.225	2658.137	2595.706
36.5	3061.540	2970.294	2795.006	2620.918	2557.286
37.0	3026.723	2935.477	2760.189	2583.700	2521.268
37.5	2993.106	2900.659	2724.170	2545.280	2482.849
38.0	2959.489	2864.641	2686.952	2508.062	2444.430
38.5	2924.671	2831.024	2650.934	2470.843	2407.211
39.0	2888.653	2795.006	2614.915	2433.624	2369.992
39.5	2855.036	2760.189	2577.697	2396.406	2332.773
40.0	2820.219	2724.170	2541.679	2361.588	2296.755
40.5	2783.000	2689.353	2504.460	2324.369	2258.336
41.0	2748.182	2653.335	2468.442	2287.151	2218.716
41.5	2713.365	2618.517	2432.424	2249.932	2181.497
42.0	2676.146	2582.499	2396.406	2211.512	2143.078
42.5	2637.727	2545.280	2360.387	2175.494	2105.859
43.0	2601.709	2509.262	2324.369	2135.874	2068.641
43.5	2566.891	2474.445	2288.351	2098.656	2033.823
44.0	2528.472	2438.427	2252.333	2063.838	1997.805
44.5	2492.454	2402.409	2212.713	2027.820	1961.787
45.0	2455.235	2367.591	2176.695	1993.003	1926.969
45.5	2418.016	2330.372	2139.476	1958.185	1890.951
46.0	2381.998	2295.555	2104.659	1923.368	1856.134
46.5	2345.980	2259.537	2069.841	1889.751	1822.517
47.0	2308.761	2223.519	2035.024	1854.933	1787.699
47.5	2271.543	2185.099	2001.407	1821.316	1754.082
48.0	2235.525	2147.880	1967.790	1787.699	1719.265
48.5	2198.306	2113.063	1932.972	1754.082	1685.648
49.0	2158.686	2077.045	1899.355	1720.465	1653.232
49.5	2123.868	2043.428	1866.939	1686.849	1620.815
50.0	2087.850	2008.610	1833.322	1654.432	1588.399
50.5	2054.233	1973.793	1799.705	1622.016	1555.983
51.0	2018.215	1940.176	1766.088	1588.399	1523.566
51.5	1983.398	1905.358	1733.672	1557.183	1492.351
52.0	1949.781	1870.541	1700.055	1524.767	1461.135
52.5	1914.963	1836.924	1667.639	1493.551	1431.120
53.0	1880.146	1803.307	1635.223	1462.336	1401.105
53.5	1845.328	1769.690	1604.007	1431.120	1369.889
54.0	1811.711	1736.073	1570.390	1401.105	1339.874
54.5	1776.894	1703.657	1539.174	1369.889	1309.859

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CANDELA TABULATION - (Cont.)

55.0	1743.277	1670.040	1506.758	1341.075	1279.844
55.5	1708.459	1637.624	1475.542	1309.859	1251.029
56.0	1673.642	1604.007	1444.327	1281.044	1222.215
56.5	1640.025	1571.591	1413.111	1252.230	1195.201
57.0	1605.207	1539.174	1380.695	1223.415	1166.747
57.5	1571.591	1507.959	1350.679	1194.601	1139.013
58.0	1537.974	1475.542	1319.464	1166.267	1111.759
58.5	1504.357	1443.126	1288.248	1138.293	1084.506
59.0	1470.740	1411.910	1258.233	1110.799	1057.492
59.5	1437.123	1380.695	1228.218	1083.305	1031.199
60.0	1404.707	1349.479	1197.963	1055.691	1005.026
60.5	1372.290	1318.263	1168.668	1028.798	978.852
61.0	1339.874	1288.248	1138.773	1002.144	953.159
61.5	1308.658	1257.032	1109.718	975.251	927.827
62.0	1276.242	1225.817	1080.424	949.558	903.334
62.5	1245.026	1196.162	1052.089	923.745	878.362
63.0	1213.811	1166.507	1023.875	898.052	853.870
63.5	1183.195	1136.852	995.661	872.119	829.137
64.0	1153.420	1107.437	968.167	847.146	805.365
64.5	1122.685	1078.022	940.433	822.294	781.713
65.0	1092.910	1049.208	913.179	797.441	758.662
65.5	1063.375	1020.033	885.686	773.069	735.130
66.0	1033.960	991.099	859.152	749.297	712.078
66.5	1004.785	962.524	832.499	725.165	688.786
67.0	975.251	934.190	806.206	701.273	666.455
67.5	945.716	905.856	780.273	678.221	644.124
68.0	917.381	878.002	754.099	655.050	621.553
68.5	888.447	850.388	728.526	632.238	599.822
69.0	859.752	822.774	703.194	609.547	578.211
69.5	831.898	795.280	678.461	587.095	557.200
70.0	803.684	767.906	653.249	565.124	535.950
70.5	775.830	741.013	628.516	543.273	515.419
71.0	747.976	714.359	604.504	522.023	494.649
71.5	720.723	687.466	580.492	500.892	474.599
72.0	693.589	661.293	556.720	479.881	454.549
72.5	666.575	635.360	533.068	459.351	435.099
73.0	640.282	609.787	509.897	438.701	416.009
73.5	613.989	583.854	487.085	419.011	396.920
74.0	588.176	558.401	464.514	399.201	377.950
74.5	562.603	533.428	442.182	379.991	359.941
75.0	537.390	508.816	419.971	360.661	342.052
75.5	512.658	484.684	398.480	342.292	324.283
76.0	488.526	460.792	377.470	323.923	307.114
76.5	464.274	436.900	356.459	306.274	290.306
77.0	441.342	413.608	336.289	288.625	273.618
77.5	418.050	390.677	316.239	271.577	257.289
78.0	394.879	368.105	296.429	254.888	241.802
78.5	371.947	345.774	277.460	238.680	226.074
79.0	350.096	324.283	258.850	222.712	210.946
79.5	328.605	302.432	240.721	206.744	196.179
80.0	307.235	281.542	222.712	191.736	181.892
80.5	285.984	260.771	205.183	176.849	167.724
81.0	265.454	240.601	188.375	162.682	154.278
81.5	245.163	221.031	171.926	148.635	140.951
82.0	225.593	201.221	156.319	134.948	127.744
82.5	206.504	182.492	140.951	121.621	115.138

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CANDELA TABULATION - (Cont.)

83.0	187.654	164.003	126.063	108.655	102.291
83.5	169.045	146.354	112.016	95.928	90.045
84.0	151.276	129.065	98.329	83.442	78.159
84.5	133.747	112.737	85.243	71.556	66.754
85.0	117.179	97.009	72.637	60.390	55.588
85.5	101.091	81.881	60.631	48.985	43.582
86.0	85.963	67.474	49.825	37.219	30.375
86.5	70.956	54.507	39.380	23.532	18.729
87.0	57.149	42.261	28.094	14.887	13.327
87.5	44.302	31.456	16.208	11.406	10.445
88.0	32.416	21.491	10.205	8.764	8.164
88.5	22.331	12.006	7.564	6.363	5.643
89.0	14.047	6.003	5.043	4.082	3.602
89.5	6.964	3.242	2.761	2.041	1.801
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-L12-830-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-8-L12-830-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-8-L12-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1570.24	N.A.	16.50
0-30	3218.72	N.A.	33.70
0-40	5034.63	N.A.	52.80
0-60	8068.2	N.A.	84.50
0-80	9444.77	N.A.	99.00
0-90	9543.61	N.A.	100.00
10-90	9128.45	N.A.	95.60
20-40	3464.38	N.A.	36.30
20-50	5148.33	N.A.	53.90
40-70	3948.29	N.A.	41.40
60-80	1376.57	N.A.	14.40
70-80	461.85	N.A.	4.80
80-90	98.84	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	9543.61	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	415.16
10-20	1155.08
20-30	1648.48
30-40	1815.91
40-50	1683.95
50-60	1349.63
60-70	914.72
70-80	461.85
80-90	98.84
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-L12-830-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

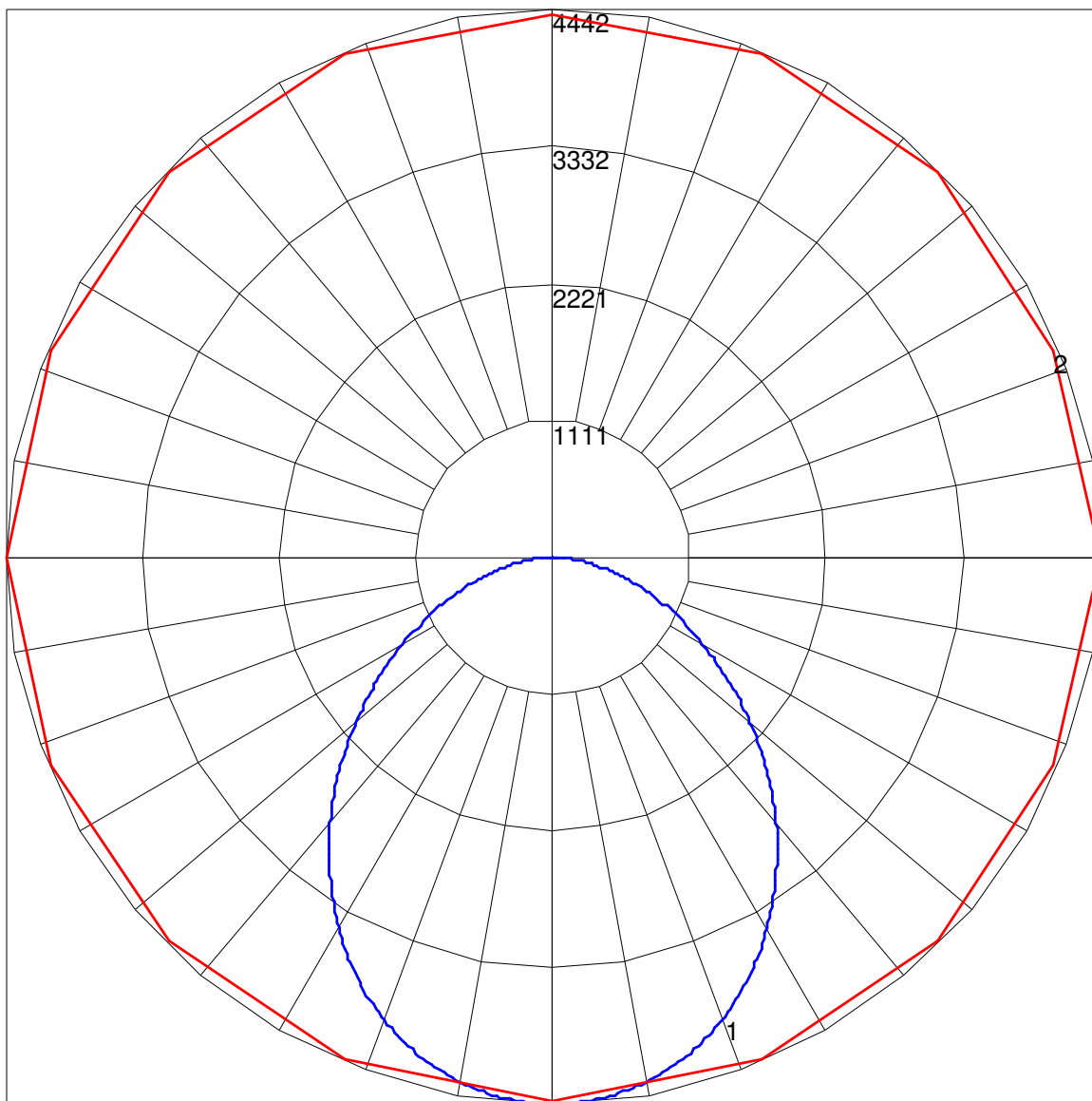
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L12-830-DMA-DIM-UNV_.IES

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	19.9	21.5	20.3	21.8	22.1	18.2	19.7	18.6	20.0	20.4
	3H	21.5	22.9	21.9	23.2	23.6	19.5	20.9	19.9	21.2	21.6
	4H	22.1	23.4	22.5	23.7	24.1	20.0	21.3	20.4	21.6	22.0
	6H	22.4	23.6	22.8	24.0	24.4	20.2	21.4	20.6	21.8	22.2
	8H	22.5	23.7	23.0	24.1	24.5	20.3	21.4	20.7	21.8	22.2
	12H	22.6	23.7	23.0	24.1	24.5	20.3	21.4	20.7	21.8	22.2
4H	2H	20.3	21.6	20.7	21.9	22.3	18.9	20.2	19.3	20.5	20.9
	3H	22.1	23.2	22.5	23.6	24.0	20.4	21.5	20.8	21.9	22.3
	4H	22.8	23.7	23.2	24.2	24.6	20.9	21.9	21.3	22.3	22.7
	6H	23.3	24.1	23.7	24.6	25.0	21.3	22.1	21.7	22.6	23.0
	8H	23.4	24.2	23.9	24.7	25.1	21.3	22.1	21.8	22.6	23.0
	12H	23.5	24.2	24.0	24.7	25.2	21.4	22.1	21.9	22.6	23.0
8H	4H	22.9	23.7	23.4	24.1	24.6	21.2	22.0	21.7	22.5	22.9
	6H	23.5	24.1	24.0	24.6	25.1	21.6	22.3	22.1	22.8	23.3
	8H	23.7	24.3	24.2	24.8	25.3	21.8	22.4	22.3	22.9	23.4
	12H	23.8	24.3	24.3	24.8	25.4	21.8	22.4	22.3	22.8	23.4
12H	4H	22.9	23.6	23.4	24.1	24.5	21.3	22.0	21.7	22.4	22.9
	6H	23.5	24.1	24.0	24.5	25.1	21.7	22.3	22.2	22.8	23.3
	8H	23.7	24.2	24.2	24.7	25.3	21.9	22.4	22.4	22.9	23.4

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 4442.235 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.)