

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L12-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-8-L12-940-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 8' 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	8386
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	97.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	17910	15506	13526
55	15828	13275	10984
65	13577	10683	8623
75	10893	7617	5917
85	7171	2270	1229

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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	3988.821	3988.821	3988.821	3988.821	3988.821
0.5	3995.038	3982.604	3992.551	3990.064	3978.873
1.0	3992.551	3981.360	3992.551	3988.821	3977.630
1.5	3991.307	3978.873	3988.821	3985.090	3973.900
2.0	3990.064	3977.630	3987.577	3982.604	3970.170
2.5	3987.577	3975.143	3983.847	3977.630	3966.439
3.0	3985.090	3972.656	3980.117	3972.656	3960.222
3.5	3981.360	3968.926	3973.900	3965.196	3954.005
4.0	3977.630	3963.953	3968.926	3958.979	3945.302
4.5	3973.900	3958.979	3961.466	3950.275	3935.355
5.0	3971.413	3954.005	3955.249	3940.328	3926.651
5.5	3963.953	3947.788	3946.545	3931.624	3916.704
6.0	3958.979	3941.572	3937.841	3920.434	3905.513
6.5	3952.762	3934.111	3929.138	3908.000	3893.079
7.0	3945.302	3925.407	3919.190	3896.809	3878.158
7.5	3937.841	3917.947	3908.000	3881.888	3863.237
8.0	3930.381	3909.243	3896.809	3868.211	3847.073
8.5	3921.677	3899.296	3884.375	3853.290	3833.396
9.0	3911.730	3889.349	3871.941	3837.126	3817.232
9.5	3903.026	3880.645	3858.264	3820.962	3798.581
10.0	3893.079	3869.454	3844.586	3803.554	3779.930
10.5	3884.375	3858.264	3829.666	3784.903	3760.035
11.0	3873.185	3845.830	3813.502	3766.252	3737.654
11.5	3863.237	3834.639	3797.337	3746.358	3719.003
12.0	3855.777	3823.449	3779.930	3726.464	3697.866
12.5	3839.613	3811.015	3762.522	3704.082	3676.728
13.0	3824.692	3796.094	3745.115	3682.945	3653.103
13.5	3812.258	3778.686	3726.464	3661.807	3629.479
14.0	3797.337	3762.522	3706.569	3638.182	3605.854
14.5	3782.417	3745.115	3686.675	3614.558	3580.986
15.0	3767.496	3728.950	3668.024	3590.933	3554.875
15.5	3752.575	3712.786	3648.130	3564.822	3528.763
16.0	3736.411	3695.379	3628.235	3539.954	3503.895
16.5	3721.490	3676.728	3605.854	3515.086	3476.541
17.0	3702.839	3658.077	3580.986	3487.731	3447.943
17.5	3685.432	3639.426	3557.362	3461.620	3420.588
18.0	3669.267	3619.531	3533.737	3434.265	3390.746
18.5	3649.373	3599.637	3508.869	3405.667	3362.148
19.0	3630.722	3579.743	3484.001	3379.556	3333.550
19.5	3613.314	3558.605	3459.133	3349.714	3301.222
20.0	3592.177	3537.467	3434.265	3319.873	3271.380
20.5	3573.526	3517.573	3409.397	3291.274	3241.538
21.0	3553.631	3495.192	3382.042	3262.676	3210.454
21.5	3532.494	3472.810	3354.688	3232.835	3179.369
22.0	3511.356	3450.429	3328.576	3201.750	3148.284
22.5	3490.218	3426.805	3302.465	3170.665	3117.199
23.0	3467.837	3404.424	3273.867	3139.580	3084.870
23.5	3446.699	3380.799	3245.269	3109.738	3052.542
24.0	3421.831	3355.931	3216.670	3077.410	3021.457
24.5	3399.450	3331.063	3186.829	3046.325	2989.129
25.0	3375.825	3306.195	3159.474	3013.997	2956.800
25.5	3352.201	3281.327	3129.633	2981.668	2923.229
26.0	3328.576	3253.972	3099.791	2950.583	2890.900
26.5	3303.708	3229.104	3069.950	2918.255	2857.328

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CANDELA TABULATION - (Cont.)

27.0	3277.597	3201.750	3040.108	2885.927	2825.000
27.5	3251.486	3175.638	3009.023	2853.598	2791.428
28.0	3222.887	3148.284	2979.181	2821.270	2757.857
28.5	3194.289	3120.929	2949.340	2790.185	2724.285
29.0	3168.178	3093.574	2917.012	2756.613	2690.713
29.5	3142.067	3064.976	2885.927	2723.042	2655.898
30.0	3113.468	3036.378	2856.085	2690.713	2624.813
30.5	3087.357	3009.023	2825.000	2657.141	2591.241
31.0	3058.759	2980.425	2793.915	2623.570	2558.913
31.5	3032.648	2950.583	2761.587	2591.241	2526.585
32.0	3004.049	2920.742	2730.502	2557.670	2493.013
32.5	2975.451	2890.900	2698.174	2522.854	2459.441
33.0	2948.097	2861.059	2667.089	2490.526	2427.113
33.5	2919.498	2832.461	2636.004	2459.441	2394.784
34.0	2889.657	2801.376	2603.675	2425.869	2361.213
34.5	2861.059	2771.534	2572.590	2393.541	2330.128
35.0	2831.217	2741.692	2540.262	2361.213	2295.313
35.5	2803.862	2710.608	2507.934	2328.884	2261.741
36.0	2774.021	2680.766	2476.849	2295.313	2225.682
36.5	2744.179	2649.681	2444.520	2261.741	2194.597
37.0	2715.581	2618.596	2412.192	2226.926	2162.269
37.5	2684.496	2587.511	2382.350	2194.597	2131.184
38.0	2652.168	2557.670	2350.022	2163.512	2098.856
38.5	2622.326	2525.341	2317.694	2132.427	2067.771
39.0	2593.728	2494.256	2282.879	2100.099	2036.686
39.5	2561.400	2463.171	2249.307	2069.014	2005.601
40.0	2531.558	2432.086	2216.979	2039.173	1974.516
40.5	2500.473	2401.001	2185.894	2006.844	1943.431
41.0	2466.902	2369.916	2154.809	1977.003	1912.346
41.5	2435.817	2337.588	2122.480	1945.918	1882.504
42.0	2403.488	2305.260	2092.639	1916.076	1851.420
42.5	2371.160	2271.688	2060.310	1884.991	1821.578
43.0	2340.075	2236.873	2031.712	1855.150	1790.493
43.5	2306.503	2205.788	2000.627	1825.308	1759.408
44.0	2271.688	2174.703	1969.542	1795.467	1728.323
44.5	2235.630	2142.375	1939.701	1765.625	1697.238
45.0	2204.545	2111.290	1908.616	1735.784	1664.910
45.5	2173.460	2080.205	1878.774	1705.942	1633.825
46.0	2141.131	2049.120	1847.689	1674.857	1603.983
46.5	2108.803	2018.035	1817.848	1645.015	1572.898
47.0	2076.475	1986.950	1789.250	1613.931	1543.057
47.5	2045.390	1955.865	1759.408	1584.089	1513.215
48.0	2013.061	1924.780	1729.567	1553.004	1483.374
48.5	1981.976	1894.938	1699.725	1523.162	1453.532
49.0	1950.891	1863.854	1671.127	1493.321	1423.691
49.5	1918.563	1832.769	1641.285	1463.479	1395.093
50.0	1888.721	1802.927	1612.687	1434.881	1367.738
50.5	1857.637	1771.842	1584.089	1405.040	1339.140
51.0	1826.552	1742.001	1555.491	1376.442	1310.541
51.5	1795.467	1712.159	1526.893	1347.843	1283.187
52.0	1764.382	1682.317	1498.295	1319.245	1255.832
52.5	1734.540	1652.476	1469.696	1291.890	1228.228
53.0	1703.455	1623.878	1441.098	1263.292	1200.501
53.5	1672.370	1594.036	1412.500	1235.813	1175.384
54.0	1641.285	1564.195	1383.902	1208.334	1148.154
54.5	1611.444	1534.353	1354.060	1181.352	1122.042

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CANDELA TABULATION - (Cont.)

55.0	1580.359	1505.755	1325.462	1153.873	1096.677
55.5	1550.517	1477.157	1296.864	1127.389	1071.312
56.0	1519.432	1448.559	1267.023	1100.780	1045.698
56.5	1489.591	1418.717	1238.922	1074.918	1019.959
57.0	1458.506	1391.362	1210.697	1048.806	995.340
57.5	1429.908	1362.764	1182.471	1023.317	970.472
58.0	1400.066	1334.166	1154.371	997.951	946.475
58.5	1368.981	1305.568	1126.892	972.835	922.104
59.0	1340.383	1276.970	1099.164	948.091	897.982
59.5	1310.541	1249.615	1071.685	923.347	874.606
60.0	1281.943	1221.514	1044.703	899.350	851.728
60.5	1252.102	1194.159	1018.219	874.979	828.476
61.0	1223.255	1166.680	991.734	850.857	805.846
61.5	1194.408	1139.326	965.250	827.233	783.838
62.0	1165.686	1111.971	938.890	804.603	761.581
62.5	1137.585	1085.238	912.778	781.600	739.449
63.0	1109.484	1058.629	887.040	758.721	718.062
63.5	1082.005	1032.269	861.302	736.216	697.173
64.0	1053.655	1005.785	836.061	714.083	675.662
64.5	1026.052	979.673	810.944	692.075	654.898
65.0	998.822	953.438	785.952	670.440	634.382
65.5	971.467	927.451	761.208	648.805	613.866
66.0	944.609	902.085	736.713	627.792	593.598
66.5	918.001	876.471	712.716	606.530	573.828
67.0	891.019	850.857	688.469	585.765	554.182
67.5	864.535	825.616	664.969	565.249	534.412
68.0	838.548	799.878	641.096	544.857	515.140
68.5	812.436	774.015	618.217	524.963	495.991
69.0	786.574	747.655	595.339	504.944	477.092
69.5	760.835	722.041	572.709	485.423	458.690
70.0	734.973	696.303	550.328	466.150	439.790
70.5	709.359	670.565	528.195	447.002	421.885
71.0	683.869	645.199	506.312	427.978	403.731
71.5	659.125	620.207	484.801	409.451	385.578
72.0	634.755	595.463	463.663	390.800	367.797
72.5	609.762	571.341	442.774	372.646	350.265
73.0	585.516	547.095	422.258	354.617	333.231
73.5	561.145	522.973	402.115	336.712	315.947
74.0	537.645	499.722	382.221	319.553	299.410
74.5	514.021	476.470	362.699	302.021	282.873
75.0	490.769	453.343	343.178	284.987	266.585
75.5	467.642	430.962	324.278	268.201	250.918
76.0	445.385	408.581	305.752	252.037	235.251
76.5	423.253	386.945	287.349	236.121	220.206
77.0	401.369	365.062	269.444	220.330	205.782
77.5	379.982	343.800	251.788	205.161	191.359
78.0	358.720	322.910	234.381	190.364	177.309
78.5	338.080	302.394	217.097	175.941	163.631
79.0	317.688	282.127	200.436	161.766	150.202
79.5	298.042	262.108	184.272	148.089	136.898
80.0	278.645	242.587	168.605	134.784	124.091
80.5	259.621	223.439	153.435	121.480	111.284
81.0	240.846	204.539	139.012	108.549	98.850
81.5	222.568	186.261	124.837	95.742	86.167
82.0	204.788	168.605	111.408	83.432	73.609
82.5	187.504	151.446	98.228	70.749	60.305

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CANDELA TABULATION - (Cont.)

83.0	170.719	134.784	85.297	57.818	46.006
83.5	154.430	118.620	72.863	43.519	30.712
84.0	138.639	103.326	60.678	28.971	23.749
84.5	123.469	88.654	48.368	22.132	21.013
85.0	108.797	74.728	34.442	19.397	18.651
85.5	94.747	61.673	20.889	17.035	16.413
86.0	81.194	49.239	16.413	14.672	14.175
86.5	68.014	37.551	13.926	12.434	11.937
87.0	55.704	26.111	11.564	10.320	9.823
87.5	43.892	13.802	9.201	8.082	7.833
88.0	32.826	8.704	7.087	6.093	5.720
88.5	22.630	6.466	4.974	4.228	3.979
89.0	13.802	4.228	2.984	2.487	2.362
89.5	6.217	2.238	1.492	1.243	0.995
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 : LRX2X-8-L12-940-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 : LRX2X-8-L12-940-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 : LRX2X-8-L12-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1402.75	N.A.	16.70
0-30	2855.63	N.A.	34.10
0-40	4449.68	N.A.	53.10
0-60	7124.32	N.A.	85.00
0-80	8315.36	N.A.	99.20
0-90	8386.28	N.A.	100.00
10-90	8012.83	N.A.	95.50
20-40	3046.93	N.A.	36.30
20-50	4530.31	N.A.	54.00
40-70	3475.39	N.A.	41.40
60-80	1191.04	N.A.	14.20
70-80	390.29	N.A.	4.70
80-90	70.92	N.A.	0.80
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	8386.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	373.45
10-20	1029.3
20-30	1452.88
30-40	1594.05
40-50	1483.37
50-60	1191.27
60-70	800.75
70-80	390.29
80-90	70.92
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 : LRX2X-8-L12-940-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	99	107	104	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-8-L12-940-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

X=2H	Y=2H	21.6	23.1	22.0	23.5	23.8	19.5	21.0	19.8	21.3	21.6
	3H	23.2	24.6	23.6	24.9	25.3	20.7	22.1	21.1	22.4	22.8
	4H	23.8	25.1	24.2	25.4	25.8	21.1	22.4	21.5	22.8	23.1
	6H	24.1	25.3	24.5	25.7	26.1	21.3	22.5	21.7	22.9	23.2
	8H	24.2	25.4	24.7	25.8	26.2	21.3	22.4	21.7	22.8	23.2
	12H	24.3	25.4	24.7	25.8	26.2	21.3	22.4	21.7	22.8	23.2

UGR Viewed Endwise

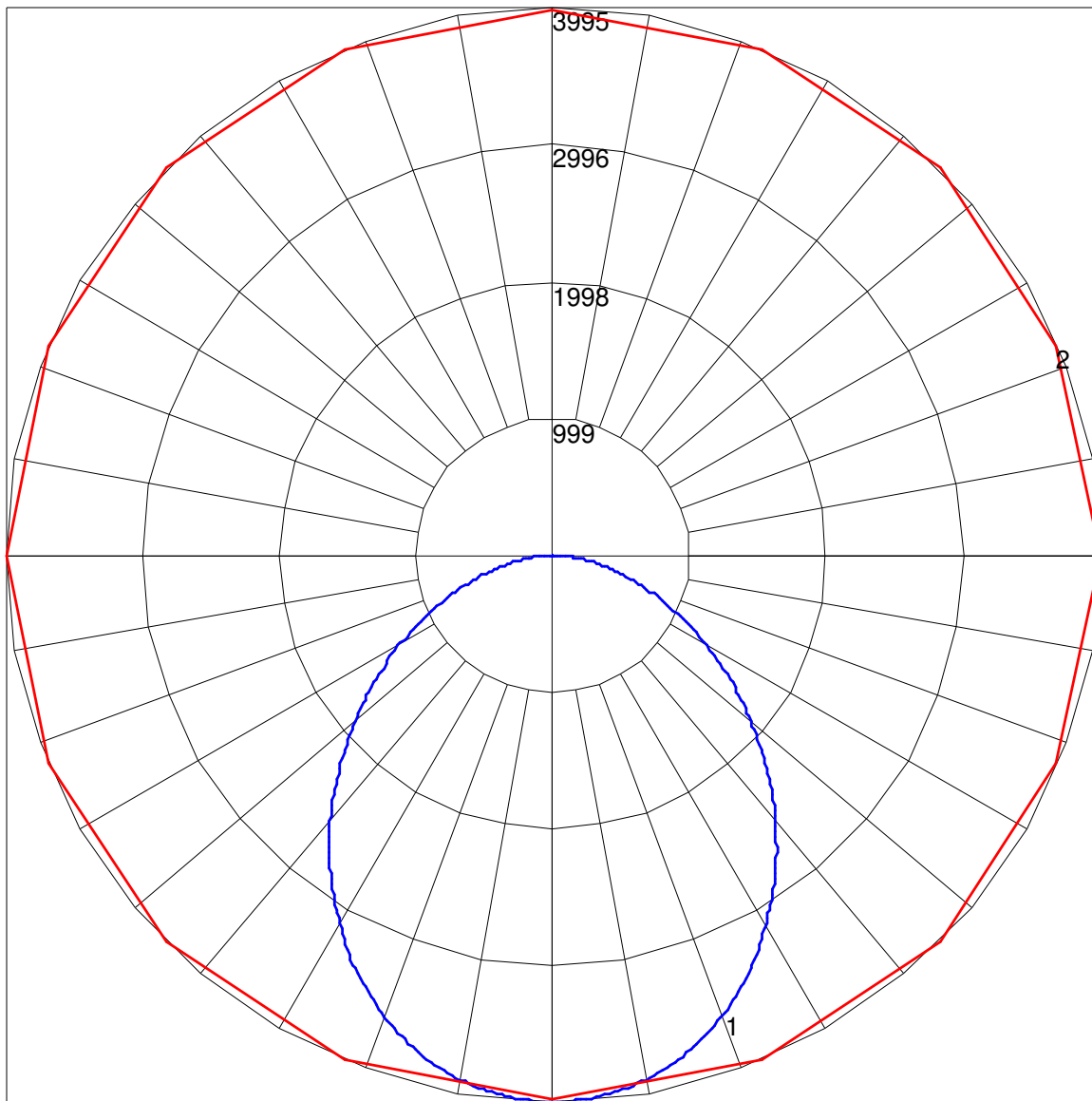
4H	2H	21.9	23.2	22.3	23.6	23.9	20.2	21.5	20.6	21.8	22.2
	3H	23.7	24.8	24.2	25.2	25.6	21.6	22.7	22.0	23.1	23.5
	4H	24.4	25.4	24.9	25.8	26.2	22.1	23.0	22.5	23.5	23.9
	6H	24.9	25.8	25.4	26.2	26.7	22.3	23.2	22.8	23.6	24.1
	8H	25.0	25.8	25.5	26.3	26.7	22.3	23.1	22.8	23.6	24.0
	12H	25.1	25.8	25.6	26.3	26.8	22.3	23.0	22.8	23.5	24.0

8H	4H	24.5	25.3	25.0	25.7	26.2	22.4	23.1	22.8	23.6	24.1
	6H	25.1	25.7	25.6	26.2	26.7	22.7	23.3	23.2	23.8	24.3
	8H	25.3	25.8	25.8	26.4	26.8	22.7	23.3	23.2	23.8	24.3
	12H	25.4	25.9	25.9	26.4	27.0	22.7	23.2	23.2	23.7	24.3

12H	4H	24.5	25.2	25.0	25.7	26.1	22.4	23.1	22.9	23.6	24.0
	6H	25.1	25.7	25.6	26.1	26.7	22.7	23.3	23.3	23.8	24.3
	8H	25.3	25.8	25.8	26.3	26.8	22.8	23.3	23.3	23.8	24.3

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 3995.038 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.)