

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-840-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-L12-840-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	9929
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
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	12110	10736	9504
55	10600	9162	7782
65	9019	7536	6261
75	7241	5659	4609
85	4689	2907	2224

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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	4599.234	4599.234	4599.234	4599.234	4599.234
0.5	4621.718	4589.241	4600.483	4596.736	4594.237
1.0	4620.469	4587.992	4599.234	4595.487	4592.988
1.5	4619.220	4585.494	4597.985	4592.988	4590.490
2.0	4616.722	4584.245	4594.237	4587.992	4589.241
2.5	4615.472	4581.746	4591.739	4585.494	4584.245
3.0	4611.725	4577.999	4587.992	4579.248	4577.999
3.5	4609.227	4574.252	4582.995	4574.252	4571.753
4.0	4602.981	4569.255	4577.999	4568.006	4564.259
4.5	4600.483	4564.259	4571.753	4560.511	4555.515
5.0	4594.237	4559.262	4564.259	4553.017	4548.020
5.5	4591.739	4551.768	4556.764	4543.024	4536.778
6.0	4580.497	4545.522	4548.020	4533.031	4526.785
6.5	4574.252	4539.277	4538.027	4521.789	4514.294
7.0	4566.757	4530.533	4529.284	4510.547	4503.052
7.5	4559.262	4521.789	4518.042	4498.056	4489.312
8.0	4550.519	4511.796	4508.049	4484.316	4474.323
8.5	4541.775	4503.052	4496.807	4469.326	4459.333
9.0	4531.782	4493.059	4483.066	4454.337	4444.344
9.5	4520.540	4480.568	4470.575	4438.098	4426.856
10.0	4511.796	4469.326	4455.586	4423.109	4410.618
10.5	4498.056	4456.835	4441.846	4406.871	4393.130
11.0	4485.565	4444.344	4425.607	4388.134	4375.643
11.5	4473.074	4430.604	4409.369	4369.397	4354.408
12.0	4459.333	4416.863	4393.130	4349.411	4334.422
12.5	4443.095	4400.625	4375.643	4329.426	4311.938
13.0	4429.355	4385.636	4356.906	4308.191	4290.703
13.5	4415.614	4369.397	4338.169	4286.956	4269.468
14.0	4398.127	4353.159	4319.433	4263.223	4244.486
14.5	4383.137	4334.422	4298.198	4240.739	4220.753
15.0	4365.650	4316.934	4276.963	4217.005	4195.770
15.5	4348.162	4298.198	4255.728	4192.023	4170.788
16.0	4329.426	4279.461	4233.244	4167.041	4143.308
16.5	4311.938	4260.724	4210.760	4140.809	4117.076
17.0	4291.952	4239.489	4187.027	4114.578	4088.347
17.5	4273.215	4218.254	4164.543	4087.098	4059.617
18.0	4251.981	4198.269	4139.560	4059.617	4030.888
18.5	4233.244	4175.785	4114.578	4030.888	3999.660
19.0	4210.760	4153.301	4088.347	4000.909	3968.432
19.5	4189.525	4130.817	4062.115	3972.179	3937.204
20.0	4167.041	4107.083	4034.635	3942.201	3905.976
20.5	4144.557	4083.350	4007.154	3910.973	3873.499
21.0	4120.824	4059.617	3979.674	3879.745	3839.773
21.5	4098.340	4033.386	3950.944	3847.268	3807.296
22.0	4073.357	4008.404	3920.966	3814.791	3774.819
22.5	4048.375	3982.172	3890.987	3782.314	3739.844
23.0	4024.642	3957.190	3862.257	3747.339	3704.869
23.5	3999.660	3929.709	3831.029	3713.613	3669.894
24.0	3973.428	3902.229	3799.802	3679.887	3633.670
24.5	3947.197	3874.748	3767.325	3644.912	3598.694
25.0	3919.716	3847.268	3736.097	3609.936	3562.470
25.5	3890.987	3817.289	3703.620	3573.712	3523.748
26.0	3863.506	3788.560	3668.645	3537.488	3486.274
26.5	3836.026	3758.581	3636.168	3501.264	3447.552

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CANDELA TABULATION - (Cont.)

27.0	3806.047	3728.602	3601.193	3463.790	3410.078
27.5	3774.819	3697.374	3567.467	3426.317	3372.605
28.0	3746.090	3667.396	3532.491	3387.594	3332.633
28.5	3716.111	3636.168	3498.765	3350.121	3293.911
29.0	3686.132	3604.940	3463.790	3311.398	3256.437
29.5	3651.157	3572.463	3427.566	3272.676	3216.466
30.0	3617.431	3538.737	3391.342	3233.953	3177.743
30.5	3586.203	3506.260	3356.367	3196.480	3137.772
31.0	3553.726	3473.783	3320.142	3157.758	3097.800
31.5	3522.499	3440.057	3283.918	3117.786	3057.829
32.0	3487.523	3406.331	3246.445	3079.063	3019.106
32.5	3455.046	3371.356	3210.220	3039.092	2977.885
33.0	3421.320	3337.630	3171.498	3000.369	2939.163
33.5	3387.594	3302.655	3136.523	2960.398	2896.693
34.0	3355.117	3267.680	3097.800	2921.675	2857.970
34.5	3321.391	3233.953	3060.327	2882.953	2819.248
35.0	3287.665	3197.729	3021.604	2842.981	2779.276
35.5	3252.690	3161.505	2984.131	2805.508	2738.056
36.0	3220.213	3126.530	2946.657	2765.536	2700.582
36.5	3185.238	3090.305	2907.935	2726.814	2660.611
37.0	3149.014	3054.081	2871.711	2688.091	2623.137
37.5	3114.039	3017.857	2834.237	2648.119	2583.166
38.0	3079.063	2980.384	2795.515	2609.397	2543.194
38.5	3042.839	2945.408	2758.041	2570.674	2504.471
39.0	3005.366	2907.935	2720.568	2531.952	2465.749
39.5	2970.391	2871.711	2681.846	2493.229	2427.026
40.0	2934.166	2834.237	2644.372	2457.005	2389.553
40.5	2895.444	2798.013	2605.650	2418.283	2349.581
41.0	2859.220	2760.540	2568.176	2379.560	2308.361
41.5	2822.995	2724.315	2530.703	2340.838	2269.638
42.0	2784.273	2686.842	2493.229	2300.866	2229.667
42.5	2744.301	2648.119	2455.756	2263.393	2190.944
43.0	2706.828	2610.646	2418.283	2222.172	2152.222
43.5	2670.604	2574.422	2380.809	2183.449	2115.997
44.0	2630.632	2536.948	2343.336	2147.225	2078.524
44.5	2593.159	2499.475	2302.115	2109.752	2041.051
45.0	2554.436	2463.251	2264.642	2073.528	2004.826
45.5	2515.714	2424.528	2225.919	2037.303	1967.353
46.0	2478.240	2388.304	2189.695	2001.079	1931.129
46.5	2440.767	2350.831	2153.471	1966.104	1896.153
47.0	2402.044	2313.357	2117.246	1929.880	1859.929
47.5	2363.322	2273.386	2082.271	1894.904	1824.954
48.0	2325.848	2234.663	2047.296	1859.929	1788.730
48.5	2287.126	2198.439	2011.072	1824.954	1753.755
49.0	2245.905	2160.965	1976.097	1789.979	1720.029
49.5	2209.681	2125.990	1942.371	1755.004	1686.303
50.0	2172.207	2089.766	1907.395	1721.278	1652.576
50.5	2137.232	2053.542	1872.420	1687.552	1618.850
51.0	2099.759	2018.567	1837.445	1652.576	1585.124
51.5	2063.535	1982.342	1803.719	1620.100	1552.647
52.0	2028.559	1946.118	1768.744	1586.373	1520.170
52.5	1992.335	1911.143	1735.018	1553.897	1488.943
53.0	1956.111	1876.168	1701.292	1521.420	1457.715
53.5	1919.887	1841.193	1668.815	1488.943	1425.238
54.0	1884.911	1806.217	1633.840	1457.715	1394.010
54.5	1848.687	1772.491	1601.363	1425.238	1362.782

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CANDELA TABULATION - (Cont.)

55.0	1813.712	1737.516	1567.637	1395.259	1331.554
55.5	1777.488	1703.790	1535.160	1362.782	1301.576
56.0	1741.263	1668.815	1502.683	1332.804	1271.597
56.5	1706.288	1635.089	1470.206	1302.825	1243.492
57.0	1670.064	1601.363	1436.480	1272.846	1213.888
57.5	1635.089	1568.886	1405.252	1242.867	1185.033
58.0	1600.114	1535.160	1372.775	1213.388	1156.679
58.5	1565.139	1501.434	1340.298	1184.284	1128.324
59.0	1530.163	1468.957	1309.070	1155.679	1100.219
59.5	1495.188	1436.480	1277.843	1127.075	1072.863
60.0	1461.462	1404.003	1246.365	1098.345	1045.632
60.5	1427.736	1371.526	1215.887	1070.365	1018.402
61.0	1394.010	1340.298	1184.784	1042.635	991.671
61.5	1361.533	1307.821	1154.555	1014.654	965.314
62.0	1327.807	1275.344	1124.077	987.923	939.833
62.5	1295.330	1244.491	1094.598	961.068	913.851
63.0	1262.853	1213.638	1065.244	934.336	888.369
63.5	1231.001	1182.785	1035.889	907.356	862.637
64.0	1200.023	1152.182	1007.285	881.374	837.905
64.5	1168.046	1121.579	978.430	855.517	813.297
65.0	1137.068	1091.600	950.075	829.661	789.314
65.5	1106.339	1061.246	921.471	804.304	764.832
66.0	1075.736	1031.143	893.865	779.571	740.849
66.5	1045.383	1001.414	866.135	754.464	716.616
67.0	1014.654	971.935	838.779	729.607	693.383
67.5	983.926	942.456	811.799	705.624	670.149
68.0	954.447	913.476	784.568	681.516	646.666
68.5	924.344	884.747	757.962	657.783	624.057
69.0	894.490	856.017	731.605	634.175	601.573
69.5	865.510	827.412	705.874	610.816	579.713
70.0	836.156	798.933	679.642	587.957	557.604
70.5	807.177	770.953	653.911	565.224	536.244
71.0	778.197	743.222	628.928	543.114	514.635
71.5	749.843	715.242	603.946	521.130	493.774
72.0	721.613	688.011	579.214	499.270	472.914
72.5	693.508	661.031	554.606	477.911	452.679
73.0	666.152	634.424	530.498	456.426	432.818
73.5	638.796	607.444	506.765	435.940	412.957
74.0	611.940	580.962	483.282	415.330	393.221
74.5	585.334	554.981	460.048	395.344	374.484
75.0	559.103	529.374	436.940	375.234	355.872
75.5	533.371	504.267	414.581	356.122	337.385
76.0	508.264	479.410	392.721	337.011	319.523
76.5	483.032	454.552	370.862	318.649	302.036
77.0	459.174	430.319	349.877	300.287	284.673
77.5	434.941	406.461	329.016	282.549	267.685
78.0	410.833	382.978	308.406	265.187	251.571
78.5	386.975	359.745	288.670	248.324	235.208
79.0	364.241	337.385	269.309	231.710	219.469
79.5	341.882	314.652	250.447	215.097	204.105
80.0	319.648	292.917	231.710	199.483	189.241
80.5	297.539	271.307	213.473	183.994	174.501
81.0	276.179	250.322	195.986	169.255	160.511
81.5	255.069	229.962	178.873	154.640	146.646
82.0	234.708	209.351	162.635	140.400	132.906
82.5	214.847	189.865	146.646	126.535	119.790

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CANDELA TABULATION - (Cont.)

83.0	195.236	170.629	131.157	113.045	106.424
83.5	175.875	152.267	116.542	99.804	93.683
84.0	157.388	134.280	102.302	86.813	81.317
84.5	139.151	117.292	88.687	74.447	69.451
85.0	121.913	100.928	75.571	62.830	57.834
85.5	105.175	85.190	63.080	50.964	45.343
86.0	89.436	70.200	51.838	38.723	31.603
86.5	73.823	56.710	40.971	24.483	19.486
87.0	59.458	43.969	29.229	15.489	13.865
87.5	46.092	32.727	16.863	11.867	10.867
88.0	33.726	22.359	10.617	9.119	8.494
88.5	23.234	12.491	7.869	6.620	5.871
89.0	14.615	6.246	5.246	4.247	3.747
89.5	7.245	3.373	2.873	2.123	1.874
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-L12-840-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-L12-840-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-L12-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1633.69	N.A.	16.50
0-30	3348.77	N.A.	33.70
0-40	5238.04	N.A.	52.80
0-60	8394.18	N.A.	84.50
0-80	9826.37	N.A.	99.00
0-90	9929.21	N.A.	100.00
10-90	9497.27	N.A.	95.60
20-40	3604.36	N.A.	36.30
20-50	5356.34	N.A.	53.90
40-70	4107.82	N.A.	41.40
60-80	1432.19	N.A.	14.40
70-80	480.51	N.A.	4.80
80-90	102.83	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	9929.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	431.94
10-20	1201.75
20-30	1715.08
30-40	1889.28
40-50	1751.98
50-60	1404.16
60-70	951.68
70-80	480.51
80-90	102.83
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-L12-840-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-8-L12-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

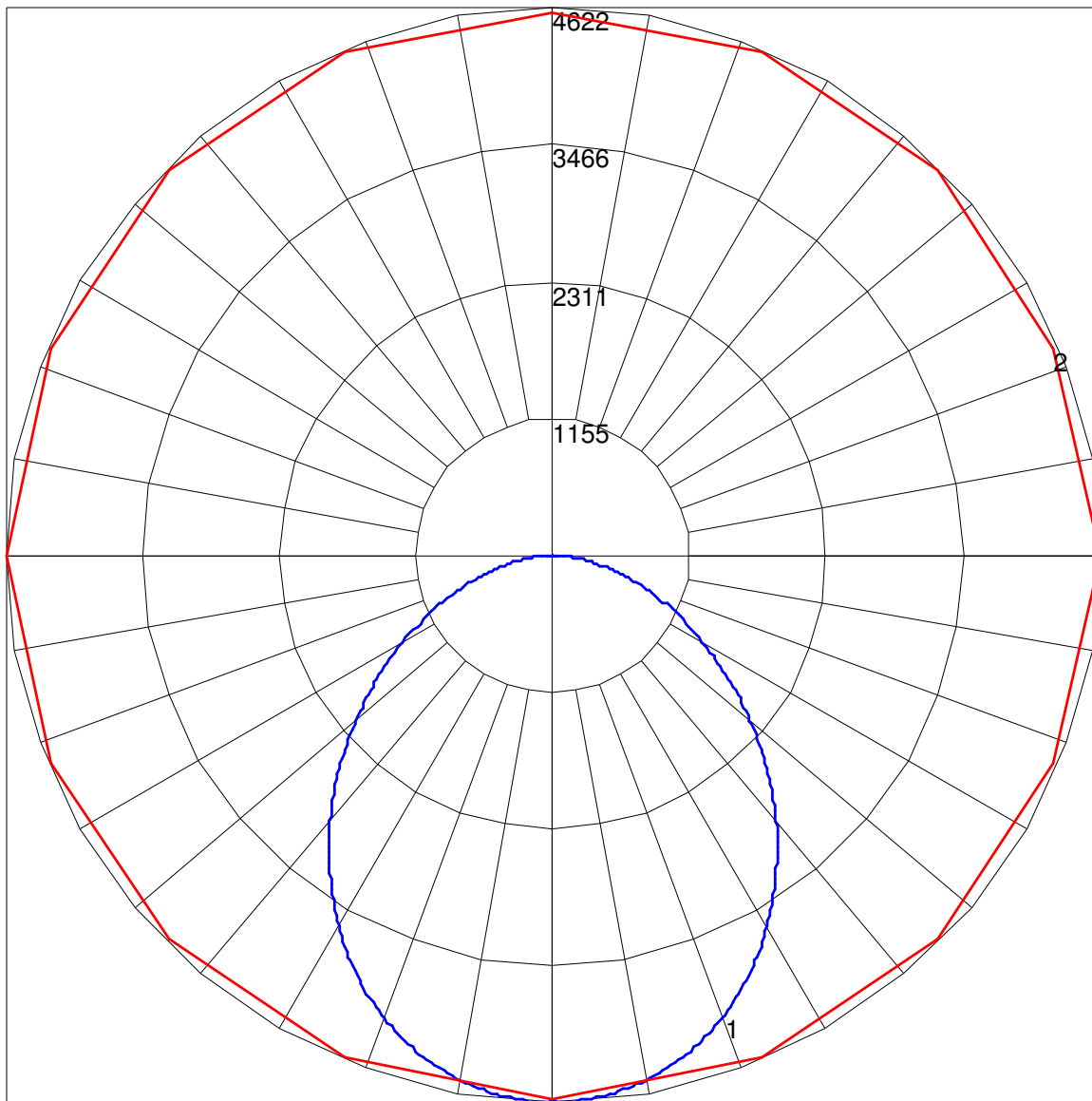
Reflectances

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	20.1	21.7	20.5	22.0	22.3	18.4	19.9	18.8	20.2	20.6
	3H	21.7	23.1	22.1	23.4	23.8	19.7	21.1	20.1	21.4	21.8
	4H	22.3	23.6	22.7	23.9	24.3	20.2	21.5	20.6	21.8	22.2
	6H	22.6	23.8	23.0	24.2	24.6	20.4	21.6	20.8	22.0	22.4
	8H	22.7	23.9	23.2	24.3	24.7	20.5	21.6	20.9	22.0	22.4
	12H	22.8	23.9	23.2	24.3	24.7	20.5	21.6	20.9	22.0	22.4
4H	2H	20.5	21.8	20.9	22.1	22.5	19.1	20.4	19.5	20.7	21.1
	3H	22.3	23.4	22.7	23.8	24.2	20.6	21.7	21.0	22.1	22.5
	4H	23.0	23.9	23.4	24.4	24.8	21.1	22.1	21.5	22.5	22.9
	6H	23.5	24.3	23.9	24.8	25.2	21.5	22.3	21.9	22.8	23.2
	8H	23.6	24.4	24.1	24.9	25.3	21.5	22.3	22.0	22.8	23.2
	12H	23.7	24.4	24.2	24.9	25.4	21.6	22.3	22.1	22.8	23.2
8H	4H	23.1	23.9	23.6	24.3	24.8	21.4	22.2	21.9	22.7	23.1
	6H	23.7	24.3	24.2	24.8	25.3	21.8	22.5	22.3	23.0	23.5
	8H	23.9	24.5	24.4	25.0	25.5	22.0	22.6	22.5	23.1	23.6
	12H	24.0	24.5	24.5	25.0	25.6	22.0	22.6	22.5	23.0	23.6
12H	4H	23.1	23.8	23.6	24.3	24.7	21.5	22.2	21.9	22.6	23.1
	6H	23.7	24.3	24.2	24.7	25.3	21.9	22.5	22.4	23.0	23.5
	8H	23.9	24.4	24.4	24.9	25.5	22.1	22.6	22.6	23.1	23.6

Maximum UGR = 25.6

POLAR GRAPH



Maximum Candela = 4621.718 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.)