

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-835-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-L12-835-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	9640
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
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	11757	10423	9227
55	10291	8895	7555
65	8756	7316	6078
75	7031	5494	4475
85	4552	2822	2160

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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	4465.276	4465.276	4465.276	4465.276	4465.276
0.5	4487.105	4455.574	4466.488	4462.850	4460.425
1.0	4485.892	4454.361	4465.276	4461.637	4459.212
1.5	4484.679	4451.936	4464.063	4459.212	4456.786
2.0	4482.254	4450.723	4460.425	4454.361	4455.574
2.5	4481.041	4448.297	4457.999	4451.936	4450.723
3.0	4477.403	4444.659	4454.361	4445.872	4444.659
3.5	4474.977	4441.021	4449.510	4441.021	4438.595
4.0	4468.914	4436.170	4444.659	4434.957	4431.319
4.5	4466.488	4431.319	4438.595	4427.681	4422.830
5.0	4460.425	4426.468	4431.319	4420.405	4415.554
5.5	4457.999	4419.192	4424.043	4410.703	4404.639
6.0	4447.085	4413.128	4415.554	4401.001	4394.937
6.5	4441.021	4407.064	4405.852	4390.086	4382.810
7.0	4433.745	4398.575	4397.363	4379.172	4371.895
7.5	4426.468	4390.086	4386.448	4367.044	4358.555
8.0	4417.979	4380.384	4376.746	4353.704	4344.002
8.5	4409.490	4371.895	4365.832	4339.152	4329.450
9.0	4399.788	4362.193	4352.492	4324.599	4314.897
9.5	4388.874	4350.066	4340.364	4308.833	4297.919
10.0	4380.384	4339.152	4325.811	4294.280	4282.153
10.5	4367.044	4327.024	4312.471	4278.515	4265.175
11.0	4354.917	4314.897	4296.706	4260.324	4248.197
11.5	4342.790	4301.557	4280.940	4242.133	4227.580
12.0	4329.450	4288.217	4265.175	4222.729	4208.177
12.5	4313.684	4272.451	4248.197	4203.326	4186.347
13.0	4300.344	4257.899	4230.006	4182.709	4165.731
13.5	4287.004	4242.133	4211.815	4162.093	4145.115
14.0	4270.026	4226.368	4193.624	4139.051	4120.860
14.5	4255.473	4208.177	4173.007	4117.222	4097.818
15.0	4238.495	4191.198	4152.391	4094.180	4073.563
15.5	4221.517	4173.007	4131.775	4069.925	4049.309
16.0	4203.326	4154.816	4109.945	4045.671	4022.629
16.5	4186.347	4136.625	4088.116	4020.203	3997.161
17.0	4166.944	4116.009	4065.074	3994.736	3969.269
17.5	4148.753	4095.393	4043.245	3968.056	3941.376
18.0	4128.136	4075.989	4018.991	3941.376	3913.483
18.5	4109.945	4054.160	3994.736	3913.483	3883.165
19.0	4088.116	4032.331	3969.269	3884.377	3852.846
19.5	4067.500	4010.501	3943.801	3856.485	3822.528
20.0	4045.671	3987.460	3917.121	3827.379	3792.210
20.5	4023.841	3964.418	3890.441	3797.061	3760.679
21.0	4000.800	3941.376	3863.761	3766.742	3727.935
21.5	3978.970	3915.908	3835.868	3735.211	3696.404
22.0	3954.716	3891.654	3806.763	3703.680	3664.873
22.5	3930.461	3866.186	3777.657	3672.149	3630.917
23.0	3907.419	3841.932	3749.764	3638.193	3596.960
23.5	3883.165	3815.252	3719.446	3605.449	3563.004
24.0	3857.697	3788.572	3689.128	3572.706	3527.834
24.5	3832.230	3761.892	3657.597	3538.749	3493.878
25.0	3805.550	3735.211	3627.278	3504.793	3458.709
25.5	3777.657	3706.106	3595.747	3469.623	3421.114
26.0	3750.977	3678.213	3561.791	3434.454	3384.732
26.5	3724.297	3649.108	3530.260	3399.285	3347.138

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CANDELA TABULATION - (Cont.)

27.0	3695.191	3620.002	3496.303	3362.903	3310.756
27.5	3664.873	3589.684	3463.560	3326.521	3274.374
28.0	3636.980	3560.578	3429.603	3288.926	3235.566
28.5	3607.875	3530.260	3396.860	3252.545	3197.972
29.0	3578.769	3499.942	3362.903	3214.950	3161.590
29.5	3544.813	3468.411	3327.734	3177.355	3122.782
30.0	3512.069	3435.667	3292.565	3139.761	3085.188
30.5	3481.751	3404.136	3258.608	3103.379	3046.380
31.0	3450.220	3372.605	3223.439	3065.784	3007.573
31.5	3419.901	3339.861	3188.270	3026.977	2968.765
32.0	3385.945	3307.117	3151.888	2989.382	2931.171
32.5	3354.414	3273.161	3116.719	2950.575	2891.151
33.0	3321.670	3240.417	3079.124	2912.980	2853.556
33.5	3288.926	3206.461	3045.168	2874.172	2812.323
34.0	3257.395	3172.504	3007.573	2836.578	2774.729
34.5	3224.652	3139.761	2971.191	2798.983	2737.134
35.0	3191.908	3104.591	2933.596	2760.176	2698.326
35.5	3157.952	3069.422	2897.214	2723.794	2658.306
36.0	3126.421	3035.466	2860.832	2684.986	2621.924
36.5	3092.464	3000.297	2823.238	2647.392	2583.117
37.0	3057.295	2965.127	2788.069	2609.797	2546.735
37.5	3023.338	2929.958	2751.687	2570.990	2507.928
38.0	2989.382	2893.576	2714.092	2533.395	2469.120
38.5	2954.213	2859.620	2677.710	2495.800	2431.526
39.0	2917.831	2823.238	2641.328	2458.206	2393.931
39.5	2883.874	2788.069	2603.733	2420.611	2356.336
40.0	2848.705	2751.687	2567.352	2385.442	2319.954
40.5	2811.110	2716.517	2529.757	2347.847	2281.147
41.0	2775.941	2680.136	2493.375	2310.253	2241.127
41.5	2740.772	2644.966	2456.993	2272.658	2203.532
42.0	2703.177	2608.584	2420.611	2233.851	2164.725
42.5	2664.370	2570.990	2384.229	2197.469	2127.130
43.0	2627.988	2534.608	2347.847	2157.448	2089.536
43.5	2592.819	2499.439	2311.465	2119.854	2054.366
44.0	2554.011	2463.057	2275.083	2084.685	2017.984
44.5	2517.630	2426.675	2235.063	2048.303	1981.602
45.0	2480.035	2391.506	2198.681	2013.133	1946.433
45.5	2442.440	2353.911	2161.087	1977.964	1910.051
46.0	2406.058	2318.742	2125.917	1942.795	1874.882
46.5	2369.676	2282.360	2090.748	1908.839	1840.926
47.0	2332.082	2245.978	2055.579	1873.669	1805.756
47.5	2294.487	2207.170	2021.623	1839.713	1771.800
48.0	2258.105	2169.576	1987.666	1805.756	1736.631
48.5	2220.510	2134.407	1952.497	1771.800	1702.674
49.0	2180.490	2098.025	1918.540	1737.844	1669.931
49.5	2145.321	2064.068	1885.797	1703.887	1637.187
50.0	2108.939	2028.899	1851.840	1671.143	1604.443
50.5	2074.983	1993.730	1817.884	1638.400	1571.699
51.0	2038.601	1959.773	1783.927	1604.443	1538.956
51.5	2003.432	1924.604	1751.184	1572.912	1507.425
52.0	1969.475	1889.435	1717.227	1540.168	1475.894
52.5	1934.306	1855.478	1684.483	1508.637	1445.575
53.0	1899.137	1821.522	1651.740	1477.106	1415.257
53.5	1863.968	1787.565	1620.209	1445.575	1383.726
54.0	1830.011	1753.609	1586.252	1415.257	1353.408
54.5	1794.842	1720.865	1554.721	1383.726	1323.090

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CANDELA TABULATION - (Cont.)

55.0	1760.885	1686.909	1521.977	1354.621	1292.771
55.5	1725.716	1654.165	1490.446	1323.090	1263.666
56.0	1690.547	1620.209	1458.915	1293.984	1234.560
56.5	1656.591	1587.465	1427.384	1264.878	1207.274
57.0	1621.421	1554.721	1394.641	1235.773	1178.532
57.5	1587.465	1523.190	1364.322	1206.667	1150.518
58.0	1553.508	1490.446	1332.791	1178.047	1122.989
58.5	1519.552	1457.703	1301.260	1149.790	1095.460
59.0	1485.595	1426.172	1270.942	1122.019	1068.173
59.5	1451.639	1394.641	1240.624	1094.247	1041.615
60.0	1418.895	1363.110	1210.063	1066.354	1015.177
60.5	1386.152	1331.579	1180.472	1039.189	988.740
61.0	1353.408	1301.260	1150.275	1012.267	962.787
61.5	1321.877	1269.729	1120.927	985.101	937.199
62.0	1289.133	1238.198	1091.337	959.149	912.459
62.5	1257.602	1208.244	1062.716	933.075	887.234
63.0	1226.071	1178.289	1034.217	907.123	862.494
63.5	1195.146	1148.335	1005.718	880.928	837.512
64.0	1165.071	1118.623	977.946	855.703	813.500
64.5	1134.025	1088.911	949.932	830.599	789.609
65.0	1103.949	1059.806	922.403	805.496	766.325
65.5	1074.116	1030.336	894.632	780.877	742.555
66.0	1044.404	1001.109	867.830	756.865	719.271
66.5	1014.935	972.246	840.908	732.490	695.744
67.0	985.101	943.626	814.349	708.356	673.187
67.5	955.268	915.006	788.154	685.072	650.630
68.0	926.648	886.870	761.716	661.666	627.831
68.5	897.421	858.977	735.885	638.624	605.880
69.0	868.437	831.085	710.297	615.704	584.051
69.5	840.301	803.313	685.314	593.025	562.828
70.0	811.802	775.663	659.847	570.832	541.363
70.5	783.667	748.498	634.865	548.761	520.625
71.0	755.531	721.575	610.610	527.295	499.645
71.5	728.002	694.410	586.355	505.951	479.393
72.0	700.595	667.972	562.343	484.729	459.140
72.5	673.308	641.777	538.453	463.991	439.494
73.0	646.749	615.946	515.047	443.132	420.211
73.5	620.191	589.751	492.005	423.243	400.929
74.0	594.117	564.041	469.206	403.233	381.768
74.5	568.286	538.816	446.649	383.829	363.577
75.0	542.818	513.955	424.213	364.304	345.507
75.5	517.836	489.580	402.505	345.750	327.559
76.0	493.460	465.446	381.283	327.195	310.217
76.5	468.963	441.313	360.060	309.368	293.238
77.0	445.800	417.786	339.686	291.541	276.381
77.5	422.273	394.623	319.433	274.320	259.888
78.0	398.867	371.823	299.423	257.463	244.244
78.5	375.704	349.267	280.262	241.091	228.357
79.0	353.632	327.559	261.465	224.962	213.077
79.5	331.924	305.487	243.153	208.832	198.160
80.0	310.338	284.385	224.962	193.673	183.729
80.5	288.873	263.405	207.256	178.635	169.419
81.0	268.135	243.031	190.277	164.325	155.836
81.5	247.640	223.264	173.663	150.136	142.375
82.0	227.872	203.254	157.898	136.311	129.035
82.5	208.590	184.335	142.375	122.850	116.301

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CANDELA TABULATION - (Cont.)

83.0	189.550	165.659	127.337	109.752	103.325
83.5	170.753	147.832	113.148	96.897	90.955
84.0	152.804	130.369	99.323	84.285	78.949
84.5	135.098	113.875	86.104	72.279	67.428
85.0	118.363	97.989	73.370	61.000	56.149
85.5	102.112	82.708	61.243	49.479	44.022
86.0	86.832	68.155	50.328	37.595	30.682
86.5	71.672	55.058	39.778	23.770	18.919
87.0	57.726	42.688	28.378	15.038	13.461
87.5	44.750	31.774	16.372	11.521	10.551
88.0	32.744	21.708	10.308	8.853	8.247
88.5	22.557	12.127	7.640	6.427	5.700
89.0	14.189	6.064	5.093	4.123	3.638
89.5	7.034	3.274	2.789	2.062	1.819
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-L12-835-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-L12-835-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-L12-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1586.1	N.A.	16.50
0-30	3251.23	N.A.	33.70
0-40	5085.48	N.A.	52.80
0-60	8149.69	N.A.	84.50
0-80	9540.17	N.A.	99.00
0-90	9640.01	N.A.	100.00
10-90	9220.65	N.A.	95.60
20-40	3499.38	N.A.	36.30
20-50	5200.33	N.A.	53.90
40-70	3988.18	N.A.	41.40
60-80	1390.47	N.A.	14.40
70-80	466.51	N.A.	4.80
80-90	99.84	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	9640.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	419.36
10-20	1166.75
20-30	1665.13
30-40	1834.25
40-50	1700.95
50-60	1363.26
60-70	923.96
70-80	466.51
80-90	99.84
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-L12-835-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

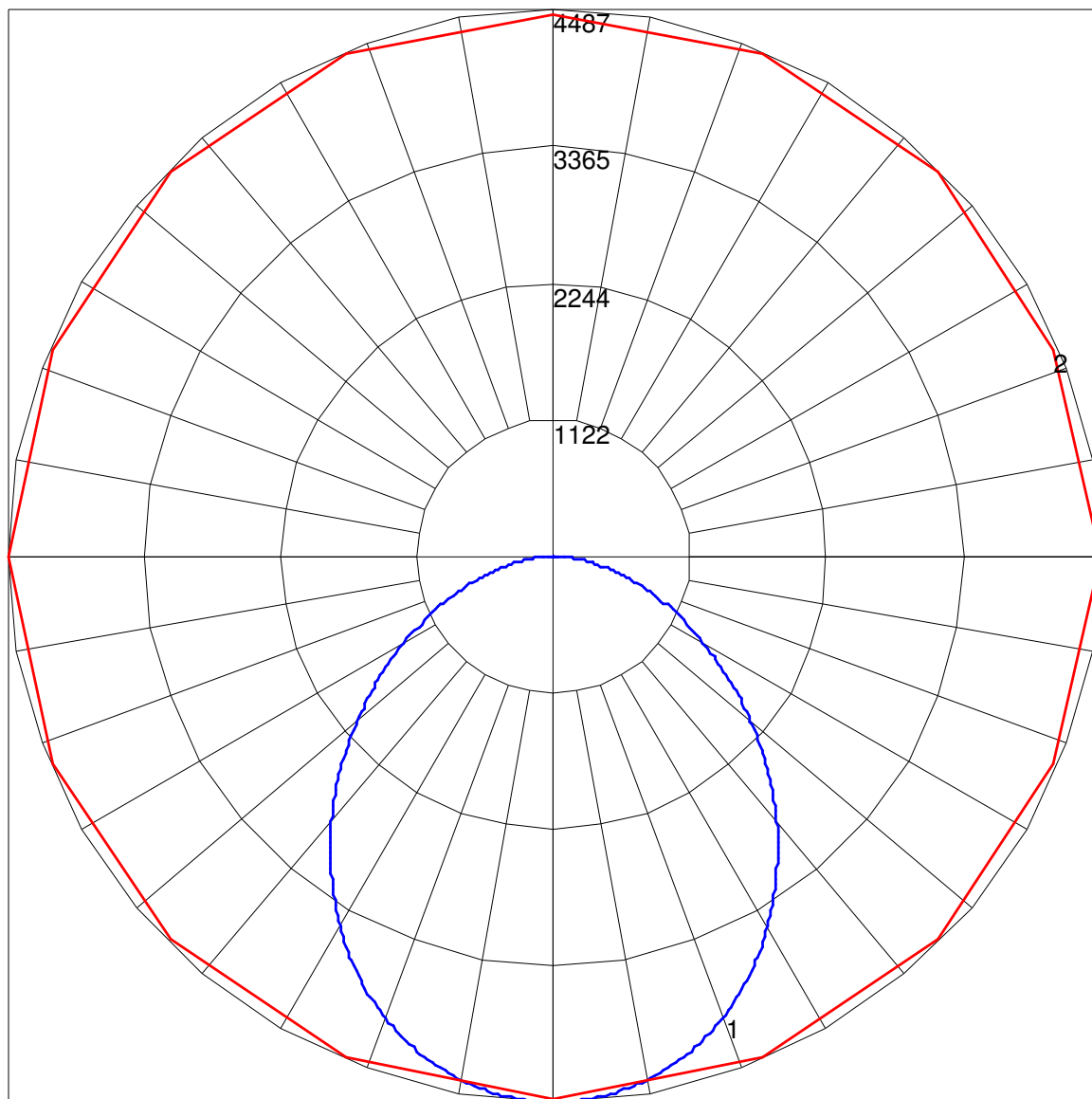
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L12-835-DMA-DIM-UNV_.IES

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	20.0	21.6	20.4	21.9	22.2	18.3	19.8	18.7	20.1	20.5
	3H	21.6	23.0	22.0	23.3	23.7	19.6	21.0	20.0	21.3	21.7
	4H	22.2	23.5	22.6	23.8	24.2	20.1	21.4	20.5	21.7	22.1
	6H	22.5	23.7	22.9	24.1	24.5	20.3	21.5	20.7	21.9	22.3
	8H	22.6	23.8	23.1	24.2	24.6	20.4	21.5	20.8	21.9	22.3
	12H	22.7	23.8	23.1	24.2	24.6	20.4	21.5	20.8	21.9	22.3
4H	2H	20.4	21.7	20.8	22.0	22.4	19.0	20.3	19.4	20.6	21.0
	3H	22.2	23.3	22.6	23.7	24.1	20.5	21.6	20.9	22.0	22.4
	4H	22.9	23.8	23.3	24.3	24.7	21.0	22.0	21.4	22.4	22.8
	6H	23.4	24.2	23.8	24.7	25.1	21.4	22.2	21.8	22.7	23.1
	8H	23.5	24.3	24.0	24.8	25.2	21.4	22.2	21.9	22.7	23.1
	12H	23.6	24.3	24.1	24.8	25.3	21.5	22.2	22.0	22.7	23.1
8H	4H	23.0	23.8	23.5	24.2	24.7	21.3	22.1	21.8	22.6	23.0
	6H	23.6	24.2	24.1	24.7	25.2	21.7	22.4	22.2	22.9	23.4
	8H	23.8	24.4	24.3	24.9	25.4	21.9	22.5	22.4	23.0	23.5
	12H	23.9	24.4	24.4	24.9	25.5	21.9	22.5	22.4	22.9	23.5
12H	4H	23.0	23.7	23.5	24.2	24.6	21.4	22.1	21.8	22.5	23.0
	6H	23.6	24.2	24.1	24.6	25.2	21.8	22.4	22.3	22.9	23.4
	8H	23.8	24.3	24.3	24.8	25.4	22.0	22.5	22.5	23.0	23.5

Maximum UGR = 25.5

POLAR GRAPH



Maximum Candela = 4487.105 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.)