

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L15-930-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-L15-930-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	9847
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	102.4
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	12009	10647	9425
55	10512	9086	7717
65	8944	7473	6209
75	7181	5612	4571
85	4650	2882	2206

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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	4560.956	4560.956	4560.956	4560.956	4560.956
0.5	4583.253	4551.046	4562.195	4558.478	4556.001
1.0	4582.014	4549.807	4560.956	4557.240	4554.762
1.5	4580.775	4547.330	4559.717	4554.762	4552.285
2.0	4578.298	4546.091	4556.001	4549.807	4551.046
2.5	4577.059	4543.614	4553.524	4547.330	4546.091
3.0	4573.343	4539.898	4549.807	4541.136	4539.898
3.5	4570.866	4536.182	4544.853	4536.182	4533.704
4.0	4564.672	4531.227	4539.898	4529.988	4526.272
4.5	4562.195	4526.272	4533.704	4522.556	4517.601
5.0	4556.001	4521.317	4526.272	4515.123	4510.168
5.5	4553.524	4513.885	4518.839	4505.214	4499.020
6.0	4542.375	4507.691	4510.168	4495.304	4489.110
6.5	4536.182	4501.497	4500.259	4484.155	4476.723
7.0	4528.749	4492.826	4491.588	4473.007	4465.575
7.5	4521.317	4484.155	4480.439	4460.620	4451.949
8.0	4512.646	4474.246	4470.530	4446.994	4437.084
8.5	4503.975	4465.575	4459.381	4432.129	4422.220
9.0	4494.065	4455.665	4445.755	4417.265	4407.355
9.5	4482.917	4443.278	4433.368	4401.161	4390.013
10.0	4474.246	4432.129	4418.503	4386.297	4373.910
10.5	4460.620	4419.742	4404.878	4370.193	4356.568
11.0	4448.233	4407.355	4388.774	4351.613	4339.226
11.5	4435.845	4393.729	4372.671	4333.032	4318.167
12.0	4422.220	4380.103	4356.568	4313.212	4298.348
12.5	4406.116	4364.000	4339.226	4293.393	4276.051
13.0	4392.490	4349.135	4320.645	4272.335	4254.993
13.5	4378.864	4333.032	4302.064	4251.277	4233.935
14.0	4361.522	4316.929	4283.483	4227.741	4209.160
14.5	4346.658	4298.348	4262.425	4205.444	4185.625
15.0	4329.316	4281.006	4241.367	4181.908	4160.850
15.5	4311.974	4262.425	4220.309	4157.134	4136.076
16.0	4293.393	4243.844	4198.012	4132.360	4108.824
16.5	4276.051	4225.264	4175.715	4106.347	4082.811
17.0	4256.231	4204.205	4152.179	4080.334	4054.321
17.5	4237.651	4183.147	4129.882	4053.082	4025.830
18.0	4216.593	4163.328	4105.108	4025.830	3997.340
18.5	4198.012	4141.031	4080.334	3997.340	3966.372
19.0	4175.715	4118.734	4054.321	3967.610	3935.404
19.5	4154.657	4096.437	4028.308	3939.120	3904.436
20.0	4132.360	4072.901	4001.056	3909.391	3873.468
20.5	4110.063	4049.366	3973.804	3878.423	3841.261
21.0	4086.527	4025.830	3946.552	3847.455	3807.816
21.5	4064.230	3999.817	3918.062	3815.248	3775.609
22.0	4039.456	3975.043	3888.333	3783.042	3743.403
22.5	4014.682	3949.030	3858.603	3750.835	3708.719
23.0	3991.146	3924.255	3830.113	3716.151	3674.035
23.5	3966.372	3897.004	3799.145	3682.706	3639.350
24.0	3940.359	3869.752	3768.177	3649.260	3603.428
24.5	3914.346	3842.500	3735.970	3614.576	3568.744
25.0	3887.094	3815.248	3705.002	3579.892	3532.821
25.5	3858.603	3785.519	3672.796	3543.969	3494.421
26.0	3831.352	3757.029	3638.112	3508.046	3457.259
26.5	3804.100	3727.299	3605.905	3472.124	3418.859

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CANDELA TABULATION - (Cont.)

27.0	3774.371	3697.570	3571.221	3434.962	3381.697
27.5	3743.403	3666.602	3537.776	3397.801	3344.536
28.0	3714.912	3636.873	3503.092	3359.400	3304.897
28.5	3685.183	3605.905	3469.646	3322.239	3266.497
29.0	3655.454	3574.937	3434.962	3283.839	3229.335
29.5	3620.770	3542.731	3399.039	3245.438	3189.696
30.0	3587.324	3509.285	3363.117	3207.038	3151.296
30.5	3556.356	3477.079	3328.432	3169.877	3111.657
31.0	3524.150	3444.872	3292.510	3131.476	3072.018
31.5	3493.182	3411.427	3256.587	3091.838	3032.379
32.0	3458.498	3377.981	3219.425	3053.437	2993.979
32.5	3426.291	3343.297	3183.503	3013.798	2953.101
33.0	3392.846	3309.852	3145.102	2975.398	2914.701
33.5	3359.400	3275.168	3110.418	2935.759	2872.585
34.0	3327.194	3240.484	3072.018	2897.359	2834.184
34.5	3293.748	3207.038	3034.857	2858.959	2795.784
35.0	3260.303	3171.115	2996.456	2819.320	2756.145
35.5	3225.619	3135.193	2959.295	2782.158	2715.268
36.0	3193.412	3100.509	2922.133	2742.519	2678.106
36.5	3158.728	3064.586	2883.733	2704.119	2638.467
37.0	3122.805	3028.663	2847.810	2665.719	2601.306
37.5	3088.121	2992.740	2810.649	2626.080	2561.667
38.0	3053.437	2955.579	2772.249	2587.680	2522.028
38.5	3017.515	2920.895	2735.087	2549.280	2483.628
39.0	2980.353	2883.733	2697.926	2510.879	2445.227
39.5	2945.669	2847.810	2659.525	2472.479	2406.827
40.0	2909.746	2810.649	2622.364	2436.556	2369.666
40.5	2871.346	2774.726	2583.964	2398.156	2330.027
41.0	2835.423	2737.564	2546.802	2359.756	2289.149
41.5	2799.500	2701.642	2509.641	2321.356	2250.749
42.0	2761.100	2664.480	2472.479	2281.717	2211.110
42.5	2721.461	2626.080	2435.318	2244.555	2172.710
43.0	2684.300	2588.918	2398.156	2203.677	2134.309
43.5	2648.377	2552.996	2360.995	2165.277	2098.387
44.0	2608.738	2515.834	2323.833	2129.354	2061.225
44.5	2571.576	2478.673	2282.955	2092.193	2024.064
45.0	2533.176	2442.750	2245.794	2056.270	1988.141
45.5	2494.776	2404.350	2207.394	2020.347	1950.979
46.0	2457.614	2368.427	2171.471	1984.425	1915.056
46.5	2420.453	2331.265	2135.548	1949.740	1880.372
47.0	2382.053	2294.104	2099.625	1913.818	1844.450
47.5	2343.652	2254.465	2064.941	1879.134	1809.765
48.0	2306.491	2216.065	2030.257	1844.450	1773.843
48.5	2268.091	2180.142	1994.334	1809.765	1739.159
49.0	2227.213	2142.980	1959.650	1775.081	1705.713
49.5	2191.290	2108.296	1926.205	1740.397	1672.268
50.0	2154.129	2072.373	1891.521	1706.952	1638.823
50.5	2119.445	2036.451	1856.837	1673.507	1605.377
51.0	2082.283	2001.767	1822.153	1638.823	1571.932
51.5	2046.360	1965.844	1788.707	1606.616	1539.725
52.0	2011.676	1929.921	1754.023	1573.171	1507.519
52.5	1975.754	1895.237	1720.578	1540.964	1476.551
53.0	1939.831	1860.553	1687.132	1508.757	1445.583
53.5	1903.908	1825.869	1654.926	1476.551	1413.376
54.0	1869.224	1791.185	1620.242	1445.583	1382.408
54.5	1833.301	1757.739	1588.035	1413.376	1351.440

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55.0	1798.617	1723.055	1554.590	1383.647	1320.472
55.5	1762.694	1689.610	1522.383	1351.440	1290.743
56.0	1726.771	1654.926	1490.177	1321.711	1261.014
56.5	1692.087	1621.481	1457.970	1291.982	1233.143
57.0	1656.165	1588.035	1424.525	1262.253	1203.785
57.5	1621.481	1555.829	1393.557	1232.523	1175.171
58.0	1586.796	1522.383	1361.350	1203.290	1147.052
58.5	1552.112	1488.938	1329.143	1174.428	1118.933
59.0	1517.428	1456.731	1298.175	1146.061	1091.062
59.5	1482.744	1424.525	1267.207	1117.694	1063.934
60.0	1449.299	1392.318	1235.992	1089.204	1036.930
60.5	1415.853	1360.111	1205.767	1061.457	1009.926
61.0	1382.408	1329.143	1174.923	1033.957	983.417
61.5	1350.201	1296.937	1144.946	1006.210	957.280
62.0	1316.756	1264.730	1114.721	979.701	932.011
62.5	1284.549	1234.134	1085.488	953.069	906.245
63.0	1252.343	1203.537	1056.378	926.560	880.976
63.5	1220.756	1172.941	1027.268	899.804	855.458
64.0	1190.035	1142.593	998.901	874.039	830.931
64.5	1158.324	1112.244	970.287	848.397	806.529
65.0	1127.604	1082.515	942.168	822.756	782.745
65.5	1097.132	1052.414	913.802	797.610	758.466
66.0	1066.783	1022.561	886.426	773.083	734.683
66.5	1036.682	993.079	858.926	748.185	710.652
67.0	1006.210	963.846	831.798	723.535	687.612
67.5	975.737	934.612	805.042	699.751	664.572
68.0	946.504	905.874	778.038	675.844	641.284
68.5	916.651	877.383	751.653	652.308	618.863
69.0	887.045	848.893	725.517	628.897	596.566
69.5	858.307	820.526	699.999	605.733	574.889
70.0	829.197	792.283	673.986	583.064	552.963
70.5	800.459	764.536	648.468	560.519	531.781
71.0	771.721	737.037	623.694	538.594	510.351
71.5	743.602	709.289	598.920	516.793	489.665
72.0	715.607	682.285	574.393	495.115	468.978
72.5	687.736	655.529	549.990	473.933	448.911
73.0	660.608	629.144	526.083	452.627	429.215
73.5	633.480	602.388	502.547	432.312	409.520
74.0	606.847	576.127	479.260	411.873	389.948
74.5	580.463	550.362	456.219	392.054	371.367
75.0	554.450	524.968	433.303	372.111	352.910
75.5	528.932	500.070	411.130	353.158	334.577
76.0	504.034	475.420	389.453	334.206	316.864
76.5	479.012	450.769	367.775	315.997	299.522
77.0	455.352	426.738	346.965	297.788	282.304
77.5	431.321	403.078	326.278	280.198	265.457
78.0	407.414	379.791	305.839	262.980	249.478
78.5	383.755	356.750	286.267	246.257	233.250
79.0	361.210	334.577	267.067	229.782	217.643
79.5	339.037	312.033	248.363	213.307	202.406
80.0	316.988	290.479	229.782	197.823	187.666
80.5	295.062	269.049	211.697	182.463	173.049
81.0	273.880	248.239	194.355	167.846	159.175
81.5	252.946	228.048	177.384	153.353	145.425
82.0	232.755	207.609	161.281	139.232	131.799
82.5	213.059	188.285	145.425	125.482	118.793

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CANDELA TABULATION - (Cont.)

83.0	193.611	169.209	130.065	112.104	105.539
83.5	174.411	151.000	115.572	98.973	92.904
84.0	156.078	133.162	101.451	86.091	80.640
84.5	137.993	116.316	87.949	73.828	68.873
85.0	120.899	100.088	74.942	62.307	57.353
85.5	104.300	84.480	62.555	50.540	44.965
86.0	88.692	69.616	51.407	38.400	31.340
86.5	73.208	56.238	40.630	24.279	19.324
87.0	58.963	43.603	28.986	15.360	13.750
87.5	45.709	32.454	16.723	11.768	10.777
88.0	33.445	22.173	10.529	9.043	8.423
88.5	23.040	12.387	7.804	6.565	5.822
89.0	14.493	6.194	5.203	4.212	3.716
89.5	7.185	3.345	2.849	2.106	1.858
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-L15-930-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-L15-930-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-L15-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1620.09	N.A.	16.50
0-30	3320.9	N.A.	33.70
0-40	5194.45	N.A.	52.80
0-60	8324.32	N.A.	84.50
0-80	9744.59	N.A.	99.00
0-90	9846.57	N.A.	100.00
10-90	9418.23	N.A.	95.60
20-40	3574.36	N.A.	36.30
20-50	5311.76	N.A.	53.90
40-70	4073.63	N.A.	41.40
60-80	1420.27	N.A.	14.40
70-80	476.51	N.A.	4.80
80-90	101.98	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	9846.57	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	428.34
10-20	1191.75
20-30	1700.81
30-40	1873.55
40-50	1737.4
50-60	1392.47
60-70	943.76
70-80	476.51
80-90	101.98
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-L15-930-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

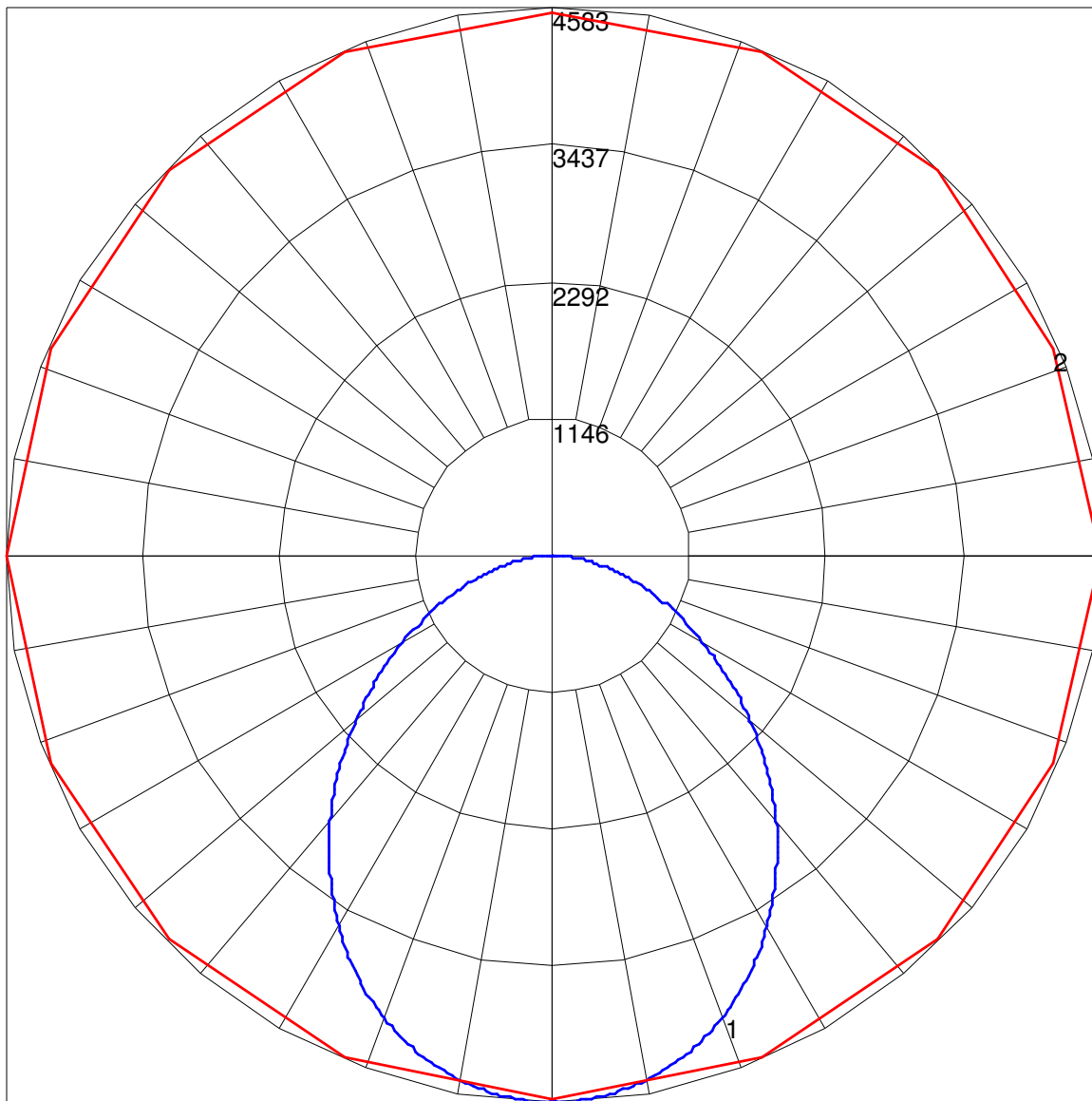
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L15-930-DMA-DIM-UNV_.IES

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 = 4583.253 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.)