

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-850-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-L12-850-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	10218
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
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	12463	11049	9781
55	10909	9429	8009
65	9282	7755	6443
75	7452	5824	4743
85	4826	2991	2289

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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	4733.193	4733.193	4733.193	4733.193	4733.193
0.5	4756.332	4722.909	4734.478	4730.622	4728.051
1.0	4755.046	4721.623	4733.193	4729.336	4726.765
1.5	4753.761	4719.052	4731.907	4726.765	4724.194
2.0	4751.190	4717.767	4728.051	4721.623	4722.909
2.5	4749.904	4715.196	4725.480	4719.052	4717.767
3.0	4746.048	4711.339	4721.623	4712.625	4711.339
3.5	4743.477	4707.483	4716.481	4707.483	4704.912
4.0	4737.049	4702.341	4711.339	4701.055	4697.199
4.5	4734.478	4697.199	4704.912	4693.342	4688.200
5.0	4728.051	4692.057	4697.199	4685.629	4680.487
5.5	4725.480	4684.344	4689.486	4675.345	4668.918
6.0	4713.910	4677.916	4680.487	4665.062	4658.634
6.5	4707.483	4671.489	4670.203	4653.492	4645.779
7.0	4699.770	4662.491	4661.205	4641.923	4634.210
7.5	4692.057	4653.492	4649.636	4629.068	4620.069
8.0	4683.058	4643.208	4639.352	4614.927	4604.643
8.5	4674.060	4634.210	4627.782	4599.501	4589.217
9.0	4663.776	4623.926	4613.642	4584.075	4573.791
9.5	4652.207	4611.071	4600.787	4567.364	4555.794
10.0	4643.208	4599.501	4585.361	4551.938	4539.083
10.5	4629.068	4586.646	4571.220	4535.227	4521.086
11.0	4616.213	4573.791	4554.509	4515.944	4503.089
11.5	4603.358	4559.651	4537.798	4496.662	4481.236
12.0	4589.217	4545.510	4521.086	4476.094	4460.668
12.5	4572.506	4528.799	4503.089	4455.526	4437.529
13.0	4558.365	4513.373	4483.807	4433.672	4415.675
13.5	4544.225	4496.662	4464.524	4411.819	4393.822
14.0	4526.228	4479.950	4445.242	4387.395	4368.112
14.5	4510.802	4460.668	4423.388	4364.256	4343.688
15.0	4492.805	4442.671	4401.535	4339.831	4317.978
15.5	4474.808	4423.388	4379.682	4314.121	4292.268
16.0	4455.526	4404.106	4356.543	4288.411	4263.987
16.5	4437.529	4384.824	4333.404	4261.416	4236.992
17.0	4416.961	4362.970	4308.979	4234.421	4207.425
17.5	4397.679	4341.117	4285.840	4206.140	4177.859
18.0	4375.825	4320.549	4260.131	4177.859	4148.293
18.5	4356.543	4297.410	4234.421	4148.293	4116.155
19.0	4333.404	4274.271	4207.425	4117.441	4084.018
19.5	4311.550	4251.132	4180.430	4087.874	4051.880
20.0	4288.411	4226.708	4152.149	4057.022	4019.743
20.5	4265.273	4202.283	4123.868	4024.885	3986.320
21.0	4240.848	4177.859	4095.587	3992.748	3951.612
21.5	4217.709	4150.863	4066.021	3959.325	3918.189
22.0	4191.999	4125.154	4035.169	3925.902	3884.766
22.5	4166.289	4098.158	4004.317	3892.479	3848.772
23.0	4141.865	4072.448	3974.751	3856.485	3812.778
23.5	4116.155	4044.167	3942.613	3821.777	3776.784
24.0	4089.160	4015.887	3910.476	3787.068	3739.505
24.5	4062.164	3987.606	3877.053	3751.075	3703.511
25.0	4033.883	3959.325	3844.916	3715.081	3666.232
25.5	4004.317	3928.473	3811.493	3677.801	3626.382
26.0	3976.036	3898.906	3775.499	3640.522	3587.817
26.5	3947.755	3868.055	3742.076	3603.243	3547.966

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CANDELA TABULATION - (Cont.)

27.0	3916.903	3837.203	3706.082	3564.678	3509.401
27.5	3884.766	3805.065	3671.374	3526.113	3470.837
28.0	3855.200	3774.213	3635.380	3486.263	3429.701
28.5	3824.348	3742.076	3600.672	3447.698	3389.850
29.0	3793.496	3709.939	3564.678	3407.847	3351.286
29.5	3757.502	3676.516	3527.398	3367.997	3310.150
30.0	3722.794	3641.807	3490.119	3328.147	3270.299
30.5	3690.656	3608.385	3454.125	3289.582	3229.164
31.0	3657.233	3574.962	3416.846	3249.731	3188.028
31.5	3625.096	3540.253	3379.566	3208.596	3146.892
32.0	3589.102	3505.545	3341.002	3168.745	3107.042
32.5	3555.679	3469.551	3303.722	3127.609	3064.620
33.0	3520.971	3434.843	3263.872	3087.759	3024.770
33.5	3486.263	3398.849	3227.878	3046.623	2981.063
34.0	3452.840	3362.855	3188.028	3006.773	2941.213
34.5	3418.131	3328.147	3149.463	2966.923	2901.362
35.0	3383.423	3290.867	3109.613	2925.787	2860.226
35.5	3347.429	3253.588	3071.048	2887.222	2817.805
36.0	3314.006	3217.594	3032.483	2846.086	2779.240
36.5	3278.012	3180.315	2992.632	2806.236	2738.104
37.0	3240.733	3143.035	2955.353	2766.385	2699.540
37.5	3204.739	3105.756	2916.788	2725.249	2658.404
38.0	3168.745	3067.191	2876.938	2685.399	2617.268
38.5	3131.466	3031.197	2838.373	2645.549	2577.418
39.0	3092.901	2992.632	2799.808	2605.698	2537.567
39.5	3056.907	2955.353	2759.958	2565.848	2497.717
40.0	3019.628	2916.788	2721.393	2528.569	2459.152
40.5	2979.778	2879.509	2681.543	2488.718	2418.016
41.0	2942.498	2840.944	2642.978	2448.868	2375.595
41.5	2905.219	2803.665	2604.413	2409.018	2335.744
42.0	2865.368	2765.100	2565.848	2367.882	2294.609
42.5	2824.233	2725.249	2527.283	2329.317	2254.758
43.0	2785.668	2686.685	2488.718	2286.896	2214.908
43.5	2748.388	2649.405	2450.154	2247.045	2177.629
44.0	2707.253	2610.840	2411.589	2209.766	2139.064
44.5	2668.688	2572.276	2369.167	2171.201	2100.499
45.0	2628.837	2534.996	2330.603	2133.922	2063.220
45.5	2588.987	2495.146	2290.752	2096.642	2024.655
46.0	2550.422	2457.867	2253.473	2059.363	1987.375
46.5	2511.857	2419.302	2216.193	2023.369	1951.381
47.0	2472.007	2380.737	2178.914	1986.090	1914.102
47.5	2432.157	2339.601	2142.920	1950.096	1878.108
48.0	2393.592	2299.751	2106.926	1914.102	1840.829
48.5	2353.741	2262.471	2069.647	1878.108	1804.835
49.0	2311.320	2223.906	2033.653	1842.114	1770.127
49.5	2274.041	2187.913	1998.945	1806.121	1735.418
50.0	2235.476	2150.633	1962.951	1771.412	1700.710
50.5	2199.482	2113.354	1926.957	1736.704	1666.002
51.0	2160.917	2077.360	1890.963	1700.710	1631.293
51.5	2123.638	2040.081	1856.255	1667.287	1597.870
52.0	2087.644	2002.801	1820.261	1632.579	1564.447
52.5	2050.365	1966.807	1785.553	1599.156	1532.310
53.0	2013.085	1930.814	1750.844	1565.733	1500.173
53.5	1975.806	1894.820	1717.421	1532.310	1466.750
54.0	1939.812	1858.826	1681.428	1500.173	1434.612
54.5	1902.533	1824.117	1648.005	1466.750	1402.475

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CANDELA TABULATION - (Cont.)

55.0	1866.539	1788.124	1613.296	1435.898	1370.338
55.5	1829.259	1753.415	1579.873	1402.475	1339.486
56.0	1791.980	1717.421	1546.451	1371.623	1308.634
56.5	1755.986	1682.713	1513.028	1340.771	1279.710
57.0	1718.707	1648.005	1478.319	1309.919	1249.244
57.5	1682.713	1614.582	1446.182	1279.068	1219.549
58.0	1646.719	1579.873	1412.759	1248.730	1190.368
58.5	1610.725	1545.165	1379.336	1218.778	1161.188
59.0	1574.731	1511.742	1347.199	1189.340	1132.264
59.5	1538.738	1478.319	1315.061	1159.902	1104.112
60.0	1504.029	1444.896	1282.667	1130.336	1076.088
60.5	1469.321	1411.474	1251.301	1101.541	1048.064
61.0	1434.612	1379.336	1219.292	1073.003	1020.555
61.5	1401.190	1345.913	1188.183	1044.208	993.431
62.0	1366.481	1312.490	1156.817	1016.698	967.206
62.5	1333.058	1280.739	1126.479	989.060	940.468
63.0	1299.635	1248.987	1096.270	961.550	914.244
63.5	1266.855	1217.235	1066.061	933.784	887.763
64.0	1234.975	1185.741	1036.623	907.045	862.310
64.5	1202.066	1154.246	1006.928	880.436	836.986
65.0	1170.186	1123.394	977.748	853.826	812.304
65.5	1138.563	1092.157	948.310	827.730	787.109
66.0	1107.068	1061.176	919.900	802.277	762.427
66.5	1075.831	1030.581	891.362	776.439	737.489
67.0	1044.208	1000.244	863.210	750.858	713.578
67.5	1012.584	969.906	835.443	726.176	689.668
68.0	982.247	940.083	807.419	701.366	665.501
68.5	951.266	910.516	780.038	676.942	642.233
69.0	920.543	880.950	752.914	652.646	619.094
69.5	890.720	851.512	726.433	628.607	596.598
70.0	860.510	822.203	699.438	605.083	573.845
70.5	830.687	793.408	672.957	581.687	551.863
71.0	800.863	764.870	647.247	558.933	529.624
71.5	771.683	736.074	621.537	536.309	508.156
72.0	742.630	708.051	596.084	513.812	486.688
72.5	713.707	680.284	570.760	491.830	465.863
73.0	685.555	652.903	545.950	469.720	445.424
73.5	657.402	625.136	521.525	448.638	424.985
74.0	629.764	597.884	497.358	427.427	404.674
74.5	602.383	571.145	473.448	406.859	385.391
75.0	575.388	544.793	449.666	386.163	366.238
75.5	548.906	518.954	426.656	366.495	347.212
76.0	523.068	493.373	404.160	346.827	328.830
76.5	497.101	467.792	381.663	327.930	310.833
77.0	472.548	442.853	360.067	309.033	292.964
77.5	447.609	418.300	338.599	290.779	275.482
78.0	422.799	394.133	317.389	272.911	258.899
78.5	398.246	370.223	297.078	255.556	242.059
79.0	374.850	347.212	277.153	238.459	225.861
79.5	351.840	323.816	257.742	221.362	210.050
80.0	328.958	301.449	238.459	205.294	194.752
80.5	306.205	279.210	219.691	189.353	179.584
81.0	284.223	257.613	201.694	174.185	165.186
81.5	262.498	236.660	184.083	159.144	150.917
82.0	241.545	215.449	167.371	144.490	136.777
82.5	221.105	195.395	150.917	130.221	123.279

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CANDELA TABULATION - (Cont.)

83.0	200.923	175.599	134.977	116.337	109.524
83.5	180.998	156.702	119.937	102.711	96.412
84.0	161.972	138.191	105.282	89.342	83.686
84.5	143.204	120.708	91.270	76.616	71.474
85.0	125.464	103.868	77.772	64.660	59.518
85.5	108.239	87.671	64.917	52.448	46.663
86.0	92.041	72.245	53.348	39.850	32.523
86.5	75.973	58.361	42.164	25.196	20.054
87.0	61.190	45.249	30.081	15.940	14.269
87.5	47.435	33.680	17.354	12.212	11.184
88.0	34.708	23.010	10.927	9.384	8.741
88.5	23.910	12.855	8.099	6.813	6.042
89.0	15.040	6.427	5.399	4.371	3.856
89.5	7.456	3.471	2.957	2.185	1.928
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-L12-850-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-L12-850-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-L12-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1681.27	N.A.	16.50
0-30	3446.31	N.A.	33.70
0-40	5390.61	N.A.	52.80
0-60	8638.68	N.A.	84.50
0-80	10112.58	N.A.	99.00
0-90	10218.41	N.A.	100.00
10-90	9773.89	N.A.	95.60
20-40	3709.34	N.A.	36.30
20-50	5512.35	N.A.	53.90
40-70	4227.47	N.A.	41.40
60-80	1473.9	N.A.	14.40
70-80	494.50	N.A.	4.80
80-90	105.83	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	10218.41	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	444.52
10-20	1236.75
20-30	1765.04
30-40	1944.3
40-50	1803.01
50-60	1445.06
60-70	979.40
70-80	494.50
80-90	105.83
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-L12-850-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-L12-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

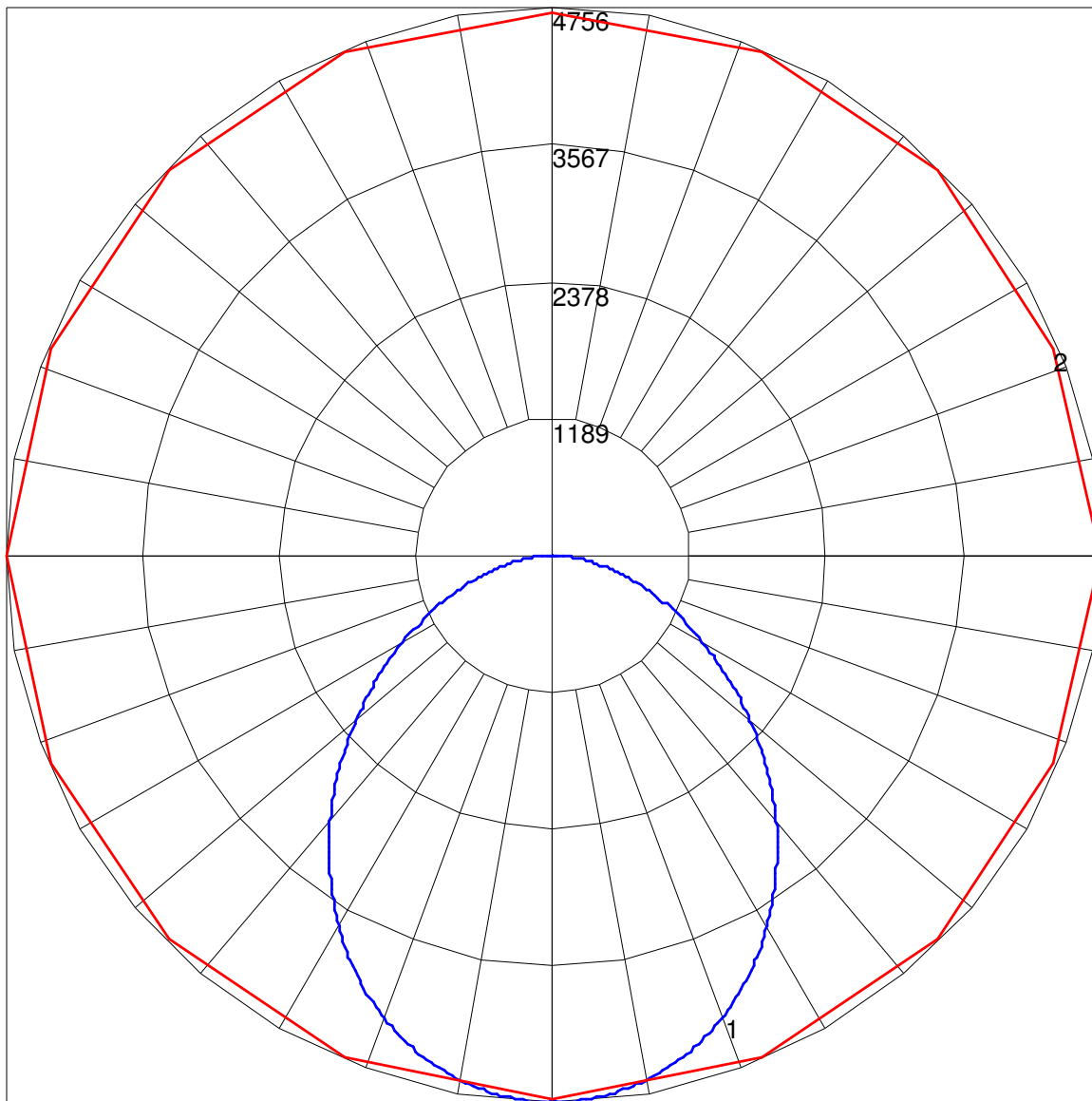
Reflectances

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	20.2	21.8	20.6	22.1	22.4	18.5	20.0	18.9	20.3	20.7
	3H	21.8	23.2	22.2	23.5	23.9	19.8	21.2	20.2	21.5	21.9
	4H	22.4	23.7	22.8	24.0	24.4	20.3	21.6	20.7	21.9	22.3
	6H	22.7	23.9	23.1	24.3	24.7	20.5	21.7	20.9	22.1	22.5
	8H	22.8	24.0	23.3	24.4	24.8	20.6	21.7	21.0	22.1	22.5
	12H	22.9	24.0	23.3	24.4	24.8	20.6	21.7	21.0	22.1	22.5
4H	2H	20.6	21.9	21.0	22.2	22.6	19.2	20.5	19.6	20.8	21.2
	3H	22.4	23.5	22.8	23.9	24.3	20.7	21.8	21.1	22.2	22.6
	4H	23.1	24.0	23.5	24.5	24.9	21.2	22.2	21.6	22.6	23.0
	6H	23.6	24.4	24.0	24.9	25.3	21.6	22.4	22.0	22.9	23.3
	8H	23.7	24.5	24.2	25.0	25.4	21.6	22.4	22.1	22.9	23.3
	12H	23.8	24.5	24.3	25.0	25.5	21.7	22.4	22.2	22.9	23.3
8H	4H	23.2	24.0	23.7	24.4	24.9	21.5	22.3	22.0	22.8	23.2
	6H	23.8	24.4	24.3	24.9	25.4	21.9	22.6	22.4	23.1	23.6
	8H	24.0	24.6	24.5	25.1	25.6	22.1	22.7	22.6	23.2	23.7
	12H	24.1	24.6	24.6	25.1	25.7	22.1	22.7	22.6	23.1	23.7
12H	4H	23.2	23.9	23.7	24.4	24.8	21.6	22.3	22.0	22.7	23.2
	6H	23.8	24.4	24.3	24.8	25.4	22.0	22.6	22.5	23.1	23.6
	8H	24.0	24.5	24.5	25.0	25.6	22.2	22.7	22.7	23.2	23.7

Maximum UGR = 25.7

POLAR GRAPH



Maximum Candela = 4756.332 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.)