

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L19-927-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-L19-927-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	12205
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	132.8
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	14885	13197	11683
55	13029	11262	9566
65	11086	9263	7696
75	8901	6956	5666
85	5764	3573	2734

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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	5653.299	5653.299	5653.299	5653.299	5653.299
0.5	5680.936	5641.015	5654.834	5650.228	5647.157
1.0	5679.400	5639.480	5653.299	5648.692	5645.622
1.5	5677.865	5636.409	5651.763	5645.622	5642.551
2.0	5674.794	5634.874	5647.157	5639.480	5641.015
2.5	5673.259	5631.803	5644.086	5636.409	5634.874
3.0	5668.652	5627.197	5639.480	5628.732	5627.197
3.5	5665.582	5622.591	5633.339	5622.591	5619.520
4.0	5657.905	5616.449	5627.197	5614.914	5610.308
4.5	5654.834	5610.308	5619.520	5605.702	5599.560
5.0	5647.157	5604.166	5610.308	5596.489	5590.348
5.5	5644.086	5594.954	5601.095	5584.206	5576.529
6.0	5630.268	5587.277	5590.348	5571.923	5564.246
6.5	5622.591	5579.600	5578.065	5558.105	5548.892
7.0	5613.379	5568.852	5567.317	5544.286	5535.074
7.5	5604.166	5558.105	5553.498	5528.932	5518.184
8.0	5593.418	5545.821	5541.215	5512.043	5499.760
8.5	5582.671	5535.074	5527.397	5493.618	5481.335
9.0	5570.388	5522.791	5510.508	5475.194	5462.910
9.5	5556.569	5507.437	5495.154	5455.234	5441.415
10.0	5545.821	5493.618	5476.729	5436.809	5421.455
10.5	5528.932	5478.264	5459.840	5416.849	5399.960
11.0	5513.578	5462.910	5439.880	5393.818	5378.464
11.5	5498.224	5446.021	5419.920	5370.787	5352.363
12.0	5481.335	5429.132	5399.960	5346.221	5327.796
12.5	5461.375	5409.172	5378.464	5321.655	5300.159
13.0	5444.486	5390.747	5355.433	5295.553	5274.058
13.5	5427.597	5370.787	5332.402	5269.452	5247.956
14.0	5406.101	5350.827	5309.372	5240.279	5217.248
14.5	5387.676	5327.796	5283.270	5212.642	5188.076
15.0	5366.181	5306.301	5257.168	5183.470	5157.368
15.5	5344.686	5283.270	5231.067	5152.762	5126.661
16.0	5321.655	5260.239	5203.430	5122.054	5092.882
16.5	5300.159	5237.208	5175.793	5089.811	5060.639
17.0	5275.593	5211.107	5146.621	5057.568	5025.325
17.5	5252.562	5185.005	5118.984	5023.790	4990.011
18.0	5226.461	5160.439	5088.276	4990.011	4954.697
18.5	5203.430	5132.802	5057.568	4954.697	4916.312
19.0	5175.793	5105.165	5025.325	4917.848	4877.928
19.5	5149.691	5077.528	4993.082	4882.534	4839.543
20.0	5122.054	5048.356	4959.303	4845.685	4801.158
20.5	5094.417	5019.183	4925.525	4807.300	4761.238
21.0	5065.245	4990.011	4891.746	4768.915	4719.783
21.5	5037.608	4957.768	4856.432	4728.995	4679.863
22.0	5006.900	4927.060	4819.583	4689.075	4639.943
22.5	4976.192	4894.817	4782.734	4649.155	4596.952
23.0	4947.020	4864.109	4747.420	4606.164	4553.961
23.5	4916.312	4830.331	4709.035	4564.709	4510.970
24.0	4884.069	4796.552	4670.650	4523.253	4466.444
24.5	4851.826	4762.774	4630.730	4480.262	4423.453
25.0	4818.048	4728.995	4592.345	4437.271	4378.927
25.5	4782.734	4692.146	4552.425	4392.745	4331.330
26.0	4748.955	4656.832	4509.435	4348.219	4285.268
26.5	4715.177	4619.982	4469.514	4303.693	4237.671

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CANDELA TABULATION - (Cont.)

27.0	4678.327	4583.133	4426.524	4257.631	4191.609
27.5	4639.943	4544.748	4385.068	4211.569	4145.548
28.0	4604.629	4507.899	4342.077	4163.972	4096.415
28.5	4567.779	4469.514	4300.622	4117.911	4048.818
29.0	4530.930	4431.130	4257.631	4070.314	4002.756
29.5	4487.939	4391.210	4213.105	4022.717	3953.624
30.0	4446.484	4349.754	4168.578	3975.120	3906.027
30.5	4408.099	4309.834	4125.588	3929.058	3856.895
31.0	4368.179	4269.914	4081.061	3881.461	3807.762
31.5	4329.794	4228.459	4036.535	3832.328	3758.630
32.0	4286.803	4187.003	3990.473	3784.731	3711.033
32.5	4246.883	4144.012	3945.947	3735.599	3660.365
33.0	4205.428	4102.557	3898.350	3688.002	3612.768
33.5	4163.972	4059.566	3855.359	3638.870	3560.565
34.0	4124.052	4016.575	3807.762	3591.273	3512.968
34.5	4082.597	3975.120	3761.701	3543.675	3465.371
35.0	4041.141	3930.593	3714.104	3494.543	3416.238
35.5	3998.150	3886.067	3668.042	3448.481	3365.570
36.0	3958.230	3843.076	3621.980	3399.349	3319.509
36.5	3915.239	3798.550	3574.383	3351.752	3270.376
37.0	3870.713	3754.024	3529.857	3304.155	3224.315
37.5	3827.722	3709.497	3483.795	3255.023	3175.182
38.0	3784.731	3663.436	3436.198	3207.426	3126.050
38.5	3740.205	3620.445	3390.137	3159.828	3078.453
39.0	3694.144	3574.383	3344.075	3112.231	3030.856
39.5	3651.153	3529.857	3296.478	3064.634	2983.259
40.0	3606.626	3483.795	3250.416	3020.108	2937.197
40.5	3559.029	3439.269	3202.819	2972.511	2888.065
41.0	3514.503	3393.207	3156.758	2924.914	2837.397
41.5	3469.977	3348.681	3110.696	2877.317	2789.800
42.0	3422.380	3302.620	3064.634	2828.185	2740.668
42.5	3373.247	3255.023	3018.573	2782.123	2693.071
43.0	3327.186	3208.961	2972.511	2731.455	2645.474
43.5	3282.660	3164.435	2926.450	2683.858	2600.947
44.0	3233.527	3118.373	2880.388	2639.332	2554.886
44.5	3187.465	3072.311	2829.720	2593.270	2508.824
45.0	3139.868	3027.785	2783.658	2548.744	2464.298
45.5	3092.271	2980.188	2736.061	2504.218	2418.236
46.0	3046.210	2935.662	2691.535	2459.692	2373.710
46.5	3000.148	2889.600	2647.009	2416.701	2330.719
47.0	2952.551	2843.539	2602.483	2372.174	2286.193
47.5	2904.954	2794.406	2559.492	2329.184	2243.202
48.0	2858.892	2746.809	2516.501	2286.193	2198.676
48.5	2811.295	2702.283	2471.975	2243.202	2155.685
49.0	2760.628	2656.221	2428.984	2200.211	2114.229
49.5	2716.101	2613.230	2387.528	2157.220	2072.774
50.0	2670.040	2568.704	2344.537	2115.765	2031.318
50.5	2627.049	2524.178	2301.547	2074.309	1989.863
51.0	2580.987	2481.187	2258.556	2031.318	1948.407
51.5	2536.461	2436.661	2217.100	1991.398	1908.487
52.0	2493.470	2392.134	2174.109	1949.943	1868.567
52.5	2448.944	2349.144	2132.654	1910.023	1830.182
53.0	2404.418	2306.153	2091.198	1870.103	1791.798
53.5	2359.891	2263.162	2051.278	1830.182	1751.878
54.0	2316.900	2220.171	2008.287	1791.798	1713.493
54.5	2272.374	2178.716	1968.367	1751.878	1675.108

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55.0	2229.383	2135.725	1926.912	1715.028	1636.724
55.5	2184.857	2094.269	1886.992	1675.108	1599.874
56.0	2140.331	2051.278	1847.072	1638.259	1563.025
56.5	2097.340	2009.823	1807.152	1601.410	1528.479
57.0	2052.814	1968.367	1765.696	1564.560	1492.090
57.5	2009.823	1928.447	1727.311	1527.711	1456.623
58.0	1966.832	1886.992	1687.391	1491.476	1421.769
58.5	1923.841	1845.536	1647.471	1455.701	1386.916
59.0	1880.850	1805.616	1609.087	1420.541	1352.370
59.5	1837.859	1765.696	1570.702	1385.381	1318.745
60.0	1796.404	1725.776	1532.010	1350.067	1285.273
60.5	1754.948	1685.856	1494.547	1315.674	1251.802
61.0	1713.493	1647.471	1456.316	1281.588	1218.945
61.5	1673.573	1607.551	1419.159	1247.196	1186.548
62.0	1632.117	1567.631	1381.696	1214.338	1155.226
62.5	1592.197	1529.707	1345.460	1181.328	1123.290
63.0	1552.277	1491.783	1309.379	1148.470	1091.968
63.5	1513.125	1453.859	1273.297	1115.306	1060.339
64.0	1475.047	1416.242	1238.137	1083.370	1029.938
64.5	1435.741	1378.625	1202.669	1051.587	999.691
65.0	1397.664	1341.776	1167.816	1019.805	970.212
65.5	1359.893	1304.466	1132.656	988.636	940.118
66.0	1322.276	1267.463	1098.724	958.236	910.639
66.5	1284.966	1230.921	1064.638	927.374	880.852
67.0	1247.196	1194.685	1031.013	896.820	852.294
67.5	1209.425	1158.450	997.849	867.341	823.736
68.0	1173.190	1122.829	964.377	837.708	794.870
68.5	1136.187	1087.515	931.673	808.535	767.080
69.0	1099.491	1052.201	899.277	779.516	739.443
69.5	1063.870	1017.041	867.648	750.805	712.574
70.0	1027.789	982.034	835.405	722.707	685.397
70.5	992.168	947.641	803.776	694.763	659.142
71.0	956.547	913.556	773.068	667.587	632.580
71.5	921.693	879.163	742.360	640.564	606.939
72.0	886.994	845.692	711.959	613.695	581.298
72.5	852.447	812.527	681.712	587.439	556.425
73.0	818.822	779.824	652.079	561.031	532.012
73.5	785.197	746.659	622.907	535.850	507.599
74.0	752.187	714.109	594.042	510.517	483.340
74.5	719.483	682.173	565.483	485.950	460.309
75.0	687.240	650.697	537.079	461.231	437.432
75.5	655.611	619.836	509.595	437.739	414.708
76.0	624.749	589.282	482.726	414.248	392.752
76.5	593.735	558.728	455.857	391.677	371.257
77.0	564.409	528.941	430.062	369.107	349.915
77.5	534.622	499.615	404.421	347.305	329.034
78.0	504.989	470.750	379.087	325.963	309.227
78.5	475.663	442.192	354.828	305.235	289.114
79.0	447.719	414.708	331.030	284.814	269.768
79.5	420.236	386.764	307.845	264.394	250.882
80.0	392.906	360.048	284.814	245.201	232.611
80.5	365.729	333.486	262.398	226.163	214.494
81.0	339.474	307.692	240.902	208.045	197.297
81.5	313.526	282.665	219.868	190.081	180.255
82.0	288.499	257.331	199.908	172.578	163.365
82.5	264.087	233.379	180.255	155.535	147.244

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CANDELA TABULATION - (Cont.)

83.0	239.981	209.734	161.216	138.953	130.815
83.5	216.183	187.164	143.252	122.678	115.154
84.0	193.459	165.054	125.748	106.709	99.954
84.5	171.042	144.173	109.013	91.509	85.368
85.0	149.854	124.059	92.891	77.230	71.088
85.5	129.280	104.713	77.537	62.644	55.735
86.0	109.934	86.289	63.719	47.597	38.845
86.5	90.741	69.707	50.361	30.094	23.952
87.0	73.084	54.046	35.928	19.039	17.043
87.5	56.656	40.227	20.728	14.586	13.358
88.0	41.455	27.483	13.051	11.208	10.441
88.5	28.558	15.354	9.673	8.138	7.216
89.0	17.964	7.677	6.449	5.220	4.606
89.5	8.905	4.146	3.531	2.610	2.303
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-L19-927-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-L19-927-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-L19-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2008.1	N.A.	16.50
0-30	4116.25	N.A.	33.70
0-40	6438.51	N.A.	52.80
0-60	10317.99	N.A.	84.50
0-80	12078.41	N.A.	99.00
0-90	12204.81	N.A.	100.00
10-90	11673.88	N.A.	95.60
20-40	4430.41	N.A.	36.30
20-50	6583.92	N.A.	53.90
40-70	5049.26	N.A.	41.40
60-80	1760.42	N.A.	14.40
70-80	590.63	N.A.	4.80
80-90	126.40	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	12204.81	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	530.93
10-20	1477.17
20-30	2108.15
30-40	2322.26
40-50	2153.51
50-60	1725.97
60-70	1169.79
70-80	590.63
80-90	126.40
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-L19-927-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-L19-927-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

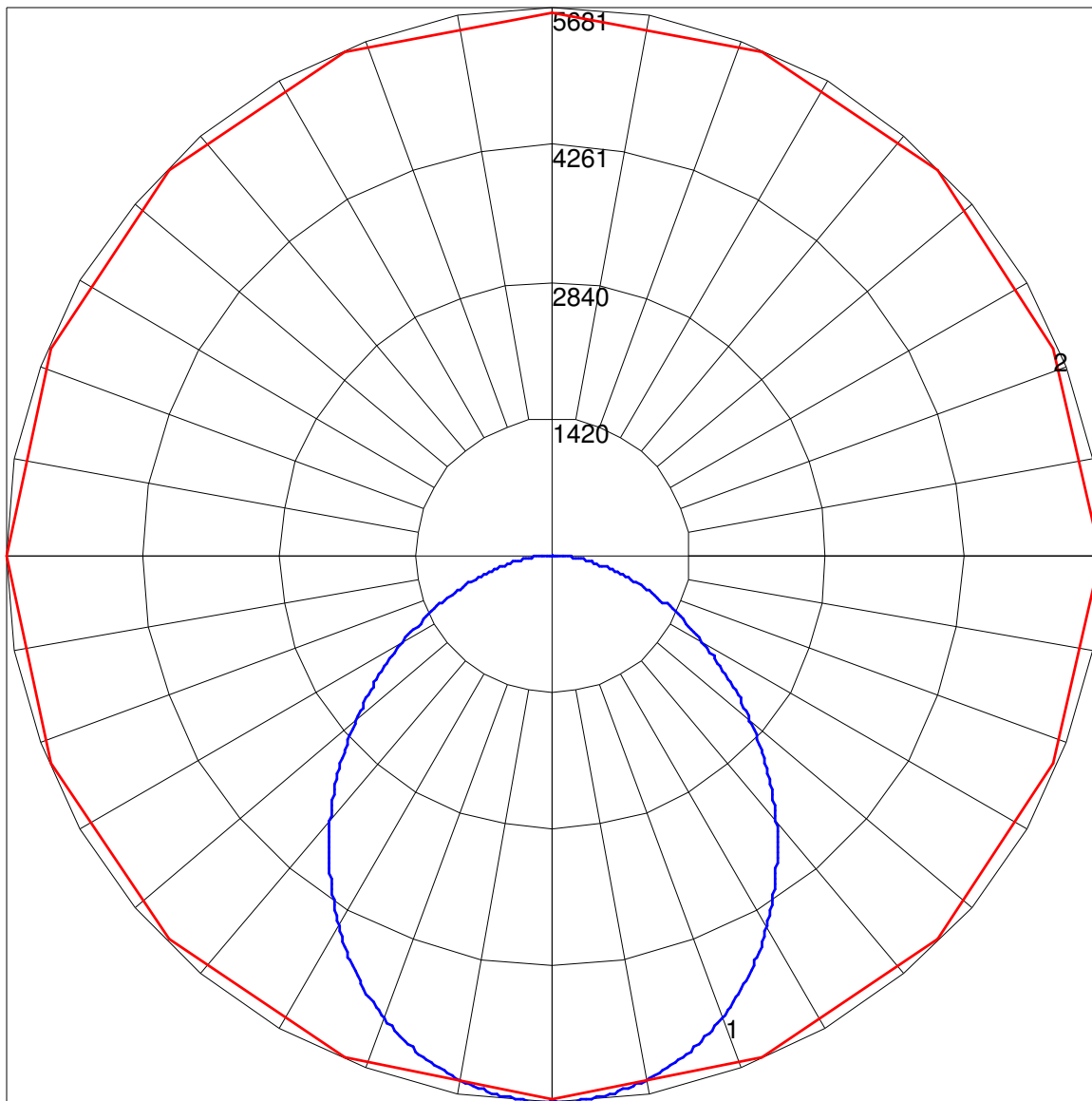
Reflectances

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	20.8	22.4	21.2	22.7	23.0	19.1	20.6	19.5	20.9	21.3
	3H	22.4	23.8	22.8	24.1	24.5	20.4	21.8	20.8	22.1	22.5
	4H	23.0	24.3	23.4	24.6	25.0	20.9	22.2	21.3	22.5	22.9
	6H	23.3	24.5	23.7	24.9	25.3	21.1	22.3	21.5	22.7	23.1
	8H	23.4	24.6	23.9	25.0	25.4	21.2	22.3	21.6	22.7	23.1
	12H	23.5	24.6	23.9	25.0	25.4	21.2	22.3	21.6	22.7	23.1
4H	2H	21.2	22.5	21.6	22.8	23.2	19.8	21.1	20.2	21.4	21.8
	3H	23.0	24.1	23.4	24.5	24.9	21.3	22.4	21.7	22.8	23.2
	4H	23.7	24.6	24.1	25.1	25.5	21.8	22.8	22.2	23.2	23.6
	6H	24.2	25.0	24.6	25.5	25.9	22.2	23.0	22.6	23.5	23.9
	8H	24.3	25.1	24.8	25.6	26.0	22.2	23.0	22.7	23.5	23.9
	12H	24.4	25.1	24.9	25.6	26.1	22.3	23.0	22.8	23.5	23.9
8H	4H	23.8	24.6	24.3	25.0	25.5	22.1	22.9	22.6	23.4	23.8
	6H	24.4	25.0	24.9	25.5	26.0	22.5	23.2	23.0	23.7	24.2
	8H	24.6	25.2	25.1	25.7	26.2	22.7	23.3	23.2	23.8	24.3
	12H	24.7	25.2	25.2	25.7	26.3	22.7	23.3	23.2	23.7	24.3
12H	4H	23.8	24.5	24.3	25.0	25.4	22.2	22.9	22.6	23.3	23.8
	6H	24.4	25.0	24.9	25.4	26.0	22.6	23.2	23.1	23.7	24.2
	8H	24.6	25.1	25.1	25.6	26.2	22.8	23.3	23.3	23.8	24.3

Maximum UGR = 26.3

POLAR GRAPH



Maximum Candela = 5680.936 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.)