

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L19-935-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-L19-935-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	12662
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
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	15443	13691	12121
55	13518	11684	9924
65	11502	9610	7984
75	9235	7217	5878
85	5980	3707	2837

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L19-935-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	5865.297	5865.297	5865.297	5865.297	5865.297
0.5	5893.971	5852.553	5866.890	5862.111	5858.925
1.0	5892.378	5850.960	5865.297	5860.518	5857.332
1.5	5890.785	5847.775	5863.704	5857.332	5854.146
2.0	5887.599	5846.182	5858.925	5850.960	5852.553
2.5	5886.006	5842.996	5855.739	5847.775	5846.182
3.0	5881.227	5838.217	5850.960	5839.810	5838.217
3.5	5878.041	5833.438	5844.589	5833.438	5830.252
4.0	5870.076	5827.066	5838.217	5825.473	5820.694
4.5	5866.890	5820.694	5830.252	5815.915	5809.543
5.0	5858.925	5814.322	5820.694	5806.357	5799.986
5.5	5855.739	5804.764	5811.136	5793.614	5785.649
6.0	5841.403	5796.800	5799.986	5780.870	5772.905
6.5	5833.438	5788.835	5787.242	5766.533	5756.976
7.0	5823.880	5777.684	5776.091	5752.197	5742.639
7.5	5814.322	5766.533	5761.754	5736.267	5725.116
8.0	5803.172	5753.790	5749.011	5718.744	5706.001
8.5	5792.021	5742.639	5734.674	5699.629	5686.885
9.0	5779.277	5729.895	5717.151	5680.513	5667.769
9.5	5764.940	5713.965	5701.222	5659.805	5645.468
10.0	5753.790	5699.629	5682.106	5640.689	5624.759
10.5	5736.267	5683.699	5664.584	5619.981	5602.458
11.0	5720.337	5667.769	5643.875	5596.086	5580.156
11.5	5704.408	5650.247	5623.166	5572.192	5553.076
12.0	5686.885	5632.724	5602.458	5546.704	5527.589
12.5	5666.177	5612.016	5580.156	5521.217	5498.915
13.0	5648.654	5592.900	5556.262	5494.136	5471.835
13.5	5631.131	5572.192	5532.367	5467.056	5444.754
14.0	5608.830	5551.483	5508.473	5436.790	5412.895
14.5	5589.714	5527.589	5481.393	5408.116	5382.629
15.0	5567.413	5505.287	5454.312	5377.850	5350.769
15.5	5545.111	5481.393	5427.232	5345.991	5318.910
16.0	5521.217	5457.498	5398.558	5314.131	5283.865
16.5	5498.915	5433.604	5369.885	5280.679	5250.413
17.0	5473.428	5406.523	5339.619	5247.227	5213.774
17.5	5449.533	5379.443	5310.945	5212.182	5177.136
18.0	5422.453	5353.955	5279.086	5177.136	5140.498
18.5	5398.558	5325.282	5247.227	5140.498	5100.674
19.0	5369.885	5296.609	5213.774	5102.267	5060.850
19.5	5342.805	5267.935	5180.322	5065.629	5021.026
20.0	5314.131	5237.669	5145.277	5027.398	4981.202
20.5	5285.458	5207.403	5110.232	4987.573	4939.784
21.0	5255.192	5177.136	5075.187	4947.749	4896.774
21.5	5226.518	5143.684	5038.548	4906.332	4855.357
22.0	5194.659	5111.825	5000.317	4864.915	4813.940
22.5	5162.800	5078.372	4962.086	4823.498	4769.337
23.0	5132.533	5046.513	4925.448	4778.895	4724.734
23.5	5100.674	5011.468	4885.624	4735.885	4680.131
24.0	5067.222	4976.423	4845.800	4692.875	4633.935
24.5	5033.769	4941.377	4804.382	4648.272	4589.332
25.0	4998.724	4906.332	4764.558	4603.669	4543.136
25.5	4962.086	4868.101	4723.141	4557.473	4493.754
26.0	4927.041	4831.463	4678.538	4511.277	4445.965
26.5	4891.996	4793.232	4637.121	4465.081	4396.583

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L19-935-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	4853.764	4755.001	4592.518	4417.292	4348.794
27.5	4813.940	4715.176	4549.508	4369.503	4301.006
28.0	4777.302	4676.945	4504.905	4320.121	4250.031
28.5	4739.071	4637.121	4461.895	4272.332	4200.649
29.0	4700.840	4597.297	4417.292	4222.950	4152.860
29.5	4656.237	4555.880	4371.096	4173.568	4101.885
30.0	4613.227	4512.870	4324.900	4124.186	4052.503
30.5	4573.403	4471.453	4280.297	4076.397	4001.528
31.0	4531.985	4430.036	4234.101	4027.016	3950.553
31.5	4492.161	4387.026	4187.905	3976.041	3899.578
32.0	4447.558	4344.016	4140.116	3926.659	3850.196
32.5	4406.141	4299.413	4093.920	3875.684	3797.629
33.0	4363.131	4256.402	4044.538	3826.302	3748.247
33.5	4320.121	4211.799	3999.935	3775.327	3694.086
34.0	4278.704	4167.196	3950.553	3725.945	3644.704
34.5	4235.694	4124.186	3902.764	3676.563	3595.322
35.0	4192.684	4077.990	3853.382	3625.588	3544.347
35.5	4148.081	4031.794	3805.593	3577.799	3491.779
36.0	4106.664	3987.191	3757.804	3526.825	3443.990
36.5	4062.061	3940.995	3708.423	3477.443	3393.015
37.0	4015.865	3894.799	3662.227	3428.061	3345.227
37.5	3971.262	3848.603	3614.438	3377.086	3294.252
38.0	3926.659	3800.815	3565.056	3327.704	3243.277
38.5	3880.463	3756.211	3517.267	3278.322	3193.895
39.0	3832.674	3708.423	3469.478	3228.940	3144.513
39.5	3788.071	3662.227	3420.096	3179.558	3095.131
40.0	3741.875	3614.438	3372.307	3133.362	3047.342
40.5	3692.493	3568.242	3322.925	3083.980	2996.367
41.0	3646.297	3520.453	3275.136	3034.598	2943.799
41.5	3600.101	3474.257	3227.347	2985.216	2894.417
42.0	3550.719	3426.468	3179.558	2934.242	2843.443
42.5	3499.744	3377.086	3131.769	2886.453	2794.061
43.0	3451.955	3329.297	3083.980	2833.885	2744.679
43.5	3405.759	3283.101	3036.191	2784.503	2698.483
44.0	3354.784	3235.312	2988.402	2738.307	2650.694
44.5	3306.995	3187.523	2935.835	2690.518	2602.905
45.0	3257.613	3141.327	2888.046	2644.322	2556.709
45.5	3208.232	3091.945	2838.664	2598.126	2508.920
46.0	3160.443	3045.749	2792.468	2551.930	2462.724
46.5	3112.654	2997.960	2746.272	2507.327	2418.121
47.0	3063.272	2950.171	2700.076	2461.131	2371.925
47.5	3013.890	2899.196	2655.473	2416.528	2327.322
48.0	2966.101	2849.814	2610.870	2371.925	2281.126
48.5	2916.719	2803.618	2564.674	2327.322	2236.523
49.0	2864.151	2755.829	2520.071	2282.719	2193.513
49.5	2817.955	2711.226	2477.061	2238.116	2150.503
50.0	2770.166	2665.030	2432.458	2195.106	2107.493
50.5	2725.563	2618.834	2387.855	2152.096	2064.483
51.0	2677.774	2574.231	2343.252	2107.493	2021.473
51.5	2631.578	2528.035	2300.241	2066.076	1980.056
52.0	2586.975	2481.839	2255.638	2023.066	1938.638
52.5	2540.779	2437.236	2212.628	1981.648	1898.814
53.0	2494.583	2392.633	2169.618	1940.231	1858.990
53.5	2448.387	2348.030	2128.201	1898.814	1817.573
54.0	2403.784	2303.427	2083.598	1858.990	1777.749
54.5	2357.588	2260.417	2042.181	1817.573	1737.925

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L19-935-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	2312.985	2215.814	1999.171	1779.342	1698.101
55.5	2266.789	2172.804	1957.754	1737.925	1659.870
56.0	2220.593	2128.201	1916.337	1699.694	1621.638
56.5	2175.990	2085.191	1874.920	1661.463	1585.797
57.0	2129.794	2042.181	1831.910	1623.231	1548.043
57.5	2085.191	2000.764	1792.086	1585.000	1511.246
58.0	2040.588	1957.754	1750.669	1547.406	1475.086
58.5	1995.985	1914.744	1709.251	1510.290	1438.925
59.0	1951.382	1873.327	1669.427	1473.811	1403.084
59.5	1906.779	1831.910	1629.603	1437.332	1368.198
60.0	1863.769	1790.493	1589.460	1400.694	1333.471
60.5	1820.759	1749.076	1550.592	1365.012	1298.744
61.0	1777.749	1709.251	1510.927	1329.648	1264.655
61.5	1736.332	1667.834	1472.378	1293.965	1231.043
62.0	1693.322	1626.417	1433.509	1259.876	1198.547
62.5	1651.905	1587.071	1395.915	1225.627	1165.413
63.0	1610.488	1547.725	1358.481	1191.538	1132.917
63.5	1569.867	1508.379	1321.046	1157.130	1100.102
64.0	1530.361	1469.351	1284.567	1123.996	1068.561
64.5	1489.582	1430.323	1247.769	1091.022	1037.180
65.0	1450.076	1392.092	1211.609	1058.047	1006.595
65.5	1410.889	1353.383	1175.130	1025.710	975.372
66.0	1371.861	1314.993	1139.926	994.169	944.788
66.5	1333.152	1277.080	1104.562	962.151	913.884
67.0	1293.965	1239.486	1069.676	930.451	884.255
67.5	1254.779	1201.892	1035.268	899.866	854.626
68.0	1217.185	1164.935	1000.541	869.122	824.678
68.5	1178.794	1128.297	966.611	838.855	795.845
69.0	1140.722	1091.659	933.000	808.748	767.172
69.5	1103.765	1055.180	900.185	778.960	739.295
70.0	1066.331	1018.860	866.732	749.809	711.100
70.5	1029.374	983.178	833.917	720.817	683.860
71.0	992.417	947.814	802.058	692.621	656.302
71.5	956.257	912.132	770.199	664.585	629.699
72.0	920.256	877.405	738.658	636.708	603.097
72.5	884.414	842.997	707.276	609.468	577.291
73.0	849.528	809.067	676.532	582.069	551.962
73.5	814.642	774.659	646.266	555.945	526.634
74.0	780.394	740.888	616.318	529.661	501.465
74.5	746.463	707.754	586.689	504.173	477.571
75.0	713.011	675.099	557.219	478.527	453.836
75.5	680.196	643.080	528.705	454.154	430.260
76.0	648.177	611.380	500.828	429.782	407.480
76.5	616.000	579.680	472.951	406.365	385.179
77.0	585.574	548.776	446.189	382.949	363.037
77.5	554.670	518.351	419.587	360.329	341.372
78.0	523.926	488.403	393.303	338.186	320.823
78.5	493.501	458.774	368.134	316.681	299.955
79.0	464.509	430.260	343.443	295.495	279.884
79.5	435.995	401.268	319.389	274.309	260.290
80.0	407.640	373.550	295.495	254.397	241.334
80.5	379.444	345.992	272.238	234.644	222.537
81.0	352.205	319.230	249.936	215.847	204.696
81.5	325.283	293.265	228.113	197.209	187.014
82.0	299.318	266.981	207.404	179.049	169.491
82.5	273.990	242.131	187.014	161.367	152.765

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L19-935-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	248.980	217.599	167.261	144.163	135.721
83.5	224.289	194.182	148.624	127.278	119.472
84.0	200.714	171.244	130.464	110.711	103.702
84.5	177.456	149.579	113.101	94.941	88.569
85.0	155.473	128.712	96.374	80.126	73.754
85.5	134.128	108.640	80.445	64.993	57.825
86.0	114.056	89.525	66.108	49.382	40.302
86.5	94.144	72.321	52.249	31.222	24.850
87.0	75.825	56.072	37.275	19.753	17.682
87.5	58.780	41.736	21.505	15.133	13.859
88.0	43.010	28.514	13.540	11.629	10.832
88.5	29.629	15.930	10.036	8.443	7.487
89.0	18.638	7.965	6.690	5.416	4.779
89.5	9.239	4.301	3.664	2.708	2.389
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L19-935-DMA-DIM-UNV_.IES

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-L19-935-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-L19-935-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-L19-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2083.4	N.A.	16.50
0-30	4270.61	N.A.	33.70
0-40	6679.96	N.A.	52.80
0-60	10704.91	N.A.	84.50
0-80	12531.35	N.A.	99.00
0-90	12662.49	N.A.	100.00
10-90	12111.65	N.A.	95.60
20-40	4596.55	N.A.	36.30
20-50	6830.82	N.A.	53.90
40-70	5238.61	N.A.	41.40
60-80	1826.44	N.A.	14.40
70-80	612.78	N.A.	4.80
80-90	131.14	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	12662.49	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	550.84
10-20	1532.56
20-30	2187.2
30-40	2409.35
40-50	2234.26
50-60	1790.69
60-70	1213.66
70-80	612.78
80-90	131.14
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-L19-935-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-L19-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

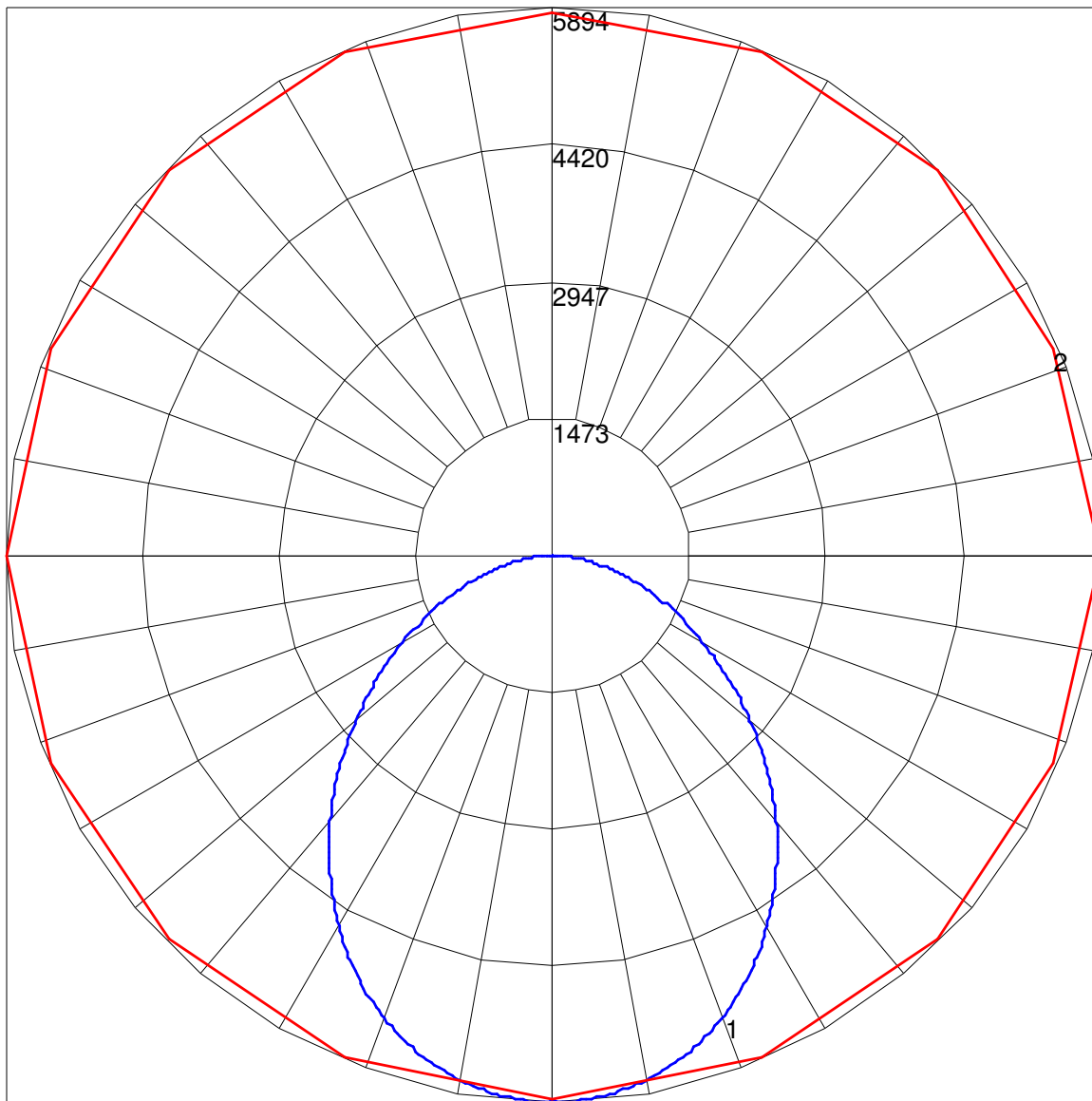
Reflectances

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	20.9	22.5	21.3	22.8	23.1	19.2	20.7	19.6	21.0	21.4
	3H	22.5	23.9	22.9	24.2	24.6	20.5	21.9	20.9	22.2	22.6
	4H	23.1	24.4	23.5	24.7	25.1	21.0	22.3	21.4	22.6	23.0
	6H	23.4	24.6	23.8	25.0	25.4	21.2	22.4	21.6	22.8	23.2
	8H	23.5	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
	12H	23.6	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
4H	2H	21.3	22.6	21.7	22.9	23.3	19.9	21.2	20.3	21.5	21.9
	3H	23.1	24.2	23.5	24.6	25.0	21.4	22.5	21.8	22.9	23.3
	4H	23.8	24.7	24.2	25.2	25.6	21.9	22.9	22.3	23.3	23.7
	6H	24.3	25.1	24.7	25.6	26.0	22.3	23.1	22.7	23.6	24.0
	8H	24.4	25.2	24.9	25.7	26.1	22.3	23.1	22.8	23.6	24.0
	12H	24.5	25.2	25.0	25.7	26.2	22.4	23.1	22.9	23.6	24.0
8H	4H	23.9	24.7	24.4	25.1	25.6	22.2	23.0	22.7	23.5	23.9
	6H	24.5	25.1	25.0	25.6	26.1	22.6	23.3	23.1	23.8	24.3
	8H	24.7	25.3	25.2	25.8	26.3	22.8	23.4	23.3	23.9	24.4
	12H	24.8	25.3	25.3	25.8	26.4	22.8	23.4	23.3	23.8	24.4
12H	4H	23.9	24.6	24.4	25.1	25.5	22.3	23.0	22.7	23.4	23.9
	6H	24.5	25.1	25.0	25.5	26.1	22.7	23.3	23.2	23.8	24.3
	8H	24.7	25.2	25.2	25.7	26.3	22.9	23.4	23.4	23.9	24.4

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 5893.971 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.)