

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L19-835-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-L19-835-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	15256
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
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	18607	16496	14603
55	16287	14077	11957
65	13858	11579	9620
75	11126	8695	7082
85	7205	4466	3418

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L19-835-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	7066.623	7066.623	7066.623	7066.623	7066.623
0.5	7101.169	7051.269	7068.542	7062.785	7058.946
1.0	7099.250	7049.350	7066.623	7060.866	7057.027
1.5	7097.331	7045.512	7064.704	7057.027	7053.189
2.0	7093.493	7043.592	7058.946	7049.350	7051.269
2.5	7091.573	7039.754	7055.108	7045.512	7043.592
3.0	7085.816	7033.996	7049.350	7035.915	7033.996
3.5	7081.977	7028.239	7041.673	7028.239	7024.400
4.0	7072.381	7020.562	7033.996	7018.642	7012.885
4.5	7068.542	7012.885	7024.400	7007.127	6999.450
5.0	7058.946	7005.208	7012.885	6995.612	6987.935
5.5	7055.108	6993.692	7001.369	6980.258	6970.661
6.0	7037.835	6984.096	6987.935	6964.904	6955.308
6.5	7028.239	6974.500	6972.581	6947.631	6936.115
7.0	7016.723	6961.065	6959.146	6930.358	6918.842
7.5	7005.208	6947.631	6941.873	6911.165	6897.731
8.0	6991.773	6932.277	6926.519	6890.054	6874.700
8.5	6978.338	6918.842	6909.246	6867.023	6851.669
9.0	6962.985	6903.488	6888.134	6843.992	6828.638
9.5	6945.711	6884.296	6868.942	6819.042	6801.769
10.0	6932.277	6867.023	6845.911	6796.011	6776.819
10.5	6911.165	6847.830	6824.800	6771.061	6749.949
11.0	6891.973	6828.638	6799.850	6742.273	6723.080
11.5	6872.781	6807.527	6774.900	6713.484	6690.453
12.0	6851.669	6786.415	6749.949	6682.776	6659.745
12.5	6826.719	6761.465	6723.080	6652.068	6625.199
13.0	6805.607	6738.434	6694.292	6619.441	6592.572
13.5	6784.496	6713.484	6665.503	6586.814	6559.945
14.0	6757.626	6688.534	6636.715	6550.349	6521.560
14.5	6734.596	6659.745	6604.088	6515.803	6485.095
15.0	6707.726	6632.876	6571.461	6479.337	6446.710
15.5	6680.857	6604.088	6538.834	6440.953	6408.326
16.0	6652.068	6575.299	6504.287	6402.568	6366.102
16.5	6625.199	6546.511	6469.741	6362.264	6325.799
17.0	6594.491	6513.884	6433.276	6321.960	6281.656
17.5	6565.703	6481.257	6398.729	6279.737	6237.514
18.0	6533.076	6450.549	6360.345	6237.514	6193.371
18.5	6504.287	6416.003	6321.960	6193.371	6145.390
19.0	6469.741	6381.456	6281.656	6147.310	6097.410
19.5	6437.114	6346.910	6241.352	6103.167	6049.429
20.0	6402.568	6310.445	6199.129	6057.106	6001.448
20.5	6368.022	6273.979	6156.906	6009.125	5951.548
21.0	6331.556	6237.514	6114.683	5961.144	5899.728
21.5	6297.010	6197.210	6070.540	5911.244	5849.828
22.0	6258.625	6158.825	6024.479	5861.344	5799.928
22.5	6220.241	6118.521	5978.417	5811.444	5746.190
23.0	6183.775	6080.136	5934.275	5757.705	5692.451
23.5	6145.390	6037.913	5886.294	5705.886	5638.712
24.0	6105.087	5995.690	5838.313	5654.066	5583.055
24.5	6064.783	5953.467	5788.413	5600.328	5529.316
25.0	6022.559	5911.244	5740.432	5546.589	5473.658
25.5	5978.417	5865.182	5690.532	5490.931	5414.162
26.0	5936.194	5821.040	5636.793	5435.273	5356.585
26.5	5893.971	5774.978	5586.893	5379.616	5297.089

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L19-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	5847.909	5728.916	5533.154	5322.039	5239.512
27.5	5799.928	5680.936	5481.335	5264.462	5181.934
28.0	5755.786	5634.874	5427.597	5204.965	5120.519
28.5	5709.724	5586.893	5375.777	5147.388	5061.023
29.0	5663.662	5538.912	5322.039	5087.892	5003.446
29.5	5609.924	5489.012	5266.381	5028.396	4942.030
30.0	5558.105	5437.193	5210.723	4968.899	4882.534
30.5	5510.124	5387.293	5156.984	4911.322	4821.118
31.0	5460.224	5337.393	5101.327	4851.826	4759.703
31.5	5412.243	5285.573	5045.669	4790.411	4698.287
32.0	5358.504	5233.754	4988.092	4730.914	4638.791
32.5	5308.604	5180.015	4932.434	4669.499	4575.456
33.0	5256.785	5128.196	4872.938	4610.002	4515.960
33.5	5204.965	5074.457	4819.199	4548.587	4450.706
34.0	5155.065	5020.719	4759.703	4489.091	4391.210
34.5	5103.246	4968.899	4702.126	4429.594	4331.713
35.0	5051.426	4913.242	4642.629	4368.179	4270.298
35.5	4997.688	4857.584	4585.052	4310.602	4206.963
36.0	4947.788	4803.845	4527.475	4249.186	4149.386
36.5	4894.049	4748.187	4467.979	4189.690	4087.971
37.0	4838.391	4692.530	4412.321	4130.194	4030.393
37.5	4784.653	4636.872	4354.744	4068.778	3968.978
38.0	4730.914	4579.295	4295.248	4009.282	3907.562
38.5	4675.256	4525.556	4237.671	3949.786	3848.066
39.0	4617.679	4467.979	4180.094	3890.289	3788.570
39.5	4563.941	4412.321	4120.598	3830.793	3729.074
40.0	4508.283	4354.744	4063.020	3775.135	3671.497
40.5	4448.787	4299.086	4003.524	3715.639	3610.081
41.0	4393.129	4241.509	3945.947	3656.143	3546.746
41.5	4337.471	4185.852	3888.370	3596.646	3487.250
42.0	4277.975	4128.274	3830.793	3535.231	3425.834
42.5	4216.559	4068.778	3773.216	3477.654	3366.338
43.0	4158.982	4011.201	3715.639	3414.319	3306.842
43.5	4103.324	3955.543	3658.062	3354.823	3251.184
44.0	4041.909	3897.966	3600.485	3299.165	3193.607
44.5	3984.332	3840.389	3537.150	3241.588	3136.030
45.0	3924.836	3784.731	3479.573	3185.930	3080.372
45.5	3865.339	3725.235	3420.077	3130.272	3022.795
46.0	3807.762	3669.577	3364.419	3074.614	2967.137
46.5	3750.185	3612.000	3308.761	3020.876	2913.399
47.0	3690.689	3554.423	3253.103	2965.218	2857.741
47.5	3631.193	3493.008	3199.365	2911.479	2804.002
48.0	3573.616	3433.511	3145.626	2857.741	2748.345
48.5	3514.119	3377.854	3089.968	2804.002	2694.606
49.0	3450.785	3320.277	3036.230	2750.264	2642.787
49.5	3395.127	3266.538	2984.410	2696.525	2590.967
50.0	3337.550	3210.880	2930.672	2644.706	2539.148
50.5	3283.811	3155.222	2876.933	2592.886	2487.329
51.0	3226.234	3101.484	2823.195	2539.148	2435.509
51.5	3170.576	3045.826	2771.375	2489.248	2385.609
52.0	3116.838	2990.168	2717.637	2437.428	2335.709
52.5	3061.180	2936.430	2665.817	2387.528	2287.728
53.0	3005.522	2882.691	2613.998	2337.628	2239.747
53.5	2949.864	2828.952	2564.098	2287.728	2189.847
54.0	2896.126	2775.214	2510.359	2239.747	2141.866
54.5	2840.468	2723.394	2460.459	2189.847	2093.885

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L19-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	2786.729	2669.656	2408.640	2143.785	2045.905
55.5	2731.071	2617.837	2358.740	2093.885	1999.843
56.0	2675.414	2564.098	2308.840	2047.824	1953.781
56.5	2621.675	2512.279	2258.940	2001.762	1910.598
57.0	2566.017	2460.459	2207.120	1955.700	1865.113
57.5	2512.279	2410.559	2159.139	1909.639	1820.778
58.0	2458.540	2358.740	2109.239	1864.345	1777.212
58.5	2404.801	2306.920	2059.339	1819.627	1733.645
59.0	2351.063	2257.020	2011.358	1775.676	1690.462
59.5	2297.324	2207.120	1963.377	1731.726	1648.431
60.0	2245.505	2157.220	1915.013	1687.583	1606.592
60.5	2193.686	2107.320	1868.183	1644.592	1564.752
61.0	2141.866	2059.339	1820.394	1601.985	1523.681
61.5	2091.966	2009.439	1773.949	1558.995	1483.185
62.0	2040.147	1959.539	1727.120	1517.923	1444.032
62.5	1990.247	1912.134	1681.826	1476.659	1404.112
63.0	1940.347	1864.729	1636.724	1435.588	1364.960
63.5	1891.406	1817.324	1591.622	1394.132	1325.424
64.0	1843.809	1770.302	1547.671	1354.212	1287.423
64.5	1794.677	1723.281	1503.337	1314.484	1249.614
65.0	1747.080	1677.219	1459.770	1274.756	1212.765
65.5	1699.866	1630.582	1415.820	1235.795	1175.148
66.0	1652.845	1584.328	1373.405	1197.795	1138.298
66.5	1606.208	1538.651	1330.798	1159.218	1101.065
67.0	1558.995	1493.357	1288.766	1121.025	1065.367
67.5	1511.781	1448.063	1247.311	1084.176	1029.670
68.0	1466.487	1403.537	1205.471	1047.135	993.588
68.5	1420.234	1359.394	1164.592	1010.669	958.850
69.0	1374.364	1315.252	1124.096	974.396	924.304
69.5	1329.838	1271.301	1084.560	938.506	890.717
70.0	1284.736	1227.543	1044.256	903.384	856.747
70.5	1240.210	1184.552	1004.720	868.454	823.928
71.0	1195.683	1141.945	966.335	834.483	790.725
71.5	1152.117	1098.954	927.950	800.705	758.674
72.0	1108.742	1057.115	889.949	767.118	726.622
72.5	1065.559	1015.659	852.140	734.299	695.531
73.0	1023.528	974.779	815.099	701.288	665.015
73.5	981.497	933.324	778.634	669.813	634.499
74.0	940.233	892.636	742.552	638.146	604.175
74.5	899.354	852.716	706.854	607.438	575.387
75.0	859.050	813.372	671.348	576.538	546.790
75.5	819.513	774.795	636.994	547.174	518.385
76.0	780.937	736.602	603.407	517.810	490.940
76.5	742.168	698.410	569.821	489.597	464.071
77.0	705.511	661.176	537.578	461.384	437.394
77.5	668.278	624.519	505.526	434.131	411.292
78.0	631.236	588.437	473.859	407.454	386.534
78.5	594.579	552.740	443.535	381.544	361.392
79.0	559.649	518.385	413.787	356.018	337.210
79.5	525.295	483.455	384.807	330.492	313.603
80.0	491.132	450.061	356.018	306.502	290.764
80.5	457.162	416.858	327.997	282.703	268.117
81.0	424.343	384.615	301.128	260.056	246.622
81.5	391.908	353.331	274.834	237.601	225.318
82.0	360.624	321.664	249.884	215.722	204.207
82.5	330.108	291.724	225.318	194.419	184.055

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L19-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	299.976	262.167	201.520	173.691	163.519
83.5	270.228	233.955	179.065	153.347	143.943
84.0	241.824	206.318	157.185	133.387	124.942
84.5	213.803	180.216	136.266	114.386	106.709
85.0	187.317	155.074	116.114	96.538	88.861
85.5	161.600	130.892	96.921	78.305	69.668
86.0	137.417	107.861	79.648	59.496	48.557
86.5	113.427	87.133	62.951	37.617	29.940
87.0	91.356	67.557	44.910	23.799	21.304
87.5	70.820	50.284	25.910	18.233	16.697
88.0	51.819	34.354	16.313	14.010	13.051
88.5	35.698	19.192	12.091	10.172	9.020
89.0	22.455	9.596	8.061	6.525	5.758
89.5	11.132	5.182	4.414	3.263	2.879
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-L19-835-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-L19-835-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-L19-835-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-L19-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2510.12	N.A.	16.50
0-30	5145.31	N.A.	33.70
0-40	8048.14	N.A.	52.80
0-60	12897.48	N.A.	84.50
0-80	15098.01	N.A.	99.00
0-90	15256.01	N.A.	100.00
10-90	14592.35	N.A.	95.60
20-40	5538.02	N.A.	36.30
20-50	8229.9	N.A.	53.90
40-70	6311.58	N.A.	41.40
60-80	2200.53	N.A.	14.40
70-80	738.29	N.A.	4.80
80-90	158.00	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	15256.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	663.66
10-20	1846.46
20-30	2635.19
30-40	2902.83
40-50	2691.88
50-60	2157.46
60-70	1462.24
70-80	738.29
80-90	158.00
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-L19-835-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-L19-835-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

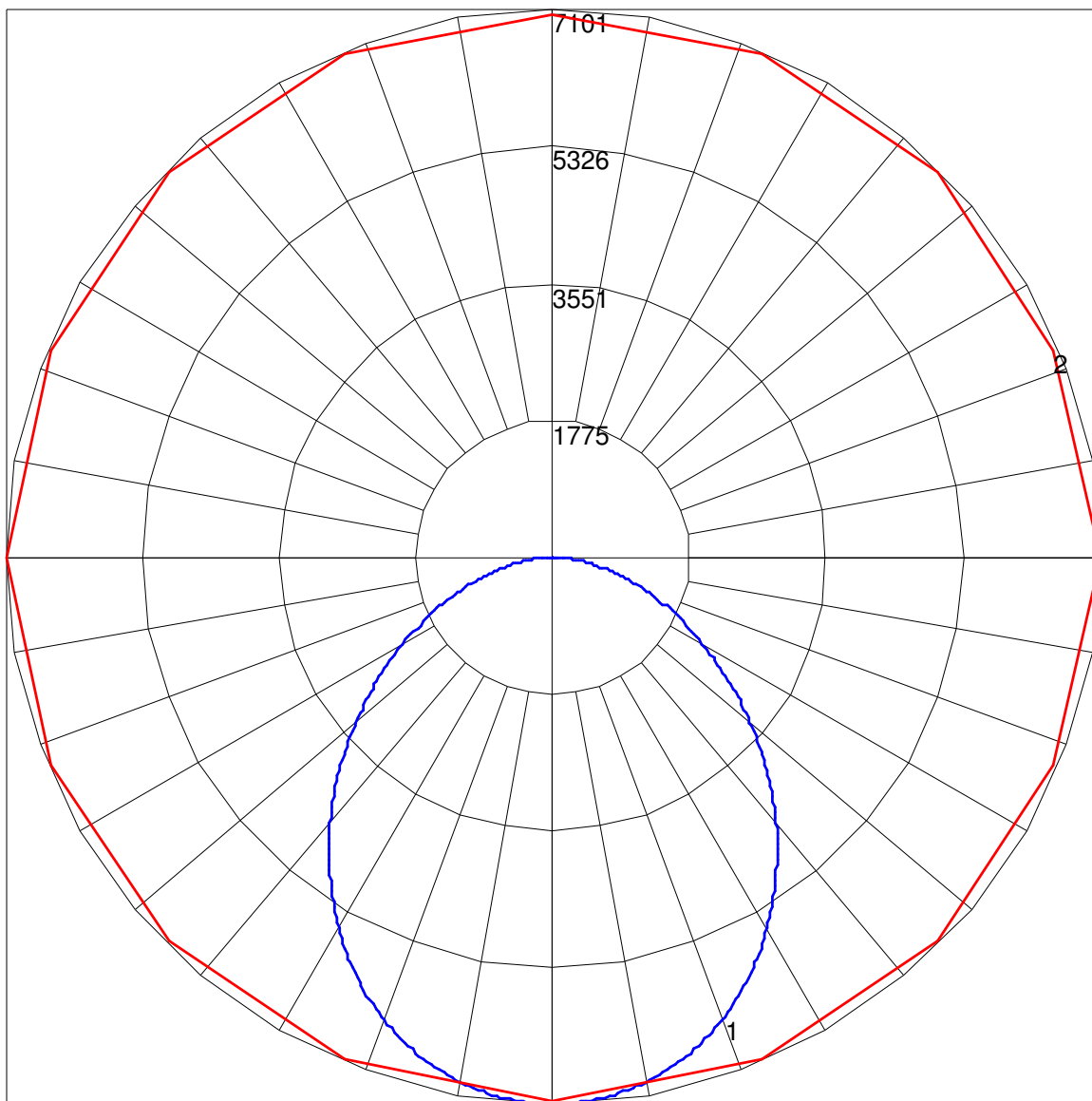
Reflectances

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	21.6	23.2	22.0	23.5	23.8	19.9	21.4	20.3	21.7	22.1
	3H	23.2	24.6	23.6	24.9	25.3	21.2	22.6	21.6	22.9	23.3
	4H	23.8	25.1	24.2	25.4	25.8	21.7	23.0	22.1	23.3	23.7
	6H	24.1	25.3	24.5	25.7	26.1	21.9	23.1	22.3	23.5	23.9
	8H	24.2	25.4	24.7	25.8	26.2	22.0	23.1	22.4	23.5	23.9
	12H	24.3	25.4	24.7	25.8	26.2	22.0	23.1	22.4	23.5	23.9
4H	2H	22.0	23.3	22.4	23.6	24.0	20.6	21.9	21.0	22.2	22.6
	3H	23.8	24.9	24.2	25.3	25.7	22.1	23.2	22.5	23.6	24.0
	4H	24.5	25.4	24.9	25.9	26.3	22.6	23.6	23.0	24.0	24.4
	6H	25.0	25.8	25.4	26.3	26.7	23.0	23.8	23.4	24.3	24.7
	8H	25.1	25.9	25.6	26.4	26.8	23.0	23.8	23.5	24.3	24.7
	12H	25.2	25.9	25.7	26.4	26.9	23.1	23.8	23.6	24.3	24.7
8H	4H	24.6	25.4	25.1	25.8	26.3	22.9	23.7	23.4	24.2	24.6
	6H	25.2	25.8	25.7	26.3	26.8	23.3	24.0	23.8	24.5	25.0
	8H	25.4	26.0	25.9	26.5	27.0	23.5	24.1	24.0	24.6	25.1
	12H	25.5	26.0	26.0	26.5	27.1	23.5	24.1	24.0	24.5	25.1
12H	4H	24.6	25.3	25.1	25.8	26.2	23.0	23.7	23.4	24.1	24.6
	6H	25.2	25.8	25.7	26.2	26.8	23.4	24.0	23.9	24.5	25.0
	8H	25.4	25.9	25.9	26.4	27.0	23.6	24.1	24.1	24.6	25.1

Maximum UGR = 27.1

POLAR GRAPH



Maximum Candela = 7101.169 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.)