

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L15-840-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-L15-840-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	12368
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	15085	13373	11839
55	13204	11412	9694
65	11235	9387	7799
75	9020	7049	5741
85	5841	3621	2771

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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	5729.004	5729.004	5729.004	5729.004	5729.004
0.5	5757.011	5716.557	5730.560	5725.892	5722.780
1.0	5755.455	5715.001	5729.004	5724.336	5721.224
1.5	5753.899	5711.889	5727.448	5721.224	5718.112
2.0	5750.787	5710.333	5722.780	5715.001	5716.557
2.5	5749.231	5707.221	5719.668	5711.889	5710.333
3.0	5744.564	5702.553	5715.001	5704.109	5702.553
3.5	5741.452	5697.885	5708.777	5697.885	5694.773
4.0	5733.672	5691.661	5702.553	5690.105	5685.438
4.5	5730.560	5685.438	5694.773	5680.770	5674.546
5.0	5722.780	5679.214	5685.438	5671.434	5665.210
5.5	5719.668	5669.878	5676.102	5658.986	5651.207
6.0	5705.665	5662.098	5665.210	5646.539	5638.759
6.5	5697.885	5654.319	5652.763	5632.535	5623.200
7.0	5688.549	5643.427	5641.871	5618.532	5609.196
7.5	5679.214	5632.535	5627.867	5602.972	5592.081
8.0	5668.322	5620.088	5615.420	5585.857	5573.409
8.5	5657.430	5609.196	5601.416	5567.185	5554.738
9.0	5644.983	5596.748	5584.301	5548.514	5536.066
9.5	5630.979	5581.189	5568.741	5528.287	5514.283
10.0	5620.088	5567.185	5550.070	5509.615	5494.056
10.5	5602.972	5551.626	5532.955	5489.388	5472.273
11.0	5587.413	5536.066	5512.727	5466.049	5450.489
11.5	5571.853	5518.951	5492.500	5442.710	5424.038
12.0	5554.738	5501.836	5472.273	5417.814	5399.143
12.5	5534.510	5481.608	5450.489	5392.919	5371.136
13.0	5517.395	5462.937	5427.150	5366.468	5344.685
13.5	5500.280	5442.710	5403.811	5340.017	5318.234
14.0	5478.496	5422.482	5380.472	5310.454	5287.115
14.5	5459.825	5399.143	5354.020	5282.447	5257.552
15.0	5438.042	5377.360	5327.569	5252.884	5226.433
15.5	5416.258	5354.020	5301.118	5221.765	5195.314
16.0	5392.919	5330.681	5273.111	5190.646	5161.083
16.5	5371.136	5307.342	5245.104	5157.971	5128.408
17.0	5346.241	5280.891	5215.541	5125.296	5092.621
17.5	5322.901	5254.440	5187.534	5091.065	5056.834
18.0	5296.450	5229.544	5156.415	5056.834	5021.047
18.5	5273.111	5201.537	5125.296	5021.047	4982.149
19.0	5245.104	5173.530	5092.621	4983.705	4943.250
19.5	5218.653	5145.523	5059.946	4947.918	4904.351
20.0	5190.646	5115.960	5025.715	4910.575	4865.452
20.5	5162.639	5086.397	4991.484	4871.676	4824.998
21.0	5133.076	5056.834	4957.253	4832.778	4782.987
21.5	5105.069	5024.159	4921.467	4792.323	4742.532
22.0	5073.950	4993.040	4884.124	4751.868	4702.078
22.5	5042.831	4960.365	4846.781	4711.413	4658.511
23.0	5013.268	4929.246	4810.994	4667.847	4614.945
23.5	4982.149	4895.015	4772.095	4625.836	4571.378
24.0	4949.474	4860.785	4733.197	4583.826	4526.256
24.5	4916.799	4826.554	4692.742	4540.259	4482.689
25.0	4882.568	4792.323	4653.843	4496.693	4437.566
25.5	4846.781	4754.980	4613.389	4451.570	4389.332
26.0	4812.550	4719.193	4569.822	4406.447	4342.654
26.5	4778.319	4681.850	4529.367	4361.325	4294.419

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CANDELA TABULATION - (Cont.)

27.0	4740.977	4644.508	4485.801	4314.647	4247.741
27.5	4702.078	4605.609	4443.790	4267.968	4201.062
28.0	4666.291	4568.266	4400.224	4219.734	4151.272
28.5	4628.948	4529.367	4358.213	4173.055	4103.037
29.0	4591.605	4490.469	4314.647	4124.821	4056.359
29.5	4548.039	4450.014	4269.524	4076.586	4006.569
30.0	4506.028	4408.003	4224.401	4028.352	3958.334
30.5	4467.130	4367.549	4180.835	3981.673	3908.544
31.0	4426.675	4327.094	4135.712	3933.439	3858.753
31.5	4387.776	4285.083	4090.590	3883.649	3808.963
32.0	4344.210	4243.073	4043.911	3835.414	3760.729
32.5	4303.755	4199.506	3998.789	3785.624	3709.382
33.0	4261.744	4157.496	3950.554	3737.389	3661.148
33.5	4219.734	4113.929	3906.988	3687.599	3608.246
34.0	4179.279	4070.363	3858.753	3639.365	3560.011
34.5	4137.268	4028.352	3812.075	3591.130	3511.777
35.0	4095.258	3983.229	3763.841	3541.340	3461.986
35.5	4051.691	3938.107	3717.162	3494.661	3410.640
36.0	4011.236	3894.540	3670.484	3444.871	3363.962
36.5	3967.670	3849.418	3622.249	3396.637	3314.171
37.0	3922.547	3804.295	3577.127	3348.402	3267.493
37.5	3878.981	3759.173	3530.448	3298.612	3217.702
38.0	3835.414	3712.494	3482.214	3250.377	3167.912
38.5	3790.292	3668.928	3435.535	3202.143	3119.678
39.0	3743.613	3622.249	3388.857	3153.909	3071.443
39.5	3700.047	3577.127	3340.622	3105.674	3023.209
40.0	3654.924	3530.448	3293.944	3060.552	2976.530
40.5	3606.690	3485.326	3245.710	3012.317	2926.740
41.0	3561.567	3438.647	3199.031	2964.083	2875.394
41.5	3516.445	3393.525	3152.353	2915.848	2827.159
42.0	3468.210	3346.846	3105.674	2866.058	2777.369
42.5	3418.420	3298.612	3058.996	2819.380	2729.134
43.0	3371.741	3251.933	3012.317	2768.033	2680.900
43.5	3326.619	3206.811	2965.639	2719.799	2635.778
44.0	3276.829	3160.132	2918.960	2674.676	2589.099
44.5	3230.150	3113.454	2867.614	2627.998	2542.421
45.0	3181.916	3068.331	2820.935	2582.875	2497.298
45.5	3133.681	3020.097	2772.701	2537.753	2450.620
46.0	3087.003	2974.974	2727.579	2492.630	2405.497
46.5	3040.324	2928.296	2682.456	2449.064	2361.931
47.0	2992.090	2881.617	2637.334	2403.941	2316.808
47.5	2943.855	2831.827	2593.767	2360.375	2273.241
48.0	2897.177	2783.593	2550.200	2316.808	2228.119
48.5	2848.943	2738.470	2505.078	2273.241	2184.552
49.0	2797.596	2691.792	2461.511	2229.675	2142.542
49.5	2752.474	2648.225	2419.501	2186.108	2100.531
50.0	2705.795	2603.103	2375.934	2144.098	2058.520
50.5	2662.229	2557.980	2332.368	2102.087	2016.510
51.0	2615.550	2514.414	2288.801	2058.520	1974.499
51.5	2570.428	2469.291	2246.790	2018.066	1934.045
52.0	2526.861	2424.168	2203.224	1976.055	1893.590
52.5	2481.739	2380.602	2161.213	1935.601	1854.691
53.0	2436.616	2337.035	2119.203	1895.146	1815.792
53.5	2391.494	2293.469	2078.748	1854.691	1775.338
54.0	2347.927	2249.902	2035.181	1815.792	1736.439
54.5	2302.804	2207.892	1994.727	1775.338	1697.540

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CANDELA TABULATION - (Cont.)

55.0	2259.238	2164.325	1952.716	1737.995	1658.642
55.5	2214.115	2122.314	1912.261	1697.540	1621.299
56.0	2168.993	2078.748	1871.807	1660.198	1583.956
56.5	2125.426	2036.737	1831.352	1622.855	1548.947
57.0	2080.304	1994.727	1789.341	1585.512	1512.071
57.5	2036.737	1954.272	1750.443	1548.169	1476.129
58.0	1993.171	1912.261	1709.988	1511.449	1440.809
58.5	1949.604	1870.251	1669.533	1475.195	1405.489
59.0	1906.037	1829.796	1630.635	1439.564	1370.480
59.5	1862.471	1789.341	1591.736	1403.933	1336.405
60.0	1820.460	1748.887	1552.526	1368.146	1302.485
60.5	1778.450	1708.432	1514.561	1333.293	1268.565
61.0	1736.439	1669.533	1475.818	1298.751	1235.268
61.5	1695.984	1629.079	1438.164	1263.897	1202.437
62.0	1653.974	1588.624	1400.198	1230.600	1170.696
62.5	1613.519	1550.192	1363.478	1197.147	1138.332
63.0	1573.064	1511.760	1326.913	1163.850	1106.591
63.5	1533.388	1473.328	1290.348	1130.241	1074.538
64.0	1494.800	1435.207	1254.717	1097.878	1043.731
64.5	1454.968	1397.087	1218.775	1065.669	1013.078
65.0	1416.380	1359.744	1183.455	1033.461	983.204
65.5	1378.104	1321.934	1147.824	1001.876	952.708
66.0	1339.983	1284.436	1113.437	971.068	922.833
66.5	1302.174	1247.404	1078.895	939.793	892.648
67.0	1263.897	1210.684	1044.820	908.830	863.707
67.5	1225.621	1173.963	1011.211	878.956	834.767
68.0	1188.901	1137.865	977.292	848.926	805.515
68.5	1151.402	1102.079	944.150	819.363	777.352
69.0	1114.215	1066.292	911.319	789.955	749.345
69.5	1078.117	1030.661	879.267	760.859	722.116
70.0	1041.552	995.185	846.592	732.385	694.576
70.5	1005.454	960.332	814.539	704.067	667.969
71.0	969.356	925.790	783.420	676.527	641.051
71.5	934.036	890.936	752.301	649.142	615.067
72.0	898.872	857.017	721.494	621.913	589.082
72.5	863.863	823.408	690.841	595.306	563.876
73.0	829.788	790.266	660.812	568.544	539.136
73.5	795.712	756.658	631.248	543.026	514.397
74.0	762.259	723.672	601.997	517.353	489.813
74.5	729.118	691.308	573.056	492.458	466.474
75.0	696.443	659.411	544.271	467.407	443.290
75.5	664.390	628.137	516.419	443.601	420.262
76.0	633.116	597.173	489.190	419.795	398.012
76.5	601.685	566.210	461.961	396.923	376.228
77.0	571.967	536.024	435.821	374.050	354.601
77.5	541.781	506.306	409.837	351.956	333.440
78.0	511.752	477.054	384.164	330.328	313.368
78.5	482.033	448.113	359.580	309.323	292.985
79.0	453.715	420.262	335.463	288.629	273.380
79.5	425.863	391.944	311.968	267.934	254.242
80.0	398.167	364.870	288.629	248.485	235.726
80.5	370.627	337.952	265.912	229.191	217.366
81.0	344.020	311.812	244.128	210.831	199.939
81.5	317.725	286.450	222.812	192.626	182.668
82.0	292.363	260.777	202.585	174.889	165.553
82.5	267.623	236.504	182.668	157.618	149.216

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CANDELA TABULATION - (Cont.)

83.0	243.195	212.543	163.375	140.813	132.567
83.5	219.078	189.670	145.170	124.320	116.696
84.0	196.050	167.265	127.432	108.138	101.292
84.5	173.333	146.104	110.472	92.735	86.511
85.0	151.861	125.721	94.135	78.264	72.040
85.5	131.011	106.116	78.575	63.483	56.481
86.0	111.406	87.444	64.572	48.234	39.366
86.5	91.957	70.640	51.035	30.497	24.273
87.0	74.063	54.769	36.409	19.294	17.271
87.5	57.415	40.766	21.005	14.782	13.537
88.0	42.011	27.851	13.226	11.358	10.580
88.5	28.941	15.559	9.802	8.247	7.313
89.0	18.205	7.780	6.535	5.290	4.668
89.5	9.025	4.201	3.579	2.645	2.334
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-L15-840-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-L15-840-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-L15-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2034.99	N.A.	16.50
0-30	4171.37	N.A.	33.70
0-40	6524.73	N.A.	52.80
0-60	10456.16	N.A.	84.50
0-80	12240.15	N.A.	99.00
0-90	12368.25	N.A.	100.00
10-90	11830.21	N.A.	95.60
20-40	4489.74	N.A.	36.30
20-50	6672.09	N.A.	53.90
40-70	5116.88	N.A.	41.40
60-80	1784.00	N.A.	14.40
70-80	598.54	N.A.	4.80
80-90	128.09	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	12368.25	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	538.04
10-20	1496.95
20-30	2136.38
30-40	2353.36
40-50	2182.35
50-60	1749.08
60-70	1185.45
70-80	598.54
80-90	128.09
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-L15-840-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-L15-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

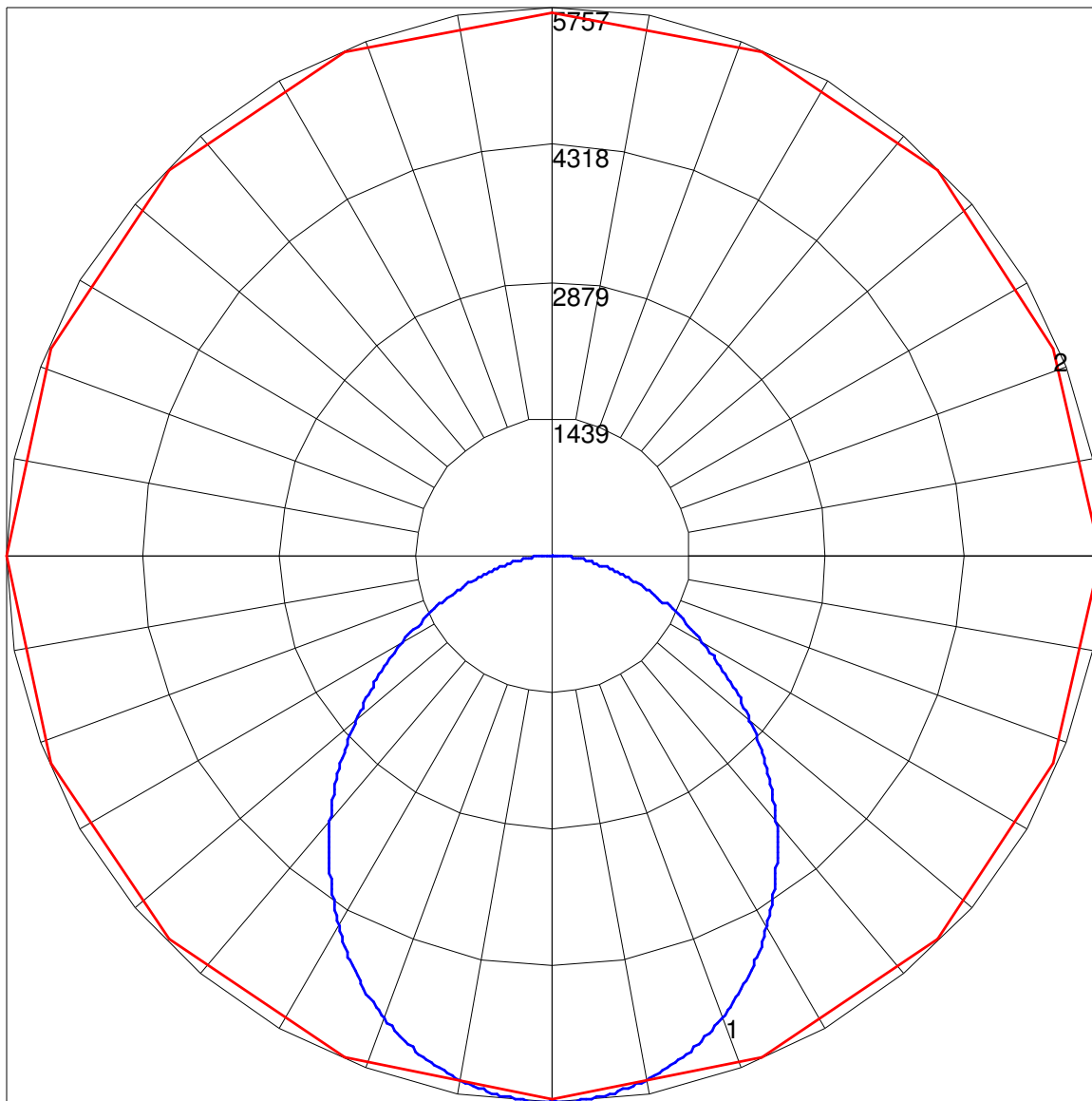
Reflectances

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 = 5757.011 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.)