

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L15-940-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-L15-940-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	10327
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
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	12595	11166	9885
55	11025	9529	8094
65	9380	7838	6512
75	7531	5886	4794
85	4877	3023	2313

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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	4783.441	4783.441	4783.441	4783.441	4783.441
0.5	4806.825	4773.048	4784.740	4780.843	4778.244
1.0	4805.526	4771.749	4783.441	4779.543	4776.945
1.5	4804.227	4769.150	4782.142	4776.945	4774.347
2.0	4801.629	4767.851	4778.244	4771.749	4773.048
2.5	4800.330	4765.253	4775.646	4769.150	4767.851
3.0	4796.432	4761.355	4771.749	4762.655	4761.355
3.5	4793.834	4757.458	4766.552	4757.458	4754.860
4.0	4787.338	4752.261	4761.355	4750.962	4747.065
4.5	4784.740	4747.065	4754.860	4743.167	4737.971
5.0	4778.244	4741.868	4747.065	4735.373	4730.176
5.5	4775.646	4734.073	4739.270	4724.979	4718.484
6.0	4763.954	4727.578	4730.176	4714.586	4708.091
6.5	4757.458	4721.082	4719.783	4702.894	4695.099
7.0	4749.663	4711.988	4710.689	4691.202	4683.407
7.5	4741.868	4702.894	4698.997	4678.210	4669.116
8.0	4732.774	4692.501	4688.603	4663.920	4653.527
8.5	4723.680	4683.407	4676.911	4648.330	4637.937
9.0	4713.287	4673.014	4662.621	4632.740	4622.347
9.5	4701.595	4660.022	4649.629	4615.852	4604.159
10.0	4692.501	4648.330	4634.040	4600.262	4587.270
10.5	4678.210	4635.339	4619.749	4583.373	4569.082
11.0	4665.219	4622.347	4602.860	4563.886	4550.894
11.5	4652.228	4608.057	4585.971	4544.399	4528.809
12.0	4637.937	4593.766	4569.082	4523.612	4508.023
12.5	4621.048	4576.877	4550.894	4502.826	4484.638
13.0	4606.758	4561.288	4531.407	4480.741	4462.553
13.5	4592.467	4544.399	4511.920	4458.655	4440.467
14.0	4574.279	4527.510	4492.433	4433.972	4414.485
14.5	4558.689	4508.023	4470.348	4410.587	4389.801
15.0	4540.501	4489.835	4448.262	4385.903	4363.818
15.5	4522.313	4470.348	4426.177	4359.921	4337.835
16.0	4502.826	4450.861	4402.792	4333.938	4309.254
16.5	4484.638	4431.373	4379.408	4306.656	4281.972
17.0	4463.852	4409.288	4354.724	4279.374	4252.092
17.5	4444.365	4387.203	4331.339	4250.793	4222.212
18.0	4422.279	4366.416	4305.357	4222.212	4192.331
18.5	4402.792	4343.032	4279.374	4192.331	4159.853
19.0	4379.408	4319.647	4252.092	4161.152	4127.374
19.5	4357.322	4296.263	4224.810	4131.272	4094.896
20.0	4333.938	4271.579	4196.229	4100.092	4062.417
20.5	4310.553	4246.895	4167.648	4067.614	4028.639
21.0	4285.869	4222.212	4139.066	4035.135	3993.563
21.5	4262.485	4194.930	4109.186	4001.357	3959.785
22.0	4236.502	4168.947	4078.007	3967.580	3926.007
22.5	4210.519	4141.665	4046.827	3933.802	3889.631
23.0	4185.836	4115.682	4016.947	3897.426	3853.255
23.5	4159.853	4087.101	3984.469	3862.349	3816.879
24.0	4132.571	4058.520	3951.990	3827.272	3779.204
24.5	4105.289	4029.938	3918.212	3790.896	3742.828
25.0	4076.708	4001.357	3885.734	3754.520	3705.153
25.5	4046.827	3970.178	3851.956	3716.845	3664.880
26.0	4018.246	3940.298	3815.580	3679.170	3625.905
26.5	3989.665	3909.118	3781.802	3641.495	3585.632

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CANDELA TABULATION - (Cont.)

27.0	3958.486	3877.939	3745.426	3602.521	3546.658
27.5	3926.007	3845.460	3710.350	3563.547	3507.683
28.0	3896.127	3814.281	3673.974	3523.273	3466.111
28.5	3864.947	3781.802	3638.897	3484.299	3425.837
29.0	3833.768	3749.324	3602.521	3444.025	3386.863
29.5	3797.392	3715.546	3564.846	3403.752	3345.291
30.0	3762.315	3680.469	3527.171	3363.479	3305.017
30.5	3729.837	3646.692	3490.795	3324.504	3263.445
31.0	3696.059	3612.914	3453.119	3284.231	3221.872
31.5	3663.580	3577.837	3415.444	3242.658	3180.300
32.0	3627.204	3542.760	3376.470	3202.385	3140.026
32.5	3593.427	3506.384	3338.795	3160.812	3097.155
33.0	3558.350	3471.307	3298.522	3120.539	3056.881
33.5	3523.273	3434.931	3262.146	3078.967	3012.710
34.0	3489.495	3398.555	3221.872	3038.693	2972.437
34.5	3454.419	3363.479	3182.898	2998.420	2932.164
35.0	3419.342	3325.804	3142.625	2956.847	2890.591
35.5	3382.966	3288.128	3103.650	2917.873	2847.719
36.0	3349.188	3251.752	3064.676	2876.300	2808.745
36.5	3312.812	3214.077	3024.403	2836.027	2767.172
37.0	3275.137	3176.402	2986.727	2795.754	2728.198
37.5	3238.761	3138.727	2947.753	2754.181	2686.626
38.0	3202.385	3099.753	2907.480	2713.908	2645.053
38.5	3164.710	3063.377	2868.506	2673.634	2604.780
39.0	3125.736	3024.403	2829.531	2633.361	2564.506
39.5	3089.360	2986.727	2789.258	2593.087	2524.233
40.0	3051.685	2947.753	2750.284	2555.412	2485.259
40.5	3011.411	2910.078	2710.010	2515.139	2443.686
41.0	2973.736	2871.104	2671.036	2474.866	2400.814
41.5	2936.061	2833.429	2632.062	2434.592	2360.541
42.0	2895.788	2794.454	2593.087	2393.020	2318.968
42.5	2854.215	2754.181	2554.113	2354.045	2278.695
43.0	2815.241	2715.207	2515.139	2311.174	2238.422
43.5	2777.566	2677.532	2476.165	2270.900	2200.747
44.0	2735.993	2638.557	2437.190	2233.225	2161.772
44.5	2697.019	2599.583	2394.319	2194.251	2122.798
45.0	2656.745	2561.908	2355.344	2156.576	2085.123
45.5	2616.472	2521.635	2315.071	2118.901	2046.149
46.0	2577.498	2483.960	2277.396	2081.225	2008.474
46.5	2538.523	2444.985	2239.721	2044.850	1972.098
47.0	2498.250	2406.011	2202.046	2007.174	1934.422
47.5	2457.977	2364.438	2165.670	1970.798	1898.046
48.0	2419.002	2324.165	2129.294	1934.422	1860.371
48.5	2378.729	2286.490	2091.619	1898.046	1823.995
49.0	2335.857	2247.516	2055.243	1861.670	1788.919
49.5	2298.182	2211.140	2020.166	1825.295	1753.842
50.0	2259.208	2173.465	1983.790	1790.218	1718.765
50.5	2222.832	2135.789	1947.414	1755.141	1683.688
51.0	2183.858	2099.413	1911.038	1718.765	1648.611
51.5	2146.183	2061.738	1875.961	1684.987	1614.834
52.0	2109.807	2024.063	1839.585	1649.910	1581.056
52.5	2072.131	1987.687	1804.508	1616.133	1548.577
53.0	2034.456	1951.311	1769.431	1582.355	1516.099
53.5	1996.781	1914.935	1735.654	1548.577	1482.321
54.0	1960.405	1878.559	1699.278	1516.099	1449.842
54.5	1922.730	1843.483	1665.500	1482.321	1417.364

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CANDELA TABULATION - (Cont.)

55.0	1886.354	1807.107	1630.423	1451.142	1384.885
55.5	1848.679	1772.030	1596.646	1417.364	1353.706
56.0	1811.004	1735.654	1562.868	1386.185	1322.527
56.5	1774.628	1700.577	1529.090	1355.005	1293.296
57.0	1736.953	1665.500	1494.013	1323.826	1262.506
57.5	1700.577	1631.722	1461.535	1292.646	1232.496
58.0	1664.201	1596.646	1427.757	1261.987	1203.005
58.5	1627.825	1561.569	1393.979	1231.717	1173.515
59.0	1591.449	1527.791	1361.501	1201.966	1144.284
59.5	1555.073	1494.013	1329.022	1172.216	1115.833
60.0	1519.996	1460.236	1296.284	1142.336	1087.512
60.5	1484.919	1426.458	1264.585	1113.235	1059.190
61.0	1449.842	1393.979	1232.236	1084.394	1031.389
61.5	1416.065	1360.202	1200.797	1055.293	1003.977
62.0	1380.988	1326.424	1169.098	1027.491	977.474
62.5	1347.210	1294.335	1138.438	999.560	950.452
63.0	1313.433	1262.246	1107.908	971.758	923.950
63.5	1280.304	1230.158	1077.378	943.697	897.187
64.0	1248.086	1198.329	1047.628	916.675	871.464
64.5	1214.828	1166.500	1017.618	889.782	845.871
65.0	1182.609	1135.320	988.127	862.890	820.928
65.5	1150.650	1103.751	958.377	836.518	795.465
66.0	1118.821	1072.442	929.666	810.795	770.521
66.5	1087.252	1041.522	900.825	784.682	745.318
67.0	1055.293	1010.862	872.374	758.829	721.154
67.5	1023.334	980.203	844.312	733.885	696.990
68.0	992.674	950.063	815.991	708.812	672.566
68.5	961.365	920.182	788.319	684.128	649.051
69.0	930.316	890.302	760.907	659.574	625.667
69.5	900.175	860.552	734.145	635.280	602.932
70.0	869.646	830.931	706.863	611.506	579.937
70.5	839.506	801.830	680.101	587.862	557.722
71.0	809.365	772.989	654.118	564.867	535.247
71.5	779.875	743.889	628.135	542.002	513.551
72.0	750.514	715.567	602.412	519.267	491.855
72.5	721.284	687.506	576.819	497.052	470.809
73.0	692.832	659.834	551.746	474.706	450.153
73.5	664.381	631.773	527.062	453.401	429.496
74.0	636.450	604.231	502.638	431.965	408.970
74.5	608.778	577.209	478.474	411.178	389.483
75.0	581.496	550.576	454.440	390.262	370.126
75.5	554.734	524.464	431.185	370.385	350.898
76.0	528.621	498.611	408.450	350.509	332.321
76.5	502.378	472.758	385.715	331.411	314.133
77.0	477.565	447.554	363.890	312.314	296.074
77.5	452.361	422.741	342.194	293.866	278.406
78.0	427.288	398.317	320.758	275.808	261.647
78.5	402.474	374.153	300.232	258.269	244.628
79.0	378.830	350.898	280.095	240.991	228.259
79.5	355.575	327.254	260.478	223.712	212.280
80.0	332.450	304.649	240.991	207.473	196.820
80.5	309.456	282.174	222.023	191.364	181.490
81.0	287.240	260.348	203.835	176.034	166.940
81.5	265.285	239.172	186.037	160.834	152.519
82.0	244.109	217.736	169.148	146.024	138.229
82.5	223.452	197.470	152.519	131.603	124.588

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CANDELA TABULATION - (Cont.)

83.0	203.056	177.463	136.410	117.572	110.687
83.5	182.919	158.365	121.210	103.801	97.436
84.0	163.692	139.658	106.400	90.290	84.574
84.5	144.724	121.989	92.239	77.429	72.232
85.0	126.796	104.971	78.598	65.347	60.150
85.5	109.388	88.601	65.607	53.005	47.159
86.0	93.019	73.012	53.914	40.273	32.868
86.5	76.779	58.981	42.612	25.463	20.267
87.0	61.839	45.730	30.400	16.109	14.420
87.5	47.938	34.038	17.538	12.342	11.303
88.0	35.077	23.255	11.043	9.484	8.834
88.5	24.164	12.991	8.185	6.885	6.106
89.0	15.200	6.496	5.456	4.417	3.897
89.5	7.535	3.508	2.988	2.209	1.949
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-L15-940-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-L15-940-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-L15-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1699.12	N.A.	16.50
0-30	3482.89	N.A.	33.70
0-40	5447.84	N.A.	52.80
0-60	8730.39	N.A.	84.50
0-80	10219.94	N.A.	99.00
0-90	10326.89	N.A.	100.00
10-90	9877.65	N.A.	95.60
20-40	3748.72	N.A.	36.30
20-50	5570.87	N.A.	53.90
40-70	4272.35	N.A.	41.40
60-80	1489.55	N.A.	14.40
70-80	499.75	N.A.	4.80
80-90	106.95	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	10326.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	449.24
10-20	1249.88
20-30	1783.77
30-40	1964.94
40-50	1822.15
50-60	1460.4
60-70	989.80
70-80	499.75
80-90	106.95
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-L15-940-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-L15-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

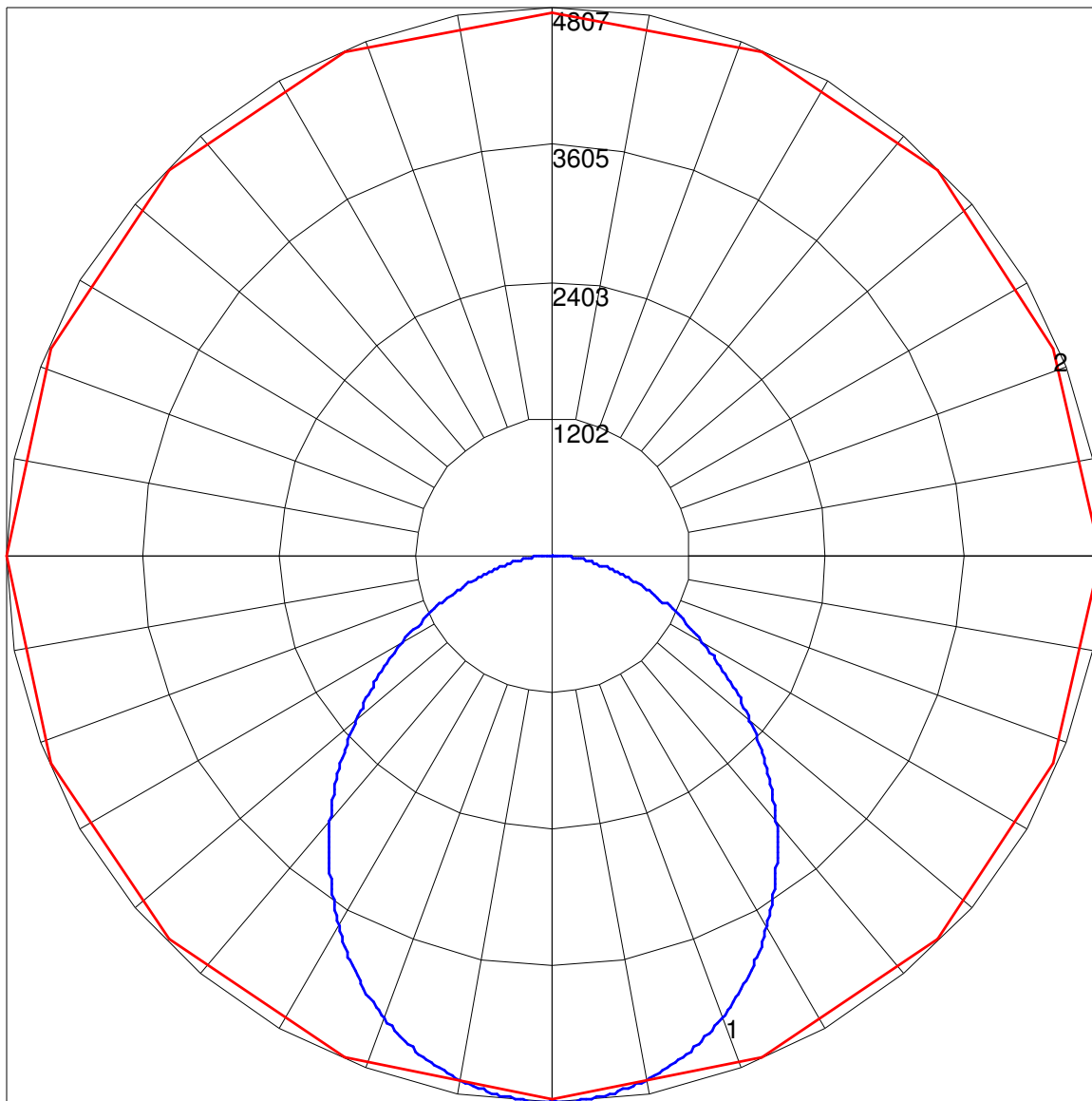
Reflectances

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 = 4806.825 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.)