

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L15-950-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-L15-950-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	10687
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
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	13034	11556	10230
55	11409	9861	8376
65	9708	8111	6739
75	7794	6091	4961
85	5047	3129	2394

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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	4950.305	4950.305	4950.305	4950.305	4950.305
0.5	4974.506	4939.550	4951.650	4947.616	4944.927
1.0	4973.161	4938.205	4950.305	4946.272	4943.583
1.5	4971.817	4935.516	4948.961	4943.583	4940.894
2.0	4969.128	4934.172	4944.927	4938.205	4939.550
2.5	4967.783	4931.483	4942.239	4935.516	4934.172
3.0	4963.750	4927.449	4938.205	4928.794	4927.449
3.5	4961.061	4923.416	4932.827	4923.416	4920.727
4.0	4954.339	4918.038	4927.449	4916.694	4912.660
4.5	4951.650	4912.660	4920.727	4908.627	4903.249
5.0	4944.927	4907.283	4912.660	4900.560	4895.182
5.5	4942.239	4899.216	4904.594	4889.805	4883.082
6.0	4930.138	4892.493	4895.182	4879.049	4872.327
6.5	4923.416	4885.771	4884.427	4866.949	4858.882
7.0	4915.349	4876.360	4875.015	4854.849	4846.782
7.5	4907.283	4866.949	4862.915	4841.404	4831.993
8.0	4897.871	4856.193	4852.160	4826.615	4815.859
8.5	4888.460	4846.782	4840.059	4810.481	4799.726
9.0	4877.704	4836.026	4825.270	4794.348	4783.592
9.5	4865.604	4822.581	4811.826	4776.870	4764.770
10.0	4856.193	4810.481	4795.692	4760.736	4747.292
10.5	4841.404	4797.037	4780.903	4743.258	4728.469
11.0	4827.959	4783.592	4763.425	4723.091	4709.647
11.5	4814.515	4768.803	4745.947	4702.924	4686.791
12.0	4799.726	4754.014	4728.469	4681.413	4665.280
12.5	4782.248	4736.536	4709.647	4659.902	4641.079
13.0	4767.459	4720.402	4689.480	4637.046	4618.223
13.5	4752.670	4702.924	4669.313	4614.190	4595.368
14.0	4733.847	4685.446	4649.146	4588.645	4568.478
14.5	4717.714	4665.280	4626.290	4564.445	4542.934
15.0	4698.891	4646.457	4603.434	4538.900	4516.044
15.5	4680.069	4626.290	4580.579	4512.011	4489.155
16.0	4659.902	4606.123	4556.378	4485.122	4459.577
16.5	4641.079	4585.956	4532.178	4456.888	4431.343
17.0	4619.568	4563.101	4506.633	4428.654	4400.421
17.5	4599.401	4540.245	4482.433	4399.076	4369.498
18.0	4576.545	4518.733	4455.544	4369.498	4338.576
18.5	4556.378	4494.533	4428.654	4338.576	4304.964
19.0	4532.178	4470.333	4400.421	4306.308	4271.352
19.5	4509.322	4446.132	4372.187	4275.386	4237.741
20.0	4485.122	4420.588	4342.609	4243.119	4204.129
20.5	4460.921	4395.043	4313.031	4209.507	4169.173
21.0	4435.377	4369.498	4283.453	4175.896	4132.873
21.5	4411.176	4341.264	4252.530	4140.940	4097.917
22.0	4384.287	4314.375	4220.263	4105.984	4062.961
22.5	4357.398	4286.142	4187.996	4071.028	4025.316
23.0	4331.853	4259.252	4157.073	4033.383	3987.671
23.5	4304.964	4229.674	4123.462	3997.082	3950.026
24.0	4276.730	4200.096	4089.850	3960.782	3911.037
24.5	4248.497	4170.518	4054.894	3923.137	3873.392
25.0	4218.919	4140.940	4021.283	3885.492	3834.403
25.5	4187.996	4108.673	3986.327	3846.503	3792.724
26.0	4158.418	4077.750	3948.682	3807.513	3752.391
26.5	4128.840	4045.483	3913.726	3768.524	3710.712

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CANDELA TABULATION - (Cont.)

27.0	4096.573	4013.216	3876.081	3728.190	3670.378
27.5	4062.961	3979.604	3839.781	3687.856	3630.045
28.0	4032.038	3947.337	3802.136	3646.178	3587.022
28.5	3999.771	3913.726	3765.835	3605.844	3545.344
29.0	3967.504	3880.114	3728.190	3564.166	3505.010
29.5	3929.859	3845.158	3689.201	3522.488	3461.987
30.0	3893.559	3808.858	3650.212	3480.809	3420.309
30.5	3859.947	3773.902	3612.567	3440.476	3377.286
31.0	3824.991	3738.946	3573.577	3398.797	3334.263
31.5	3791.380	3702.645	3534.588	3355.775	3291.240
32.0	3753.735	3666.345	3494.254	3314.096	3249.562
32.5	3718.779	3628.700	3455.265	3271.074	3205.195
33.0	3682.479	3592.400	3413.586	3229.395	3163.517
33.5	3646.178	3554.755	3375.941	3186.372	3117.805
34.0	3611.222	3517.110	3334.263	3144.694	3076.127
34.5	3574.922	3480.809	3293.929	3103.016	3034.448
35.0	3538.621	3441.820	3252.251	3059.993	2991.426
35.5	3500.976	3402.831	3211.917	3019.659	2947.058
36.0	3466.020	3365.186	3171.583	2976.637	2906.725
36.5	3428.375	3326.196	3129.905	2934.958	2863.702
37.0	3389.386	3287.207	3090.916	2893.280	2823.368
37.5	3351.741	3248.218	3050.582	2850.257	2780.345
38.0	3314.096	3207.884	3008.904	2808.579	2737.323
38.5	3275.107	3170.239	2968.570	2766.901	2695.644
39.0	3234.773	3129.905	2928.236	2725.222	2653.966
39.5	3197.128	3090.916	2886.558	2683.544	2612.288
40.0	3158.139	3050.582	2846.224	2644.555	2571.954
40.5	3116.461	3011.593	2804.546	2602.876	2528.931
41.0	3077.471	2971.259	2764.212	2561.198	2484.564
41.5	3038.482	2932.269	2723.878	2519.520	2442.886
42.0	2996.803	2891.936	2683.544	2476.497	2399.863
42.5	2953.781	2850.257	2643.210	2436.163	2358.185
43.0	2913.447	2809.923	2602.876	2391.796	2316.506
43.5	2874.458	2770.934	2562.543	2350.118	2277.517
44.0	2831.435	2730.600	2522.209	2311.128	2237.183
44.5	2791.101	2690.266	2477.842	2270.795	2196.849
45.0	2749.423	2651.277	2437.508	2231.805	2157.860
45.5	2707.744	2609.599	2395.829	2192.816	2117.526
46.0	2667.411	2570.609	2356.840	2153.826	2078.537
46.5	2627.077	2530.276	2317.851	2116.182	2040.892
47.0	2585.398	2489.942	2278.861	2077.192	2001.902
47.5	2543.720	2446.919	2241.216	2039.547	1964.257
48.0	2503.386	2405.241	2203.572	2001.902	1925.268
48.5	2461.708	2366.251	2164.582	1964.257	1887.623
49.0	2417.341	2325.917	2126.937	1926.613	1851.323
49.5	2378.351	2288.273	2090.637	1888.968	1815.022
50.0	2338.018	2249.283	2052.992	1852.667	1778.722
50.5	2300.373	2210.294	2015.347	1816.367	1742.421
51.0	2260.039	2172.649	1977.702	1778.722	1706.121
51.5	2221.050	2133.660	1941.402	1743.766	1671.165
52.0	2183.405	2094.670	1903.757	1707.465	1636.209
52.5	2144.415	2057.025	1867.456	1672.509	1602.597
53.0	2105.426	2019.380	1831.156	1637.553	1568.986
53.5	2066.437	1981.735	1796.200	1602.597	1534.030
54.0	2028.792	1944.091	1758.555	1568.986	1500.418
54.5	1989.802	1907.790	1723.599	1534.030	1466.807

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CANDELA TABULATION - (Cont.)

55.0	1952.157	1870.145	1687.299	1501.763	1433.195
55.5	1913.168	1833.845	1652.343	1466.807	1400.928
56.0	1874.179	1796.200	1617.387	1434.540	1368.661
56.5	1836.534	1759.899	1582.431	1402.273	1338.411
57.0	1797.544	1723.599	1546.130	1370.006	1306.547
57.5	1759.899	1688.643	1512.519	1337.739	1275.490
58.0	1722.254	1652.343	1477.563	1306.009	1244.971
58.5	1684.610	1616.042	1442.607	1274.683	1214.452
59.0	1646.965	1581.086	1408.995	1243.895	1184.201
59.5	1609.320	1546.130	1375.384	1213.107	1154.758
60.0	1573.019	1511.174	1341.503	1182.185	1125.448
60.5	1536.719	1476.218	1308.698	1152.069	1096.139
61.0	1500.418	1442.607	1275.221	1122.222	1067.368
61.5	1465.462	1407.651	1242.685	1092.106	1038.999
62.0	1429.162	1372.695	1209.880	1063.334	1011.572
62.5	1394.206	1339.486	1178.151	1034.428	983.608
63.0	1359.250	1306.278	1146.556	1005.657	956.181
63.5	1324.966	1273.070	1114.961	976.616	928.485
64.0	1291.624	1240.131	1084.173	948.652	901.864
64.5	1257.205	1207.191	1053.116	920.821	875.379
65.0	1223.863	1174.924	1022.597	892.991	849.565
65.5	1190.789	1142.254	991.809	865.698	823.213
66.0	1157.850	1109.853	962.096	839.078	797.400
66.5	1125.179	1077.854	932.249	812.054	771.317
67.0	1092.106	1046.125	902.806	785.300	746.310
67.5	1059.032	1014.396	873.765	759.486	721.303
68.0	1027.303	983.204	844.456	733.538	696.027
68.5	994.901	952.282	815.819	707.993	671.693
69.0	962.768	921.359	787.451	682.583	647.492
69.5	931.577	890.571	759.755	657.441	623.964
70.0	899.982	859.917	731.521	632.838	600.167
70.5	868.791	829.801	703.825	608.369	577.177
71.0	837.599	799.954	676.936	584.572	553.918
71.5	807.080	769.838	650.047	560.909	531.465
72.0	776.695	740.529	623.427	537.381	509.013
72.5	746.445	711.489	596.941	514.391	487.233
73.0	717.001	682.852	570.993	491.266	465.856
73.5	687.557	653.811	545.448	469.217	444.479
74.0	658.651	625.309	520.172	447.033	423.236
74.5	630.014	597.344	495.165	425.522	403.069
75.0	601.781	569.783	470.292	403.876	383.037
75.5	574.085	542.759	446.227	383.306	363.139
76.0	547.061	516.004	422.699	362.736	343.913
76.5	519.903	489.249	399.170	342.972	325.091
77.0	494.224	463.167	376.584	323.208	306.403
77.5	468.141	437.488	354.131	304.117	288.118
78.0	442.193	412.212	331.947	285.429	270.774
78.5	416.514	387.205	310.705	267.279	253.162
79.0	392.045	363.139	289.866	249.398	236.222
79.5	367.979	338.670	269.564	231.516	219.685
80.0	344.048	315.276	249.398	214.710	203.686
80.5	320.251	292.017	229.768	198.039	187.821
81.0	297.260	269.430	210.946	182.174	172.763
81.5	274.539	247.515	192.527	166.444	157.840
82.0	252.624	225.332	175.049	151.117	143.051
82.5	231.247	204.358	157.840	136.194	128.934

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CANDELA TABULATION - (Cont.)

83.0	210.139	183.653	141.168	121.674	114.548
83.5	189.300	163.890	125.438	107.422	100.835
84.0	169.402	144.530	110.111	93.440	87.524
84.5	149.773	126.245	95.457	80.130	74.752
85.0	131.219	108.632	81.340	67.626	62.249
85.5	113.204	91.692	67.895	54.854	48.804
86.0	96.263	75.559	55.795	41.678	34.015
86.5	79.458	61.039	44.098	26.351	20.974
87.0	63.996	47.325	31.460	16.671	14.924
87.5	49.611	35.225	18.150	12.772	11.697
88.0	36.300	24.066	11.428	9.815	9.142
88.5	25.007	13.445	8.470	7.126	6.319
89.0	15.730	6.722	5.647	4.571	4.033
89.5	7.798	3.630	3.092	2.286	2.017
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-L15-950-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-L15-950-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-L15-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1758.39	N.A.	16.50
0-30	3604.39	N.A.	33.70
0-40	5637.88	N.A.	52.80
0-60	9034.94	N.A.	84.50
0-80	10576.45	N.A.	99.00
0-90	10687.13	N.A.	100.00
10-90	10222.22	N.A.	95.60
20-40	3879.49	N.A.	36.30
20-50	5765.2	N.A.	53.90
40-70	4421.38	N.A.	41.40
60-80	1541.51	N.A.	14.40
70-80	517.19	N.A.	4.80
80-90	110.68	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	10687.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	464.91
10-20	1293.48
20-30	1846.00
30-40	2033.49
40-50	1885.72
50-60	1511.34
60-70	1024.32
70-80	517.19
80-90	110.68
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-L15-950-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-L15-950-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

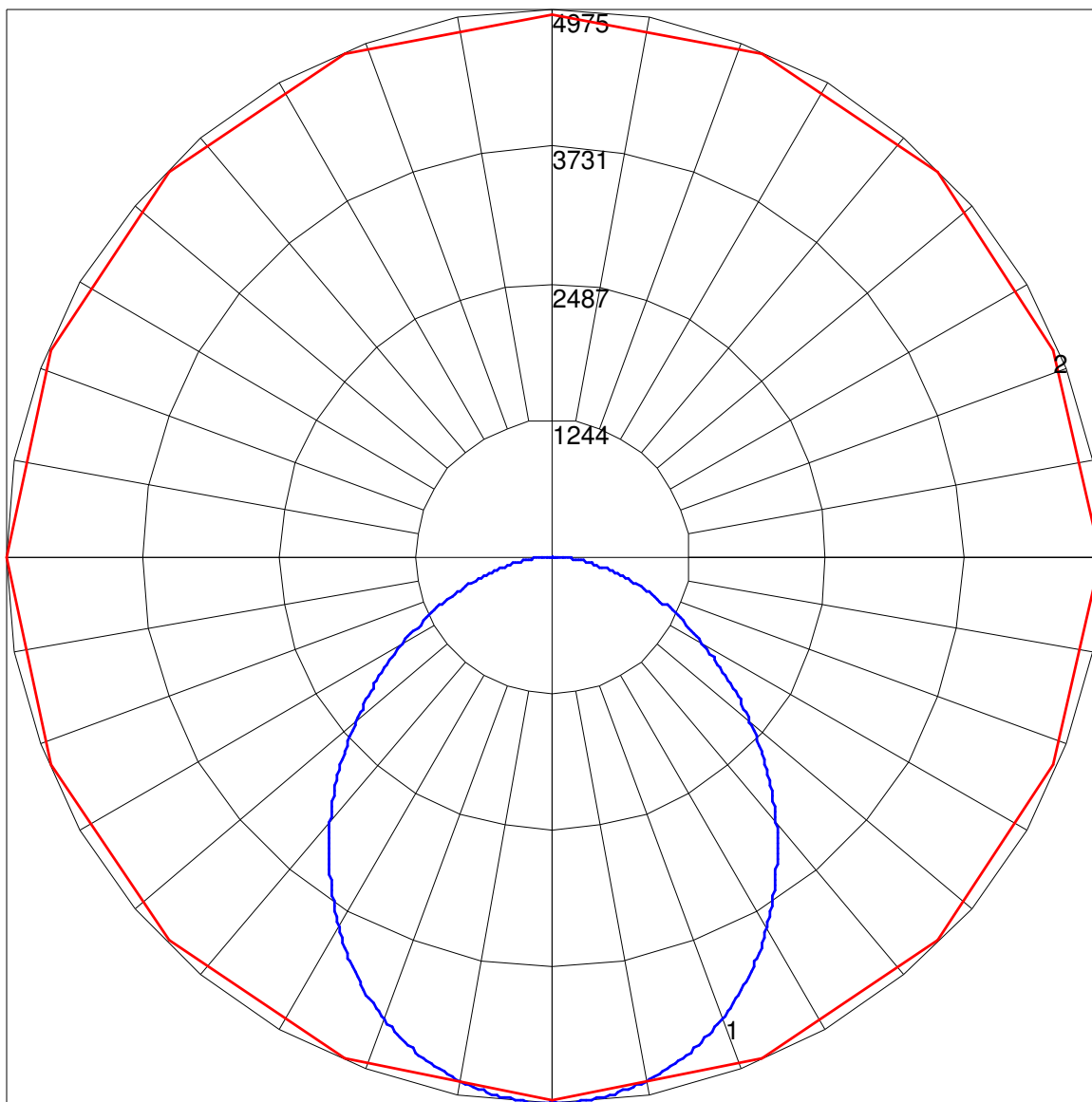
Reflectances

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	20.3	21.9	20.7	22.2	22.5	18.6	20.1	19.0	20.4	20.8
	3H	21.9	23.3	22.3	23.6	24.0	19.9	21.3	20.3	21.6	22.0
	4H	22.5	23.8	22.9	24.1	24.5	20.4	21.7	20.8	22.0	22.4
	6H	22.8	24.0	23.2	24.4	24.8	20.6	21.8	21.0	22.2	22.6
	8H	22.9	24.1	23.4	24.5	24.9	20.7	21.8	21.1	22.2	22.6
	12H	23.0	24.1	23.4	24.5	24.9	20.7	21.8	21.1	22.2	22.6
4H	2H	20.7	22.0	21.1	22.3	22.7	19.3	20.6	19.7	20.9	21.3
	3H	22.5	23.6	22.9	24.0	24.4	20.8	21.9	21.2	22.3	22.7
	4H	23.2	24.1	23.6	24.6	25.0	21.3	22.3	21.7	22.7	23.1
	6H	23.7	24.5	24.1	25.0	25.4	21.7	22.5	22.1	23.0	23.4
	8H	23.8	24.6	24.3	25.1	25.5	21.7	22.5	22.2	23.0	23.4
	12H	23.9	24.6	24.4	25.1	25.6	21.8	22.5	22.3	23.0	23.4
8H	4H	23.3	24.1	23.8	24.5	25.0	21.6	22.4	22.1	22.9	23.3
	6H	23.9	24.5	24.4	25.0	25.5	22.0	22.7	22.5	23.2	23.7
	8H	24.1	24.7	24.6	25.2	25.7	22.2	22.8	22.7	23.3	23.8
	12H	24.2	24.7	24.7	25.2	25.8	22.2	22.8	22.7	23.2	23.8
12H	4H	23.3	24.0	23.8	24.5	24.9	21.7	22.4	22.1	22.8	23.3
	6H	23.9	24.5	24.4	24.9	25.5	22.1	22.7	22.6	23.2	23.7
	8H	24.1	24.6	24.6	25.1	25.7	22.3	22.8	22.8	23.3	23.8

Maximum UGR = 25.8

POLAR GRAPH



Maximum Candela = 4974.506 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.)