

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L15-830-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-L15-830-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	11888
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
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	14499	12854	11379
55	12691	10969	9317
65	10798	9023	7496
75	8670	6776	5518
85	5614	3480	2663

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L15-830-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	5506.520	5506.520	5506.520	5506.520	5506.520
0.5	5533.439	5494.555	5508.015	5503.528	5500.537
1.0	5531.943	5493.060	5506.520	5502.033	5499.042
1.5	5530.448	5490.069	5505.024	5499.042	5496.051
2.0	5527.457	5488.573	5500.537	5493.060	5494.555
2.5	5525.961	5485.582	5497.546	5490.069	5488.573
3.0	5521.475	5481.096	5493.060	5482.591	5481.096
3.5	5518.484	5476.609	5487.078	5476.609	5473.618
4.0	5511.006	5470.627	5481.096	5469.131	5464.645
4.5	5508.015	5464.645	5473.618	5460.158	5454.176
5.0	5500.537	5458.663	5464.645	5451.185	5445.203
5.5	5497.546	5449.690	5455.672	5439.221	5431.743
6.0	5484.087	5442.212	5445.203	5427.257	5419.779
6.5	5476.609	5434.734	5433.239	5413.797	5404.824
7.0	5467.636	5424.266	5422.770	5400.337	5391.364
7.5	5458.663	5413.797	5409.310	5385.382	5374.913
8.0	5448.194	5401.833	5397.346	5368.931	5356.967
8.5	5437.725	5391.364	5383.887	5350.985	5339.021
9.0	5425.761	5379.400	5367.436	5333.039	5321.075
9.5	5412.302	5364.445	5352.481	5313.597	5300.137
10.0	5401.833	5350.985	5334.534	5295.651	5280.695
10.5	5385.382	5336.030	5318.084	5276.209	5259.758
11.0	5370.427	5321.075	5298.642	5253.776	5238.821
11.5	5355.472	5304.624	5279.200	5231.343	5213.397
12.0	5339.021	5288.173	5259.758	5207.415	5189.468
12.5	5319.579	5268.731	5238.821	5183.486	5162.549
13.0	5303.128	5250.785	5216.388	5158.062	5137.125
13.5	5286.678	5231.343	5193.955	5132.639	5111.701
14.0	5265.740	5211.901	5171.522	5104.224	5081.791
14.5	5247.794	5189.468	5146.098	5077.304	5053.376
15.0	5226.857	5168.531	5120.674	5048.889	5023.465
15.5	5205.919	5146.098	5095.250	5018.979	4993.555
16.0	5183.486	5123.665	5068.331	4989.068	4960.653
16.5	5162.549	5101.233	5041.412	4957.662	4929.247
17.0	5138.621	5075.809	5012.997	4926.256	4894.850
17.5	5116.188	5050.385	4986.077	4893.355	4860.453
18.0	5090.764	5026.456	4956.167	4860.453	4826.056
18.5	5068.331	4999.537	4926.256	4826.056	4788.668
19.0	5041.412	4972.617	4894.850	4790.164	4751.280
19.5	5015.988	4945.698	4863.444	4755.766	4713.892
20.0	4989.068	4917.283	4830.543	4719.874	4676.504
20.5	4962.149	4888.868	4797.641	4682.486	4637.620
21.0	4933.734	4860.453	4764.740	4645.098	4597.241
21.5	4906.814	4829.047	4730.343	4606.214	4558.357
22.0	4876.904	4799.137	4694.450	4567.330	4519.474
22.5	4846.993	4767.731	4658.557	4528.447	4477.599
23.0	4818.578	4737.820	4624.160	4486.572	4435.724
23.5	4788.668	4704.919	4586.772	4446.193	4393.850
24.0	4757.262	4672.017	4549.384	4405.814	4350.479
24.5	4725.856	4639.116	4510.501	4363.939	4308.605
25.0	4692.954	4606.214	4473.112	4322.065	4265.235
25.5	4658.557	4570.321	4434.229	4278.694	4218.873
26.0	4625.656	4535.924	4392.354	4235.324	4174.008
26.5	4592.754	4500.032	4353.471	4191.954	4127.646

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L15-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	4556.862	4464.139	4311.596	4147.088	4082.781
27.5	4519.474	4426.751	4271.217	4102.222	4037.915
28.0	4485.077	4390.859	4229.342	4055.861	3990.058
28.5	4449.184	4353.471	4188.963	4010.995	3943.697
29.0	4413.291	4316.082	4147.088	3964.634	3898.831
29.5	4371.417	4277.199	4103.718	3918.273	3850.974
30.0	4331.038	4236.820	4060.348	3871.912	3804.613
30.5	4293.650	4197.936	4018.473	3827.046	3756.756
31.0	4254.766	4159.052	3975.103	3780.685	3708.900
31.5	4217.378	4118.673	3931.733	3732.828	3661.043
32.0	4175.503	4078.294	3886.867	3686.467	3614.682
32.5	4136.620	4036.419	3843.497	3638.610	3565.329
33.0	4096.240	3996.040	3797.136	3592.249	3518.968
33.5	4055.861	3954.166	3755.261	3544.392	3468.120
34.0	4016.978	3912.291	3708.900	3498.031	3421.759
34.5	3976.598	3871.912	3664.034	3451.670	3375.398
35.0	3936.219	3828.542	3617.673	3403.813	3327.541
35.5	3894.345	3785.171	3572.807	3358.947	3278.189
36.0	3855.461	3743.297	3527.941	3311.090	3233.323
36.5	3813.586	3699.926	3481.580	3264.729	3185.466
37.0	3770.216	3656.556	3438.210	3218.368	3140.601
37.5	3728.341	3613.186	3393.344	3170.511	3092.744
38.0	3686.467	3568.320	3346.983	3124.150	3044.887
38.5	3643.097	3526.446	3302.117	3077.788	2998.526
39.0	3598.231	3481.580	3257.251	3031.427	2952.164
39.5	3556.356	3438.210	3210.890	2985.066	2905.803
40.0	3512.986	3393.344	3166.024	2941.696	2860.938
40.5	3466.625	3349.974	3119.663	2895.335	2813.081
41.0	3423.255	3305.108	3074.797	2848.973	2763.728
41.5	3379.884	3261.738	3029.932	2802.612	2717.367
42.0	3333.523	3216.872	2985.066	2754.755	2669.510
42.5	3285.666	3170.511	2940.200	2709.890	2623.149
43.0	3240.801	3125.645	2895.335	2660.537	2576.788
43.5	3197.430	3082.275	2850.469	2614.176	2533.418
44.0	3149.574	3037.409	2805.603	2570.806	2488.552
44.5	3104.708	2992.544	2756.251	2525.940	2443.686
45.0	3058.347	2949.173	2711.385	2482.570	2400.316
45.5	3011.985	2902.812	2665.024	2439.200	2355.450
46.0	2967.120	2859.442	2621.654	2395.830	2312.080
46.5	2922.254	2814.576	2578.283	2353.955	2270.206
47.0	2875.893	2769.711	2534.913	2310.585	2226.835
47.5	2829.532	2721.854	2493.039	2268.710	2184.961
48.0	2784.666	2675.493	2451.164	2226.835	2141.590
48.5	2738.305	2632.122	2407.794	2184.961	2099.716
49.0	2688.952	2587.257	2365.919	2143.086	2059.337
49.5	2645.582	2545.382	2325.540	2101.211	2018.957
50.0	2600.716	2502.012	2283.665	2060.832	1978.578
50.5	2558.842	2458.642	2241.791	2020.453	1938.199
51.0	2513.976	2416.767	2199.916	1978.578	1897.820
51.5	2470.606	2373.397	2159.537	1939.695	1858.936
52.0	2428.731	2330.026	2117.662	1899.316	1820.053
52.5	2385.361	2288.152	2077.283	1860.432	1782.665
53.0	2341.991	2246.277	2036.904	1821.548	1745.277
53.5	2298.620	2204.402	1998.020	1782.665	1706.393
54.0	2256.746	2162.528	1956.145	1745.277	1669.005
54.5	2213.376	2122.149	1917.262	1706.393	1631.617

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L15-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	2171.501	2080.274	1876.883	1670.500	1594.229
55.5	2128.131	2039.895	1837.999	1631.617	1558.336
56.0	2084.761	1998.020	1799.115	1595.724	1522.443
56.5	2042.886	1957.641	1760.232	1559.832	1488.794
57.0	1999.516	1917.262	1719.853	1523.939	1453.350
57.5	1957.641	1878.378	1682.465	1488.046	1418.804
58.0	1915.766	1837.999	1643.581	1452.752	1384.855
58.5	1873.892	1797.620	1604.697	1417.906	1350.907
59.0	1832.017	1758.736	1567.309	1383.659	1317.258
59.5	1790.142	1719.853	1529.921	1349.411	1284.506
60.0	1749.763	1680.969	1492.234	1315.014	1251.903
60.5	1709.384	1642.085	1455.743	1281.515	1219.301
61.0	1669.005	1604.697	1418.505	1248.314	1187.297
61.5	1630.121	1565.814	1382.313	1214.814	1155.741
62.0	1589.742	1526.930	1345.822	1182.810	1125.232
62.5	1550.858	1489.991	1310.528	1150.656	1094.125
63.0	1511.975	1453.051	1275.383	1118.652	1063.617
63.5	1473.839	1416.112	1240.238	1086.349	1032.809
64.0	1436.750	1379.471	1205.991	1055.242	1003.198
64.5	1398.465	1342.831	1171.444	1024.284	973.736
65.0	1361.376	1306.938	1137.496	993.327	945.022
65.5	1324.586	1270.597	1103.248	962.968	915.709
66.0	1287.945	1234.555	1070.197	933.357	886.995
66.5	1251.604	1198.962	1036.996	903.297	857.982
67.0	1214.814	1163.667	1004.244	873.536	830.165
67.5	1178.024	1128.373	971.941	844.822	802.349
68.0	1142.730	1093.677	939.339	815.958	774.233
68.5	1106.688	1059.280	907.484	787.543	747.164
69.0	1070.945	1024.883	875.928	759.278	720.244
69.5	1036.249	990.635	845.121	731.311	694.073
70.0	1001.104	956.537	813.715	703.943	667.602
70.5	966.408	923.037	782.907	676.725	642.028
71.0	931.711	889.837	752.996	650.254	616.156
71.5	897.763	856.337	723.086	623.933	591.181
72.0	863.964	823.735	693.475	597.761	566.205
72.5	830.315	791.431	664.013	572.188	541.978
73.0	797.563	759.577	635.149	546.464	518.199
73.5	764.811	727.273	606.734	521.938	494.420
74.0	732.657	695.568	578.618	497.262	470.791
74.5	700.803	664.461	550.802	473.333	448.358
75.0	669.397	633.803	523.134	449.255	426.075
75.5	638.589	603.743	496.364	426.374	403.941
76.0	608.529	573.982	470.193	403.492	382.555
76.5	578.319	544.221	444.021	381.508	361.618
77.0	549.755	515.208	418.896	359.524	340.830
77.5	520.741	486.644	393.921	338.288	320.491
78.0	491.878	458.528	369.245	317.500	301.199
78.5	463.313	430.711	345.616	297.310	281.607
79.0	436.095	403.941	322.435	277.420	262.764
79.5	409.325	376.723	299.853	257.529	244.369
80.0	382.705	350.700	277.420	238.835	226.572
80.5	356.234	324.828	255.585	220.291	208.925
81.0	330.660	299.703	234.648	202.644	192.175
81.5	305.386	275.326	214.159	185.146	175.575
82.0	281.009	250.650	194.717	168.097	159.124
82.5	257.230	227.320	175.575	151.497	143.421

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L15-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	233.750	204.289	157.030	135.345	127.419
83.5	210.570	182.304	139.532	119.492	112.164
84.0	188.436	160.769	122.483	103.939	97.359
84.5	166.601	140.430	106.182	89.133	83.151
85.0	145.963	120.838	90.479	75.225	69.243
85.5	125.923	101.995	75.524	61.017	54.288
86.0	107.080	84.048	62.064	46.361	37.837
86.5	88.385	67.897	49.053	29.312	23.330
87.0	71.187	52.642	34.995	18.544	16.600
87.5	55.185	39.183	20.190	14.207	13.011
88.0	40.379	26.770	12.712	10.917	10.170
88.5	27.817	14.955	9.422	7.926	7.029
89.0	17.498	7.478	6.281	5.085	4.487
89.5	8.674	4.038	3.440	2.542	2.243
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-L15-830-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-L15-830-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-L15-830-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-L15-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1955.96	N.A.	16.50
0-30	4009.38	N.A.	33.70
0-40	6271.35	N.A.	52.80
0-60	10050.1	N.A.	84.50
0-80	11764.81	N.A.	99.00
0-90	11887.93	N.A.	100.00
10-90	11370.78	N.A.	95.60
20-40	4315.38	N.A.	36.30
20-50	6412.98	N.A.	53.90
40-70	4918.17	N.A.	41.40
60-80	1714.72	N.A.	14.40
70-80	575.30	N.A.	4.80
80-90	123.12	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	11887.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	517.14
10-20	1438.82
20-30	2053.41
30-40	2261.97
40-50	2097.59
50-60	1681.15
60-70	1139.42
70-80	575.30
80-90	123.12
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-L15-830-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-L15-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

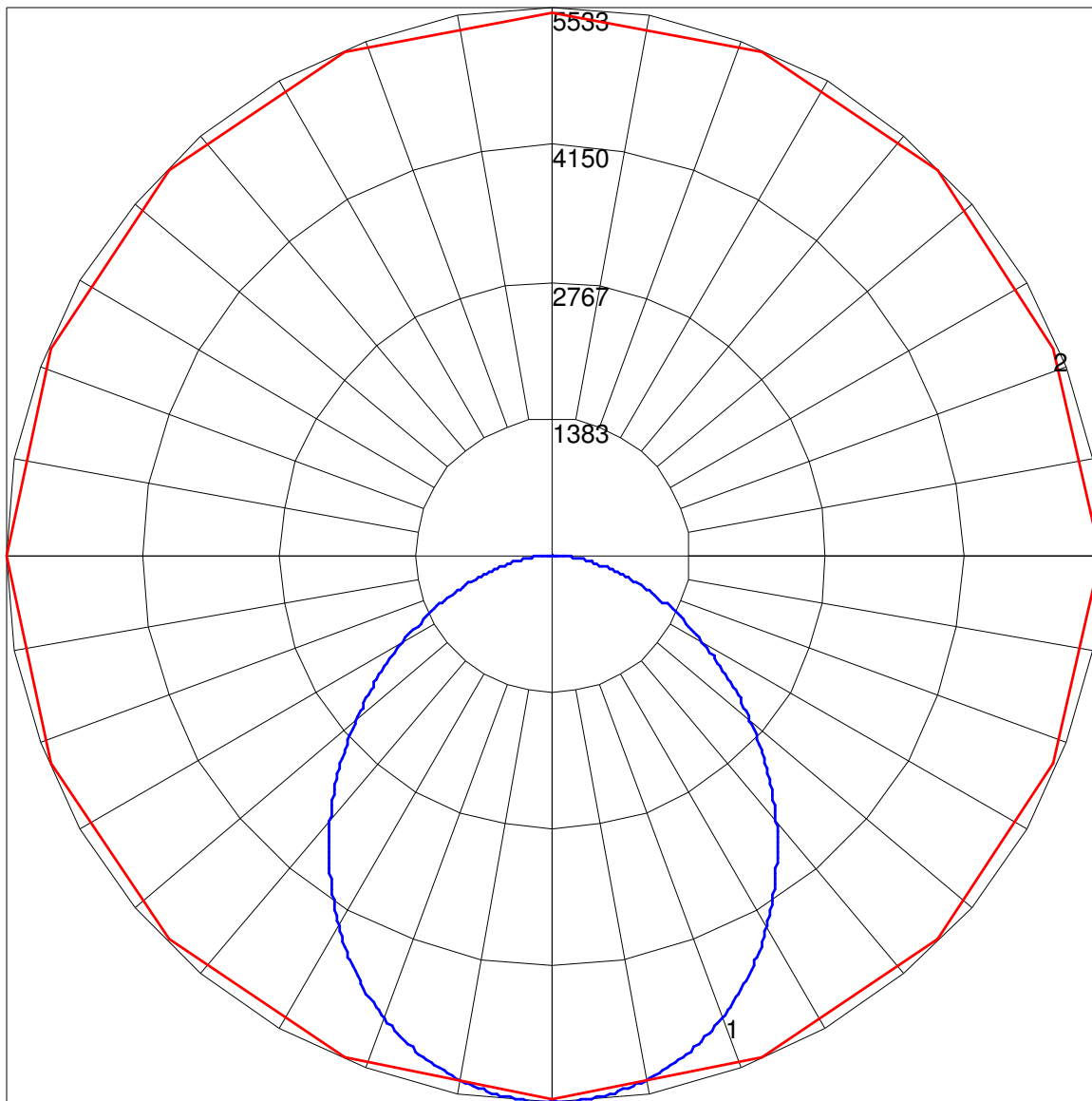
Reflectances

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	20.7	22.3	21.1	22.6	22.9	19.0	20.5	19.4	20.8	21.2
	3H	22.3	23.7	22.7	24.0	24.4	20.3	21.7	20.7	22.0	22.4
	4H	22.9	24.2	23.3	24.5	24.9	20.8	22.1	21.2	22.4	22.8
	6H	23.2	24.4	23.6	24.8	25.2	21.0	22.2	21.4	22.6	23.0
	8H	23.3	24.5	23.8	24.9	25.3	21.1	22.2	21.5	22.6	23.0
	12H	23.4	24.5	23.8	24.9	25.3	21.1	22.2	21.5	22.6	23.0
4H	2H	21.1	22.4	21.5	22.7	23.1	19.7	21.0	20.1	21.3	21.7
	3H	22.9	24.0	23.3	24.4	24.8	21.2	22.3	21.6	22.7	23.1
	4H	23.6	24.5	24.0	25.0	25.4	21.7	22.7	22.1	23.1	23.5
	6H	24.1	24.9	24.5	25.4	25.8	22.1	22.9	22.5	23.4	23.8
	8H	24.2	25.0	24.7	25.5	25.9	22.1	22.9	22.6	23.4	23.8
	12H	24.3	25.0	24.8	25.5	26.0	22.2	22.9	22.7	23.4	23.8
8H	4H	23.7	24.5	24.2	24.9	25.4	22.0	22.8	22.5	23.3	23.7
	6H	24.3	24.9	24.8	25.4	25.9	22.4	23.1	22.9	23.6	24.1
	8H	24.5	25.1	25.0	25.6	26.1	22.6	23.2	23.1	23.7	24.2
	12H	24.6	25.1	25.1	25.6	26.2	22.6	23.2	23.1	23.6	24.2
12H	4H	23.7	24.4	24.2	24.9	25.3	22.1	22.8	22.5	23.2	23.7
	6H	24.3	24.9	24.8	25.3	25.9	22.5	23.1	23.0	23.6	24.1
	8H	24.5	25.0	25.0	25.5	26.1	22.7	23.2	23.2	23.7	24.2

Maximum UGR = 26.2

POLAR GRAPH



Maximum Candela = 5533.439 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.)