

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L15-827-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-L15-827-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	11648
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
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	14206	12594	11149
55	12435	10748	9129
65	10580	8840	7344
75	8495	6639	5407
85	5501	3410	2609

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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	5395.275	5395.275	5395.275	5395.275	5395.275
0.5	5421.651	5383.553	5396.741	5392.345	5389.414
1.0	5420.186	5382.087	5395.275	5390.879	5387.949
1.5	5418.720	5379.157	5393.810	5387.949	5385.018
2.0	5415.790	5377.692	5389.414	5382.087	5383.553
2.5	5414.324	5374.761	5386.483	5379.157	5377.692
3.0	5409.928	5370.365	5382.087	5371.830	5370.365
3.5	5406.998	5365.969	5376.226	5365.969	5363.038
4.0	5399.671	5360.108	5370.365	5358.643	5354.247
4.5	5396.741	5354.247	5363.038	5349.851	5343.989
5.0	5389.414	5348.385	5354.247	5341.059	5335.198
5.5	5386.483	5339.593	5345.455	5329.336	5322.010
6.0	5373.296	5332.267	5335.198	5317.614	5310.287
6.5	5365.969	5324.940	5323.475	5304.426	5295.634
7.0	5357.177	5314.683	5313.218	5291.238	5282.446
7.5	5348.385	5304.426	5300.030	5276.585	5266.328
8.0	5338.128	5292.704	5288.308	5260.467	5248.744
8.5	5327.871	5282.446	5275.120	5242.883	5231.160
9.0	5316.148	5270.724	5259.001	5225.299	5213.577
9.5	5302.961	5256.071	5244.348	5206.250	5193.062
10.0	5292.704	5242.883	5226.765	5188.666	5174.013
10.5	5276.585	5228.230	5210.646	5169.617	5153.499
11.0	5261.932	5213.577	5191.597	5147.638	5132.985
11.5	5247.279	5197.458	5172.548	5125.658	5108.074
12.0	5231.160	5181.340	5153.499	5102.213	5084.629
12.5	5212.111	5162.291	5132.985	5078.768	5058.254
13.0	5195.993	5144.707	5111.005	5053.858	5033.343
13.5	5179.875	5125.658	5089.025	5028.948	5008.433
14.0	5159.360	5106.609	5067.046	5001.107	4979.127
14.5	5141.776	5084.629	5042.135	4974.731	4951.286
15.0	5121.262	5064.115	5017.225	4946.890	4921.980
15.5	5100.748	5042.135	4992.315	4917.584	4892.674
16.0	5078.768	5020.156	4965.939	4888.278	4860.437
16.5	5058.254	4998.176	4939.564	4857.506	4829.665
17.0	5034.809	4973.266	4911.723	4826.735	4795.963
17.5	5012.829	4948.355	4885.347	4794.498	4762.261
18.0	4987.919	4924.910	4856.041	4762.261	4728.559
18.5	4965.939	4898.535	4826.735	4728.559	4691.926
19.0	4939.564	4872.159	4795.963	4693.391	4655.293
19.5	4914.653	4845.784	4765.192	4659.689	4618.660
20.0	4888.278	4817.943	4732.955	4624.522	4582.028
20.5	4861.902	4790.102	4700.718	4587.889	4543.930
21.0	4834.061	4762.261	4668.481	4551.256	4504.366
21.5	4807.686	4731.489	4634.779	4513.158	4466.268
22.0	4778.379	4702.183	4599.611	4475.060	4428.170
22.5	4749.073	4671.412	4564.444	4436.962	4387.141
23.0	4721.232	4642.105	4530.742	4395.933	4346.113
23.5	4691.926	4609.869	4494.109	4356.370	4305.084
24.0	4661.154	4577.632	4457.476	4316.806	4262.590
24.5	4630.383	4545.395	4419.378	4275.778	4221.561
25.0	4598.146	4513.158	4382.745	4234.749	4179.067
25.5	4564.444	4477.991	4344.647	4192.255	4133.642
26.0	4532.207	4444.288	4303.619	4149.761	4089.683
26.5	4499.970	4409.121	4265.520	4107.267	4044.258

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CANDELA TABULATION - (Cont.)

27.0	4464.803	4373.953	4224.492	4063.308	4000.299
27.5	4428.170	4337.321	4184.928	4019.348	3956.340
28.0	4394.468	4302.153	4143.900	3973.924	3909.450
28.5	4359.300	4265.520	4104.336	3929.964	3864.025
29.0	4324.133	4228.888	4063.308	3884.540	3820.066
29.5	4283.104	4190.790	4020.814	3839.115	3773.176
30.0	4243.541	4151.226	3978.320	3793.690	3727.751
30.5	4206.908	4113.128	3937.291	3749.731	3680.861
31.0	4168.810	4075.030	3894.797	3704.306	3633.971
31.5	4132.177	4035.467	3852.303	3657.416	3587.081
32.0	4091.148	3995.903	3808.343	3611.992	3541.657
32.5	4053.050	3954.875	3765.849	3565.102	3493.302
33.0	4013.487	3915.311	3720.425	3519.677	3447.877
33.5	3973.924	3874.282	3679.396	3472.787	3398.056
34.0	3935.825	3833.254	3633.971	3427.363	3352.632
34.5	3896.262	3793.690	3590.012	3381.938	3307.207
35.0	3856.699	3751.196	3544.587	3335.048	3260.317
35.5	3815.670	3708.702	3500.628	3291.089	3211.962
36.0	3777.572	3667.674	3456.669	3244.199	3168.002
36.5	3736.543	3625.180	3411.244	3198.774	3121.113
37.0	3694.049	3582.686	3368.750	3153.349	3077.153
37.5	3653.020	3540.191	3324.791	3106.459	3030.263
38.0	3611.992	3496.232	3279.366	3061.035	2983.373
38.5	3569.498	3455.203	3235.407	3015.610	2937.949
39.0	3525.538	3411.244	3191.447	2970.185	2892.524
39.5	3484.510	3368.750	3146.023	2924.761	2847.099
40.0	3442.016	3324.791	3102.063	2882.267	2803.140
40.5	3396.591	3282.297	3056.639	2836.842	2756.250
41.0	3354.097	3238.337	3012.680	2791.418	2707.895
41.5	3311.603	3195.843	2968.720	2745.993	2662.470
42.0	3266.178	3151.884	2924.761	2699.103	2615.580
42.5	3219.288	3106.459	2880.802	2655.144	2570.156
43.0	3175.329	3062.500	2836.842	2606.788	2524.731
43.5	3132.835	3020.006	2792.883	2561.364	2482.237
44.0	3085.945	2976.047	2748.924	2518.870	2438.278
44.5	3041.986	2932.087	2700.568	2474.910	2394.318
45.0	2996.561	2889.593	2656.609	2432.416	2351.824
45.5	2951.136	2844.169	2611.184	2389.922	2307.865
46.0	2907.177	2801.675	2568.690	2347.428	2265.371
46.5	2863.218	2757.715	2526.196	2306.400	2224.342
47.0	2817.793	2713.756	2483.702	2263.906	2181.848
47.5	2772.369	2666.866	2442.674	2222.877	2140.819
48.0	2728.409	2621.441	2401.645	2181.848	2098.325
48.5	2682.985	2578.947	2359.151	2140.819	2057.297
49.0	2634.629	2534.988	2318.122	2099.791	2017.733
49.5	2592.135	2493.959	2278.559	2058.762	1978.170
50.0	2548.176	2451.465	2237.530	2019.199	1938.607
50.5	2507.147	2408.971	2196.501	1979.635	1899.043
51.0	2463.188	2367.943	2155.473	1938.607	1859.480
51.5	2420.694	2325.449	2115.909	1900.508	1821.382
52.0	2379.665	2282.955	2074.880	1860.945	1783.284
52.5	2337.171	2241.926	2035.317	1822.847	1746.651
53.0	2294.677	2200.897	1995.754	1784.749	1710.018
53.5	2252.183	2159.868	1957.656	1746.651	1671.920
54.0	2211.154	2118.840	1916.627	1710.018	1635.287
54.5	2168.660	2079.276	1878.529	1671.920	1598.654

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CANDELA TABULATION - (Cont.)

55.0	2127.632	2038.248	1838.965	1636.752	1562.022
55.5	2085.138	1998.684	1800.867	1598.654	1526.854
56.0	2042.644	1957.656	1762.769	1563.487	1491.687
56.5	2001.615	1918.092	1724.671	1528.319	1458.717
57.0	1959.121	1878.529	1685.108	1493.152	1423.989
57.5	1918.092	1840.431	1648.475	1457.984	1390.141
58.0	1877.063	1800.867	1610.377	1423.403	1356.878
58.5	1836.035	1761.304	1572.279	1389.261	1323.615
59.0	1795.006	1723.206	1535.646	1355.706	1290.646
59.5	1753.977	1685.108	1499.013	1322.150	1258.556
60.0	1714.414	1647.010	1462.087	1288.448	1226.612
60.5	1674.851	1608.912	1426.334	1255.625	1194.668
61.0	1635.287	1572.279	1389.848	1223.095	1163.310
61.5	1597.189	1534.181	1354.387	1190.272	1132.392
62.0	1557.626	1496.083	1318.633	1158.915	1102.500
62.5	1519.528	1459.889	1284.052	1127.410	1072.022
63.0	1481.429	1423.696	1249.617	1096.053	1042.129
63.5	1444.064	1387.503	1215.182	1064.402	1011.944
64.0	1407.724	1351.603	1181.627	1033.923	982.931
64.5	1370.212	1315.703	1147.778	1003.592	954.064
65.0	1333.873	1280.535	1114.516	973.260	925.930
65.5	1297.826	1244.928	1080.960	943.514	897.210
66.0	1261.926	1209.614	1048.577	914.501	869.076
66.5	1226.319	1174.740	1016.047	885.048	840.649
67.0	1190.272	1140.159	983.956	855.888	813.394
67.5	1154.226	1105.577	952.306	827.754	786.139
68.0	1119.644	1071.582	920.362	799.474	758.592
68.5	1084.330	1037.880	889.151	771.633	732.069
69.0	1049.309	1004.178	858.233	743.938	705.694
69.5	1015.314	970.622	828.047	716.537	680.051
70.0	980.879	937.213	797.276	689.722	654.115
70.5	946.884	904.390	767.090	663.053	629.058
71.0	912.889	871.860	737.784	637.117	603.708
71.5	879.626	839.037	708.478	611.328	579.237
72.0	846.510	807.093	679.465	585.685	554.767
72.5	813.541	775.443	650.598	560.628	531.029
73.0	781.450	744.231	622.318	535.425	507.730
73.5	749.360	712.581	594.477	511.394	484.432
74.0	717.856	681.516	566.929	487.216	461.280
74.5	686.645	651.038	539.674	463.771	439.300
75.0	655.873	620.999	512.566	440.179	417.467
75.5	625.688	591.546	486.337	417.760	395.781
76.0	596.235	562.386	460.694	395.341	374.827
76.5	566.636	533.227	435.051	373.801	354.312
77.0	538.648	504.800	410.434	352.261	333.944
77.5	510.221	476.812	385.963	331.453	314.016
78.0	481.941	449.264	361.785	311.086	295.114
78.5	453.953	422.010	338.633	291.304	275.918
79.0	427.285	395.781	315.921	271.815	257.455
79.5	401.056	369.112	293.795	252.327	239.432
80.0	374.973	343.615	271.815	234.010	221.995
80.5	349.037	318.266	250.422	215.840	204.704
81.0	323.980	293.648	229.907	198.550	188.292
81.5	299.217	269.764	209.833	181.406	172.028
82.0	275.332	245.586	190.783	164.701	155.909
82.5	252.034	222.727	172.028	148.436	140.523

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CANDELA TABULATION - (Cont.)

83.0	229.028	200.161	153.858	132.611	124.845
83.5	206.316	178.621	136.714	117.078	109.898
84.0	184.629	157.521	120.009	101.839	95.392
84.5	163.236	137.593	104.037	87.333	81.471
85.0	143.014	118.397	88.651	73.705	67.844
85.5	123.379	99.934	73.998	59.785	53.191
86.0	104.916	82.350	60.810	45.425	37.072
86.5	86.600	66.525	48.062	28.720	22.859
87.0	69.749	51.579	34.288	18.170	16.265
87.5	54.070	38.391	19.782	13.920	12.748
88.0	39.563	26.229	12.455	10.697	9.964
88.5	27.255	14.653	9.231	7.766	6.887
89.0	17.144	7.327	6.154	4.982	4.396
89.5	8.499	3.956	3.370	2.491	2.198
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-L15-827-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-L15-827-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-L15-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1916.45	N.A.	16.50
0-30	3928.38	N.A.	33.70
0-40	6144.65	N.A.	52.80
0-60	9847.06	N.A.	84.50
0-80	11527.13	N.A.	99.00
0-90	11647.77	N.A.	100.00
10-90	11141.07	N.A.	95.60
20-40	4228.2	N.A.	36.30
20-50	6283.42	N.A.	53.90
40-70	4818.81	N.A.	41.40
60-80	1680.07	N.A.	14.40
70-80	563.68	N.A.	4.80
80-90	120.63	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	11647.77	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	506.70
10-20	1409.75
20-30	2011.93
30-40	2216.27
40-50	2055.22
50-60	1647.19
60-70	1116.4
70-80	563.68
80-90	120.63
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-L15-827-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-L15-827-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

X=2H	Y=2H	20.6	22.2	21.0	22.5	22.8	18.9	20.4	19.3	20.7	21.1
	3H	22.2	23.6	22.6	23.9	24.3	20.2	21.6	20.6	21.9	22.3
	4H	22.8	24.1	23.2	24.4	24.8	20.7	22.0	21.1	22.3	22.7
	6H	23.1	24.3	23.5	24.7	25.1	20.9	22.1	21.3	22.5	22.9
	8H	23.2	24.4	23.7	24.8	25.2	21.0	22.1	21.4	22.5	22.9
	12H	23.3	24.4	23.7	24.8	25.2	21.0	22.1	21.4	22.5	22.9

UGR Viewed Endwise

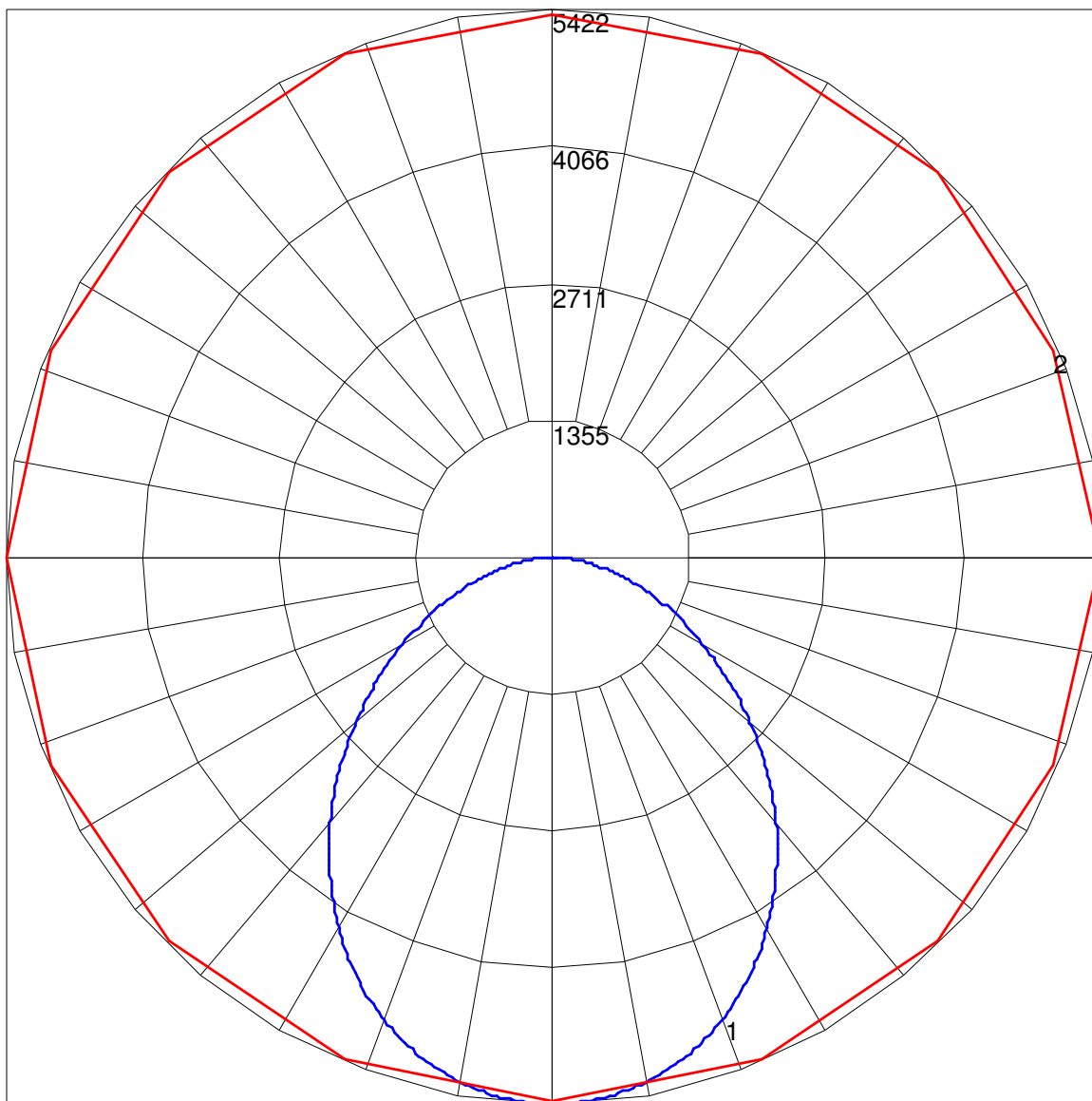
4H	2H	21.0	22.3	21.4	22.6	23.0	19.6	20.9	20.0	21.2	21.6
	3H	22.8	23.9	23.2	24.3	24.7	21.1	22.2	21.5	22.6	23.0
	4H	23.5	24.4	23.9	24.9	25.3	21.6	22.6	22.0	23.0	23.4
	6H	24.0	24.8	24.4	25.3	25.7	22.0	22.8	22.4	23.3	23.7
	8H	24.1	24.9	24.6	25.4	25.8	22.0	22.8	22.5	23.3	23.7
	12H	24.2	24.9	24.7	25.4	25.9	22.1	22.8	22.6	23.3	23.7

8H	4H	23.6	24.4	24.1	24.8	25.3	21.9	22.7	22.4	23.2	23.6
	6H	24.2	24.8	24.7	25.3	25.8	22.3	23.0	22.8	23.5	24.0
	8H	24.4	25.0	24.9	25.5	26.0	22.5	23.1	23.0	23.6	24.1
	12H	24.5	25.0	25.0	25.5	26.1	22.5	23.1	23.0	23.5	24.1

12H	4H	23.6	24.3	24.1	24.8	25.2	22.0	22.7	22.4	23.1	23.6
	6H	24.2	24.8	24.7	25.2	25.8	22.4	23.0	22.9	23.5	24.0
	8H	24.4	24.9	24.9	25.4	26.0	22.6	23.1	23.1	23.6	24.1

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 5421.651 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.)