

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L8-840-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-L8-840-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	6749
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	52
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	8231	7297	6460
55	7204	6227	5289
65	6130	5122	4255
75	4922	3846	3133
85	3187	1976	1512

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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	3125.953	3125.953	3125.953	3125.953	3125.953
0.5	3141.234	3119.161	3126.802	3124.255	3122.557
1.0	3140.385	3118.312	3125.953	3123.406	3121.708
1.5	3139.536	3116.614	3125.104	3121.708	3120.010
2.0	3137.838	3115.765	3122.557	3118.312	3119.161
2.5	3136.990	3114.067	3120.859	3116.614	3115.765
3.0	3134.443	3111.520	3118.312	3112.369	3111.520
3.5	3132.745	3108.973	3114.916	3108.973	3107.275
4.0	3128.500	3105.577	3111.520	3104.728	3102.181
4.5	3126.802	3102.181	3107.275	3099.634	3096.238
5.0	3122.557	3098.785	3102.181	3094.540	3091.144
5.5	3120.859	3093.691	3097.087	3087.749	3083.504
6.0	3113.218	3089.446	3091.144	3080.957	3076.712
6.5	3108.973	3085.202	3084.353	3073.316	3068.222
7.0	3103.879	3079.259	3078.410	3065.675	3060.581
7.5	3098.785	3073.316	3070.769	3057.185	3051.242
8.0	3092.842	3066.524	3063.977	3047.846	3041.055
8.5	3086.900	3060.581	3056.336	3037.659	3030.867
9.0	3080.108	3053.789	3046.997	3027.471	3020.679
9.5	3072.467	3045.299	3038.508	3016.434	3008.793
10.0	3066.524	3037.659	3028.320	3006.246	2997.756
10.5	3057.185	3029.169	3018.981	2995.209	2985.871
11.0	3048.695	3020.679	3007.944	2982.475	2973.985
11.5	3040.206	3011.340	2996.907	2969.740	2959.552
12.0	3030.867	3002.001	2985.871	2956.156	2945.968
12.5	3019.830	2990.965	2973.985	2942.573	2930.687
13.0	3010.491	2980.777	2961.250	2928.140	2916.254
13.5	3001.152	2969.740	2948.515	2913.707	2901.821
14.0	2989.267	2958.703	2935.781	2897.577	2884.842
14.5	2979.079	2945.968	2921.348	2882.295	2868.711
15.0	2967.193	2934.083	2906.915	2866.164	2851.731
15.5	2955.307	2921.348	2892.483	2849.185	2834.752
16.0	2942.573	2908.613	2877.201	2832.205	2816.074
16.5	2930.687	2895.879	2861.919	2814.376	2798.246
17.0	2917.103	2881.446	2845.789	2796.548	2778.719
17.5	2904.368	2867.013	2830.507	2777.870	2759.192
18.0	2889.936	2853.429	2813.527	2759.192	2739.666
18.5	2877.201	2838.148	2796.548	2739.666	2718.441
19.0	2861.919	2822.866	2778.719	2719.290	2697.217
19.5	2847.487	2807.584	2760.890	2699.764	2675.992
20.0	2832.205	2791.454	2742.213	2679.388	2654.768
20.5	2816.923	2775.323	2723.535	2658.164	2632.694
21.0	2800.793	2759.192	2704.858	2636.939	2609.772
21.5	2785.511	2741.364	2685.331	2614.865	2587.698
22.0	2768.531	2724.384	2664.955	2592.792	2565.624
22.5	2751.552	2706.555	2644.580	2570.718	2541.853
23.0	2735.421	2689.576	2625.053	2546.947	2518.081
23.5	2718.441	2670.898	2603.829	2524.024	2494.310
24.0	2700.613	2652.221	2582.604	2501.102	2469.689
24.5	2682.784	2633.543	2560.531	2477.330	2445.918
25.0	2664.106	2614.865	2539.306	2453.559	2421.297
25.5	2644.580	2594.490	2517.232	2428.938	2394.979
26.0	2625.902	2574.963	2493.461	2404.318	2369.510
26.5	2607.225	2554.588	2471.387	2379.697	2343.191

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CANDELA TABULATION - (Cont.)

27.0	2586.849	2534.212	2447.616	2354.228	2317.722
27.5	2565.624	2512.988	2424.693	2328.758	2292.252
28.0	2546.098	2492.612	2400.922	2302.440	2265.085
28.5	2525.722	2471.387	2377.999	2276.970	2238.766
29.0	2505.347	2450.163	2354.228	2250.652	2213.297
29.5	2481.575	2428.089	2329.607	2224.334	2186.129
30.0	2458.653	2405.167	2304.987	2198.015	2159.811
30.5	2437.428	2383.093	2281.215	2172.546	2132.643
31.0	2415.355	2361.020	2256.595	2146.227	2105.476
31.5	2394.130	2338.097	2231.974	2119.060	2078.309
32.0	2370.359	2315.175	2206.505	2092.741	2051.990
32.5	2348.285	2291.403	2181.884	2065.574	2023.974
33.0	2325.362	2268.481	2155.566	2039.255	1997.655
33.5	2302.440	2244.709	2131.794	2012.088	1968.790
34.0	2280.366	2220.938	2105.476	1985.770	1942.471
34.5	2257.444	2198.015	2080.007	1959.451	1916.153
35.0	2234.521	2173.395	2053.688	1932.284	1888.986
35.5	2210.750	2148.774	2028.219	1906.814	1860.969
36.0	2188.676	2125.003	2002.749	1879.647	1835.500
36.5	2164.905	2100.382	1976.431	1853.328	1808.332
37.0	2140.284	2075.762	1951.810	1827.010	1782.863
37.5	2116.513	2051.141	1926.341	1799.842	1755.695
38.0	2092.741	2025.672	1900.022	1773.524	1728.528
38.5	2068.121	2001.900	1874.553	1747.206	1702.209
39.0	2042.651	1976.431	1849.083	1720.887	1675.891
39.5	2018.880	1951.810	1822.765	1694.569	1649.573
40.0	1994.259	1926.341	1797.295	1669.948	1624.103
40.5	1967.941	1901.720	1770.977	1643.630	1596.936
41.0	1943.320	1876.251	1745.508	1617.311	1568.919
41.5	1918.700	1851.630	1720.038	1590.993	1542.601
42.0	1892.381	1826.161	1694.569	1563.825	1515.433
42.5	1865.214	1799.842	1669.099	1538.356	1489.115
43.0	1839.745	1774.373	1643.630	1510.339	1462.796
43.5	1815.124	1749.752	1618.160	1484.021	1438.176
44.0	1787.957	1724.283	1592.691	1459.401	1412.707
44.5	1762.487	1698.814	1564.674	1433.931	1387.237
45.0	1736.169	1674.193	1539.205	1409.311	1362.617
45.5	1709.850	1647.875	1512.886	1384.690	1337.147
46.0	1684.381	1623.254	1488.266	1360.070	1312.527
46.5	1658.911	1597.785	1463.645	1336.298	1288.755
47.0	1632.593	1572.315	1439.025	1311.678	1264.135
47.5	1606.274	1545.148	1415.253	1287.906	1240.363
48.0	1580.805	1518.829	1391.482	1264.135	1215.743
48.5	1554.487	1494.209	1366.861	1240.363	1191.971
49.0	1526.470	1468.739	1343.090	1216.592	1169.049
49.5	1501.850	1444.968	1320.167	1192.820	1146.126
50.0	1476.380	1420.347	1296.396	1169.898	1123.204
50.5	1452.609	1395.727	1272.624	1146.975	1100.281
51.0	1427.139	1371.955	1248.853	1123.204	1077.359
51.5	1402.519	1347.335	1225.930	1101.130	1055.285
52.0	1378.747	1322.714	1202.159	1078.207	1033.211
52.5	1354.127	1298.943	1179.236	1056.134	1011.987
53.0	1329.506	1275.171	1156.314	1034.060	990.762
53.5	1304.886	1251.400	1134.240	1011.987	968.689
54.0	1281.114	1227.628	1110.469	990.762	947.464
54.5	1256.494	1204.706	1088.395	968.689	926.240

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CANDELA TABULATION - (Cont.)

55.0	1232.722	1180.934	1065.473	948.313	905.015
55.5	1208.102	1158.012	1043.399	926.240	884.640
56.0	1183.481	1134.240	1021.326	905.864	864.264
56.5	1159.710	1111.318	999.252	885.489	845.162
57.0	1135.089	1088.395	976.330	865.113	825.041
57.5	1111.318	1066.322	955.105	844.737	805.429
58.0	1087.546	1043.399	933.032	824.701	786.158
58.5	1063.775	1020.477	910.958	804.920	766.886
59.0	1040.003	998.403	889.733	785.478	747.784
59.5	1016.232	976.330	868.509	766.037	729.191
60.0	993.309	954.256	847.115	746.510	710.683
60.5	970.387	932.183	826.399	727.493	692.175
61.0	947.464	910.958	805.260	708.646	674.007
61.5	925.391	888.884	784.714	689.628	656.094
62.0	902.468	866.811	763.999	671.460	638.774
62.5	880.395	845.841	743.963	653.207	621.115
63.0	858.321	824.871	724.012	635.039	603.796
63.5	836.672	803.901	704.061	616.701	586.307
64.0	815.617	783.101	684.619	599.042	569.497
64.5	793.883	762.301	665.008	581.468	552.772
65.0	772.829	741.926	645.736	563.894	536.472
65.5	751.944	721.295	626.294	546.660	519.832
66.0	731.144	700.835	607.532	529.850	503.531
66.5	710.513	680.629	588.684	512.785	487.061
67.0	689.628	660.593	570.092	495.891	471.270
67.5	668.743	640.557	551.754	479.590	455.479
68.0	648.707	620.861	533.246	463.205	439.518
68.5	628.247	601.334	515.162	447.074	424.152
69.0	607.956	581.808	497.249	431.028	408.870
69.5	588.260	562.366	479.760	415.152	394.013
70.0	568.309	543.009	461.931	399.616	378.986
70.5	548.612	523.992	444.442	384.164	364.468
71.0	528.916	505.144	427.463	369.137	349.781
71.5	509.644	486.127	410.483	354.195	335.603
72.0	490.457	467.619	393.673	339.338	321.425
72.5	471.355	449.281	376.948	324.821	307.671
73.0	452.762	431.198	360.563	310.218	294.172
73.5	434.170	412.860	344.432	296.295	280.674
74.0	415.916	394.862	328.471	282.287	267.260
74.5	397.833	377.203	312.680	268.703	254.525
75.0	380.004	359.799	296.974	255.034	241.875
75.5	362.515	342.734	281.777	242.045	229.310
76.0	345.451	325.839	266.920	229.055	217.170
76.5	328.301	308.945	252.063	216.575	205.284
77.0	312.086	292.474	237.800	204.095	193.483
77.5	295.616	276.259	223.622	192.040	181.937
78.0	279.230	260.298	209.614	180.239	170.985
78.5	263.015	244.507	196.200	168.778	159.863
79.0	247.563	229.310	183.041	157.486	149.166
79.5	232.366	213.859	170.221	146.195	138.724
80.0	217.255	199.086	157.486	135.582	128.621
80.5	202.228	184.399	145.091	125.055	118.603
81.0	187.710	170.136	133.205	115.037	109.094
81.5	173.362	156.298	121.574	105.104	99.671
82.0	159.524	142.289	110.537	95.426	90.332
82.5	146.025	129.045	99.671	86.002	81.417

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CANDELA TABULATION - (Cont.)

83.0	132.696	115.971	89.143	76.833	72.333
83.5	119.537	103.491	79.210	67.834	63.674
84.0	106.972	91.266	69.532	59.004	55.269
84.5	94.577	79.719	60.278	50.599	47.203
85.0	82.861	68.598	51.363	42.704	39.308
85.5	71.484	57.901	42.874	34.638	30.818
86.0	60.787	47.713	35.233	26.318	21.479
86.5	50.175	38.544	27.847	16.640	13.244
87.0	40.412	29.884	19.866	10.527	9.424
87.5	31.327	22.243	11.461	8.065	7.386
88.0	22.923	15.197	7.216	6.198	5.773
88.5	15.791	8.490	5.349	4.500	3.990
89.0	9.933	4.245	3.566	2.887	2.547
89.5	4.924	2.292	1.953	1.443	1.273
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-L8-840-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-L8-840-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-L8-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1110.36	N.A.	16.50
0-30	2276.05	N.A.	33.70
0-40	3560.13	N.A.	52.80
0-60	5705.26	N.A.	84.50
0-80	6678.67	N.A.	99.00
0-90	6748.57	N.A.	100.00
10-90	6454.99	N.A.	95.60
20-40	2449.77	N.A.	36.30
20-50	3640.53	N.A.	53.90
40-70	2791.95	N.A.	41.40
60-80	973.41	N.A.	14.40
70-80	326.59	N.A.	4.80
80-90	69.89	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	6748.57	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	293.57
10-20	816.79
20-30	1165.69
30-40	1284.08
40-50	1190.77
50-60	954.36
60-70	646.83
70-80	326.59
80-90	69.89
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-L8-840-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	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-L8-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

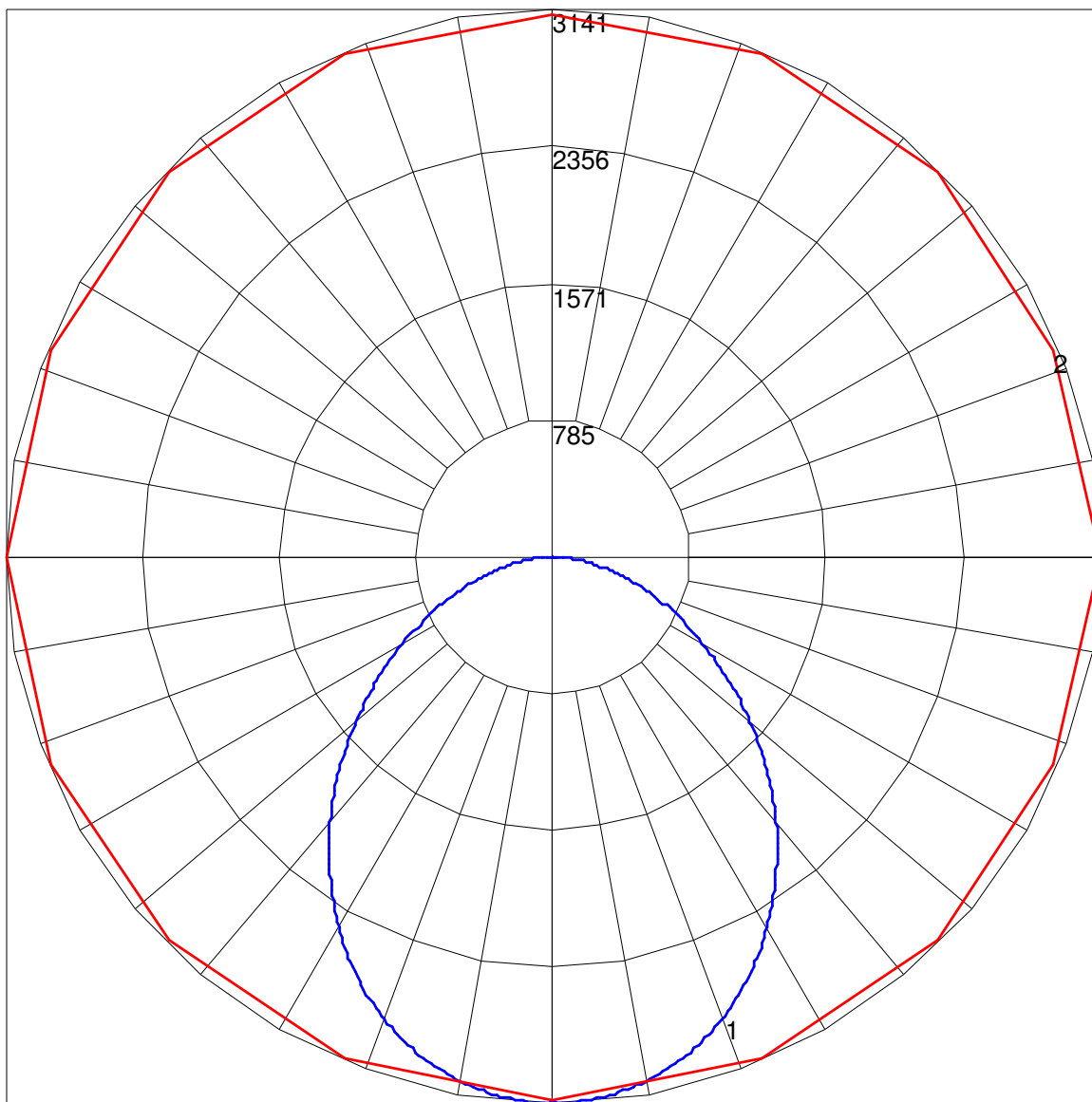
Reflectances

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	18.7	20.3	19.1	20.6	20.9	17.0	18.5	17.4	18.8	19.2
	3H	20.3	21.7	20.7	22.0	22.4	18.3	19.7	18.7	20.0	20.4
	4H	20.9	22.2	21.3	22.5	22.9	18.8	20.1	19.2	20.4	20.8
	6H	21.2	22.4	21.6	22.8	23.2	19.0	20.2	19.4	20.6	21.0
	8H	21.3	22.5	21.8	22.9	23.3	19.1	20.2	19.5	20.6	21.0
	12H	21.4	22.5	21.8	22.9	23.3	19.1	20.2	19.5	20.6	21.0
4H	2H	19.1	20.4	19.5	20.7	21.1	17.7	19.0	18.1	19.3	19.7
	3H	20.9	22.0	21.3	22.4	22.8	19.2	20.3	19.6	20.7	21.1
	4H	21.6	22.5	22.0	23.0	23.4	19.7	20.7	20.1	21.1	21.5
	6H	22.1	22.9	22.5	23.4	23.8	20.1	20.9	20.5	21.4	21.8
	8H	22.2	23.0	22.7	23.5	23.9	20.1	20.9	20.6	21.4	21.8
	12H	22.3	23.0	22.8	23.5	24.0	20.2	20.9	20.7	21.4	21.8
8H	4H	21.7	22.5	22.2	22.9	23.4	20.0	20.8	20.5	21.3	21.7
	6H	22.3	22.9	22.8	23.4	23.9	20.4	21.1	20.9	21.6	22.1
	8H	22.5	23.1	23.0	23.6	24.1	20.6	21.2	21.1	21.7	22.2
	12H	22.6	23.1	23.1	23.6	24.2	20.6	21.2	21.1	21.6	22.2
12H	4H	21.7	22.4	22.2	22.9	23.3	20.1	20.8	20.5	21.2	21.7
	6H	22.3	22.9	22.8	23.3	23.9	20.5	21.1	21.0	21.6	22.1
	8H	22.5	23.0	23.0	23.5	24.1	20.7	21.2	21.2	21.7	22.2

Maximum UGR = 24.2

POLAR GRAPH



Maximum Candela = 3141.234 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.)