

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L8-850-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-L8-850-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	6945
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
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	8470	7509	6648
55	7414	6408	5443
65	6309	5271	4379
75	5065	3958	3224
85	3280	2033	1556

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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	3217.000	3217.000	3217.000	3217.000	3217.000
0.5	3232.727	3210.010	3217.874	3215.252	3213.505
1.0	3231.853	3209.137	3217.000	3214.379	3212.631
1.5	3230.979	3207.389	3216.126	3212.631	3210.884
2.0	3229.232	3206.515	3213.505	3209.137	3210.010
2.5	3228.358	3204.768	3211.758	3207.389	3206.515
3.0	3225.737	3202.147	3209.137	3203.021	3202.147
3.5	3223.990	3199.526	3205.642	3199.526	3197.778
4.0	3219.621	3196.031	3202.147	3195.157	3192.536
4.5	3217.874	3192.536	3197.778	3189.915	3186.420
5.0	3213.505	3189.041	3192.536	3184.673	3181.178
5.5	3211.758	3183.799	3187.294	3177.683	3173.314
6.0	3203.894	3179.430	3181.178	3170.693	3166.325
6.5	3199.526	3175.062	3174.188	3162.830	3157.588
7.0	3194.283	3168.946	3168.072	3154.967	3149.724
7.5	3189.041	3162.830	3160.209	3146.229	3140.113
8.0	3182.925	3155.840	3153.219	3136.619	3129.629
8.5	3176.809	3149.724	3145.356	3126.134	3119.144
9.0	3169.820	3142.735	3135.745	3115.650	3108.660
9.5	3161.956	3133.997	3127.008	3104.291	3096.428
10.0	3155.840	3126.134	3116.523	3093.807	3085.070
10.5	3146.229	3117.397	3106.912	3082.449	3072.838
11.0	3137.492	3108.660	3095.554	3069.343	3060.606
11.5	3128.755	3099.049	3084.196	3056.237	3045.753
12.0	3119.144	3089.438	3072.838	3042.258	3031.773
12.5	3107.786	3078.080	3060.606	3028.279	3016.047
13.0	3098.175	3067.596	3047.500	3013.426	3001.194
13.5	3088.565	3056.237	3034.395	2998.572	2986.340
14.0	3076.333	3044.879	3021.289	2981.972	2968.866
14.5	3065.848	3031.773	3006.436	2966.245	2952.266
15.0	3053.616	3019.541	2991.583	2949.645	2934.792
15.5	3041.384	3006.436	2976.730	2932.170	2917.317
16.0	3028.279	2993.330	2961.003	2914.696	2898.096
16.5	3016.047	2980.225	2945.276	2896.348	2879.748
17.0	3002.067	2965.371	2928.676	2878.000	2859.653
17.5	2988.962	2950.518	2912.949	2858.779	2839.557
18.0	2974.109	2936.539	2895.475	2839.557	2819.462
18.5	2961.003	2920.812	2878.000	2819.462	2797.619
19.0	2945.276	2905.085	2859.653	2798.493	2775.776
19.5	2930.423	2889.359	2841.305	2778.398	2753.934
20.0	2914.696	2872.758	2822.083	2757.428	2732.091
20.5	2898.970	2856.158	2802.861	2735.586	2709.374
21.0	2882.369	2839.557	2783.640	2713.743	2685.784
21.5	2866.642	2821.209	2763.544	2691.027	2663.068
22.0	2849.168	2803.735	2742.575	2668.310	2640.351
22.5	2831.694	2785.387	2721.606	2645.594	2615.887
23.0	2815.093	2767.913	2701.511	2621.130	2591.424
23.5	2797.619	2748.691	2679.668	2597.540	2566.960
24.0	2779.271	2729.470	2657.826	2573.949	2541.622
24.5	2760.923	2710.248	2635.109	2549.486	2517.158
25.0	2741.702	2691.027	2613.266	2525.022	2491.821
25.5	2721.606	2670.058	2590.550	2499.684	2464.736
26.0	2702.385	2649.962	2566.086	2474.346	2438.524
26.5	2683.163	2628.993	2543.370	2449.009	2411.439

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CANDELA TABULATION - (Cont.)

27.0	2662.194	2608.024	2518.906	2422.798	2385.228
27.5	2640.351	2586.181	2495.316	2396.586	2359.017
28.0	2620.256	2565.212	2470.852	2369.501	2331.058
28.5	2599.287	2543.370	2447.261	2343.290	2303.973
29.0	2578.318	2521.527	2422.798	2316.205	2277.762
29.5	2553.854	2498.810	2397.460	2289.120	2249.803
30.0	2530.264	2475.220	2372.122	2262.035	2222.718
30.5	2508.421	2452.504	2347.659	2235.824	2194.759
31.0	2485.705	2429.787	2322.321	2208.739	2166.801
31.5	2463.862	2406.197	2296.983	2180.780	2138.842
32.0	2439.398	2382.607	2270.772	2153.695	2111.757
32.5	2416.682	2358.143	2245.434	2125.736	2082.924
33.0	2393.091	2334.553	2218.349	2098.651	2055.839
33.5	2369.501	2310.089	2193.886	2070.693	2026.133
34.0	2346.785	2285.625	2166.801	2043.607	1999.048
34.5	2323.195	2262.035	2140.589	2016.522	1971.963
35.0	2299.605	2236.697	2113.504	1988.564	1944.005
35.5	2275.141	2211.360	2087.293	1962.352	1915.172
36.0	2252.424	2186.896	2061.082	1934.394	1888.961
36.5	2227.960	2161.558	2033.997	1907.309	1861.002
37.0	2202.623	2136.221	2008.659	1880.224	1834.791
37.5	2178.159	2110.883	1982.448	1852.265	1806.832
38.0	2153.695	2084.672	1955.363	1825.180	1778.873
38.5	2128.357	2060.208	1929.151	1798.095	1751.788
39.0	2102.146	2033.997	1902.940	1771.010	1724.703
39.5	2077.682	2008.659	1875.855	1743.925	1697.618
40.0	2052.345	1982.448	1849.644	1718.587	1671.407
40.5	2025.260	1957.110	1822.559	1691.502	1643.448
41.0	1999.922	1930.899	1796.348	1664.417	1614.616
41.5	1974.584	1905.561	1770.136	1637.332	1587.531
42.0	1947.499	1879.350	1743.925	1609.374	1559.572
42.5	1919.541	1852.265	1717.714	1583.162	1532.487
43.0	1893.329	1826.054	1691.502	1554.330	1505.402
43.5	1867.992	1800.716	1665.291	1527.245	1480.065
44.0	1840.033	1774.505	1639.080	1501.907	1453.853
44.5	1813.822	1748.294	1610.247	1475.696	1427.642
45.0	1786.737	1722.956	1584.036	1450.358	1402.304
45.5	1759.652	1695.871	1556.951	1425.021	1376.093
46.0	1733.440	1670.533	1531.613	1399.683	1350.756
46.5	1707.229	1644.322	1506.276	1375.219	1326.292
47.0	1680.144	1618.111	1480.938	1349.882	1300.954
47.5	1653.059	1590.152	1456.474	1325.418	1276.490
48.0	1626.848	1563.067	1432.011	1300.954	1251.153
48.5	1599.763	1537.729	1406.673	1276.490	1226.689
49.0	1570.930	1511.518	1382.209	1252.026	1203.099
49.5	1545.593	1487.054	1358.619	1227.562	1179.508
50.0	1519.382	1461.717	1334.155	1203.972	1155.918
50.5	1494.918	1436.379	1309.691	1180.382	1132.328
51.0	1468.706	1411.915	1285.227	1155.918	1108.738
51.5	1443.369	1386.578	1261.637	1133.202	1086.021
52.0	1418.905	1361.240	1237.173	1109.612	1063.305
52.5	1393.567	1336.776	1213.583	1086.895	1041.462
53.0	1368.230	1312.312	1189.993	1064.179	1019.619
53.5	1342.892	1287.848	1167.276	1041.462	996.903
54.0	1318.428	1263.385	1142.813	1019.619	975.060
54.5	1293.091	1239.794	1120.096	996.903	953.218

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CANDELA TABULATION - (Cont.)

55.0	1268.627	1215.330	1096.506	975.934	931.375
55.5	1243.289	1191.740	1073.789	953.218	910.406
56.0	1217.952	1167.276	1051.073	932.248	889.437
56.5	1193.488	1143.686	1028.357	911.279	869.778
57.0	1168.150	1120.096	1004.766	890.310	849.071
57.5	1143.686	1097.380	982.924	869.341	828.889
58.0	1119.222	1073.789	960.207	848.722	809.055
58.5	1094.759	1050.199	937.491	828.364	789.222
59.0	1070.295	1027.483	915.648	808.356	769.564
59.5	1045.831	1004.766	893.805	788.348	750.429
60.0	1022.241	982.050	871.788	768.253	731.383
60.5	998.650	959.333	850.469	748.682	712.336
61.0	975.060	937.491	828.714	729.286	693.638
61.5	952.344	914.774	807.570	709.715	675.203
62.0	928.754	892.058	786.252	691.017	657.379
62.5	906.037	870.477	765.632	672.232	639.206
63.0	883.321	848.897	745.100	653.535	621.382
63.5	861.041	827.316	724.568	634.663	603.384
64.0	839.373	805.910	704.560	616.490	586.085
64.5	817.006	784.504	684.377	598.404	568.873
65.0	795.338	763.535	664.544	580.318	552.097
65.5	773.845	742.304	644.536	562.582	534.973
66.0	752.439	721.248	625.227	545.282	518.197
66.5	731.208	700.453	605.830	527.721	501.247
67.0	709.715	679.834	586.696	510.334	484.996
67.5	688.221	659.214	567.824	493.559	468.745
68.0	667.602	638.944	548.777	476.696	452.320
68.5	646.545	618.849	530.167	460.096	436.505
69.0	625.664	598.753	511.732	443.583	420.779
69.5	605.394	578.745	493.733	427.244	405.489
70.0	584.861	558.825	475.386	411.255	390.024
70.5	564.591	539.254	457.387	395.354	375.084
71.0	544.321	519.857	439.913	379.889	359.968
71.5	524.488	500.286	422.439	364.512	345.378
72.0	504.742	481.239	405.139	349.222	330.787
72.5	485.084	462.367	387.927	334.281	316.632
73.0	465.949	443.757	371.065	319.254	302.740
73.5	446.815	424.885	354.464	304.925	288.848
74.0	428.030	406.362	338.038	290.509	275.044
74.5	409.420	388.189	321.787	276.529	261.938
75.0	391.073	370.278	305.624	262.462	248.920
75.5	373.074	352.717	289.984	249.095	235.989
76.0	355.513	335.330	274.694	235.727	223.495
76.5	337.864	317.943	259.404	222.883	211.263
77.0	321.176	300.993	244.726	210.040	199.118
77.5	304.226	284.305	230.135	197.633	187.236
78.0	287.363	267.879	215.719	185.489	175.965
78.5	270.675	251.628	201.914	173.694	164.520
79.0	254.774	235.989	188.372	162.073	153.511
79.5	239.134	220.088	175.179	150.453	142.764
80.0	223.582	204.885	162.073	139.531	132.367
80.5	208.118	189.770	149.317	128.697	122.057
81.0	193.177	175.091	137.085	118.388	112.272
81.5	178.412	160.850	125.115	108.165	102.574
82.0	164.170	146.434	113.757	98.205	92.963
82.5	150.278	132.804	102.574	88.507	83.789

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CANDELA TABULATION - (Cont.)

83.0	136.561	119.349	91.740	79.071	74.440
83.5	123.018	106.505	81.517	69.809	65.528
84.0	110.087	93.924	71.557	60.723	56.879
84.5	97.331	82.041	62.033	52.073	48.578
85.0	85.274	70.596	52.859	43.948	40.453
85.5	73.566	59.587	44.122	35.647	31.716
86.0	62.558	49.102	36.259	27.085	22.105
86.5	51.636	39.666	28.658	17.125	13.630
87.0	41.589	30.755	20.445	10.834	9.698
87.5	32.240	22.891	11.795	8.300	7.601
88.0	23.590	15.639	7.427	6.378	5.941
88.5	16.251	8.737	5.504	4.631	4.106
89.0	10.222	4.369	3.670	2.971	2.621
89.5	5.068	2.359	2.010	1.485	1.311
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-L8-850-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-L8-850-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-L8-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1142.71	N.A.	16.50
0-30	2342.34	N.A.	33.70
0-40	3663.82	N.A.	52.80
0-60	5871.43	N.A.	84.50
0-80	6873.2	N.A.	99.00
0-90	6945.12	N.A.	100.00
10-90	6643.00	N.A.	95.60
20-40	2521.12	N.A.	36.30
20-50	3746.57	N.A.	53.90
40-70	2873.27	N.A.	41.40
60-80	1001.76	N.A.	14.40
70-80	336.10	N.A.	4.80
80-90	71.93	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	6945.12	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	302.12
10-20	840.58
20-30	1199.64
30-40	1321.48
40-50	1225.45
50-60	982.16
60-70	665.67
70-80	336.10
80-90	71.93
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-L8-850-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	52	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-L8-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

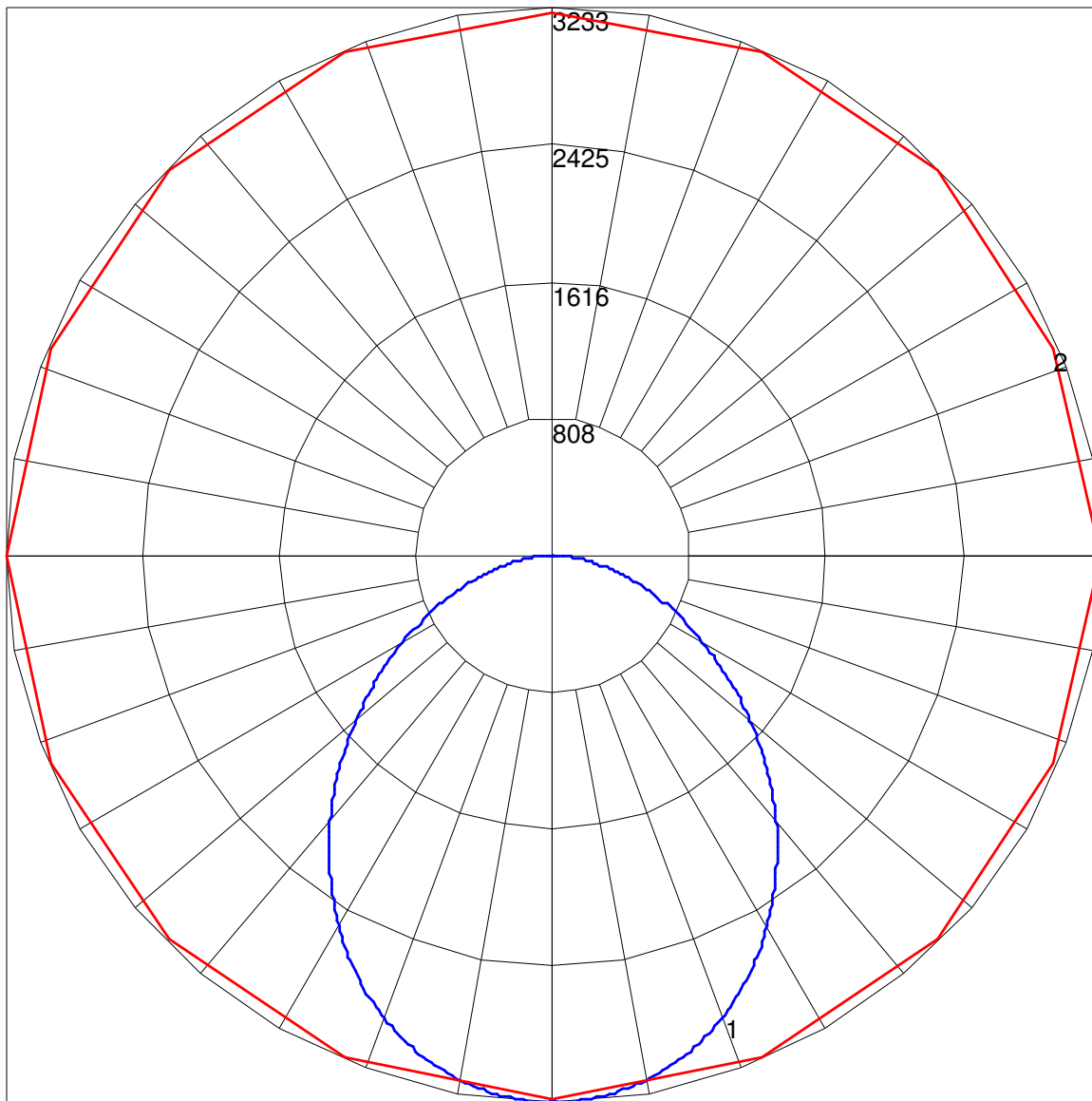
Reflectances

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	18.8	20.4	19.2	20.7	21.0	17.1	18.6	17.5	18.9	19.3
	3H	20.4	21.8	20.8	22.1	22.5	18.4	19.8	18.8	20.1	20.5
	4H	21.0	22.3	21.4	22.6	23.0	18.9	20.2	19.3	20.5	20.9
	6H	21.3	22.5	21.7	22.9	23.3	19.1	20.3	19.5	20.7	21.1
	8H	21.4	22.6	21.9	23.0	23.4	19.2	20.3	19.6	20.7	21.1
	12H	21.5	22.6	21.9	23.0	23.4	19.2	20.3	19.6	20.7	21.1
4H	2H	19.2	20.5	19.6	20.8	21.2	17.8	19.1	18.2	19.4	19.8
	3H	21.0	22.1	21.4	22.5	22.9	19.3	20.4	19.7	20.8	21.2
	4H	21.7	22.6	22.1	23.1	23.5	19.8	20.8	20.2	21.2	21.6
	6H	22.2	23.0	22.6	23.5	23.9	20.2	21.0	20.6	21.5	21.9
	8H	22.3	23.1	22.8	23.6	24.0	20.2	21.0	20.7	21.5	21.9
	12H	22.4	23.1	22.9	23.6	24.1	20.3	21.0	20.8	21.5	21.9
8H	4H	21.8	22.6	22.3	23.0	23.5	20.1	20.9	20.6	21.4	21.8
	6H	22.4	23.0	22.9	23.5	24.0	20.5	21.2	21.0	21.7	22.2
	8H	22.6	23.2	23.1	23.7	24.2	20.7	21.3	21.2	21.8	22.3
	12H	22.7	23.2	23.2	23.7	24.3	20.7	21.3	21.2	21.7	22.3
12H	4H	21.8	22.5	22.3	23.0	23.4	20.2	20.9	20.6	21.3	21.8
	6H	22.4	23.0	22.9	23.4	24.0	20.6	21.2	21.1	21.7	22.2
	8H	22.6	23.1	23.1	23.6	24.2	20.8	21.3	21.3	21.8	22.3

Maximum UGR = 24.3

POLAR GRAPH



Maximum Candela = 3232.727 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.)