



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4G-8-L8-850-X-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] GEN FROM 13638856.02  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 08-JAN-2024  
 [MANUFAC] WILLIAMS INDOOR  
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
 [LUMCAT] LRX4G-8-L8-850-x-DMA-DIM-UNV  
 [LUMINAIRE] 4 INCH WIDE LINEAR RECESSED LED  
 [MORE] WITH FLAT DIFFUSE MATTE ACRYLIC LENS  
 [LAMP] LED  
 [BALLAST] 0-10V DIMMING DRIVER  
 [\_SEARCH\_SOURCETYPE] LED  
 [\_SEARCH\_APPLICATION] Indoor, Architectural, Classroom, Commercial, Office, Direct, Linear  
 [\_SEARCH\_MOUNTING] Recessed

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6671
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	53
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	7.94 ft
Luminous Width (90-270)	0.35 ft
Luminous Height	0.00 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9569	8092	6987
55	8293	6694	5744
65	6984	5572	4915
75	5568	4613	4308
85	4118	3897	3917

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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	2983.490	2983.490	2983.490	2983.490	2983.490
0.5	3027.061	2984.636	2969.730	2980.050	2969.730
1.0	3027.061	2983.490	2969.730	2980.050	2969.730
1.5	3025.914	2983.490	2968.584	2980.050	2968.584
2.0	3025.914	2982.343	2967.437	2978.903	2967.437
2.5	3023.621	2980.050	2966.290	2977.756	2966.290
3.0	3022.474	2978.903	2965.144	2976.610	2963.997
3.5	3020.181	2976.610	2962.850	2974.317	2961.704
4.0	3019.035	2974.317	2960.557	2972.023	2959.411
4.5	3015.595	2970.877	2958.264	2969.730	2957.117
5.0	3012.155	2968.584	2954.824	2967.437	2952.531
5.5	3009.862	2965.144	2951.384	2962.850	2949.091
6.0	3007.568	2961.704	2947.944	2959.411	2945.651
6.5	3002.982	2958.264	2944.505	2954.824	2939.918
7.0	2999.542	2953.678	2939.918	2949.091	2935.332
7.5	2996.102	2949.091	2935.332	2944.505	2930.745
8.0	2991.516	2945.651	2929.599	2938.772	2926.159
8.5	2986.929	2939.918	2925.012	2931.892	2919.279
9.0	2981.196	2935.332	2918.133	2925.012	2912.399
9.5	2976.610	2929.599	2912.399	2918.133	2905.520
10.0	2970.877	2923.866	2905.520	2911.253	2897.493
10.5	2965.144	2916.986	2898.640	2902.080	2888.321
11.0	2959.411	2911.253	2890.614	2894.054	2879.148
11.5	2952.531	2904.373	2882.587	2884.881	2868.828
12.0	2945.651	2896.347	2874.561	2874.561	2859.655
12.5	2938.772	2889.467	2865.388	2865.388	2848.189
13.0	2930.745	2881.441	2857.362	2855.069	2837.870
13.5	2923.866	2873.415	2847.042	2843.603	2826.403
14.0	2914.693	2864.242	2837.870	2832.136	2814.937
14.5	2906.666	2855.069	2827.550	2819.524	2803.471
15.0	2897.493	2845.896	2816.084	2808.058	2789.712
15.5	2888.321	2836.723	2804.618	2795.445	2777.099
16.0	2878.001	2826.403	2793.152	2781.685	2763.340
16.5	2867.682	2816.084	2781.685	2767.926	2748.434
17.0	2858.509	2805.764	2769.073	2753.020	2733.528
17.5	2847.042	2794.298	2756.460	2738.114	2717.475
18.0	2836.723	2782.832	2742.701	2722.062	2700.276
18.5	2825.257	2771.366	2728.941	2706.009	2683.077
19.0	2813.791	2758.753	2715.182	2687.663	2664.731
19.5	2802.325	2746.140	2700.276	2669.317	2644.092
20.0	2790.858	2733.528	2684.223	2650.971	2624.599
20.5	2778.246	2719.768	2669.317	2631.479	2603.960
21.0	2765.633	2707.156	2652.118	2610.840	2582.175
21.5	2751.873	2693.396	2636.065	2590.201	2561.536
22.0	2738.114	2678.490	2618.866	2568.415	2537.457
22.5	2724.355	2663.584	2600.520	2546.630	2515.671
23.0	2710.595	2648.678	2583.321	2523.697	2491.592
23.5	2695.689	2632.626	2563.829	2501.912	2467.513
24.0	2680.783	2617.720	2545.483	2478.979	2443.434
24.5	2664.731	2600.520	2524.844	2456.047	2418.209
25.0	2648.678	2584.468	2505.351	2431.968	2392.983
25.5	2631.479	2567.269	2484.712	2407.889	2367.758
26.0	2615.426	2548.923	2464.073	2383.810	2342.532
26.5	2598.227	2531.724	2443.434	2360.878	2316.160

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**CANDELA TABULATION - (Cont.)**

27.0	2581.028	2513.378	2421.649	2335.653	2289.788
27.5	2563.829	2495.032	2399.863	2310.427	2262.269
28.0	2545.483	2475.540	2378.077	2285.202	2237.044
28.5	2527.137	2456.047	2356.292	2258.829	2209.525
29.0	2509.938	2436.555	2333.359	2232.457	2183.153
29.5	2490.446	2415.916	2310.427	2206.085	2155.634
30.0	2472.100	2396.423	2286.348	2178.567	2128.116
30.5	2451.461	2375.784	2262.269	2152.194	2099.450
31.0	2431.968	2353.998	2238.190	2123.529	2071.931
31.5	2412.476	2333.359	2214.112	2096.010	2043.266
32.0	2391.837	2311.574	2188.886	2067.345	2014.601
32.5	2371.198	2289.788	2163.661	2038.680	1985.935
33.0	2350.559	2268.002	2137.288	2011.161	1957.270
33.5	2328.773	2245.070	2112.063	1982.496	1927.458
34.0	2306.987	2223.284	2085.691	1952.684	1898.793
34.5	2285.202	2199.206	2058.172	1924.018	1868.981
35.0	2262.269	2176.273	2031.800	1895.353	1840.315
35.5	2239.337	2152.194	2005.428	1866.688	1811.650
36.0	2216.405	2129.262	1977.909	1838.022	1784.131
36.5	2192.326	2105.183	1951.537	1810.503	1755.466
37.0	2169.394	2079.958	1924.018	1781.838	1729.094
37.5	2145.315	2054.732	1896.499	1755.466	1700.428
38.0	2121.236	2030.653	1868.981	1727.947	1671.763
38.5	2097.157	2005.428	1842.609	1700.428	1643.098
39.0	2073.078	1980.202	1815.090	1672.910	1614.432
39.5	2047.853	1954.977	1787.571	1646.538	1585.767
40.0	2022.627	1928.605	1761.199	1619.019	1557.102
40.5	1998.548	1903.379	1733.680	1591.500	1528.436
41.0	1973.323	1877.007	1706.162	1562.835	1500.918
41.5	1948.097	1851.782	1679.789	1534.169	1473.399
42.0	1921.725	1826.556	1652.271	1506.651	1445.880
42.5	1897.646	1800.184	1625.899	1477.985	1419.508
43.0	1872.421	1773.812	1599.526	1450.467	1390.843
43.5	1846.048	1748.586	1572.008	1424.095	1365.617
44.0	1820.823	1722.214	1545.636	1397.722	1340.392
44.5	1794.451	1695.842	1519.263	1370.204	1315.166
45.0	1768.079	1670.617	1495.185	1343.832	1291.087
45.5	1742.853	1644.244	1469.959	1318.606	1265.862
46.0	1715.334	1617.872	1444.734	1293.381	1242.930
46.5	1688.962	1591.500	1419.508	1268.155	1218.851
47.0	1662.590	1565.128	1394.283	1244.076	1195.918
47.5	1636.218	1538.756	1369.057	1219.997	1172.986
48.0	1609.846	1512.384	1344.978	1197.065	1150.054
48.5	1582.327	1486.012	1318.606	1174.133	1128.039
49.0	1555.955	1459.640	1292.234	1151.200	1105.909
49.5	1528.436	1433.267	1267.008	1129.185	1084.009
50.0	1502.064	1406.895	1240.636	1106.368	1062.109
50.5	1475.692	1380.523	1216.557	1084.009	1040.438
51.0	1449.320	1355.298	1191.332	1062.452	1019.913
51.5	1422.948	1328.926	1166.106	1041.125	999.045
52.0	1396.576	1302.553	1141.913	1019.569	978.406
52.5	1370.204	1277.328	1117.261	998.013	958.455
53.0	1343.832	1252.102	1093.296	977.603	937.930
53.5	1318.606	1226.877	1070.020	957.881	917.520
54.0	1293.381	1202.798	1047.203	937.128	898.028
54.5	1267.008	1178.719	1025.073	916.947	878.994

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**CANDELA TABULATION - (Cont.)**

55.0	1242.930	1153.494	1003.287	896.996	860.878
55.5	1217.704	1129.988	981.846	877.045	842.417
56.0	1192.479	1106.253	960.404	857.667	824.301
56.5	1167.253	1082.862	939.421	838.748	806.758
57.0	1142.945	1059.357	918.438	820.402	789.329
57.5	1118.637	1036.195	897.799	802.400	772.359
58.0	1094.099	1013.492	878.077	784.743	755.619
58.5	1070.364	991.018	858.241	767.085	739.107
59.0	1046.171	968.201	837.831	749.656	722.711
59.5	1022.550	946.071	817.765	732.686	706.773
60.0	998.586	924.515	798.273	715.831	690.720
60.5	975.195	903.532	779.010	699.205	675.012
61.0	951.346	883.007	759.746	682.923	659.418
61.5	928.069	863.171	741.057	666.756	643.824
62.0	905.252	843.335	722.023	650.818	628.574
62.5	882.778	823.727	703.218	634.995	613.438
63.0	859.960	804.350	684.873	619.401	598.647
63.5	837.601	784.743	666.985	604.151	584.429
64.0	815.472	764.104	649.442	589.245	570.211
64.5	793.113	742.547	632.358	574.568	556.452
65.0	771.213	721.220	615.388	560.121	542.807
65.5	749.427	700.008	598.418	545.788	529.277
66.0	727.756	679.598	581.677	531.456	515.976
66.5	706.658	658.959	565.166	517.352	502.905
67.0	685.675	638.320	548.884	503.249	489.719
67.5	664.921	617.910	532.946	489.375	476.762
68.0	644.282	597.959	517.008	475.386	463.232
68.5	623.643	578.237	501.070	461.397	450.046
69.0	603.119	559.433	485.132	447.409	436.975
69.5	582.595	541.431	469.538	433.535	423.789
70.0	562.299	523.544	454.059	420.005	410.832
70.5	542.348	505.771	438.809	406.704	398.219
71.0	522.741	488.458	423.789	393.633	385.836
71.5	503.478	470.800	408.997	380.676	373.452
72.0	484.444	453.027	394.321	367.834	361.413
72.5	465.640	435.140	379.988	355.336	349.259
73.0	447.179	417.941	365.770	342.952	337.334
73.5	429.063	401.086	351.896	330.798	325.638
74.0	411.061	384.230	338.480	318.873	314.058
74.5	393.633	367.604	325.180	307.063	302.821
75.0	376.548	351.323	311.994	295.368	291.355
75.5	359.349	335.614	298.808	283.787	280.003
76.0	342.838	320.364	285.851	272.321	268.881
76.5	326.556	305.343	273.123	261.084	257.988
77.0	310.618	290.667	260.855	249.962	247.095
77.5	295.138	276.105	248.701	238.954	236.317
78.0	279.659	262.001	236.661	228.062	225.654
78.5	264.524	248.127	224.851	217.169	215.105
79.0	249.733	234.368	213.270	206.505	204.671
79.5	234.941	220.953	202.033	195.842	194.351
80.0	220.609	207.881	191.026	185.407	184.146
80.5	206.620	195.154	180.133	175.088	174.056
81.0	192.975	182.541	169.470	164.998	164.195
81.5	179.560	170.272	158.806	154.908	154.220
82.0	166.259	158.233	148.372	144.817	144.359
82.5	153.188	146.308	138.052	134.956	134.727

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**CANDELA TABULATION - (Cont.)**

83.0	140.690	134.842	127.962	125.210	125.210
83.5	128.650	123.605	117.987	115.808	116.037
84.0	116.725	112.712	108.126	106.635	106.979
84.5	105.259	102.049	98.265	97.462	98.150
85.0	93.793	91.500	88.748	88.519	89.207
85.5	82.556	81.295	79.231	79.690	80.607
86.0	71.663	71.319	70.058	71.090	72.007
86.5	61.115	61.573	61.000	62.605	63.522
87.0	50.910	51.942	52.171	54.120	55.152
87.5	41.049	42.769	43.571	45.750	46.782
88.0	31.532	33.596	34.972	37.380	38.182
88.5	22.588	24.767	26.372	28.551	28.551
89.0	14.447	16.397	17.199	18.117	18.231
89.5	7.453	9.058	10.434	11.351	11.695
90.0	3.440	4.701	4.701	4.472	4.816
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 : LRX4G-8-L8-850-X-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 : LRX4G-8-L8-850-X-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 : LRX4G-8-L8-850-X-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1078.06	N.A.	16.20
0-30	2231.52	N.A.	33.50
0-40	3504.37	N.A.	52.50
0-60	5590.88	N.A.	83.80
0-80	6569.22	N.A.	98.50
0-90	6670.62	N.A.	100.00
10-90	6388.85	N.A.	95.80
20-40	2426.31	N.A.	36.40
20-50	3591.78	N.A.	53.80
40-70	2720.25	N.A.	40.80
60-80	978.34	N.A.	14.70
70-80	344.61	N.A.	5.20
80-90	101.40	N.A.	1.50
90-110	0.12	N.A.	0.00
90-120	0.12	N.A.	0.00
90-130	0.12	N.A.	0.00
90-150	0.12	N.A.	0.00
90-180	0.12	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6670.74	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	281.77
10-20	796.29
20-30	1153.46
30-40	1272.85
40-50	1165.47
50-60	921.05
60-70	633.73
70-80	344.61
80-90	101.40
90-100	0.12
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 : LRX4G-8-L8-850-X-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	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	101	93	87	81	98	91	85	80	88	83	78	84	80	77	81	78	75	73
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	65	63
4	85	74	66	59	83	72	65	59	70	63	58	68	62	57	66	61	56	54
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48
6	73	60	52	46	71	59	51	45	58	50	45	56	50	45	54	49	44	42
7	68	55	47	41	66	54	46	41	53	46	40	51	45	40	50	44	40	38
8	63	50	42	37	62	50	42	37	48	41	36	47	41	36	46	40	36	34
9	59	46	39	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	35	30	55	43	35	30	42	35	30	41	34	30	40	34	30	28

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX4G-8-L8-850-X-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

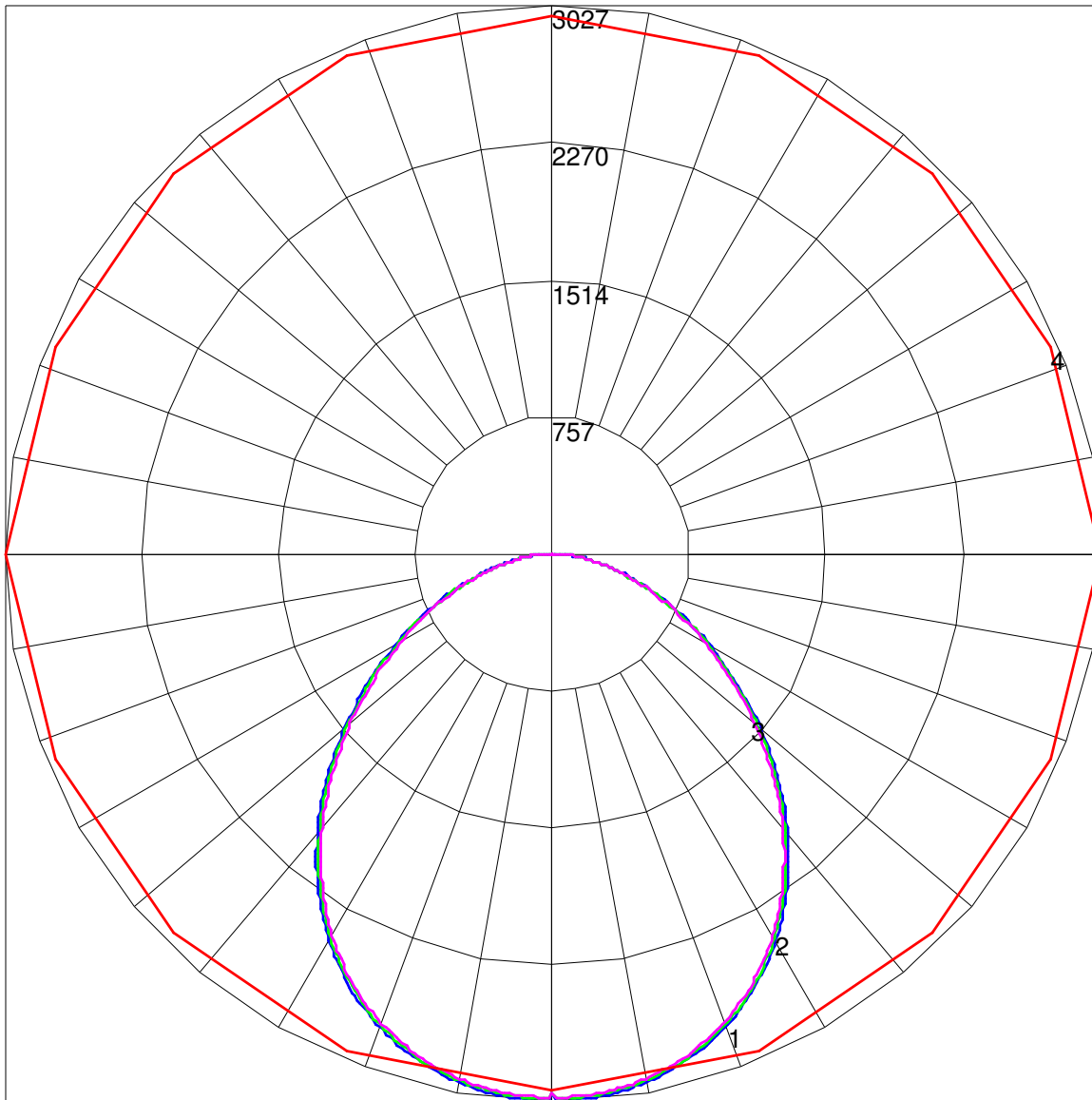
Reflectances

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	19.1	20.6	19.5	21.0	21.3	17.2	18.7	17.5	19.0	19.4
	3H	20.7	22.1	21.1	22.4	22.8	18.8	20.2	19.1	20.5	20.8
	4H	21.2	22.5	21.6	22.9	23.3	19.4	20.7	19.8	21.0	21.4
	6H	21.7	22.9	22.1	23.2	23.6	19.9	21.1	20.3	21.4	21.8
	8H	21.8	22.9	22.2	23.3	23.7	20.0	21.2	20.4	21.6	22.0
	12H	21.9	23.0	22.3	23.3	23.8	20.1	21.2	20.6	21.6	22.1
4H	2H	19.5	20.7	19.8	21.1	21.5	17.9	19.2	18.3	19.5	19.9
	3H	21.2	22.3	21.7	22.7	23.1	19.7	20.7	20.1	21.1	21.5
	4H	21.9	22.9	22.4	23.3	23.8	20.4	21.4	20.8	21.8	22.2
	6H	22.5	23.3	22.9	23.8	24.2	21.0	21.8	21.4	22.3	22.7
	8H	22.7	23.5	23.1	23.9	24.4	21.2	22.0	21.7	22.4	22.9
	12H	22.8	23.5	23.3	24.0	24.4	21.4	22.1	21.8	22.6	23.0
8H	4H	22.1	22.9	22.6	23.4	23.8	20.7	21.5	21.2	21.9	22.4
	6H	22.8	23.4	23.3	23.9	24.4	21.4	22.1	21.9	22.6	23.1
	8H	23.0	23.6	23.5	24.1	24.6	21.7	22.3	22.2	22.8	23.3
	12H	23.2	23.7	23.7	24.2	24.8	22.0	22.5	22.5	23.0	23.6
12H	4H	22.1	22.8	22.6	23.3	23.8	20.7	21.5	21.2	21.9	22.4
	6H	22.8	23.4	23.3	23.9	24.4	21.5	22.1	22.0	22.6	23.1
	8H	23.1	23.6	23.6	24.1	24.7	21.8	22.4	22.3	22.9	23.4

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 3027.061 Located At Horizontal Angle = 0, Vertical Angle = .5

# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

# 2 - Vertical Plane Through Horizontal Angles (5 - 185)

# 3 - Vertical Plane Through Horizontal Angles (10 - 190)

# 4 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)