



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-8-L8-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.02

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 1-SEP-2021

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMCAT] LRX4-8-L8-835-DMA-DIM-UNV

[LUMINAIRE] White steel housing, frosted lens enclosure

[LAMP] white LEDs

[BALLAST] (1) Everline Driver

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[_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	6521
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	53.8
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	9354	7910	6830
55	8106	6543	5615
65	6827	5447	4805
75	5442	4509	4211
85	4026	3809	3829

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-8-L8-835-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	2916.405	2916.405	2916.405	2916.405	2916.405
0.5	2958.996	2917.526	2902.955	2913.042	2902.955
1.0	2958.996	2916.405	2902.955	2913.042	2902.955
1.5	2957.876	2916.405	2901.834	2913.042	2901.834
2.0	2957.876	2915.284	2900.713	2911.921	2900.713
2.5	2955.634	2913.042	2899.592	2910.801	2899.592
3.0	2954.513	2911.921	2898.471	2909.680	2897.351
3.5	2952.271	2909.680	2896.230	2907.438	2895.109
4.0	2951.151	2907.438	2893.988	2905.196	2892.867
4.5	2947.788	2904.076	2891.746	2902.955	2890.626
5.0	2944.426	2901.834	2888.384	2900.713	2886.142
5.5	2942.184	2898.471	2885.021	2896.230	2882.780
6.0	2939.942	2895.109	2881.659	2892.867	2879.417
6.5	2935.459	2891.746	2878.296	2888.384	2873.813
7.0	2932.096	2887.263	2873.813	2882.780	2869.330
7.5	2928.734	2882.780	2869.330	2878.296	2864.847
8.0	2924.251	2879.417	2863.726	2872.692	2860.363
8.5	2919.767	2873.813	2859.242	2865.967	2853.638
9.0	2914.163	2869.330	2852.517	2859.242	2846.913
9.5	2909.680	2863.726	2846.913	2852.517	2840.188
10.0	2904.076	2858.122	2840.188	2845.792	2832.342
10.5	2898.471	2851.397	2833.463	2836.826	2823.376
11.0	2892.867	2845.792	2825.617	2828.980	2814.409
11.5	2886.142	2839.067	2817.772	2820.013	2804.322
12.0	2879.417	2831.222	2809.926	2809.926	2795.355
12.5	2872.692	2824.497	2800.959	2800.959	2784.147
13.0	2864.847	2816.651	2793.113	2790.872	2774.059
13.5	2858.122	2808.805	2783.026	2779.663	2762.851
14.0	2849.155	2799.838	2774.059	2768.455	2751.642
14.5	2841.309	2790.872	2763.972	2756.126	2740.434
15.0	2832.342	2781.905	2752.763	2744.917	2726.984
15.5	2823.376	2772.938	2741.555	2732.588	2714.655
16.0	2813.288	2762.851	2730.347	2719.138	2701.205
16.5	2803.201	2752.763	2719.138	2705.688	2686.634
17.0	2794.234	2742.676	2706.809	2691.118	2672.063
17.5	2783.026	2731.468	2694.480	2676.547	2656.372
18.0	2772.938	2720.259	2681.030	2660.855	2639.559
18.5	2761.730	2709.051	2667.580	2645.163	2622.747
19.0	2750.522	2696.722	2654.130	2627.230	2604.813
19.5	2739.313	2684.393	2639.559	2609.297	2584.639
20.0	2728.105	2672.063	2623.868	2591.364	2565.584
20.5	2715.776	2658.613	2609.297	2572.309	2545.409
21.0	2703.447	2646.284	2592.484	2552.134	2524.114
21.5	2689.997	2632.834	2576.793	2531.959	2503.939
22.0	2676.547	2618.263	2559.980	2510.664	2480.401
22.5	2663.097	2603.693	2542.047	2489.368	2459.105
23.0	2649.647	2589.122	2525.234	2466.951	2435.568
23.5	2635.076	2573.430	2506.180	2445.655	2412.030
24.0	2620.505	2558.859	2488.247	2423.239	2388.493
24.5	2604.813	2542.047	2468.072	2400.822	2363.835
25.0	2589.122	2526.355	2449.018	2377.285	2339.176
25.5	2572.309	2509.543	2428.843	2353.747	2314.518
26.0	2556.618	2491.609	2408.668	2330.210	2289.860
26.5	2539.805	2474.797	2388.493	2307.793	2264.081

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-8-L8-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	2522.993	2456.864	2367.197	2283.135	2238.301
27.5	2506.180	2438.930	2345.901	2258.476	2211.401
28.0	2488.247	2419.876	2324.605	2233.818	2186.743
28.5	2470.314	2400.822	2303.310	2208.039	2159.843
29.0	2453.501	2381.768	2280.893	2182.260	2134.064
29.5	2434.447	2361.593	2258.476	2156.481	2107.164
30.0	2416.514	2342.539	2234.939	2129.581	2080.264
30.5	2396.339	2322.364	2211.401	2103.802	2052.243
31.0	2377.285	2301.068	2187.864	2075.781	2025.343
31.5	2358.230	2280.893	2164.327	2048.881	1997.323
32.0	2338.055	2259.597	2139.668	2020.860	1969.302
32.5	2317.881	2238.301	2115.010	1992.839	1941.281
33.0	2297.706	2217.006	2089.231	1965.939	1913.260
33.5	2276.410	2194.589	2064.572	1937.918	1884.119
34.0	2255.114	2173.293	2038.793	1908.777	1856.098
34.5	2233.818	2149.756	2011.893	1880.756	1826.956
35.0	2211.401	2127.339	1986.114	1852.735	1798.935
35.5	2188.985	2103.802	1960.335	1824.714	1770.915
36.0	2166.568	2081.385	1933.435	1796.694	1744.015
36.5	2143.031	2057.847	1907.656	1769.794	1715.994
37.0	2120.614	2033.189	1880.756	1741.773	1690.215
37.5	2097.077	2008.531	1853.856	1715.994	1662.194
38.0	2073.539	1984.993	1826.956	1689.094	1634.173
38.5	2050.002	1960.335	1801.177	1662.194	1606.152
39.0	2026.464	1935.677	1774.277	1635.294	1578.131
39.5	2001.806	1911.019	1747.377	1609.515	1550.111
40.0	1977.148	1885.239	1721.598	1582.615	1522.090
40.5	1953.610	1860.581	1694.698	1555.715	1494.069
41.0	1928.952	1834.802	1667.798	1527.694	1467.169
41.5	1904.294	1810.144	1642.019	1499.673	1440.269
42.0	1878.514	1785.485	1615.119	1472.773	1413.369
42.5	1854.977	1759.706	1589.340	1444.752	1387.590
43.0	1830.319	1733.927	1563.561	1417.852	1359.569
43.5	1804.539	1709.269	1536.661	1392.073	1334.911
44.0	1779.881	1683.490	1510.881	1366.294	1310.253
44.5	1754.102	1657.710	1485.102	1339.394	1285.594
45.0	1728.323	1633.052	1461.565	1313.615	1262.057
45.5	1703.665	1607.273	1436.907	1288.957	1237.398
46.0	1676.765	1581.494	1412.248	1264.298	1214.982
46.5	1650.985	1555.715	1387.590	1239.640	1191.444
47.0	1625.206	1529.936	1362.932	1216.103	1169.028
47.5	1599.427	1504.156	1338.273	1192.565	1146.611
48.0	1573.648	1478.377	1314.736	1170.149	1124.194
48.5	1546.748	1452.598	1288.957	1147.732	1102.674
49.0	1520.969	1426.819	1263.178	1125.315	1081.042
49.5	1494.069	1401.040	1238.519	1103.795	1059.635
50.0	1468.290	1375.261	1212.740	1081.491	1038.227
50.5	1442.511	1349.482	1189.203	1059.635	1017.043
51.0	1416.732	1324.823	1164.544	1038.563	996.980
51.5	1390.952	1299.044	1139.886	1017.715	976.581
52.0	1365.173	1273.265	1116.237	996.644	956.406
52.5	1339.394	1248.607	1092.139	975.572	936.903
53.0	1313.615	1223.949	1068.713	955.621	916.841
53.5	1288.957	1199.290	1045.960	936.343	896.890
54.0	1264.298	1175.753	1023.656	916.056	877.836
54.5	1238.519	1152.215	1002.024	896.329	859.230

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-8-L8-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1214.982	1127.557	980.728	876.827	841.521
55.5	1190.324	1104.580	959.768	857.324	823.475
56.0	1165.665	1081.379	938.809	838.382	805.766
56.5	1141.007	1058.514	918.298	819.889	788.617
57.0	1117.245	1035.537	897.786	801.955	771.581
57.5	1093.484	1012.896	877.611	784.358	754.992
58.0	1069.498	990.703	858.333	767.097	738.628
58.5	1046.297	968.735	838.943	749.837	722.488
59.0	1022.647	946.431	818.992	732.800	706.460
59.5	999.558	924.798	799.377	716.212	690.881
60.0	976.133	903.727	780.323	699.735	675.189
60.5	953.268	883.216	761.493	683.483	659.834
61.0	929.954	863.153	742.663	667.568	644.590
61.5	907.201	843.762	724.394	651.764	629.347
62.0	884.897	824.372	705.788	636.184	614.440
62.5	862.929	805.206	687.406	620.717	599.645
63.0	840.624	786.264	669.473	605.473	585.186
63.5	818.768	767.097	651.988	590.566	571.288
64.0	797.136	746.922	634.839	575.996	557.390
64.5	775.279	725.851	618.139	561.649	543.940
65.0	753.872	705.003	601.551	547.526	530.602
65.5	732.576	684.268	584.962	533.516	517.376
66.0	711.392	664.317	568.598	519.506	504.374
66.5	690.769	644.142	552.458	505.719	491.597
67.0	670.258	623.967	536.542	491.933	478.707
67.5	649.970	604.016	520.963	478.371	466.042
68.0	629.795	584.514	505.383	464.697	452.816
68.5	609.621	565.236	489.804	451.023	439.927
69.0	589.558	546.854	474.224	437.349	427.149
69.5	569.495	529.257	458.981	423.787	414.259
70.0	549.656	511.772	443.849	410.561	401.594
70.5	530.154	494.399	428.942	397.559	389.265
71.0	510.987	477.474	414.259	384.782	377.160
71.5	492.157	460.214	399.801	372.116	365.055
72.0	473.552	442.841	385.454	359.563	353.286
72.5	455.170	425.356	371.444	347.346	341.405
73.0	437.124	408.543	357.545	335.241	329.749
73.5	419.415	392.067	343.983	323.360	318.316
74.0	401.818	375.591	330.870	311.703	306.996
74.5	384.782	359.339	317.868	300.159	296.012
75.0	368.081	343.423	304.978	288.726	284.803
75.5	351.269	328.068	292.089	277.406	273.707
76.0	335.129	313.160	279.423	266.198	262.835
76.5	319.213	298.478	266.982	255.213	252.187
77.0	303.633	284.131	254.989	244.341	241.539
77.5	288.502	269.896	243.108	233.581	231.003
78.0	273.371	256.110	231.340	222.933	220.580
78.5	258.576	242.548	219.795	212.286	210.268
79.0	244.117	229.098	208.475	201.862	200.069
79.5	229.658	215.984	197.491	191.438	189.981
80.0	215.648	203.207	186.731	181.239	180.006
80.5	201.974	190.766	176.083	171.151	170.142
81.0	188.636	178.436	165.659	161.288	160.503
81.5	175.522	166.444	155.235	151.424	150.752
82.0	162.521	154.675	145.036	141.561	141.113
82.5	149.743	143.018	134.948	131.922	131.698

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-8-L8-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	137.526	131.810	125.085	122.395	122.395
83.5	125.757	120.826	115.334	113.204	113.428
84.0	114.101	110.178	105.694	104.237	104.574
84.5	102.892	99.754	96.055	95.271	95.943
85.0	91.684	89.442	86.752	86.528	87.201
85.5	80.700	79.467	77.449	77.898	78.794
86.0	70.052	69.716	68.483	69.492	70.388
86.5	59.740	60.189	59.628	61.197	62.094
87.0	49.765	50.774	50.998	52.903	53.912
87.5	40.126	41.807	42.592	44.721	45.730
88.0	30.823	32.840	34.185	36.539	37.324
88.5	22.080	24.210	25.779	27.909	27.909
89.0	14.122	16.028	16.812	17.709	17.821
89.5	7.285	8.855	10.200	11.096	11.432
90.0	3.362	4.595	4.595	4.371	4.707
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 : LRX4-8-L8-835-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 : LRX4-8-L8-835-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 : LRX4-8-L8-835-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 : LRX4-8-L8-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1053.82	N.A.	16.20
0-30	2181.34	N.A.	33.50
0-40	3425.57	N.A.	52.50
0-60	5465.17	N.A.	83.80
0-80	6421.51	N.A.	98.50
0-90	6520.63	N.A.	100.00
10-90	6245.19	N.A.	95.80
20-40	2371.75	N.A.	36.40
20-50	3511.01	N.A.	53.80
40-70	2659.08	N.A.	40.80
60-80	956.34	N.A.	14.70
70-80	336.86	N.A.	5.20
80-90	99.12	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	6520.75	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	275.44
10-20	778.38
20-30	1127.53
30-40	1244.23
40-50	1139.26
50-60	900.34
60-70	619.48
70-80	336.86
80-90	99.12
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 : LRX4-8-L8-835-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	64	64	64	64	63	63	63	63	60	60	60	58	58	58	55	55	55	54
1	59	57	55	53	58	56	54	52	53	52	50	51	50	49	49	48	47	46
2	54	50	47	44	53	49	46	43	47	45	42	46	43	41	44	42	41	39
3	50	45	41	37	49	44	40	37	42	39	36	41	38	36	39	37	35	34
4	46	40	35	32	45	39	35	32	38	34	31	37	34	31	36	33	31	29
5	43	36	31	28	41	35	31	28	34	30	28	33	30	27	32	29	27	26
6	39	33	28	25	38	32	28	25	31	27	24	30	27	24	29	26	24	23
7	37	30	25	22	36	29	25	22	29	25	22	28	24	22	27	24	22	20
8	34	27	23	20	33	27	23	20	26	22	20	26	22	20	25	22	19	18
9	32	25	21	18	31	25	21	18	24	20	18	24	20	18	23	20	18	17
10	30	23	19	16	30	23	19	16	23	19	16	22	19	16	22	18	16	15

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-8-L8-835-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

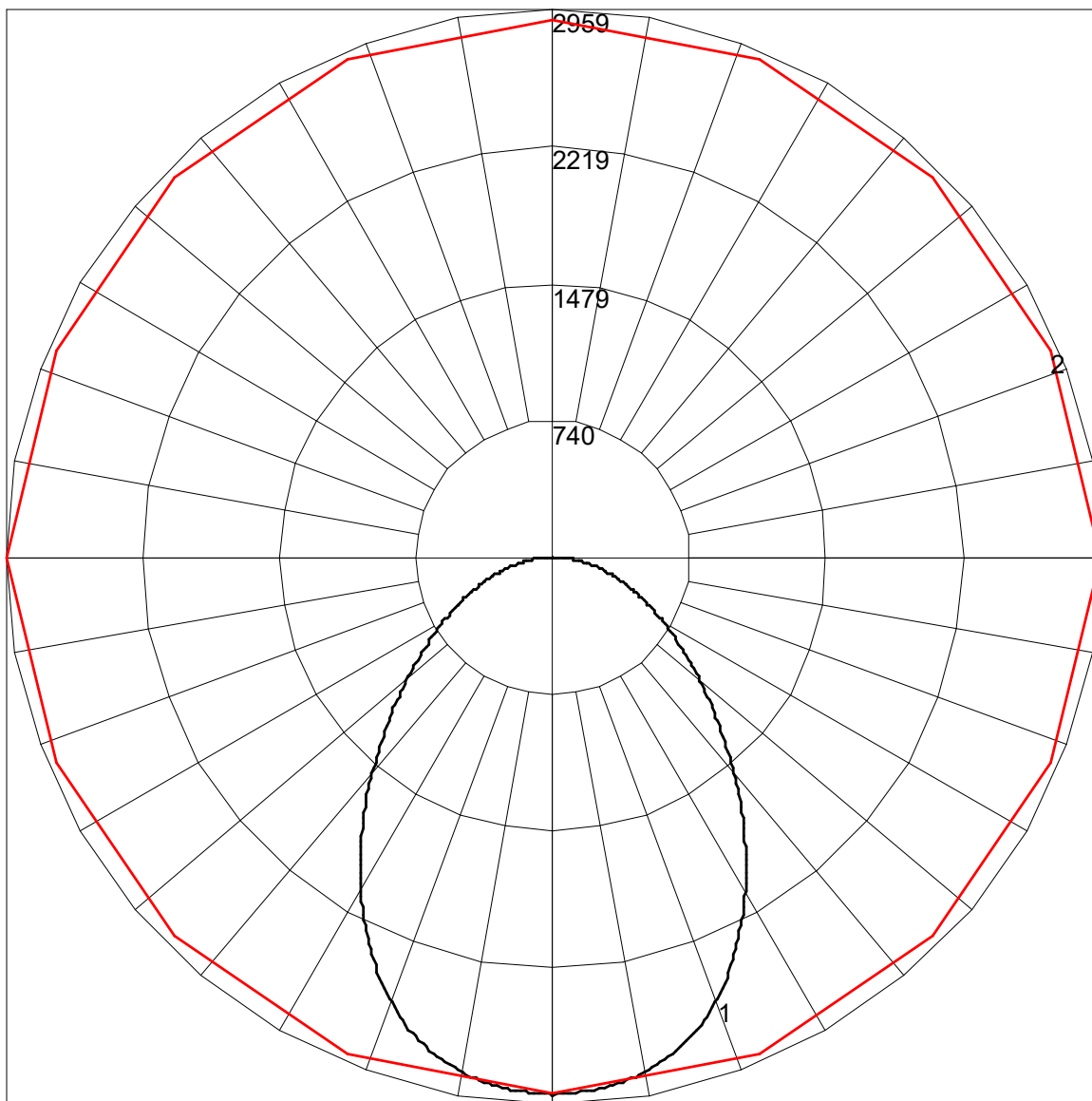
Reflectances

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	21.2	22.7	21.6	23.1	23.4	19.3	20.8	19.6	21.1	21.5
	3H	22.8	24.2	23.2	24.5	24.9	20.9	22.3	21.2	22.6	22.9
	4H	23.3	24.6	23.7	25.0	25.4	21.5	22.8	21.9	23.1	23.5
	6H	23.8	25.0	24.2	25.3	25.7	22.0	23.2	22.4	23.5	23.9
	8H	23.9	25.0	24.3	25.4	25.8	22.1	23.3	22.5	23.7	24.1
	12H	24.0	25.1	24.4	25.4	25.9	22.2	23.3	22.7	23.7	24.2
4H	2H	21.6	22.8	21.9	23.2	23.6	20.0	21.3	20.4	21.6	22.0
	3H	23.3	24.4	23.8	24.8	25.2	21.8	22.8	22.2	23.2	23.6
	4H	24.0	25.0	24.5	25.4	25.9	22.5	23.5	22.9	23.9	24.3
	6H	24.6	25.4	25.0	25.9	26.3	23.1	23.9	23.5	24.4	24.8
	8H	24.8	25.6	25.2	26.0	26.5	23.3	24.1	23.8	24.5	25.0
	12H	24.9	25.6	25.4	26.1	26.5	23.5	24.2	23.9	24.7	25.1
8H	4H	24.2	25.0	24.7	25.5	25.9	22.8	23.6	23.3	24.0	24.5
	6H	24.9	25.5	25.4	26.0	26.5	23.5	24.2	24.0	24.7	25.2
	8H	25.1	25.7	25.6	26.2	26.7	23.8	24.4	24.3	24.9	25.4
	12H	25.3	25.8	25.8	26.3	26.9	24.1	24.6	24.6	25.1	25.7
12H	4H	24.2	24.9	24.7	25.4	25.9	22.8	23.6	23.3	24.0	24.5
	6H	24.9	25.5	25.4	26.0	26.5	23.6	24.2	24.1	24.7	25.2
	8H	25.2	25.7	25.7	26.2	26.8	23.9	24.5	24.4	25.0	25.5

Maximum UGR = 26.9

POLAR GRAPH



Maximum Candela = 2958.996 Located At Horizontal Angle = 0, Vertical Angle = .5

1 - Vertical Plane Through Horizontal Angles (90 - 270)

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