



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L8-835-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] GEN FROM 14853501.01  
[TESTLAB] UL Verification Services Inc.  
[ISSUEDATE] 2023-07-25  
[TESTDATE] 6/19/2023  
[MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
[LUMCAT] LRX2-8-L8-835-DMA-DIM-UNV  
[LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE  
[MORE] W/DIFFUSED MATTE ACRYLIC LENS  
[LAMP] LED  
[BALLAST] 0-10V DIMMING DRIVER  
[ \_SEARCH\_SOURCETYPE] LED  
[ \_SEARCH\_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE  
[ \_SEARCH\_MOUNTING] RECESSED

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6400
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	55.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18687	16119	14703
55	16658	14165	12967
65	14685	12486	11494
75	12112	10630	9907
85	9137	8525	8214

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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	2835.530	2835.530	2835.530	2835.530	2835.530
0.5	2885.521	2837.855	2821.579	2828.555	2814.604
1.0	2885.521	2836.693	2821.579	2828.555	2813.441
1.5	2884.359	2836.693	2820.417	2827.392	2812.279
2.0	2883.196	2834.368	2818.092	2826.230	2808.791
2.5	2882.033	2832.043	2816.929	2822.742	2806.466
3.0	2879.708	2829.717	2813.441	2820.417	2801.816
3.5	2877.383	2827.392	2809.954	2815.766	2797.165
4.0	2875.058	2825.067	2806.466	2812.279	2793.677
4.5	2872.733	2821.579	2802.978	2807.628	2787.865
5.0	2870.408	2818.092	2797.165	2801.816	2782.052
5.5	2865.757	2813.441	2792.515	2794.840	2773.914
6.0	2862.270	2808.791	2786.702	2789.027	2766.938
6.5	2858.782	2805.303	2780.889	2780.889	2758.800
7.0	2854.132	2799.490	2775.076	2772.751	2750.662
7.5	2849.481	2794.840	2768.101	2764.613	2741.361
8.0	2844.831	2787.865	2761.125	2755.312	2733.223
8.5	2839.018	2782.052	2752.987	2746.012	2722.760
9.0	2833.205	2776.239	2744.849	2735.549	2712.297
9.5	2827.392	2769.263	2735.549	2723.923	2700.671
10.0	2821.579	2762.288	2726.248	2713.460	2690.208
10.5	2814.604	2755.312	2716.947	2701.834	2676.257
11.0	2807.628	2747.174	2706.484	2690.208	2663.469
11.5	2799.490	2739.036	2696.021	2677.420	2650.680
12.0	2791.352	2729.736	2684.395	2664.631	2636.729
12.5	2784.377	2720.435	2672.769	2650.680	2621.616
13.0	2775.076	2711.134	2661.143	2636.729	2607.665
13.5	2765.776	2700.671	2648.355	2621.616	2592.551
14.0	2757.638	2690.208	2636.729	2607.665	2577.438
14.5	2747.174	2679.745	2622.778	2592.551	2561.162
15.0	2737.874	2669.282	2609.990	2576.275	2546.048
15.5	2727.410	2657.656	2594.876	2559.999	2528.609
16.0	2719.272	2647.193	2580.926	2543.723	2511.171
16.5	2711.134	2635.567	2565.812	2526.284	2493.732
17.0	2700.671	2623.941	2550.698	2508.846	2476.293
17.5	2685.558	2612.315	2535.585	2491.407	2457.692
18.0	2671.607	2601.852	2520.471	2472.806	2437.928
18.5	2657.656	2587.901	2504.195	2454.204	2418.164
19.0	2646.030	2572.787	2487.919	2434.441	2398.401
19.5	2633.242	2557.674	2471.643	2414.677	2377.474
20.0	2620.453	2542.560	2454.204	2396.075	2355.385
20.5	2606.502	2527.447	2437.928	2376.312	2334.459
21.0	2592.551	2513.496	2420.490	2355.385	2312.370
21.5	2578.600	2498.382	2403.051	2335.621	2291.443
22.0	2563.487	2482.106	2384.450	2314.695	2269.354
22.5	2549.536	2466.993	2367.011	2292.606	2248.428
23.0	2533.260	2450.717	2350.735	2271.679	2227.501
23.5	2518.146	2433.278	2332.134	2250.753	2205.412
24.0	2501.870	2417.002	2311.207	2229.827	2184.486
24.5	2485.594	2399.563	2291.443	2208.900	2162.397
25.0	2469.318	2383.287	2270.517	2186.811	2140.308
25.5	2453.042	2364.686	2250.753	2165.885	2118.219
26.0	2435.603	2347.247	2229.827	2143.796	2097.293
26.5	2419.327	2328.646	2210.063	2122.869	2076.366

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**CANDELA TABULATION - (Cont.)**

27.0	2400.726	2311.207	2189.136	2101.943	2054.277
27.5	2383.287	2291.443	2169.373	2081.017	2031.026
28.0	2365.848	2272.842	2148.446	2060.090	2010.099
28.5	2348.410	2254.241	2127.520	2038.001	1989.173
29.0	2329.808	2234.477	2107.756	2015.912	1968.246
29.5	2310.045	2214.713	2086.829	1993.823	1947.320
30.0	2291.443	2194.949	2065.903	1972.897	1925.231
30.5	2271.679	2176.348	2046.139	1951.970	1903.142
31.0	2251.916	2156.584	2025.213	1929.881	1881.053
31.5	2230.989	2135.658	2003.124	1907.792	1860.126
32.0	2211.225	2115.894	1982.197	1885.703	1838.037
32.5	2190.299	2094.967	1961.271	1863.614	1815.948
33.0	2170.535	2074.041	1939.182	1841.525	1793.859
33.5	2149.609	2053.115	1918.255	1820.599	1771.770
34.0	2128.682	2032.188	1897.329	1798.510	1749.681
34.5	2108.918	2010.099	1874.077	1776.421	1727.592
35.0	2087.992	1989.173	1853.151	1753.169	1705.503
35.5	2067.066	1967.084	1831.062	1731.080	1684.577
36.0	2044.977	1946.157	1810.136	1710.154	1662.488
36.5	2024.050	1924.068	1788.047	1688.065	1641.562
37.0	2003.124	1901.979	1765.958	1664.813	1619.473
37.5	1981.035	1879.890	1743.869	1643.887	1599.709
38.0	1960.108	1857.801	1721.780	1621.798	1577.620
38.5	1938.019	1835.712	1700.853	1600.871	1556.693
39.0	1915.930	1813.623	1677.602	1578.782	1535.767
39.5	1893.841	1791.534	1655.513	1557.856	1514.841
40.0	1870.590	1769.445	1633.424	1535.767	1493.914
40.5	1847.338	1747.356	1611.335	1516.003	1474.150
41.0	1825.249	1725.267	1589.246	1495.077	1452.061
41.5	1801.998	1702.016	1567.157	1474.150	1431.135
42.0	1778.746	1679.927	1546.230	1452.061	1411.371
42.5	1756.657	1656.675	1524.141	1431.135	1390.445
43.0	1733.405	1634.586	1503.215	1411.371	1370.681
43.5	1710.154	1611.335	1479.963	1391.607	1350.917
44.0	1686.902	1589.246	1459.037	1370.681	1331.153
44.5	1663.651	1567.157	1436.948	1349.754	1311.389
45.0	1641.562	1543.905	1416.021	1329.990	1291.625
45.5	1618.310	1521.816	1395.095	1310.227	1271.861
46.0	1595.058	1499.727	1374.168	1290.463	1253.260
46.5	1572.969	1476.475	1352.079	1270.699	1233.496
47.0	1549.718	1454.386	1331.153	1250.935	1214.895
47.5	1527.629	1432.297	1311.389	1230.009	1196.294
48.0	1504.377	1410.208	1290.463	1211.407	1176.530
48.5	1481.126	1388.119	1270.699	1191.644	1158.626
49.0	1459.037	1364.868	1248.610	1173.042	1139.909
49.5	1435.785	1342.779	1228.846	1153.162	1121.191
50.0	1413.696	1321.852	1207.920	1133.747	1102.474
50.5	1390.445	1299.763	1188.156	1115.378	1084.686
51.0	1368.356	1277.674	1167.229	1097.358	1067.015
51.5	1345.104	1255.585	1147.582	1078.990	1047.716
52.0	1323.015	1234.659	1127.120	1060.040	1029.580
52.5	1299.763	1212.570	1106.892	1041.090	1012.141
53.0	1277.674	1191.644	1086.895	1022.372	993.540
53.5	1254.423	1170.717	1067.829	1004.817	976.683
54.0	1232.334	1148.744	1048.530	987.495	958.895
54.5	1210.245	1127.237	1028.882	969.707	941.457

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**CANDELA TABULATION - (Cont.)**

55.0	1186.993	1106.194	1009.351	951.338	924.018
55.5	1164.904	1085.384	990.401	932.737	906.230
56.0	1142.699	1064.690	971.916	914.833	889.373
56.5	1120.959	1044.229	953.082	897.976	872.632
57.0	1099.102	1023.535	934.481	881.351	856.588
57.5	1077.711	1003.306	916.461	863.796	839.963
58.0	1056.436	983.426	898.092	845.893	822.873
58.5	1035.858	963.546	879.375	828.338	806.249
59.0	1014.815	944.247	860.774	811.364	790.670
59.5	994.121	924.948	842.637	794.739	774.626
60.0	973.311	905.882	825.199	778.579	758.118
60.5	953.082	886.815	807.992	762.303	741.958
61.0	932.970	867.633	790.554	745.678	726.379
61.5	912.741	848.450	772.418	728.937	710.336
62.0	892.512	829.849	754.746	712.428	694.292
62.5	872.399	811.480	738.005	696.501	678.714
63.0	852.170	792.763	721.962	680.923	663.484
63.5	831.825	774.161	705.918	666.274	648.254
64.0	811.596	755.444	689.409	651.626	633.024
64.5	791.368	736.843	672.319	635.814	618.143
65.0	771.022	718.474	655.578	619.306	603.495
65.5	750.794	699.989	639.767	604.425	589.079
66.0	730.681	681.504	624.305	591.055	575.244
66.5	710.452	663.135	608.610	577.337	561.177
67.0	690.339	644.999	592.218	562.456	546.761
67.5	670.343	626.979	575.709	546.412	532.112
68.0	650.347	608.726	559.201	529.904	517.115
68.5	630.583	590.590	542.808	514.557	502.234
69.0	611.052	572.454	527.230	500.258	487.818
69.5	591.520	554.783	511.884	486.074	473.286
70.0	572.105	537.112	495.607	470.496	457.940
70.5	553.039	519.324	478.983	453.755	442.710
71.0	533.856	501.537	462.590	437.711	427.713
71.5	515.023	483.982	446.547	423.295	413.181
72.0	496.305	467.008	431.201	409.925	399.113
72.5	477.820	450.267	416.436	396.091	385.627
73.0	459.684	433.642	401.439	381.326	371.909
73.5	441.664	416.901	385.976	366.561	357.726
74.0	423.993	400.392	370.514	352.378	344.240
74.5	406.554	384.232	355.865	339.008	331.568
75.0	389.464	368.538	341.798	325.871	318.547
75.5	372.607	352.959	327.964	312.618	305.177
76.0	355.982	337.497	313.780	299.480	292.505
76.5	339.589	321.918	299.713	285.994	280.065
77.0	323.313	306.688	285.529	272.741	267.161
77.5	307.386	291.691	272.043	259.720	254.024
78.0	291.459	276.810	258.906	247.048	241.584
78.5	275.764	262.162	245.769	234.492	229.726
79.0	260.534	247.862	232.632	222.169	217.984
79.5	245.420	233.795	219.727	210.078	206.358
80.0	230.656	219.960	207.172	197.987	194.616
80.5	216.007	206.358	194.732	186.013	182.641
81.0	201.824	192.988	182.176	174.271	170.899
81.5	187.989	179.967	170.085	162.877	159.738
82.0	174.387	167.411	158.576	151.949	149.043
82.5	161.133	155.088	147.183	141.370	138.696

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**CANDELA TABULATION - (Cont.)**

83.0	148.113	142.881	136.022	130.674	128.581
83.5	135.324	130.790	124.745	120.094	118.467
84.0	122.885	119.164	113.468	109.631	108.120
84.5	110.794	107.771	102.539	99.401	98.122
85.0	98.935	96.610	92.309	89.519	88.937
85.5	87.310	85.566	82.311	80.218	80.334
86.0	76.033	74.638	72.545	71.615	71.615
86.5	65.104	64.174	62.779	62.547	62.779
87.0	54.409	54.060	53.246	53.246	53.595
87.5	44.178	43.829	43.945	44.527	44.759
88.0	34.296	34.529	35.575	36.389	36.737
88.5	25.112	25.926	27.902	28.134	28.367
89.0	16.974	18.252	19.415	17.555	17.439
89.5	11.742	12.091	9.068	8.603	9.533
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 : LRX2-8-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 : LRX2-8-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 : LRX2-8-L8-835-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1003.99	N.A.	15.70
0-30	2055.46	N.A.	32.10
0-40	3226.09	N.A.	50.40
0-60	5260.06	N.A.	82.20
0-80	6294.24	N.A.	98.30
0-90	6400.17	N.A.	100.00
10-90	6134.16	N.A.	95.80
20-40	2222.1	N.A.	34.70
20-50	3332.94	N.A.	52.10
40-70	2698.56	N.A.	42.20
60-80	1034.18	N.A.	16.20
70-80	369.60	N.A.	5.80
80-90	105.93	N.A.	1.70
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	6400.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	266.02
10-20	737.97
20-30	1051.47
30-40	1170.63
40-50	1110.84
50-60	923.13
60-70	664.58
70-80	369.60
80-90	105.93
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 : LRX2-8-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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-8-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

X=2H	Y=2H	21.6	23.2	22.0	23.5	23.8	20.5	22.0	20.8	22.3	22.6
	3H	23.3	24.7	23.7	25.1	25.4	22.1	23.5	22.5	23.9	24.2
	4H	23.9	25.3	24.3	25.6	26.0	22.7	24.1	23.1	24.4	24.8
	6H	24.4	25.6	24.8	26.0	26.4	23.2	24.4	23.6	24.8	25.2
	8H	24.5	25.7	25.0	26.1	26.5	23.3	24.5	23.8	24.9	25.3
	12H	24.6	25.8	25.1	26.1	26.6	23.4	24.6	23.9	25.0	25.4

UGR Viewed Endwise

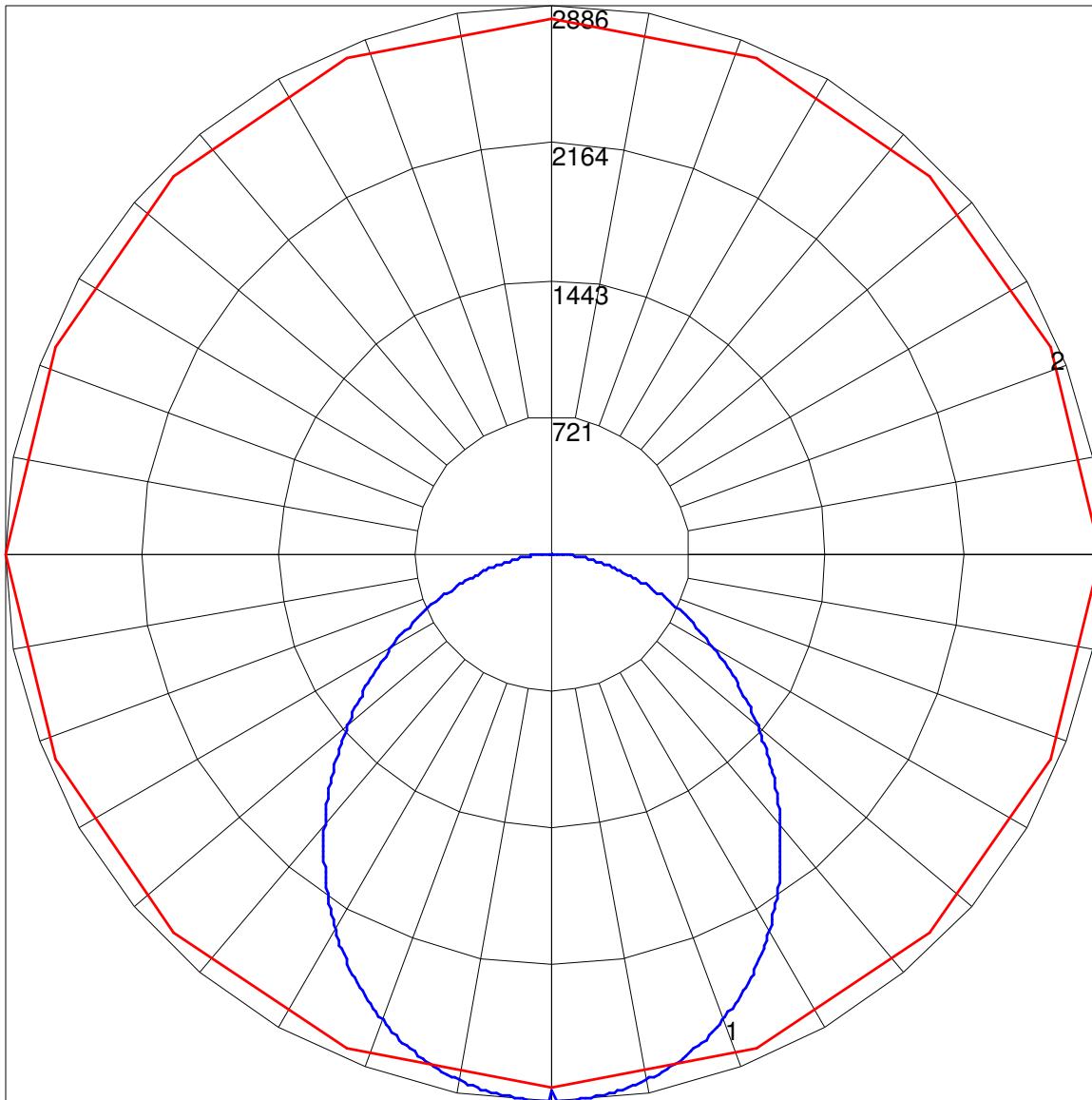
4H	2H	22.1	23.4	22.5	23.7	24.1	21.1	22.4	21.5	22.8	23.2
	3H	24.0	25.1	24.4	25.5	25.9	23.0	24.1	23.4	24.5	24.9
	4H	24.8	25.8	25.2	26.2	26.6	23.7	24.7	24.2	25.2	25.6
	6H	25.3	26.2	25.8	26.7	27.1	24.3	25.2	24.8	25.6	26.1
	8H	25.5	26.3	26.0	26.8	27.3	24.5	25.3	25.0	25.8	26.2
	12H	25.7	26.4	26.2	26.9	27.4	24.7	25.4	25.2	25.9	26.3

8H	4H	25.0	25.8	25.4	26.2	26.7	24.1	24.9	24.5	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.8	25.4	25.3	25.9	26.4
	8H	25.9	26.5	26.4	27.0	27.5	25.0	25.6	25.5	26.2	26.6
	12H	26.2	26.7	26.7	27.2	27.7	25.3	25.8	25.8	26.3	26.9

12H	4H	25.0	25.7	25.5	26.2	26.7	24.1	24.8	24.6	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.8	25.5	25.4	25.9	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.2	25.7	25.7	26.2	26.8

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 2885.521 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.)