



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L8-850-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] GEN FROM 14853501.01  
[TESTLAB] UL Verification Services Inc.  
[ISSUE DATE] 2023-07-25  
[TEST DATE] 6/19/2023  
[MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
[LUMCAT] LRX2-8-L8-850-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\_SOURCE TYPE] 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	6784
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
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	19808	17086	15585
55	17657	15015	13745
65	15566	13235	12184
75	12839	11268	10501
85	9685	9037	8707

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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	3005.663	3005.663	3005.663	3005.663	3005.663
0.5	3058.653	3008.127	2990.875	2998.269	2983.481
1.0	3058.653	3006.895	2990.875	2998.269	2982.248
1.5	3057.421	3006.895	2989.642	2997.036	2981.016
2.0	3056.188	3004.430	2987.178	2995.804	2977.319
2.5	3054.956	3001.966	2985.945	2992.107	2974.854
3.0	3052.491	2999.501	2982.248	2989.642	2969.925
3.5	3050.027	2997.036	2978.551	2984.713	2964.996
4.0	3047.562	2994.572	2974.854	2981.016	2961.299
4.5	3045.097	2990.875	2971.157	2976.087	2955.137
5.0	3042.633	2987.178	2964.996	2969.925	2948.975
5.5	3037.703	2982.248	2960.066	2962.531	2940.349
6.0	3034.006	2977.319	2953.905	2956.369	2932.955
6.5	3030.309	2973.622	2947.743	2947.743	2924.329
7.0	3025.380	2967.460	2941.581	2939.117	2915.702
7.5	3020.451	2962.531	2934.187	2930.490	2905.844
8.0	3015.521	2955.137	2926.793	2920.632	2897.217
8.5	3009.360	2948.975	2918.167	2910.773	2886.126
9.0	3003.198	2942.814	2909.541	2899.682	2875.035
9.5	2997.036	2935.420	2899.682	2887.359	2862.712
10.0	2990.875	2928.026	2889.823	2876.268	2851.621
10.5	2983.481	2920.632	2879.965	2863.944	2836.833
11.0	2976.087	2912.005	2868.874	2851.621	2823.277
11.5	2967.460	2903.379	2857.783	2838.065	2809.722
12.0	2958.834	2893.520	2845.459	2824.510	2794.934
12.5	2951.440	2883.662	2833.136	2809.722	2778.913
13.0	2941.581	2873.803	2820.813	2794.934	2764.125
13.5	2931.723	2862.712	2807.257	2778.913	2748.105
14.0	2923.096	2851.621	2794.934	2764.125	2732.085
14.5	2912.005	2840.530	2780.146	2748.105	2714.832
15.0	2902.147	2829.439	2766.590	2730.852	2698.811
15.5	2891.056	2817.116	2750.570	2713.600	2680.326
16.0	2882.429	2806.025	2735.782	2696.347	2661.841
16.5	2873.803	2793.701	2719.761	2677.862	2643.356
17.0	2862.712	2781.378	2703.741	2659.377	2624.871
17.5	2846.692	2769.055	2687.720	2640.892	2605.154
18.0	2831.904	2757.964	2671.700	2621.174	2584.204
18.5	2817.116	2743.176	2654.447	2601.457	2563.255
19.0	2804.792	2727.155	2637.195	2580.507	2542.305
19.5	2791.237	2711.135	2619.942	2559.558	2520.123
20.0	2777.681	2695.114	2601.457	2539.840	2496.709
20.5	2762.893	2679.094	2584.204	2518.891	2474.527
21.0	2748.105	2664.306	2565.719	2496.709	2451.112
21.5	2733.317	2648.286	2547.234	2475.759	2428.930
22.0	2717.297	2631.033	2527.517	2453.577	2405.516
22.5	2702.509	2615.013	2509.032	2430.163	2383.334
23.0	2685.256	2597.760	2491.779	2407.981	2361.152
23.5	2669.235	2579.275	2472.062	2385.799	2337.738
24.0	2651.983	2562.022	2449.880	2363.617	2315.556
24.5	2634.730	2543.537	2428.930	2341.435	2292.141
25.0	2617.477	2526.285	2406.748	2318.020	2268.727
25.5	2600.225	2506.567	2385.799	2295.838	2245.313
26.0	2581.740	2488.082	2363.617	2272.424	2223.131
26.5	2564.487	2468.365	2342.667	2250.242	2200.949

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**CANDELA TABULATION - (Cont.)**

27.0	2544.770	2449.880	2320.485	2228.060	2177.534
27.5	2526.285	2428.930	2299.535	2205.878	2152.888
28.0	2507.800	2409.213	2277.353	2183.696	2130.706
28.5	2489.315	2389.496	2255.171	2160.282	2108.524
29.0	2469.597	2368.546	2234.222	2136.867	2086.341
29.5	2448.648	2347.596	2212.040	2113.453	2064.159
30.0	2428.930	2326.647	2189.858	2091.271	2040.745
30.5	2407.981	2306.929	2168.908	2069.089	2017.331
31.0	2387.031	2285.980	2146.726	2045.674	1993.916
31.5	2364.849	2263.798	2123.312	2022.260	1971.734
32.0	2343.899	2242.848	2101.130	1998.846	1948.320
32.5	2321.717	2220.666	2078.947	1975.431	1924.906
33.0	2300.768	2198.484	2055.533	1952.017	1901.491
33.5	2278.586	2176.302	2033.351	1929.835	1878.077
34.0	2256.404	2154.120	2011.169	1906.421	1854.663
34.5	2235.454	2130.706	1986.522	1883.006	1831.248
35.0	2213.272	2108.524	1964.340	1858.360	1807.834
35.5	2191.090	2085.109	1940.926	1834.945	1785.652
36.0	2167.676	2062.927	1918.744	1812.763	1762.238
36.5	2145.494	2039.513	1895.330	1789.349	1740.056
37.0	2123.312	2016.098	1871.915	1764.702	1716.641
37.5	2099.897	1992.684	1848.501	1742.520	1695.692
38.0	2077.715	1969.270	1825.087	1719.106	1672.277
38.5	2054.301	1945.855	1802.905	1696.924	1650.095
39.0	2030.886	1922.441	1778.258	1673.510	1627.913
39.5	2007.472	1899.027	1754.844	1651.328	1605.731
40.0	1982.825	1875.612	1731.429	1627.913	1583.549
40.5	1958.179	1852.198	1708.015	1606.964	1562.600
41.0	1934.764	1828.784	1684.601	1584.782	1539.185
41.5	1910.118	1804.137	1661.186	1562.600	1517.003
42.0	1885.471	1780.723	1639.004	1539.185	1496.053
42.5	1862.057	1756.076	1615.590	1517.003	1473.871
43.0	1837.410	1732.662	1593.408	1496.053	1452.922
43.5	1812.763	1708.015	1568.761	1475.104	1431.972
44.0	1788.117	1684.601	1546.579	1452.922	1411.022
44.5	1763.470	1661.186	1523.165	1430.740	1390.073
45.0	1740.056	1636.540	1500.983	1409.790	1369.123
45.5	1715.409	1613.125	1478.801	1388.840	1348.173
46.0	1690.762	1589.711	1456.619	1367.891	1328.456
46.5	1667.348	1565.064	1433.204	1346.941	1307.506
47.0	1642.701	1541.650	1411.022	1325.991	1287.789
47.5	1619.287	1518.236	1390.073	1303.809	1268.072
48.0	1594.640	1494.821	1367.891	1284.092	1247.122
48.5	1569.994	1471.407	1346.941	1263.142	1228.144
49.0	1546.579	1446.760	1323.527	1243.425	1208.304
49.5	1521.933	1423.346	1302.577	1222.352	1188.463
50.0	1498.518	1401.164	1280.395	1201.772	1168.622
50.5	1473.871	1377.749	1259.445	1182.301	1149.768
51.0	1450.457	1354.335	1237.263	1163.200	1131.036
51.5	1425.810	1330.921	1216.437	1143.729	1110.579
52.0	1402.396	1308.739	1194.748	1123.642	1091.355
52.5	1377.749	1285.324	1173.305	1103.555	1072.870
53.0	1354.335	1263.142	1152.109	1083.715	1053.153
53.5	1329.688	1240.960	1131.899	1065.106	1035.284
54.0	1306.274	1217.669	1111.442	1046.745	1016.429
54.5	1282.860	1194.871	1090.616	1027.890	997.944

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**CANDELA TABULATION - (Cont.)**

55.0	1258.213	1172.566	1069.912	1008.419	979.459
55.5	1234.799	1150.507	1049.825	988.702	960.604
56.0	1211.261	1128.571	1030.231	969.724	942.736
56.5	1188.216	1106.882	1010.267	951.855	924.990
57.0	1165.049	1084.947	990.550	934.232	907.984
57.5	1142.374	1063.504	971.449	915.624	890.361
58.0	1119.822	1042.431	951.978	896.646	872.246
58.5	1098.010	1021.358	932.137	878.038	854.624
59.0	1075.704	1000.902	912.420	860.046	838.110
59.5	1053.769	980.445	893.196	842.424	821.104
60.0	1031.710	960.235	874.711	825.294	803.605
60.5	1010.267	940.024	856.472	808.041	786.476
61.0	988.948	919.691	837.987	790.419	769.962
61.5	967.505	899.357	818.763	772.673	752.956
62.0	946.063	879.640	800.031	755.174	735.950
62.5	924.743	860.169	782.286	738.291	719.437
63.0	903.301	840.329	765.279	721.778	703.293
63.5	881.735	820.611	748.273	706.251	687.149
64.0	860.292	800.771	730.774	690.723	671.006
64.5	838.850	781.053	712.659	673.963	655.232
65.0	817.284	761.582	694.913	656.464	639.705
65.5	795.841	741.988	678.153	640.690	624.424
66.0	774.522	722.394	661.763	626.519	609.759
66.5	753.079	702.923	645.127	611.977	594.848
67.0	731.760	683.699	627.751	596.203	579.567
67.5	710.564	664.598	610.252	579.197	564.039
68.0	689.368	645.250	592.753	561.698	548.142
68.5	668.418	626.026	575.377	545.431	532.368
69.0	647.715	606.801	558.863	530.273	517.087
69.5	627.012	588.070	542.597	515.239	501.683
70.0	606.432	569.338	525.344	498.726	485.416
70.5	586.221	550.484	507.722	480.980	469.273
71.0	565.888	531.629	490.346	463.974	453.376
71.5	545.924	513.021	473.339	448.693	437.972
72.0	526.083	495.029	457.073	434.521	423.060
72.5	506.489	477.283	441.422	419.856	408.765
73.0	487.265	459.661	425.525	404.206	394.224
73.5	468.164	441.915	409.135	388.555	379.189
74.0	449.432	424.416	392.745	373.520	364.894
74.5	430.947	407.286	377.217	359.349	351.462
75.0	412.832	390.650	362.306	345.423	337.660
75.5	394.963	374.137	347.641	331.375	323.488
76.0	377.341	357.747	332.607	317.449	310.055
76.5	359.965	341.233	317.696	303.154	296.869
77.0	342.712	325.090	302.661	289.106	283.190
77.5	325.829	309.193	288.366	275.303	269.265
78.0	308.946	293.419	274.441	261.871	256.079
78.5	292.310	277.891	260.515	248.562	243.509
79.0	276.166	262.734	246.590	235.499	231.063
79.5	260.146	247.822	232.911	222.683	218.739
80.0	244.495	233.158	219.602	209.866	206.293
80.5	228.968	218.739	206.416	197.173	193.600
81.0	213.933	204.567	193.107	184.727	181.153
81.5	199.268	190.765	180.290	172.650	169.323
82.0	184.850	177.456	168.090	161.066	157.985
82.5	170.801	164.393	156.013	149.852	147.017

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**CANDELA TABULATION - (Cont.)**

83.0	156.999	151.454	144.183	138.514	136.296
83.5	143.444	138.638	132.229	127.300	125.575
84.0	130.258	126.314	120.276	116.209	114.607
84.5	117.441	114.237	108.692	105.365	104.009
85.0	104.872	102.407	97.847	94.890	94.274
85.5	92.548	90.700	87.249	85.031	85.154
86.0	80.595	79.116	76.898	75.912	75.912
86.5	69.011	68.025	66.546	66.300	66.546
87.0	57.673	57.304	56.441	56.441	56.811
87.5	46.829	46.459	46.582	47.198	47.445
88.0	36.354	36.600	37.709	38.572	38.942
88.5	26.618	27.481	29.576	29.822	30.069
89.0	17.992	19.348	20.580	18.608	18.485
89.5	12.447	12.816	9.612	9.119	10.105
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-L8-850-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 : LRX2-8-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 : LRX2-8-L8-850-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1064.23	N.A.	15.70
0-30	2178.79	N.A.	32.10
0-40	3419.65	N.A.	50.40
0-60	5575.67	N.A.	82.20
0-80	6671.9	N.A.	98.30
0-90	6784.19	N.A.	100.00
10-90	6502.21	N.A.	95.80
20-40	2355.42	N.A.	34.70
20-50	3532.92	N.A.	52.10
40-70	2860.47	N.A.	42.20
60-80	1096.23	N.A.	16.20
70-80	391.77	N.A.	5.80
80-90	112.29	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	6784.19	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	281.98
10-20	782.25
20-30	1114.56
30-40	1240.87
40-50	1177.5
50-60	978.52
60-70	704.46
70-80	391.77
80-90	112.29
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-L8-850-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	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-L8-850-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

X=2H	Y=2H	21.8	23.4	22.2	23.7	24.0	20.7	22.2	21.0	22.5	22.8
	3H	23.5	24.9	23.9	25.3	25.6	22.3	23.7	22.7	24.1	24.4
	4H	24.1	25.5	24.5	25.8	26.2	22.9	24.3	23.3	24.6	25.0
	6H	24.6	25.8	25.0	26.2	26.6	23.4	24.6	23.8	25.0	25.4
	8H	24.7	25.9	25.2	26.3	26.7	23.5	24.7	24.0	25.1	25.5
	12H	24.8	26.0	25.3	26.3	26.8	23.6	24.8	24.1	25.2	25.6

UGR Viewed Endwise

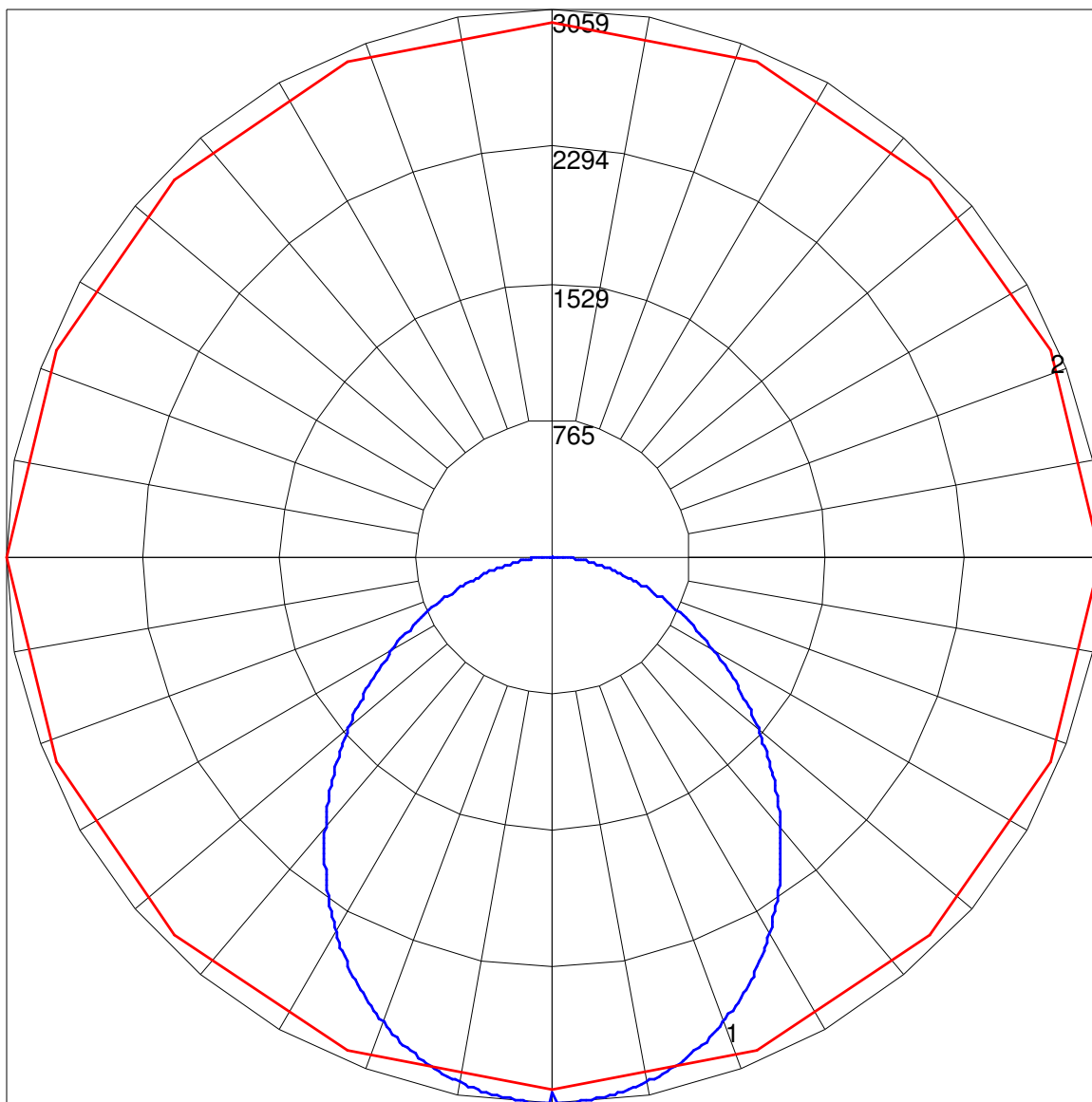
4H	2H	22.3	23.6	22.7	23.9	24.3	21.3	22.6	21.7	23.0	23.4
	3H	24.2	25.3	24.6	25.7	26.1	23.2	24.3	23.6	24.7	25.1
	4H	25.0	26.0	25.4	26.4	26.8	23.9	24.9	24.4	25.4	25.8
	6H	25.5	26.4	26.0	26.9	27.3	24.5	25.4	25.0	25.8	26.3
	8H	25.7	26.5	26.2	27.0	27.5	24.7	25.5	25.2	26.0	26.4
	12H	25.9	26.6	26.4	27.1	27.5	24.9	25.6	25.4	26.1	26.5

8H	4H	25.2	26.0	25.6	26.4	26.9	24.3	25.1	24.7	25.5	26.0
	6H	25.9	26.5	26.4	27.0	27.5	25.0	25.6	25.5	26.1	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.2	25.8	25.7	26.4	26.8
	12H	26.4	26.9	26.9	27.4	27.9	25.5	26.0	26.0	26.5	27.1

12H	4H	25.2	25.9	25.7	26.4	26.9	24.3	25.0	24.8	25.5	26.0
	6H	25.9	26.5	26.4	27.0	27.5	25.0	25.7	25.6	26.1	26.7
	8H	26.2	26.8	26.7	27.3	27.8	25.4	25.9	25.9	26.4	27.0

Maximum UGR = 27.9

POLAR GRAPH



Maximum Candela = 3058.653 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.)