



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX3-8-L8-835-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.01

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 1 SEP, 2021

[MANUFAC] WILLIAMS INDOOR

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

[LUMCAT] LRX3-8-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\_SOURCE] 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	6434
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	55.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.02
Spacing Criterion (Diagonal)	1.18
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	7.94 ft
Luminous Width (90-270)	0.27 ft
Luminous Height	0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12528	9824	8460
55	10759	8193	7174
65	8962	6928	6203
75	7036	5730	5300
85	5039	4559	4492

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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	3053.849	3053.849	3053.849	3053.849	3053.849
0.5	3097.356	3055.522	3040.462	3052.176	3040.462
1.0	3097.356	3055.522	3038.789	3052.176	3038.789
1.5	3097.356	3053.849	3037.116	3050.502	3038.789
2.0	3095.683	3052.176	3037.116	3048.829	3035.442
2.5	3094.009	3050.502	3033.769	3045.482	3033.769
3.0	3092.336	3048.829	3032.096	3043.809	3030.422
3.5	3090.663	3047.156	3028.749	3040.462	3025.402
4.0	3087.316	3043.809	3025.402	3035.442	3020.382
4.5	3085.643	3040.462	3020.382	3030.422	3015.362
5.0	3082.296	3037.116	3017.036	3025.402	3008.669
5.5	3078.949	3033.769	3012.016	3018.709	3001.976
6.0	3075.603	3028.749	3005.322	3012.016	2995.282
6.5	3072.256	3023.729	3000.302	3003.649	2986.915
7.0	3067.236	3020.382	2993.609	2995.282	2978.549
7.5	3063.889	3013.689	2986.915	2986.915	2968.509
8.0	3058.869	3008.669	2978.549	2976.875	2958.469
8.5	3053.849	3003.649	2971.855	2966.835	2948.429
9.0	3048.829	2996.956	2961.815	2955.122	2936.715
9.5	3043.809	2990.262	2953.449	2943.409	2925.002
10.0	3037.116	2983.569	2943.409	2931.695	2911.615
10.5	3030.422	2975.202	2933.369	2919.982	2898.228
11.0	3023.729	2968.509	2923.328	2904.922	2883.168
11.5	3017.036	2960.142	2911.615	2891.535	2868.108
12.0	3008.669	2950.102	2899.902	2876.475	2851.375
12.5	3000.302	2941.735	2888.188	2861.415	2836.315
13.0	2993.609	2931.695	2874.802	2846.355	2819.581
13.5	2985.242	2923.328	2861.415	2829.621	2801.174
14.0	2975.202	2911.615	2848.028	2812.888	2782.768
14.5	2965.162	2901.575	2834.641	2794.481	2764.361
15.0	2956.795	2891.535	2819.581	2776.074	2744.281
15.5	2946.755	2879.822	2804.521	2757.668	2724.201
16.0	2935.042	2868.108	2787.788	2737.587	2704.121
16.5	2925.002	2854.721	2772.728	2717.507	2682.367
17.0	2913.288	2843.008	2755.994	2697.427	2660.614
17.5	2901.575	2829.621	2739.261	2675.674	2638.860
18.0	2891.535	2817.908	2720.854	2653.920	2613.760
18.5	2879.822	2802.848	2702.447	2630.494	2590.333
19.0	2868.108	2789.461	2684.041	2607.067	2565.233
19.5	2854.721	2774.401	2665.634	2583.640	2538.460
20.0	2841.335	2759.341	2645.554	2558.540	2511.686
20.5	2827.948	2744.281	2625.474	2533.440	2484.913
21.0	2814.561	2729.221	2603.720	2506.666	2458.139
21.5	2799.501	2712.487	2583.640	2481.566	2429.693
22.0	2786.114	2695.754	2563.560	2454.793	2402.919
22.5	2771.054	2679.021	2540.133	2426.346	2374.472
23.0	2755.994	2662.287	2518.380	2399.572	2346.025
23.5	2739.261	2643.880	2494.953	2372.799	2319.252
24.0	2722.527	2625.474	2471.526	2346.025	2290.805
24.5	2705.794	2607.067	2449.773	2317.579	2262.358
25.0	2690.734	2588.660	2424.673	2290.805	2232.238
25.5	2672.327	2570.253	2401.246	2264.032	2203.791
26.0	2655.594	2550.173	2376.146	2235.585	2175.345
26.5	2637.187	2530.093	2352.719	2208.811	2146.898

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**CANDELA TABULATION - (Cont.)**

27.0	2618.780	2510.013	2327.619	2182.038	2118.451
27.5	2600.373	2488.260	2302.519	2153.591	2090.004
28.0	2581.967	2468.179	2277.418	2126.818	2061.557
28.5	2561.887	2446.426	2252.318	2098.371	2033.111
29.0	2543.480	2424.673	2227.218	2071.597	2006.337
29.5	2523.400	2402.919	2202.118	2043.151	1977.890
30.0	2503.320	2381.166	2177.018	2016.377	1949.443
30.5	2483.240	2359.412	2150.244	1987.930	1922.670
31.0	2463.159	2335.985	2125.144	1959.483	1894.223
31.5	2441.406	2312.559	2098.371	1932.710	1865.776
32.0	2419.653	2289.132	2071.597	1904.263	1839.003
32.5	2397.899	2265.705	2044.824	1877.490	1812.229
33.0	2374.472	2242.278	2018.050	1849.043	1785.456
33.5	2352.719	2217.178	1991.277	1822.269	1757.009
34.0	2329.292	2193.751	1964.503	1793.823	1730.236
34.5	2307.539	2168.651	1937.730	1765.376	1701.789
35.0	2284.112	2143.551	1909.283	1738.602	1675.015
35.5	2259.012	2118.451	1882.510	1711.829	1648.911
36.0	2235.585	2093.351	1855.736	1685.055	1622.472
36.5	2210.485	2066.577	1828.963	1657.947	1596.536
37.0	2187.058	2041.477	1802.189	1631.341	1570.599
37.5	2161.958	2016.377	1775.416	1605.404	1544.327
38.0	2136.858	1989.604	1748.642	1579.468	1519.060
38.5	2111.758	1964.503	1721.869	1554.033	1493.625
39.0	2086.657	1937.730	1696.769	1528.765	1469.027
39.5	2061.557	1910.957	1669.995	1503.665	1444.261
40.0	2034.784	1884.183	1643.724	1478.900	1420.500
40.5	2009.684	1857.410	1617.787	1454.302	1396.739
41.0	1982.910	1830.636	1592.018	1430.205	1373.479
41.5	1957.810	1803.863	1566.583	1406.277	1350.052
42.0	1931.037	1778.763	1540.981	1382.682	1327.295
42.5	1904.263	1751.989	1515.211	1359.088	1304.705
43.0	1879.163	1725.216	1489.609	1335.494	1282.449
43.5	1852.390	1698.442	1464.509	1312.569	1260.529
44.0	1825.616	1672.003	1439.241	1289.645	1238.775
44.5	1798.843	1645.732	1414.309	1267.055	1217.524
45.0	1772.069	1618.958	1389.543	1244.632	1196.607
45.5	1745.296	1592.687	1364.778	1222.711	1176.025
46.0	1718.522	1565.913	1340.514	1200.958	1155.443
46.5	1690.075	1539.475	1315.749	1179.539	1135.028
47.0	1663.302	1513.203	1291.987	1158.287	1114.780
47.5	1636.026	1486.932	1268.393	1137.371	1094.700
48.0	1609.086	1460.995	1244.966	1116.621	1074.788
48.5	1581.978	1434.556	1221.707	1096.206	1055.042
49.0	1554.200	1408.787	1198.782	1076.126	1035.799
49.5	1526.757	1382.515	1175.857	1056.381	1016.555
50.0	1499.147	1356.913	1153.100	1036.635	997.814
50.5	1472.039	1330.976	1130.845	1017.392	979.072
51.0	1444.596	1305.207	1108.589	998.148	960.833
51.5	1417.990	1279.437	1086.668	979.072	942.761
52.0	1391.551	1253.668	1064.915	960.331	924.856
52.5	1364.778	1228.400	1043.329	941.757	907.621
53.0	1339.008	1203.468	1022.077	923.350	890.218
53.5	1312.402	1178.869	1000.993	905.111	873.150
54.0	1286.298	1154.606	980.411	887.039	856.416
54.5	1260.194	1130.510	960.164	868.966	839.683

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**CANDELA TABULATION - (Cont.)**

55.0	1234.424	1106.748	940.084	851.396	823.117
55.5	1208.822	1082.987	920.171	833.826	806.718
56.0	1183.722	1059.727	900.425	816.591	790.487
56.5	1158.622	1036.635	881.015	799.523	774.423
57.0	1133.689	1014.045	861.938	782.789	758.526
57.5	1108.924	991.790	843.197	766.223	742.797
58.0	1083.991	969.869	824.790	749.657	727.234
58.5	1059.225	948.116	806.384	733.593	711.505
59.0	1034.460	926.362	788.311	717.529	696.110
59.5	1010.197	904.776	770.239	701.632	680.716
60.0	986.268	883.357	752.335	686.070	665.488
60.5	962.674	862.106	734.764	670.508	650.428
61.0	939.247	841.356	717.529	655.281	635.703
61.5	915.987	820.607	700.628	640.221	621.145
62.0	892.728	800.192	683.728	625.161	606.754
62.5	869.468	779.777	666.827	610.268	592.363
63.0	846.376	759.530	650.261	595.542	578.307
63.5	823.619	739.450	633.862	581.152	564.586
64.0	801.363	719.537	617.798	566.761	550.864
64.5	779.443	699.624	601.734	552.705	537.477
65.0	757.689	680.046	585.670	538.816	524.425
65.5	736.103	660.970	569.606	525.095	511.541
66.0	714.350	641.894	553.876	511.373	498.656
66.5	692.764	623.153	538.314	497.652	485.771
67.0	671.512	604.578	522.919	484.098	473.054
67.5	650.595	586.172	507.859	470.544	460.002
68.0	629.846	567.932	492.799	456.822	446.950
68.5	609.431	549.860	477.739	443.436	433.228
69.0	589.016	531.955	462.679	429.882	420.176
69.5	568.602	514.218	447.619	416.662	406.957
70.0	548.522	496.648	433.061	403.275	394.072
70.5	528.609	479.412	418.503	390.223	381.522
71.0	509.031	462.344	404.447	377.339	368.805
71.5	489.787	445.611	390.391	364.621	356.422
72.0	470.878	428.878	376.335	351.904	344.206
72.5	452.137	412.479	362.446	339.521	332.158
73.0	433.563	396.247	348.892	327.306	320.445
73.5	415.658	380.351	335.505	315.258	308.732
74.0	398.255	364.621	322.453	303.377	297.186
74.5	381.187	349.394	309.568	291.664	285.639
75.0	364.287	334.166	296.684	279.950	274.428
75.5	347.553	319.441	283.966	268.404	263.217
76.0	331.154	304.716	271.416	257.025	252.340
76.5	315.090	290.492	259.201	245.647	241.463
77.0	299.528	276.436	246.985	234.603	230.587
77.5	284.468	262.547	235.105	223.558	220.044
78.0	269.241	248.993	223.224	212.682	209.502
78.5	254.348	235.774	211.510	201.972	198.960
79.0	239.790	222.722	199.964	191.430	188.753
79.5	225.232	209.837	188.753	181.056	178.546
80.0	211.176	197.120	177.709	170.681	168.506
80.5	197.454	184.904	167.167	160.641	158.800
81.0	184.235	172.856	156.792	150.768	149.095
81.5	171.016	160.975	146.417	141.230	139.724
82.0	158.131	149.262	136.210	131.692	130.353
82.5	145.581	137.716	126.170	122.489	121.150

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**CANDELA TABULATION - (Cont.)**

83.0	133.365	126.672	116.297	113.285	112.281
83.5	121.485	115.795	106.759	104.417	103.413
84.0	110.106	105.086	97.556	95.548	94.878
84.5	99.062	94.711	88.352	86.846	86.512
85.0	87.850	84.504	79.484	78.312	78.312
85.5	77.141	74.464	70.615	70.113	70.448
86.0	66.766	64.591	61.914	62.081	62.416
86.5	56.894	55.220	53.380	54.216	54.886
87.0	47.523	46.352	45.348	46.686	47.690
87.5	38.320	37.650	37.483	39.324	40.662
88.0	29.451	29.283	29.953	32.296	33.467
88.5	20.917	21.586	22.590	23.761	23.427
89.0	13.052	14.056	14.391	15.729	16.566
89.5	6.024	8.032	9.371	11.546	12.885
90.0	2.008	4.016	5.020	6.191	6.861
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 : LRX3-8-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 : LRX3-8-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 : LRX3-8-L8-835-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1083.51	N.A.	16.80
0-30	2205.2	N.A.	34.30
0-40	3418.83	N.A.	53.10
0-60	5406.42	N.A.	84.00
0-80	6341.41	N.A.	98.60
0-90	6434.15	N.A.	100.00
10-90	6147.13	N.A.	95.50
20-40	2335.32	N.A.	36.30
20-50	3442.49	N.A.	53.50
40-70	2594.82	N.A.	40.30
60-80	934.99	N.A.	14.50
70-80	327.76	N.A.	5.10
80-90	92.74	N.A.	1.40
90-110	0.13	N.A.	0.00
90-120	0.13	N.A.	0.00
90-130	0.13	N.A.	0.00
90-150	0.13	N.A.	0.00
90-180	0.13	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6434.29	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	287.03
10-20	796.49
20-30	1121.69
30-40	1213.64
40-50	1107.17
50-60	880.41
60-70	607.23
70-80	327.76
80-90	92.74
90-100	0.13
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 : LRX3-8-L8-835-DMA-DIM-UNV\_.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	95	95	95	95	92	92	92	92	88	88	88	84	84	84	81	81	81	79
1	87	84	81	78	85	82	79	77	79	76	74	75	74	72	73	71	70	68
2	80	74	69	65	78	72	68	64	70	66	62	67	64	61	65	62	60	58
3	73	66	60	55	72	64	59	54	62	57	53	60	56	53	58	55	52	50
4	68	59	52	47	66	58	52	47	56	51	46	54	49	46	52	48	45	44
5	63	53	46	41	61	52	46	41	51	45	41	49	44	40	48	43	40	38
6	58	48	41	37	57	47	41	36	46	40	36	45	40	36	43	39	36	34
7	54	44	37	33	53	43	37	33	42	36	32	41	36	32	40	35	32	30
8	51	40	34	30	49	40	34	29	39	33	29	38	33	29	37	32	29	27
9	47	37	31	27	46	37	31	27	36	30	27	35	30	26	34	30	26	25
10	45	35	29	25	44	34	28	24	33	28	24	33	28	24	32	27	24	23

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX3-8-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	20.7	22.3	21.1	22.6	22.9	18.8	20.3	19.1	20.6	20.9
	3H	22.3	23.7	22.7	24.0	24.4	20.4	21.7	20.7	22.1	22.4
	4H	22.9	24.2	23.3	24.5	24.9	20.9	22.2	21.3	22.6	23.0
	6H	23.3	24.5	23.7	24.8	25.2	21.4	22.6	21.8	23.0	23.3
	8H	23.4	24.5	23.8	24.9	25.3	21.5	22.7	22.0	23.1	23.5
	12H	23.5	24.6	23.9	24.9	25.4	21.6	22.7	22.1	23.1	23.6

UGR Viewed Endwise

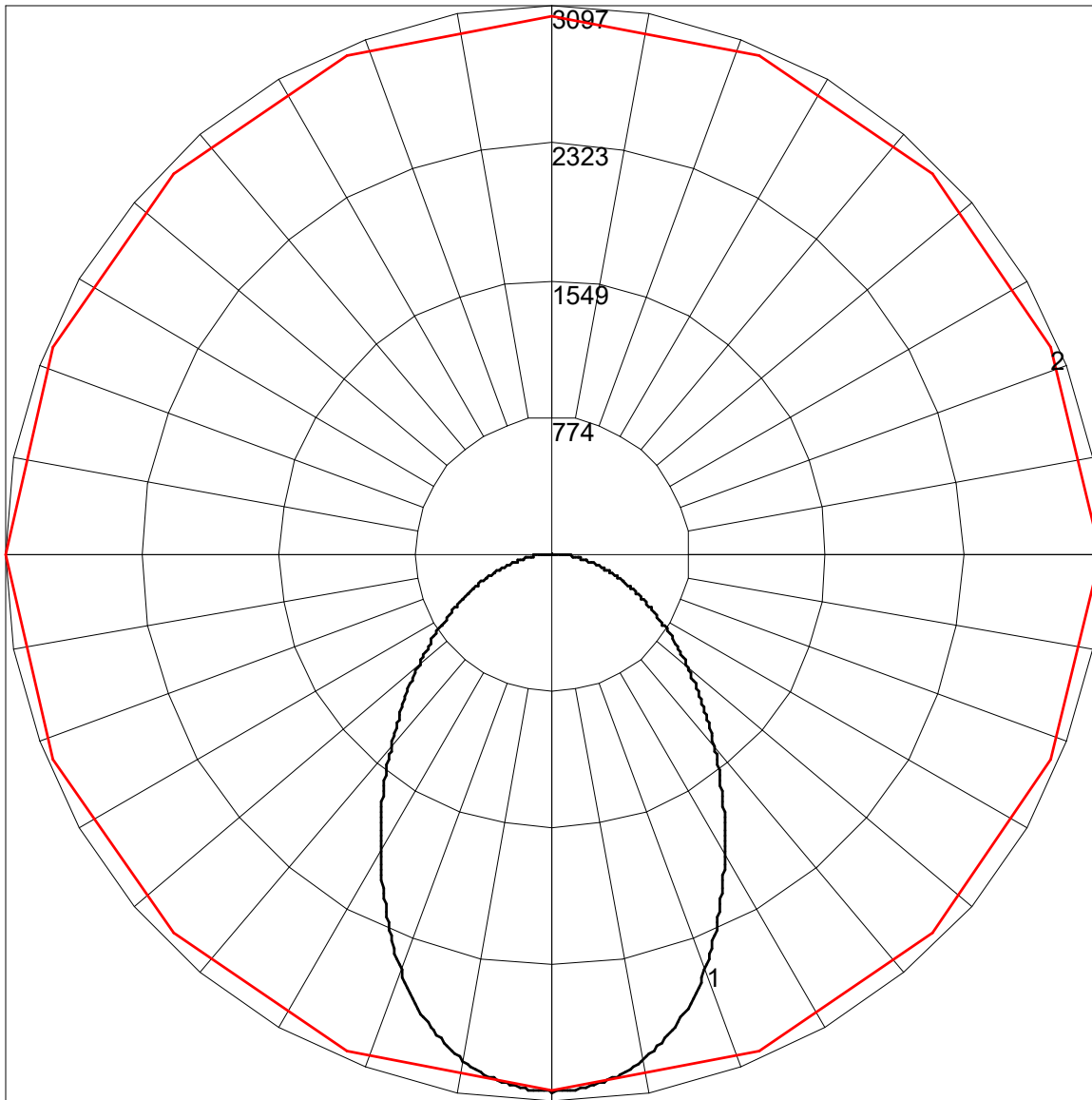
4H	2H	21.1	22.4	21.5	22.7	23.1	19.4	20.7	19.8	21.1	21.5
	3H	22.9	23.9	23.3	24.3	24.7	21.2	22.3	21.7	22.7	23.1
	4H	23.5	24.5	24.0	24.9	25.4	21.9	22.9	22.4	23.3	23.8
	6H	24.1	24.9	24.5	25.4	25.8	22.5	23.4	23.0	23.8	24.3
	8H	24.3	25.0	24.7	25.5	26.0	22.7	23.5	23.2	23.9	24.4
	12H	24.4	25.1	24.9	25.6	26.0	22.9	23.6	23.3	24.0	24.5

8H	4H	23.7	24.5	24.2	24.9	25.4	22.3	23.1	22.7	23.5	24.0
	6H	24.3	25.0	24.8	25.5	26.0	22.9	23.6	23.4	24.1	24.6
	8H	24.6	25.2	25.1	25.7	26.2	23.2	23.8	23.7	24.3	24.8
	12H	24.8	25.3	25.3	25.8	26.4	23.4	24.0	24.0	24.5	25.0

12H	4H	23.7	24.4	24.2	24.9	25.4	22.3	23.0	22.8	23.5	24.0
	6H	24.4	25.0	24.9	25.4	26.0	23.0	23.6	23.5	24.1	24.6
	8H	24.7	25.2	25.2	25.7	26.2	23.3	23.9	23.8	24.3	24.9

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 3097.356 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.)