



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L10-835-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-L10-835-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	8056
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	72.8
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	23522	20290	18508
55	20968	17830	16322
65	18485	15717	14468
75	15246	13380	12470
85	11501	10731	10339

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-8-L10-835-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	3569.225	3569.225	3569.225	3569.225	3569.225
0.5	3632.151	3572.152	3551.665	3560.445	3542.884
1.0	3632.151	3570.689	3551.665	3560.445	3541.421
1.5	3630.688	3570.689	3550.201	3558.982	3539.957
2.0	3629.225	3567.762	3547.274	3557.518	3535.567
2.5	3627.761	3564.835	3545.811	3553.128	3532.640
3.0	3624.834	3561.908	3541.421	3550.201	3526.787
3.5	3621.908	3558.982	3537.031	3544.348	3520.933
4.0	3618.981	3556.055	3532.640	3539.957	3516.543
4.5	3616.054	3551.665	3528.250	3534.104	3509.226
5.0	3613.127	3547.274	3520.933	3526.787	3501.909
5.5	3607.274	3541.421	3515.080	3518.006	3491.665
6.0	3602.883	3535.567	3507.763	3510.689	3482.885
6.5	3598.493	3531.177	3500.446	3500.446	3472.641
7.0	3592.640	3523.860	3493.129	3490.202	3462.397
7.5	3586.786	3518.006	3484.348	3479.958	3450.690
8.0	3580.933	3509.226	3475.568	3468.251	3440.446
8.5	3573.616	3501.909	3465.324	3456.544	3427.276
9.0	3566.299	3494.592	3455.080	3443.373	3414.105
9.5	3558.982	3485.812	3443.373	3428.739	3399.471
10.0	3551.665	3477.031	3431.666	3415.569	3386.301
10.5	3542.884	3468.251	3419.959	3400.935	3368.740
11.0	3534.104	3458.007	3406.788	3386.301	3352.643
11.5	3523.860	3447.763	3393.618	3370.203	3336.545
12.0	3513.616	3436.056	3378.984	3354.106	3318.984
12.5	3504.836	3424.349	3364.350	3336.545	3299.960
13.0	3493.129	3412.642	3349.716	3318.984	3282.400
13.5	3481.422	3399.471	3333.618	3299.960	3263.375
14.0	3471.178	3386.301	3318.984	3282.400	3244.351
14.5	3458.007	3373.130	3301.424	3263.375	3223.864
15.0	3446.300	3359.960	3285.326	3242.888	3204.839
15.5	3433.129	3345.326	3266.302	3222.400	3182.889
16.0	3422.886	3332.155	3248.741	3201.913	3160.938
16.5	3412.642	3317.521	3229.717	3179.962	3138.987
17.0	3399.471	3302.887	3210.693	3158.011	3117.036
17.5	3380.447	3288.253	3191.669	3136.060	3093.621
18.0	3362.886	3275.083	3172.645	3112.645	3068.744
18.5	3345.326	3257.522	3152.157	3089.231	3043.866
19.0	3330.692	3238.498	3131.670	3064.353	3018.988
19.5	3314.594	3219.473	3111.182	3039.476	2992.647
20.0	3298.497	3200.449	3089.231	3016.061	2964.842
20.5	3280.936	3181.425	3068.744	2991.184	2938.501
21.0	3263.375	3163.864	3046.793	2964.842	2910.697
21.5	3245.815	3144.840	3024.842	2939.965	2884.356
22.0	3226.790	3124.353	3001.427	2913.623	2856.551
22.5	3209.230	3105.328	2979.476	2885.819	2830.210
23.0	3188.742	3084.841	2958.989	2859.478	2803.869
23.5	3169.718	3062.890	2935.574	2833.137	2776.064
24.0	3149.230	3042.402	2909.233	2806.795	2749.723
24.5	3128.743	3020.451	2884.356	2780.454	2721.918
25.0	3108.255	2999.964	2858.014	2752.650	2694.114
25.5	3087.768	2976.550	2833.137	2726.309	2666.309
26.0	3065.817	2954.599	2806.795	2698.504	2639.968
26.5	3045.329	2931.184	2781.918	2672.163	2613.627

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-8-L10-835-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

27.0	3021.915	2909.233	2755.577	2645.822	2585.823
27.5	2999.964	2884.356	2730.699	2619.481	2556.555
28.0	2978.013	2860.941	2704.358	2593.140	2530.213
28.5	2956.062	2837.527	2678.017	2565.335	2503.872
29.0	2932.648	2812.649	2653.139	2537.530	2477.531
29.5	2907.770	2787.771	2626.798	2509.726	2451.190
30.0	2884.356	2762.894	2600.457	2483.385	2423.385
30.5	2859.478	2739.479	2575.579	2457.044	2395.581
31.0	2834.600	2714.601	2549.238	2429.239	2367.776
31.5	2808.259	2688.260	2521.433	2401.435	2341.435
32.0	2783.381	2663.383	2495.092	2373.630	2313.631
32.5	2757.040	2637.041	2468.751	2345.825	2285.826
33.0	2732.162	2610.700	2440.946	2318.021	2258.022
33.5	2705.821	2584.359	2414.605	2291.680	2230.217
34.0	2679.480	2558.018	2388.264	2263.875	2202.413
34.5	2654.602	2530.213	2358.996	2236.071	2174.608
35.0	2628.261	2503.872	2332.655	2206.803	2146.803
35.5	2601.920	2476.068	2304.850	2178.998	2120.462
36.0	2574.115	2449.727	2278.509	2152.657	2092.658
36.5	2547.774	2421.922	2250.705	2124.852	2066.317
37.0	2521.433	2394.118	2222.900	2095.585	2038.512
37.5	2493.629	2366.313	2195.096	2069.243	2013.634
38.0	2467.287	2338.508	2167.291	2041.439	1985.830
38.5	2439.483	2310.704	2140.950	2015.098	1959.489
39.0	2411.678	2282.899	2111.682	1987.293	1933.147
39.5	2383.874	2255.095	2083.877	1960.952	1906.806
40.0	2354.606	2227.290	2056.073	1933.147	1880.465
40.5	2325.338	2199.486	2028.268	1908.270	1855.587
41.0	2297.533	2171.681	2000.464	1881.929	1827.783
41.5	2268.265	2142.413	1972.659	1855.587	1801.442
42.0	2238.997	2114.609	1946.318	1827.783	1776.564
42.5	2211.193	2085.341	1918.514	1801.442	1750.223
43.0	2181.925	2057.536	1892.172	1776.564	1725.345
43.5	2152.657	2028.268	1862.904	1751.686	1700.467
44.0	2123.389	2000.464	1836.563	1725.345	1675.590
44.5	2094.121	1972.659	1808.759	1699.004	1650.712
45.0	2066.317	1943.391	1782.418	1674.126	1625.834
45.5	2037.049	1915.587	1756.076	1649.248	1600.956
46.0	2007.781	1887.782	1729.735	1624.371	1577.542
46.5	1979.976	1858.514	1701.931	1599.493	1552.664
47.0	1950.708	1830.710	1675.590	1574.615	1529.250
47.5	1922.904	1802.905	1650.712	1548.274	1505.836
48.0	1893.636	1775.101	1624.371	1524.860	1480.958
48.5	1864.368	1747.296	1599.493	1499.982	1458.421
49.0	1836.563	1718.028	1571.688	1476.568	1434.861
49.5	1807.295	1690.224	1546.811	1451.544	1411.300
50.0	1779.491	1663.882	1520.470	1427.105	1387.739
50.5	1750.223	1636.078	1495.592	1403.983	1365.349
51.0	1722.418	1608.273	1469.251	1381.300	1343.106
51.5	1693.150	1580.469	1444.519	1358.179	1318.813
52.0	1665.346	1554.128	1418.763	1334.325	1295.984
52.5	1636.078	1526.323	1393.300	1310.472	1274.033
53.0	1608.273	1499.982	1368.130	1286.911	1250.619
53.5	1579.005	1473.641	1344.130	1264.814	1229.400
54.0	1551.201	1445.983	1319.838	1243.009	1207.010
54.5	1523.396	1418.910	1295.106	1220.619	1185.059

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-8-L10-835-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

55.0	1494.128	1392.422	1270.521	1197.498	1163.108
55.5	1466.324	1366.227	1246.668	1174.083	1140.718
56.0	1438.373	1340.179	1223.400	1151.547	1119.499
56.5	1411.007	1314.423	1199.693	1130.328	1098.426
57.0	1383.496	1288.375	1176.279	1109.401	1078.231
57.5	1356.569	1262.912	1153.596	1087.304	1057.304
58.0	1329.789	1237.888	1130.474	1064.768	1035.792
58.5	1303.887	1212.863	1106.914	1042.670	1014.866
59.0	1277.399	1188.571	1083.499	1021.305	995.256
59.5	1251.351	1164.279	1060.670	1000.378	975.061
60.0	1225.156	1140.279	1038.719	980.037	954.281
60.5	1199.693	1116.279	1017.061	959.549	933.940
61.0	1174.376	1092.133	995.110	938.623	914.330
61.5	1148.913	1067.987	972.281	917.550	894.136
62.0	1123.450	1044.573	950.037	896.770	873.941
62.5	1098.133	1021.451	928.964	876.721	854.331
63.0	1072.670	997.890	908.770	857.112	835.161
63.5	1047.061	974.476	888.575	838.673	815.990
64.0	1021.597	950.915	867.794	820.234	796.820
64.5	996.134	927.501	846.283	800.332	778.088
65.0	970.525	904.379	825.210	779.552	759.649
65.5	945.062	881.111	805.307	760.820	741.503
66.0	919.745	857.843	785.844	743.991	724.089
66.5	894.282	834.722	766.088	726.723	706.382
67.0	868.965	811.893	745.454	707.991	688.236
67.5	843.795	789.210	724.674	687.797	669.797
68.0	818.624	766.235	703.894	667.016	650.919
68.5	793.747	743.406	683.260	647.700	632.188
69.0	769.161	720.577	663.651	629.700	614.041
69.5	744.576	698.333	644.334	611.846	595.749
70.0	720.138	676.089	623.846	592.237	576.432
70.5	696.138	653.699	602.920	571.164	557.262
71.0	671.992	631.309	582.286	550.969	538.384
71.5	648.285	609.212	562.091	532.823	520.091
72.0	624.724	587.847	542.774	515.994	502.384
72.5	601.456	566.774	524.189	498.579	485.409
73.0	578.627	545.847	505.311	479.994	468.141
73.5	555.945	524.774	485.848	461.409	450.287
74.0	533.701	503.994	466.385	443.556	433.312
74.5	511.750	483.653	447.946	426.727	417.361
75.0	490.238	463.897	430.239	410.190	400.971
75.5	469.019	444.287	412.824	393.507	384.142
76.0	448.092	424.824	394.971	376.971	368.191
76.5	427.458	405.215	377.264	359.996	352.532
77.0	406.971	386.044	359.410	343.313	336.289
77.5	386.922	367.166	342.435	326.923	319.752
78.0	366.874	348.435	325.899	310.972	304.094
78.5	347.118	329.996	309.362	295.167	289.167
79.0	327.947	311.996	292.826	279.655	274.387
79.5	308.923	294.289	276.582	264.436	259.753
80.0	290.338	276.875	260.777	249.217	244.973
80.5	271.899	259.753	245.119	234.144	229.900
81.0	254.046	242.924	229.314	219.363	215.119
81.5	236.631	226.534	214.095	205.022	201.071
82.0	219.510	210.729	199.607	191.266	187.607
82.5	202.827	195.217	185.266	177.949	174.583

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-8-L10-835-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

83.0	186.437	179.851	171.217	164.486	161.852
83.5	170.339	164.632	157.023	151.169	149.120
84.0	154.681	149.998	142.828	137.998	136.096
84.5	139.462	135.657	129.072	125.120	123.511
85.0	124.535	121.608	116.194	112.682	111.950
85.5	109.901	107.706	103.609	100.974	101.121
86.0	95.706	93.950	91.316	90.145	90.145
86.5	81.950	80.780	79.023	78.731	79.023
87.0	68.487	68.048	67.024	67.024	67.463
87.5	55.609	55.170	55.316	56.048	56.341
88.0	43.170	43.463	44.780	45.804	46.243
88.5	31.609	32.634	35.122	35.414	35.707
89.0	21.366	22.975	24.439	22.097	21.951
89.5	14.780	15.219	11.414	10.829	12.000
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

IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : LRX2-8-L10-835-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 : LRX2-8-L10-835-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-L10-835-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-L10-835-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1263.78	N.A.	15.70
0-30	2587.31	N.A.	32.10
0-40	4060.84	N.A.	50.40
0-60	6621.11	N.A.	82.20
0-80	7922.88	N.A.	98.30
0-90	8056.22	N.A.	100.00
10-90	7721.37	N.A.	95.80
20-40	2797.07	N.A.	34.70
20-50	4195.34	N.A.	52.10
40-70	3396.81	N.A.	42.20
60-80	1301.77	N.A.	16.20
70-80	465.23	N.A.	5.80
80-90	133.34	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	8056.22	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	334.85
10-20	928.93
20-30	1323.54
30-40	1473.53
40-50	1398.28
50-60	1161.99
60-70	836.54
70-80	465.23
80-90	133.34
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-L10-835-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-L10-835-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	22.4	24.0	22.8	24.3	24.6	21.3	22.8	21.6	23.1	23.4
	3H	24.1	25.5	24.5	25.9	26.2	22.9	24.3	23.3	24.7	25.0
	4H	24.7	26.1	25.1	26.4	26.8	23.5	24.9	23.9	25.2	25.6
	6H	25.2	26.4	25.6	26.8	27.2	24.0	25.2	24.4	25.6	26.0
	8H	25.3	26.5	25.8	26.9	27.3	24.1	25.3	24.6	25.7	26.1
	12H	25.4	26.6	25.9	26.9	27.4	24.2	25.4	24.7	25.8	26.2

UGR Viewed Endwise

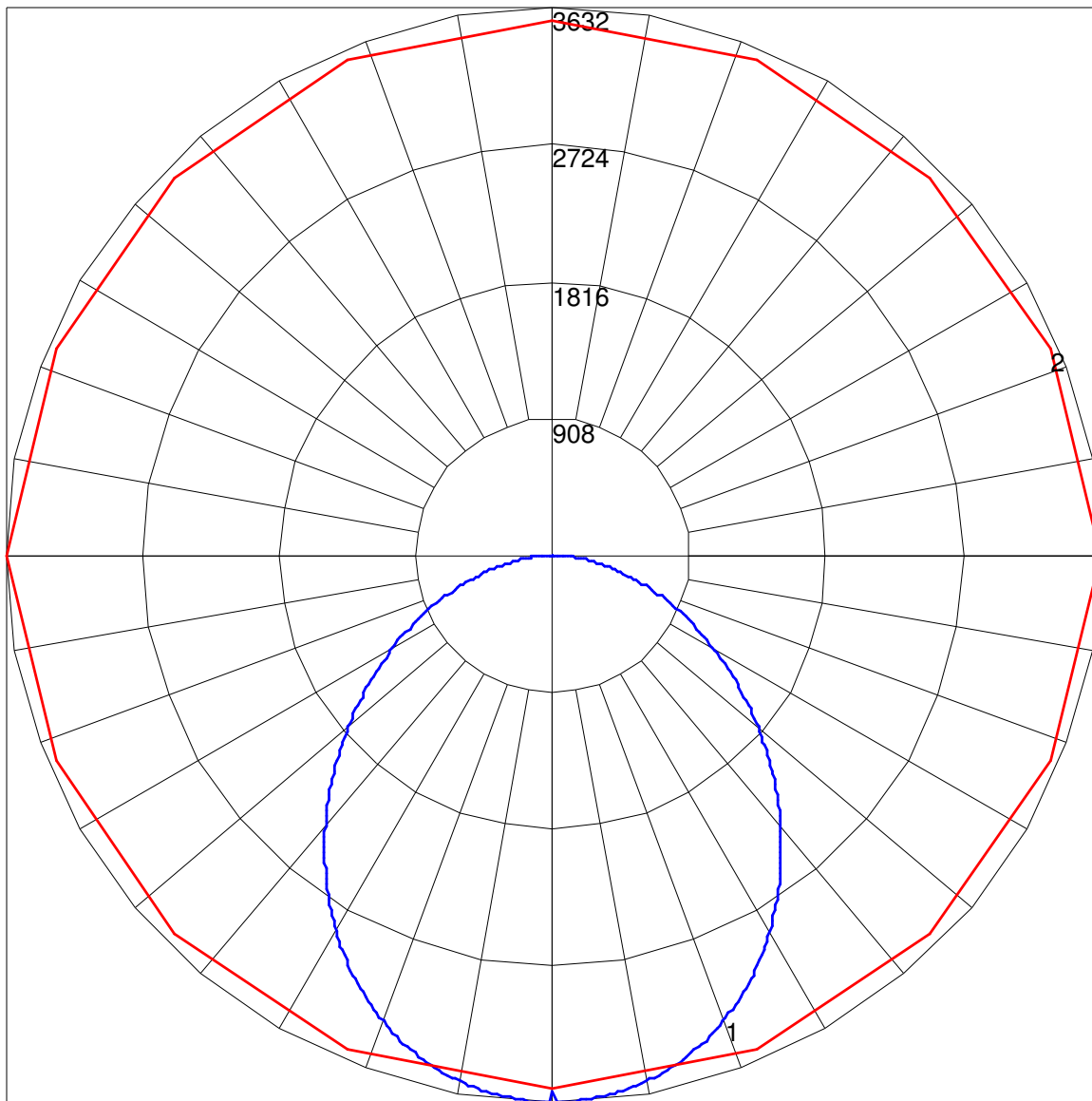
4H	2H	22.9	24.2	23.3	24.5	24.9	21.9	23.2	22.3	23.6	24.0
	3H	24.8	25.9	25.2	26.3	26.7	23.8	24.9	24.2	25.3	25.7
	4H	25.6	26.6	26.0	27.0	27.4	24.5	25.5	25.0	26.0	26.4
	6H	26.1	27.0	26.6	27.5	27.9	25.1	26.0	25.6	26.4	26.9
	8H	26.3	27.1	26.8	27.6	28.1	25.3	26.1	25.8	26.6	27.0
	12H	26.5	27.2	27.0	27.7	28.2	25.5	26.2	26.0	26.7	27.1

8H	4H	25.8	26.6	26.2	27.0	27.5	24.9	25.7	25.3	26.1	26.6
	6H	26.5	27.1	27.0	27.6	28.1	25.6	26.2	26.1	26.7	27.2
	8H	26.7	27.3	27.2	27.8	28.3	25.8	26.4	26.3	27.0	27.4
	12H	27.0	27.5	27.5	28.0	28.5	26.1	26.6	26.6	27.1	27.7

12H	4H	25.8	26.5	26.3	27.0	27.5	24.9	25.6	25.4	26.1	26.6
	6H	26.5	27.1	27.0	27.6	28.1	25.6	26.3	26.2	26.7	27.3
	8H	26.8	27.4	27.3	27.9	28.4	26.0	26.5	26.5	27.0	27.6

Maximum UGR = 28.5

POLAR GRAPH



Maximum Candela = 3632.151 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.)