



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L10-827-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-L10-827-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	7815
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
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	22816	19681	17952
55	20339	17295	15833
65	17930	15246	14034
75	14789	12979	12096
85	11156	10409	10029

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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	3462.148	3462.148	3462.148	3462.148	3462.148
0.5	3523.187	3464.987	3445.114	3453.631	3436.597
1.0	3523.187	3463.568	3445.114	3453.631	3435.178
1.5	3521.767	3463.568	3443.695	3452.212	3433.758
2.0	3520.348	3460.729	3440.856	3450.792	3429.500
2.5	3518.928	3457.890	3439.436	3446.534	3426.661
3.0	3516.089	3455.051	3435.178	3443.695	3420.983
3.5	3513.250	3452.212	3430.919	3438.017	3415.305
4.0	3510.411	3449.373	3426.661	3433.758	3411.046
4.5	3507.572	3445.114	3422.402	3428.080	3403.949
5.0	3504.733	3440.856	3415.305	3420.983	3396.852
5.5	3499.055	3435.178	3409.627	3412.466	3386.915
6.0	3494.797	3429.500	3402.529	3405.368	3378.398
6.5	3490.538	3425.241	3395.432	3395.432	3368.462
7.0	3484.860	3418.144	3388.335	3385.496	3358.525
7.5	3479.182	3412.466	3379.818	3375.559	3347.169
8.0	3473.504	3403.949	3371.301	3364.203	3337.233
8.5	3466.407	3396.852	3361.364	3352.847	3324.457
9.0	3459.309	3389.754	3351.428	3340.072	3311.682
9.5	3452.212	3381.237	3340.072	3325.877	3297.487
10.0	3445.114	3372.720	3328.716	3313.101	3284.711
10.5	3436.597	3364.203	3317.360	3298.906	3267.677
11.0	3428.080	3354.267	3304.584	3284.711	3252.063
11.5	3418.144	3344.330	3291.809	3269.097	3236.449
12.0	3408.207	3332.974	3277.614	3253.483	3219.415
12.5	3399.690	3321.618	3263.419	3236.449	3200.961
13.0	3388.335	3310.262	3249.224	3219.415	3183.927
13.5	3376.979	3297.487	3233.610	3200.961	3165.474
14.0	3367.042	3284.711	3219.415	3183.927	3147.020
14.5	3354.267	3271.936	3202.381	3165.474	3127.147
15.0	3342.911	3259.160	3186.766	3145.601	3108.694
15.5	3330.135	3244.966	3168.313	3125.728	3087.402
16.0	3320.199	3232.190	3151.279	3105.855	3066.109
16.5	3310.262	3217.995	3132.825	3084.563	3044.817
17.0	3297.487	3203.800	3114.372	3063.270	3023.524
17.5	3279.033	3189.605	3095.919	3041.978	3000.812
18.0	3261.999	3176.830	3077.465	3019.266	2976.681
18.5	3244.966	3159.796	3057.592	2996.554	2952.550
19.0	3230.771	3141.342	3037.719	2972.423	2928.418
19.5	3215.156	3122.889	3017.846	2948.291	2902.867
20.0	3199.542	3104.436	2996.554	2925.579	2875.897
20.5	3182.508	3085.982	2976.681	2901.448	2850.346
21.0	3165.474	3068.948	2955.389	2875.897	2823.376
21.5	3148.440	3050.495	2934.096	2851.765	2797.825
22.0	3129.986	3030.622	2911.384	2826.215	2770.854
22.5	3112.953	3012.168	2890.092	2799.244	2745.303
23.0	3093.080	2992.295	2870.219	2773.693	2719.752
23.5	3074.626	2971.003	2847.507	2748.142	2692.782
24.0	3054.753	2951.130	2821.956	2722.591	2667.231
24.5	3034.880	2929.838	2797.825	2697.040	2640.261
25.0	3015.007	2909.965	2772.274	2670.070	2613.290
25.5	2995.134	2887.253	2748.142	2644.519	2586.320
26.0	2973.842	2865.960	2722.591	2617.549	2560.769
26.5	2953.969	2843.248	2698.460	2591.998	2535.218

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**CANDELA TABULATION - (Cont.)**

27.0	2931.257	2821.956	2672.909	2566.447	2508.248
27.5	2909.965	2797.825	2648.778	2540.896	2479.858
28.0	2888.672	2775.113	2623.227	2515.345	2454.307
28.5	2867.380	2752.401	2597.676	2488.375	2428.756
29.0	2844.668	2728.269	2573.544	2461.404	2403.205
29.5	2820.537	2704.138	2547.994	2434.434	2377.654
30.0	2797.825	2680.007	2522.443	2408.883	2350.684
30.5	2773.693	2657.295	2498.311	2383.332	2323.713
31.0	2749.562	2633.163	2472.760	2356.362	2296.743
31.5	2724.011	2607.612	2445.790	2329.391	2271.192
32.0	2699.879	2583.481	2420.239	2302.421	2244.222
32.5	2674.329	2557.930	2394.688	2275.450	2217.251
33.0	2650.197	2532.379	2367.718	2248.480	2190.281
33.5	2624.646	2506.828	2342.167	2222.929	2163.310
34.0	2599.095	2481.277	2316.616	2195.959	2136.340
34.5	2574.964	2454.307	2288.226	2168.988	2109.370
35.0	2549.413	2428.756	2262.675	2140.598	2082.399
35.5	2523.862	2401.786	2235.705	2113.628	2056.848
36.0	2496.892	2376.235	2210.154	2088.077	2029.878
36.5	2471.341	2349.264	2183.183	2061.107	2004.327
37.0	2445.790	2322.294	2156.213	2032.717	1977.357
37.5	2418.819	2295.323	2129.242	2007.166	1953.225
38.0	2393.269	2268.353	2102.272	1980.196	1926.255
38.5	2366.298	2241.383	2076.721	1954.645	1900.704
39.0	2339.328	2214.412	2048.331	1927.674	1875.153
39.5	2312.357	2187.442	2021.361	1902.123	1849.602
40.0	2283.967	2160.471	1994.390	1875.153	1824.051
40.5	2255.578	2133.501	1967.420	1851.021	1799.920
41.0	2228.607	2106.531	1940.450	1825.471	1772.949
41.5	2200.217	2078.141	1913.479	1799.920	1747.398
42.0	2171.827	2051.170	1887.928	1772.949	1723.267
42.5	2144.857	2022.780	1860.958	1747.398	1697.716
43.0	2116.467	1995.810	1835.407	1723.267	1673.585
43.5	2088.077	1967.420	1807.017	1699.135	1649.453
44.0	2059.687	1940.450	1781.466	1673.585	1625.322
44.5	2031.297	1913.479	1754.496	1648.034	1601.190
45.0	2004.327	1885.089	1728.945	1623.902	1577.059
45.5	1975.937	1858.119	1703.394	1599.771	1552.928
46.0	1947.547	1831.149	1677.843	1575.639	1530.216
46.5	1920.577	1802.759	1650.873	1551.508	1506.084
47.0	1892.187	1775.788	1625.322	1527.377	1483.372
47.5	1865.216	1748.818	1601.190	1501.826	1460.660
48.0	1836.827	1721.847	1575.639	1479.114	1436.529
48.5	1808.437	1694.877	1551.508	1454.982	1414.669
49.0	1781.466	1666.487	1524.538	1432.270	1391.815
49.5	1753.076	1639.517	1500.406	1407.997	1368.961
50.0	1726.106	1613.966	1474.855	1384.292	1346.107
50.5	1697.716	1586.995	1450.724	1361.863	1324.389
51.0	1670.746	1560.025	1425.173	1339.861	1302.812
51.5	1642.356	1533.055	1401.184	1317.433	1279.249
52.0	1615.385	1507.504	1376.200	1294.296	1257.105
52.5	1586.995	1480.533	1351.501	1271.158	1235.812
53.0	1560.025	1454.982	1327.086	1248.304	1213.100
53.5	1531.635	1429.431	1303.806	1226.870	1192.518
54.0	1504.665	1402.603	1280.243	1205.719	1170.799
54.5	1477.694	1376.342	1256.253	1184.001	1149.507

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**CANDELA TABULATION - (Cont.)**

55.0	1449.304	1350.649	1232.406	1161.573	1128.215
55.5	1422.334	1325.241	1209.268	1138.861	1106.496
56.0	1395.222	1299.974	1186.698	1117.001	1085.914
56.5	1368.677	1274.990	1163.702	1096.418	1065.473
57.0	1341.991	1249.723	1140.990	1076.119	1045.884
57.5	1315.872	1225.024	1118.988	1054.685	1025.585
58.0	1289.895	1200.751	1096.560	1032.825	1004.719
58.5	1264.770	1176.477	1073.706	1011.390	984.420
59.0	1239.077	1152.914	1050.994	990.666	965.399
59.5	1213.810	1129.350	1028.850	970.367	945.810
60.0	1188.401	1106.070	1007.558	950.636	925.653
60.5	1163.702	1082.791	986.549	930.763	905.922
61.0	1139.145	1059.369	965.257	910.464	886.900
61.5	1114.446	1035.947	943.112	890.023	867.311
62.0	1089.746	1013.236	921.536	869.867	847.722
62.5	1065.189	990.808	901.095	850.419	828.701
63.0	1040.490	967.954	881.506	831.398	810.106
63.5	1015.649	945.242	861.917	813.513	791.510
64.0	990.949	922.388	841.761	795.627	772.915
64.5	966.250	899.676	820.894	776.322	754.745
65.0	941.409	877.248	800.453	756.165	736.860
65.5	916.710	854.678	781.148	737.995	719.258
66.0	892.153	832.108	762.269	721.671	702.366
66.5	867.453	809.680	743.106	704.921	685.190
67.0	842.896	787.536	723.091	686.752	667.588
67.5	818.481	765.534	702.934	667.163	649.703
68.0	794.065	743.248	682.777	647.006	631.391
68.5	769.934	721.103	662.762	628.268	613.222
69.0	746.087	698.959	643.741	610.809	595.620
69.5	722.239	677.383	625.004	593.491	577.876
70.0	698.533	655.807	605.131	574.470	559.139
70.5	675.254	634.088	584.832	554.029	540.544
71.0	651.832	612.370	564.817	534.440	522.232
71.5	628.836	590.936	545.228	516.838	504.489
72.0	605.982	570.211	526.491	500.514	487.313
72.5	583.412	549.770	508.463	483.622	470.846
73.0	561.268	529.472	490.152	465.594	454.096
73.5	539.266	509.031	471.272	447.567	436.779
74.0	517.690	488.874	452.393	430.249	420.312
74.5	496.397	469.143	434.507	413.925	404.840
75.0	475.531	449.980	417.332	397.884	388.942
75.5	454.948	430.959	400.440	381.702	372.617
76.0	434.649	412.079	383.122	365.662	357.145
76.5	414.634	393.058	365.946	349.196	341.956
77.0	394.762	374.463	348.628	333.014	326.200
77.5	375.314	356.151	332.162	317.115	310.160
78.0	355.867	337.982	316.122	301.643	294.971
78.5	336.704	320.096	300.081	286.312	280.492
79.0	318.109	302.636	284.041	271.265	266.155
79.5	299.655	285.460	268.285	256.503	251.960
80.0	281.628	268.568	252.954	241.740	237.623
80.5	263.742	251.960	237.765	227.119	223.003
81.0	246.424	235.636	222.435	212.782	208.666
81.5	229.532	219.738	207.672	198.871	195.039
82.0	212.924	204.407	193.619	185.528	181.979
82.5	196.742	189.361	179.708	172.611	169.346

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**CANDELA TABULATION - (Cont.)**

83.0	180.844	174.456	166.081	159.551	156.996
83.5	165.229	159.693	152.312	146.634	144.647
84.0	150.041	145.498	138.543	133.858	132.013
84.5	135.278	131.587	125.199	121.367	119.805
85.0	120.799	117.960	112.708	109.301	108.591
85.5	106.604	104.475	100.500	97.945	98.087
86.0	92.835	91.132	88.576	87.441	87.441
86.5	79.492	78.356	76.653	76.369	76.653
87.0	66.432	66.007	65.013	65.013	65.439
87.5	53.941	53.515	53.657	54.367	54.651
88.0	41.875	42.159	43.437	44.430	44.856
88.5	30.661	31.655	34.068	34.352	34.636
89.0	20.725	22.286	23.706	21.434	21.292
89.5	14.337	14.763	11.072	10.504	11.640
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-L10-827-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-L10-827-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-L10-827-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1225.86	N.A.	15.70
0-30	2509.69	N.A.	32.10
0-40	3939.02	N.A.	50.40
0-60	6422.47	N.A.	82.20
0-80	7685.19	N.A.	98.30
0-90	7814.54	N.A.	100.00
10-90	7489.73	N.A.	95.80
20-40	2713.15	N.A.	34.70
20-50	4069.48	N.A.	52.10
40-70	3294.9	N.A.	42.20
60-80	1262.72	N.A.	16.20
70-80	451.27	N.A.	5.80
80-90	129.34	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	7814.54	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	324.80
10-20	901.06
20-30	1283.83
30-40	1429.32
40-50	1356.33
50-60	1127.13
60-70	811.45
70-80	451.27
80-90	129.34
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-L10-827-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-L10-827-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

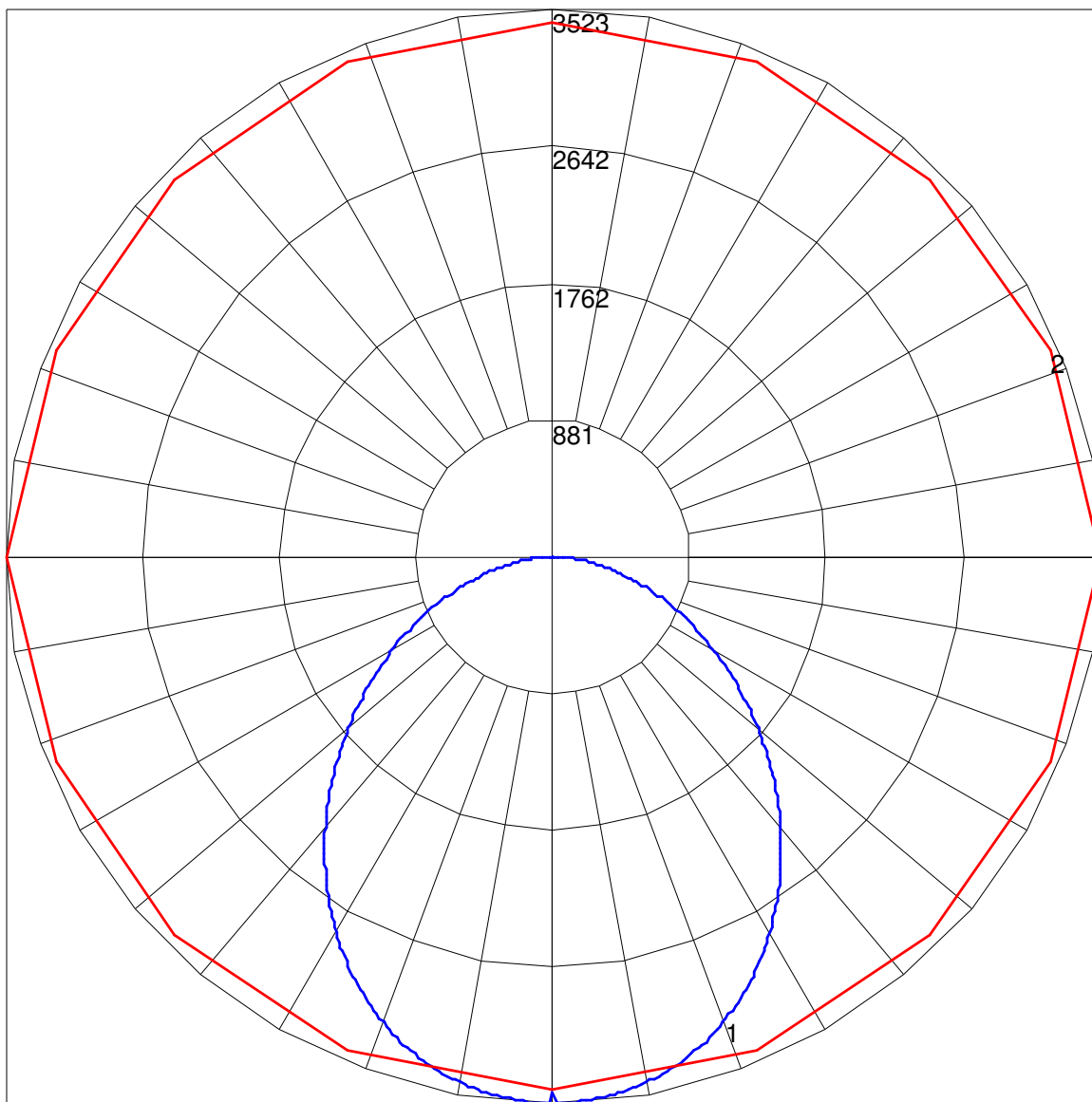
Reflectances

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	22.2	23.8	22.6	24.1	24.4	21.1	22.6	21.4	22.9	23.2
	3H	23.9	25.3	24.3	25.7	26.0	22.7	24.1	23.1	24.5	24.8
	4H	24.5	25.9	24.9	26.2	26.6	23.3	24.7	23.7	25.0	25.4
	6H	25.0	26.2	25.4	26.6	27.0	23.8	25.0	24.2	25.4	25.8
	8H	25.1	26.3	25.6	26.7	27.1	23.9	25.1	24.4	25.5	25.9
	12H	25.2	26.4	25.7	26.7	27.2	24.0	25.2	24.5	25.6	26.0
4H	2H	22.7	24.0	23.1	24.3	24.7	21.7	23.0	22.1	23.4	23.8
	3H	24.6	25.7	25.0	26.1	26.5	23.6	24.7	24.0	25.1	25.5
	4H	25.4	26.4	25.8	26.8	27.2	24.3	25.3	24.8	25.8	26.2
	6H	25.9	26.8	26.4	27.3	27.7	24.9	25.8	25.4	26.2	26.7
	8H	26.1	26.9	26.6	27.4	27.9	25.1	25.9	25.6	26.4	26.8
	12H	26.3	27.0	26.8	27.5	28.0	25.3	26.0	25.8	26.5	26.9
8H	4H	25.6	26.4	26.0	26.8	27.3	24.7	25.5	25.1	25.9	26.4
	6H	26.3	26.9	26.8	27.4	27.9	25.4	26.0	25.9	26.5	27.0
	8H	26.5	27.1	27.0	27.6	28.1	25.6	26.2	26.1	26.8	27.2
	12H	26.8	27.3	27.3	27.8	28.3	25.9	26.4	26.4	26.9	27.5
12H	4H	25.6	26.3	26.1	26.8	27.3	24.7	25.4	25.2	25.9	26.4
	6H	26.3	26.9	26.8	27.4	27.9	25.4	26.1	26.0	26.5	27.1
	8H	26.6	27.2	27.1	27.7	28.2	25.8	26.3	26.3	26.8	27.4

Maximum UGR = 28.3

POLAR GRAPH



Maximum Candela = 3523.187 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.)