



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L10-840-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-L10-840-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	8298
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
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	24227	20899	19063
55	21597	18365	16812
65	19039	16189	14902
75	15704	13782	12844
85	11846	11053	10649

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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	3676.302	3676.302	3676.302	3676.302	3676.302
0.5	3741.116	3679.317	3658.215	3667.258	3649.171
1.0	3741.116	3677.809	3658.215	3667.258	3647.663
1.5	3739.609	3677.809	3656.707	3665.751	3646.156
2.0	3738.101	3674.795	3653.693	3664.244	3641.634
2.5	3736.594	3671.780	3652.185	3659.722	3638.620
3.0	3733.579	3668.766	3647.663	3656.707	3632.590
3.5	3730.565	3665.751	3643.142	3650.678	3626.561
4.0	3727.550	3662.736	3638.620	3646.156	3622.039
4.5	3724.536	3658.215	3634.098	3640.127	3614.503
5.0	3721.521	3653.693	3626.561	3632.590	3606.966
5.5	3715.492	3647.663	3620.532	3623.547	3596.415
6.0	3710.970	3641.634	3612.996	3616.010	3587.371
6.5	3706.448	3637.112	3605.459	3605.459	3576.820
7.0	3700.419	3629.576	3597.923	3594.908	3566.269
7.5	3694.390	3623.547	3588.879	3584.357	3554.211
8.0	3688.361	3614.503	3579.835	3572.299	3543.660
8.5	3680.824	3606.966	3569.284	3560.240	3530.094
9.0	3673.288	3599.430	3558.733	3546.674	3516.528
9.5	3665.751	3590.386	3546.674	3531.601	3501.455
10.0	3658.215	3581.342	3534.616	3518.036	3487.890
10.5	3649.171	3572.299	3522.558	3502.963	3469.802
11.0	3640.127	3561.747	3508.992	3487.890	3453.222
11.5	3629.576	3551.196	3495.426	3471.309	3436.642
12.0	3619.025	3539.138	3480.353	3454.729	3418.554
12.5	3609.981	3527.080	3465.280	3436.642	3398.959
13.0	3597.923	3515.021	3450.207	3418.554	3380.872
13.5	3585.864	3501.455	3433.627	3398.959	3361.277
14.0	3575.313	3487.890	3418.554	3380.872	3341.682
14.5	3561.747	3474.324	3400.466	3361.277	3320.580
15.0	3549.689	3460.758	3383.886	3340.174	3300.985
15.5	3536.123	3445.685	3364.291	3319.072	3278.375
16.0	3525.572	3432.120	3346.204	3297.970	3255.766
16.5	3515.021	3417.047	3326.609	3275.361	3233.156
17.0	3501.455	3401.974	3307.014	3252.751	3210.547
17.5	3481.861	3386.901	3287.419	3230.142	3186.430
18.0	3463.773	3373.335	3267.824	3206.025	3160.806
18.5	3445.685	3355.247	3246.722	3181.908	3135.182
19.0	3430.612	3335.653	3225.620	3156.284	3109.558
19.5	3414.032	3316.058	3204.518	3130.660	3082.426
20.0	3397.452	3296.463	3181.908	3106.543	3053.788
20.5	3379.364	3276.868	3160.806	3080.919	3026.656
21.0	3361.277	3258.780	3138.196	3053.788	2998.018
21.5	3343.189	3239.185	3115.587	3028.164	2970.886
22.0	3323.594	3218.083	3091.470	3001.032	2942.248
22.5	3305.507	3198.488	3068.861	2972.394	2915.116
23.0	3284.404	3177.386	3047.758	2945.262	2887.985
23.5	3264.810	3154.777	3023.642	2918.131	2859.346
24.0	3243.707	3133.675	2996.510	2890.999	2832.215
24.5	3222.605	3111.065	2970.886	2863.868	2803.576
25.0	3201.503	3089.963	2943.755	2835.229	2774.937
25.5	3180.401	3065.846	2918.131	2808.098	2746.299
26.0	3157.791	3043.237	2890.999	2779.459	2719.167
26.5	3136.689	3019.120	2865.375	2752.328	2692.036

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**CANDELA TABULATION - (Cont.)**

27.0	3112.572	2996.510	2838.244	2725.196	2663.397
27.5	3089.963	2970.886	2812.620	2698.065	2633.251
28.0	3067.353	2946.769	2785.488	2670.934	2606.120
28.5	3044.744	2922.653	2758.357	2642.295	2578.988
29.0	3020.627	2897.029	2732.733	2613.656	2551.857
29.5	2995.003	2871.404	2705.602	2585.018	2524.726
30.0	2970.886	2845.780	2678.470	2557.886	2496.087
30.5	2945.262	2821.664	2652.846	2530.755	2467.448
31.0	2919.638	2796.040	2625.715	2502.116	2438.810
31.5	2892.507	2768.908	2597.076	2473.478	2411.678
32.0	2866.883	2743.284	2569.945	2444.839	2383.040
32.5	2839.751	2716.153	2542.813	2416.200	2354.401
33.0	2814.127	2689.021	2514.175	2387.562	2325.762
33.5	2786.996	2661.890	2487.043	2360.430	2297.124
34.0	2759.864	2634.759	2459.912	2331.791	2268.485
34.5	2734.240	2606.120	2429.766	2303.153	2239.846
35.0	2707.109	2578.988	2402.635	2273.007	2211.208
35.5	2679.978	2550.350	2373.996	2244.368	2184.076
36.0	2651.339	2523.218	2346.864	2217.237	2155.437
36.5	2624.207	2494.580	2318.226	2188.598	2128.306
37.0	2597.076	2465.941	2289.587	2158.452	2099.667
37.5	2568.437	2437.302	2260.948	2131.321	2074.043
38.0	2541.306	2408.664	2232.310	2102.682	2045.405
38.5	2512.667	2380.025	2205.178	2075.551	2018.273
39.0	2484.029	2351.386	2175.032	2046.912	1991.142
39.5	2455.390	2322.748	2146.394	2019.781	1964.011
40.0	2425.244	2294.109	2117.755	1991.142	1936.879
40.5	2395.098	2265.470	2089.116	1965.518	1911.255
41.0	2366.459	2236.832	2060.478	1938.386	1882.616
41.5	2336.313	2206.686	2031.839	1911.255	1855.485
42.0	2306.167	2178.047	2004.708	1882.616	1829.861
42.5	2277.529	2147.901	1976.069	1855.485	1802.730
43.0	2247.383	2119.262	1948.938	1829.861	1777.105
43.5	2217.237	2089.116	1918.792	1804.237	1751.481
44.0	2187.091	2060.478	1891.660	1777.105	1725.857
44.5	2156.945	2031.839	1863.021	1749.974	1700.233
45.0	2128.306	2001.693	1835.890	1724.350	1674.609
45.5	2098.160	1973.054	1808.759	1698.726	1648.985
46.0	2068.014	1944.416	1781.627	1673.102	1624.868
46.5	2039.375	1914.270	1752.989	1647.478	1599.244
47.0	2009.229	1885.631	1725.857	1621.854	1575.127
47.5	1980.591	1856.992	1700.233	1594.722	1551.011
48.0	1950.445	1828.354	1673.102	1570.606	1525.387
48.5	1920.299	1799.715	1647.478	1544.981	1502.174
49.0	1891.660	1769.569	1618.839	1520.865	1477.907
49.5	1861.514	1740.930	1593.215	1495.090	1453.639
50.0	1832.876	1713.799	1566.084	1469.918	1429.372
50.5	1802.730	1685.160	1540.460	1446.103	1406.310
51.0	1774.091	1656.522	1513.328	1422.739	1383.399
51.5	1743.945	1627.883	1487.855	1398.924	1358.378
52.0	1715.306	1600.751	1461.326	1374.355	1334.864
52.5	1685.160	1572.113	1435.099	1349.786	1312.254
53.0	1656.522	1544.981	1409.174	1325.519	1288.138
53.5	1626.376	1517.850	1384.454	1302.758	1266.282
54.0	1597.737	1489.362	1359.433	1280.300	1243.220
54.5	1569.098	1461.477	1333.960	1257.238	1220.611

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**CANDELA TABULATION - (Cont.)**

55.0	1538.952	1434.195	1308.637	1233.423	1198.001
55.5	1510.314	1407.214	1284.068	1209.306	1174.940
56.0	1481.524	1380.384	1260.102	1186.094	1153.084
56.5	1453.338	1353.856	1235.684	1164.238	1131.379
57.0	1425.000	1327.026	1211.567	1142.683	1110.578
57.5	1397.266	1300.799	1188.204	1119.923	1089.023
58.0	1369.683	1275.024	1164.388	1096.711	1066.866
58.5	1343.003	1249.249	1140.121	1073.950	1045.312
59.0	1315.721	1224.228	1116.004	1051.944	1025.114
59.5	1288.891	1199.207	1092.490	1030.390	1004.313
60.0	1261.911	1174.487	1069.881	1009.438	982.910
60.5	1235.684	1149.768	1047.573	988.336	961.958
61.0	1209.607	1124.897	1024.963	966.782	941.760
61.5	1183.380	1100.027	1001.449	945.076	920.960
62.0	1157.153	1075.910	978.538	923.673	900.159
62.5	1131.077	1052.095	956.833	903.023	879.961
63.0	1104.850	1027.827	936.033	882.825	860.216
63.5	1078.472	1003.710	915.232	863.833	840.470
64.0	1052.245	979.443	893.828	844.841	820.724
64.5	1026.018	955.326	871.671	824.342	801.431
65.0	999.641	931.511	849.966	802.938	782.439
65.5	973.414	907.545	829.467	783.645	763.748
66.0	947.337	883.579	809.420	766.311	745.812
66.5	921.110	859.763	789.071	748.525	727.573
67.0	895.034	836.249	767.818	729.231	708.883
67.5	869.109	812.886	746.414	708.431	689.891
68.0	843.183	789.222	725.011	687.027	670.447
68.5	817.559	765.708	703.758	667.131	651.153
69.0	792.236	742.194	683.560	648.591	632.463
69.5	766.914	719.283	663.664	630.202	613.621
70.0	741.742	696.372	642.562	610.004	593.725
70.5	717.022	673.310	621.007	588.299	573.979
71.0	692.152	650.249	599.754	567.498	554.535
71.5	667.733	627.489	578.954	548.808	535.694
72.0	643.466	605.482	559.057	531.474	517.456
72.5	619.500	583.777	539.914	513.537	499.971
73.0	595.986	562.223	520.470	494.394	482.185
73.5	572.623	540.517	500.423	475.251	463.796
74.0	549.712	519.114	480.376	456.862	446.311
74.5	527.102	498.162	461.384	439.528	429.882
75.0	504.945	477.814	443.146	422.496	413.000
75.5	483.089	457.616	425.209	405.313	395.666
76.0	461.535	437.569	406.820	388.280	379.236
76.5	440.282	417.371	388.582	370.796	363.108
77.0	419.180	397.625	370.193	353.612	346.377
77.5	398.530	378.181	352.708	336.731	329.345
78.0	377.880	358.888	335.675	320.301	313.217
78.5	357.531	339.896	318.643	304.022	297.842
79.0	337.786	321.356	301.611	288.045	282.619
79.5	318.191	303.118	284.880	272.369	267.546
80.0	299.048	285.181	268.601	256.693	252.322
80.5	280.056	267.546	252.473	241.168	236.797
81.0	261.667	250.212	236.194	225.944	221.573
81.5	243.730	233.330	220.518	211.173	207.103
82.0	226.095	217.051	205.596	197.004	193.236
82.5	208.912	201.074	190.824	183.288	179.821

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**CANDELA TABULATION - (Cont.)**

83.0	192.030	185.247	176.354	169.420	166.707
83.5	175.450	169.571	161.733	155.704	153.594
84.0	159.321	154.498	147.112	142.138	140.179
84.5	143.646	139.727	132.944	128.874	127.216
85.0	128.271	125.257	119.680	116.062	115.308
85.5	113.198	110.937	106.717	104.004	104.154
86.0	98.577	96.769	94.055	92.850	92.850
86.5	84.409	83.203	81.394	81.093	81.394
87.0	70.542	70.089	69.034	69.034	69.486
87.5	57.277	56.825	56.976	57.730	58.031
88.0	44.465	44.767	46.123	47.178	47.631
88.5	32.558	33.613	36.175	36.477	36.778
89.0	22.007	23.665	25.172	22.760	22.609
89.5	15.224	15.676	11.757	11.154	12.360
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-L10-840-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-L10-840-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-L10-840-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1301.69	N.A.	15.70
0-30	2664.93	N.A.	32.10
0-40	4182.67	N.A.	50.40
0-60	6819.74	N.A.	82.20
0-80	8160.57	N.A.	98.30
0-90	8297.91	N.A.	100.00
10-90	7953.01	N.A.	95.80
20-40	2880.98	N.A.	34.70
20-50	4321.2	N.A.	52.10
40-70	3498.71	N.A.	42.20
60-80	1340.83	N.A.	16.20
70-80	479.19	N.A.	5.80
80-90	137.34	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	8297.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	344.90
10-20	956.79
20-30	1363.24
30-40	1517.74
40-50	1440.22
50-60	1196.85
60-70	861.64
70-80	479.19
80-90	137.34
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-L10-840-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-L10-840-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

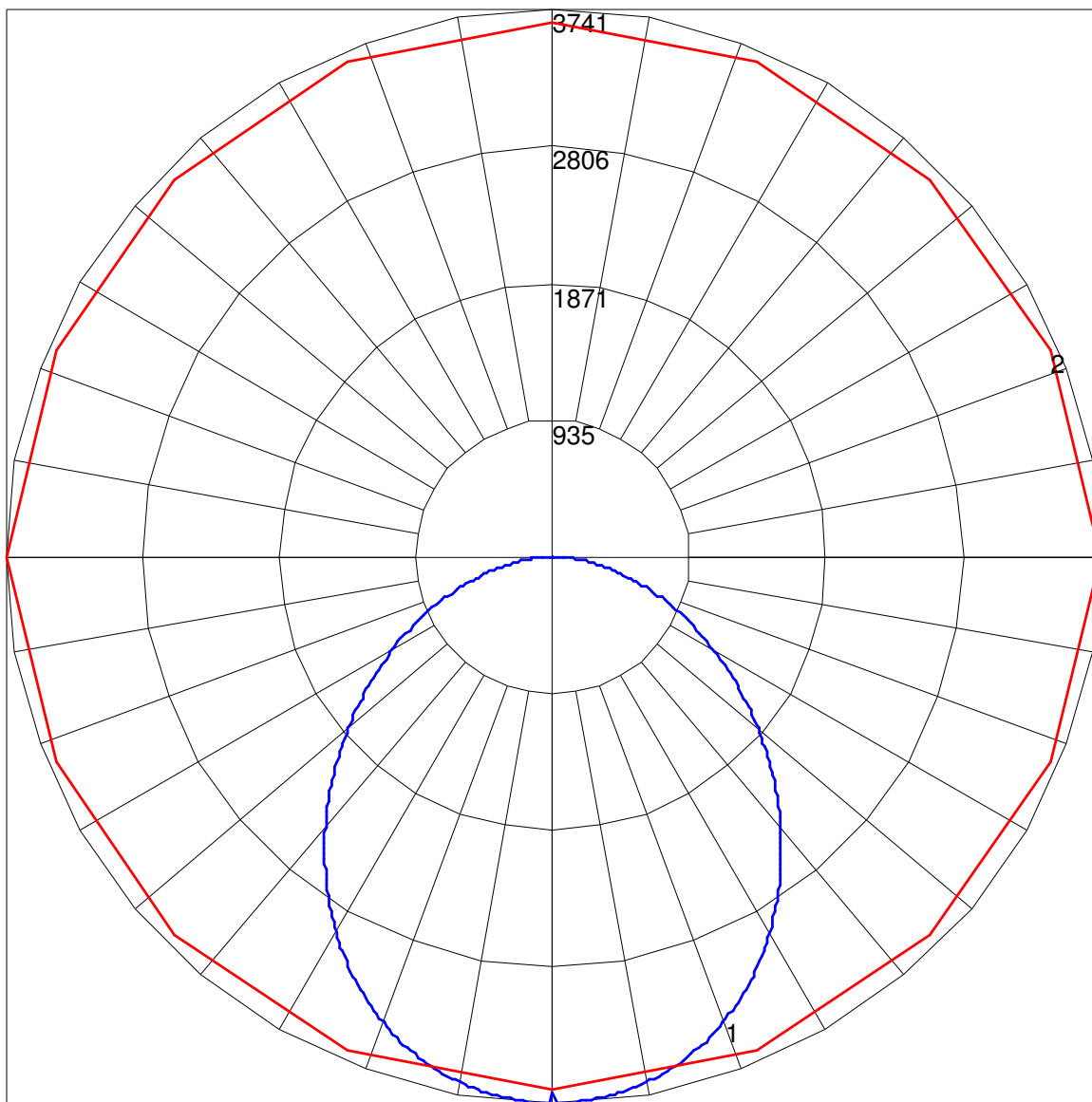
Reflectances

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	22.5	24.1	22.9	24.4	24.7	21.4	22.9	21.7	23.2	23.5
	3H	24.2	25.6	24.6	26.0	26.3	23.0	24.4	23.4	24.8	25.1
	4H	24.8	26.2	25.2	26.5	26.9	23.6	25.0	24.0	25.3	25.7
	6H	25.3	26.5	25.7	26.9	27.3	24.1	25.3	24.5	25.7	26.1
	8H	25.4	26.6	25.9	27.0	27.4	24.2	25.4	24.7	25.8	26.2
	12H	25.5	26.7	26.0	27.0	27.5	24.3	25.5	24.8	25.9	26.3
4H	2H	23.0	24.3	23.4	24.6	25.0	22.0	23.3	22.4	23.7	24.1
	3H	24.9	26.0	25.3	26.4	26.8	23.9	25.0	24.3	25.4	25.8
	4H	25.7	26.7	26.1	27.1	27.5	24.6	25.6	25.1	26.1	26.5
	6H	26.2	27.1	26.7	27.6	28.0	25.2	26.1	25.7	26.5	27.0
	8H	26.4	27.2	26.9	27.7	28.2	25.4	26.2	25.9	26.7	27.1
	12H	26.6	27.3	27.1	27.8	28.3	25.6	26.3	26.1	26.8	27.2
8H	4H	25.9	26.7	26.3	27.1	27.6	25.0	25.8	25.4	26.2	26.7
	6H	26.6	27.2	27.1	27.7	28.2	25.7	26.3	26.2	26.8	27.3
	8H	26.8	27.4	27.3	27.9	28.4	25.9	26.5	26.4	27.1	27.5
	12H	27.1	27.6	27.6	28.1	28.6	26.2	26.7	26.7	27.2	27.8
12H	4H	25.9	26.6	26.4	27.1	27.6	25.0	25.7	25.5	26.2	26.7
	6H	26.6	27.2	27.1	27.7	28.2	25.7	26.4	26.3	26.8	27.4
	8H	26.9	27.5	27.4	28.0	28.5	26.1	26.6	26.6	27.1	27.7

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 3741.116 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.)