



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX3-8-L10-835-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] 31 AUG, 2021

[MANUFAC] WILLIAMS INDOOR

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

[LUMCAT] LRX3-8-L10-835-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 met

[MORE] hod 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	8102
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	71.4
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	15776	12370	10653
55	13548	10317	9034
65	11286	8724	7811
75	8860	7216	6675
85	6345	5741	5656

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX3-8-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	3845.552	3845.552	3845.552	3845.552	3845.552
0.5	3900.338	3847.660	3828.695	3843.445	3828.695
1.0	3900.338	3847.660	3826.588	3843.445	3826.588
1.5	3900.338	3845.552	3824.481	3841.338	3826.588
2.0	3898.231	3843.445	3824.481	3839.231	3822.374
2.5	3896.124	3841.338	3820.267	3835.017	3820.267
3.0	3894.017	3839.231	3818.159	3832.909	3816.052
3.5	3891.910	3837.124	3813.945	3828.695	3809.731
4.0	3887.695	3832.909	3809.731	3822.374	3803.409
4.5	3885.588	3828.695	3803.409	3816.052	3797.088
5.0	3881.374	3824.481	3799.195	3809.731	3788.659
5.5	3877.160	3820.267	3792.874	3801.302	3780.231
6.0	3872.945	3813.945	3784.445	3792.874	3771.802
6.5	3868.731	3807.624	3778.124	3782.338	3761.266
7.0	3862.410	3803.409	3769.695	3771.802	3750.731
7.5	3858.195	3794.981	3761.266	3761.266	3738.088
8.0	3851.874	3788.659	3750.731	3748.623	3725.445
8.5	3845.552	3782.338	3742.302	3735.980	3712.802
9.0	3839.231	3773.909	3729.659	3721.230	3698.052
9.5	3832.909	3765.481	3719.123	3706.480	3683.302
10.0	3824.481	3757.052	3706.480	3691.730	3666.444
10.5	3816.052	3746.516	3693.837	3676.980	3649.587
11.0	3807.624	3738.088	3681.195	3658.016	3630.623
11.5	3799.195	3727.552	3666.444	3641.159	3611.659
12.0	3788.659	3714.909	3651.694	3622.194	3590.587
12.5	3778.124	3704.373	3636.944	3603.230	3571.623
13.0	3769.695	3691.730	3620.087	3584.266	3550.551
13.5	3759.159	3681.195	3603.230	3563.194	3527.372
14.0	3746.516	3666.444	3586.373	3542.122	3504.194
14.5	3733.873	3653.802	3569.515	3518.944	3481.015
15.0	3723.338	3641.159	3550.551	3495.765	3455.729
15.5	3710.695	3626.409	3531.587	3472.586	3430.443
16.0	3695.945	3611.659	3510.515	3447.301	3405.158
16.5	3683.302	3594.801	3491.551	3422.015	3377.765
17.0	3668.552	3580.051	3470.479	3396.729	3350.372
17.5	3653.802	3563.194	3449.408	3369.336	3322.979
18.0	3641.159	3548.444	3426.229	3341.943	3291.371
18.5	3626.409	3529.480	3403.050	3312.443	3261.871
19.0	3611.659	3512.622	3379.872	3282.943	3230.264
19.5	3594.801	3493.658	3356.693	3253.443	3196.550
20.0	3577.944	3474.694	3331.407	3221.835	3162.835
20.5	3561.087	3455.729	3306.121	3190.228	3129.121
21.0	3544.230	3436.765	3278.728	3156.514	3095.406
21.5	3525.265	3415.693	3253.443	3124.906	3059.585
22.0	3508.408	3394.622	3228.157	3091.192	3025.870
22.5	3489.444	3373.550	3198.657	3055.370	2990.049
23.0	3470.479	3352.479	3171.264	3021.656	2954.227
23.5	3449.408	3329.300	3141.764	2987.942	2920.513
24.0	3428.336	3306.121	3112.263	2954.227	2884.691
24.5	3407.265	3282.943	3084.871	2918.405	2848.869
25.0	3388.300	3259.764	3053.263	2884.691	2810.941
25.5	3365.122	3236.585	3023.763	2850.977	2775.119
26.0	3344.050	3211.300	2992.156	2815.155	2739.298
26.5	3320.872	3186.014	2962.656	2781.441	2703.476

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX3-8-L10-835-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

27.0	3297.693	3160.728	2931.048	2747.726	2667.654
27.5	3274.514	3133.335	2899.441	2711.905	2631.833
28.0	3251.336	3108.049	2867.834	2678.190	2596.011
28.5	3226.050	3080.656	2836.227	2642.369	2560.190
29.0	3202.871	3053.263	2804.619	2608.654	2526.475
29.5	3177.585	3025.870	2773.012	2572.833	2490.654
30.0	3152.299	2998.477	2741.405	2539.118	2454.832
30.5	3127.014	2971.084	2707.690	2503.297	2421.118
31.0	3101.728	2941.584	2676.083	2467.475	2385.296
31.5	3074.335	2912.084	2642.369	2433.761	2349.474
32.0	3046.942	2882.584	2608.654	2397.939	2315.760
32.5	3019.549	2853.084	2574.940	2364.225	2282.046
33.0	2990.049	2823.584	2541.225	2328.403	2248.331
33.5	2962.656	2791.976	2507.511	2294.689	2212.510
34.0	2933.156	2762.476	2473.796	2258.867	2178.795
34.5	2905.763	2730.869	2440.082	2223.045	2142.974
35.0	2876.262	2699.262	2404.260	2189.331	2109.259
35.5	2844.655	2667.654	2370.546	2155.616	2076.388
36.0	2815.155	2636.047	2336.832	2121.902	2043.095
36.5	2783.548	2602.333	2303.117	2087.766	2010.434
37.0	2754.048	2570.725	2269.403	2054.262	1977.773
37.5	2722.440	2539.118	2235.688	2021.602	1944.691
38.0	2690.833	2505.404	2201.974	1988.941	1912.873
38.5	2659.226	2473.796	2168.259	1956.912	1880.844
39.0	2627.619	2440.082	2136.652	1925.094	1849.869
39.5	2596.011	2406.368	2102.938	1893.487	1818.683
40.0	2562.297	2372.653	2069.855	1862.301	1788.761
40.5	2530.690	2338.939	2037.195	1831.326	1758.840
41.0	2496.975	2305.224	2004.744	1800.983	1729.550
41.5	2465.368	2271.510	1972.716	1770.851	1700.050
42.0	2431.653	2239.903	1940.476	1741.140	1671.393
42.5	2397.939	2206.188	1908.026	1711.429	1642.946
43.0	2366.332	2172.474	1875.787	1681.718	1614.921
43.5	2332.617	2138.759	1844.179	1652.850	1587.318
44.0	2298.903	2105.466	1812.361	1623.982	1559.925
44.5	2265.188	2072.384	1780.965	1595.535	1533.164
45.0	2231.474	2038.670	1749.779	1567.300	1506.824
45.5	2197.760	2005.587	1718.593	1539.696	1480.906
46.0	2164.045	1971.873	1688.039	1512.303	1454.988
46.5	2128.224	1938.580	1656.854	1485.331	1429.281
47.0	2094.509	1905.498	1626.932	1458.571	1403.785
47.5	2060.162	1872.415	1597.221	1432.231	1378.499
48.0	2026.237	1839.754	1567.721	1406.103	1353.424
48.5	1992.101	1806.461	1538.432	1380.395	1328.559
49.0	1957.123	1774.011	1509.564	1355.109	1304.327
49.5	1922.565	1740.929	1480.696	1330.245	1280.095
50.0	1887.797	1708.690	1452.038	1305.381	1256.495
50.5	1853.662	1676.029	1424.013	1281.148	1232.895
51.0	1819.104	1643.579	1395.988	1256.916	1209.927
51.5	1785.601	1611.128	1368.384	1232.895	1187.169
52.0	1752.308	1578.678	1340.992	1209.295	1164.623
52.5	1718.593	1546.860	1313.809	1185.905	1142.919
53.0	1686.143	1515.464	1287.048	1162.726	1121.005
53.5	1652.639	1484.489	1260.498	1139.759	1099.512
54.0	1619.768	1453.935	1234.580	1117.001	1078.440
54.5	1586.896	1423.592	1209.084	1094.244	1057.369

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX3-8-L10-835-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

55.0	1554.446	1393.670	1183.798	1072.119	1036.508
55.5	1522.207	1363.749	1158.723	1049.994	1015.858
56.0	1490.599	1334.459	1133.858	1028.290	995.419
56.5	1458.992	1305.381	1109.416	1006.797	975.190
57.0	1427.595	1276.934	1085.394	985.726	955.172
57.5	1396.410	1248.909	1061.794	964.865	935.365
58.0	1365.013	1221.305	1038.615	944.004	915.768
58.5	1333.827	1193.912	1015.437	923.775	895.961
59.0	1302.641	1166.519	992.679	903.547	876.575
59.5	1272.088	1139.337	969.922	883.529	857.189
60.0	1241.955	1112.366	947.376	863.932	838.014
60.5	1212.245	1085.605	925.250	844.336	819.050
61.0	1182.744	1059.476	903.547	825.161	800.507
61.5	1153.455	1033.347	882.265	806.196	782.175
62.0	1124.166	1007.640	860.982	787.232	764.053
62.5	1094.876	981.933	839.700	768.478	745.932
63.0	1065.797	956.436	818.839	749.935	728.232
63.5	1037.140	931.150	798.189	731.814	710.953
64.0	1009.115	906.075	777.961	713.692	693.674
64.5	981.511	881.000	757.732	695.992	676.817
65.0	954.118	856.347	737.503	678.503	660.381
65.5	926.936	832.325	717.275	661.224	644.156
66.0	899.543	808.304	697.467	643.946	627.931
66.5	872.361	784.703	677.871	626.667	611.706
67.0	845.600	761.314	658.485	609.599	595.692
67.5	819.261	738.135	639.521	592.531	579.256
68.0	793.132	715.167	620.556	575.252	562.820
68.5	767.425	692.410	601.592	558.395	545.542
69.0	741.717	669.864	582.628	541.327	529.106
69.5	716.010	647.528	563.663	524.681	512.459
70.0	690.724	625.403	545.331	507.824	496.234
70.5	665.649	603.699	526.999	491.388	480.431
71.0	640.996	582.206	509.299	475.163	464.416
71.5	616.763	561.135	491.599	459.148	448.823
72.0	592.953	540.063	473.898	443.134	433.441
72.5	569.352	519.413	456.409	427.541	418.270
73.0	545.963	498.974	439.341	412.159	403.520
73.5	523.417	478.956	422.484	396.987	388.770
74.0	501.502	459.148	406.048	382.027	374.230
74.5	480.009	439.973	389.823	367.277	359.691
75.0	458.727	420.798	373.598	352.527	345.573
75.5	437.655	402.255	357.584	337.987	331.455
76.0	417.005	383.712	341.780	323.659	317.759
76.5	396.777	365.802	326.398	309.330	304.062
77.0	377.180	348.102	311.016	295.423	290.366
77.5	358.216	330.612	296.055	281.516	277.090
78.0	339.041	313.544	281.094	267.819	263.815
78.5	320.287	296.898	266.344	254.333	250.540
79.0	301.955	280.462	251.805	241.058	237.687
79.5	283.623	264.237	237.687	227.994	224.833
80.0	265.923	248.223	223.780	214.930	212.190
80.5	248.644	232.840	210.504	202.287	199.969
81.0	231.997	217.669	197.440	189.854	187.747
81.5	215.351	202.708	184.376	177.844	175.947
82.0	199.126	187.958	171.522	165.833	164.147
82.5	183.322	173.419	158.879	154.244	152.558

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX3-8-L10-835-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

83.0	167.940	159.511	146.447	142.654	141.390
83.5	152.979	145.815	134.436	131.486	130.222
84.0	138.651	132.329	122.847	120.318	119.476
84.5	124.743	119.265	111.258	109.361	108.940
85.0	110.625	106.411	100.090	98.615	98.615
85.5	97.140	93.768	88.922	88.290	88.711
86.0	84.075	81.336	77.965	78.175	78.597
86.5	71.643	69.536	67.218	68.272	69.115
87.0	59.843	58.368	57.104	58.790	60.054
87.5	48.254	47.411	47.200	49.518	51.204
88.0	37.086	36.875	37.718	40.668	42.143
88.5	26.339	27.182	28.447	29.922	29.500
89.0	16.436	17.700	18.122	19.807	20.861
89.5	7.586	10.114	11.800	14.539	16.225
90.0	2.529	5.057	6.321	7.796	8.639
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 : LRX3-8-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 : LRX3-8-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 : LRX3-8-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 : LRX3-8-L10-835-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1364.41	N.A.	16.80
0-30	2776.89	N.A.	34.30
0-40	4305.16	N.A.	53.10
0-60	6808.02	N.A.	84.00
0-80	7985.4	N.A.	98.60
0-90	8102.19	N.A.	100.00
10-90	7740.76	N.A.	95.50
20-40	2940.75	N.A.	36.30
20-50	4334.95	N.A.	53.50
40-70	3267.52	N.A.	40.30
60-80	1177.39	N.A.	14.50
70-80	412.73	N.A.	5.10
80-90	116.79	N.A.	1.40
90-110	0.17	N.A.	0.00
90-120	0.17	N.A.	0.00
90-130	0.17	N.A.	0.00
90-150	0.17	N.A.	0.00
90-180	0.17	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	8102.36	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	361.44
10-20	1002.97
20-30	1412.48
30-40	1528.27
40-50	1394.2
50-60	1108.66
60-70	764.66
70-80	412.73
80-90	116.79
90-100	0.17
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-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	238	238	238	238	233	233	233	233	222	222	222	213	213	213	204	204	204	200
1	219	211	203	196	214	206	199	193	198	192	187	190	185	181	183	179	176	172
2	201	186	174	163	196	182	171	161	175	166	157	169	161	154	163	156	150	146
3	185	165	150	138	180	162	148	137	157	145	135	151	141	132	146	137	130	126
4	171	148	132	119	166	146	130	118	141	127	117	136	125	115	132	122	114	110
5	158	134	117	104	154	131	116	104	127	113	103	123	111	102	120	109	100	96
6	146	121	104	92	143	119	103	92	116	102	91	113	100	90	109	98	90	86
7	136	111	94	82	133	109	93	82	106	92	82	103	91	81	101	89	80	77
8	127	102	85	74	124	100	85	74	98	84	74	95	83	73	93	81	73	69
9	119	94	78	68	117	93	78	67	90	77	67	88	76	67	86	75	66	63
10	112	87	72	62	110	86	71	62	84	71	61	82	70	61	80	69	61	57

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX3-8-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	20.8	22.3	21.1	22.6	22.9	18.8	20.3	19.2	20.6	21.0
	3H	22.4	23.7	22.7	24.1	24.4	20.4	21.8	20.8	22.1	22.5
	4H	22.9	24.2	23.3	24.5	24.9	21.0	22.3	21.4	22.6	23.0
	6H	23.3	24.5	23.7	24.9	25.3	21.4	22.6	21.8	23.0	23.4
	8H	23.4	24.6	23.8	25.0	25.4	21.6	22.7	22.0	23.1	23.5
	12H	23.5	24.6	23.9	25.0	25.4	21.7	22.8	22.1	23.2	23.6

UGR Viewed Endwise

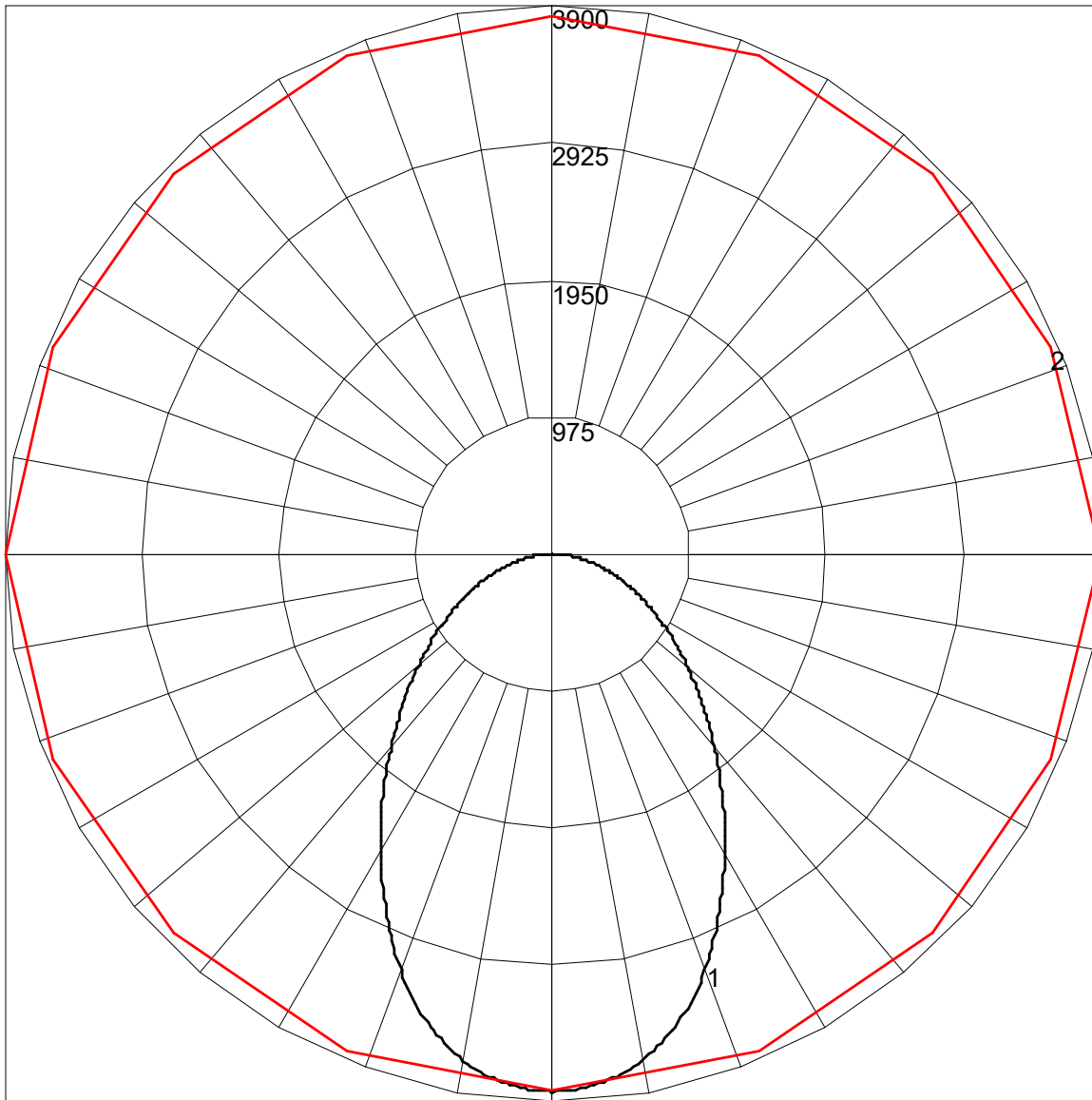
4H	2H	21.1	22.4	21.5	22.7	23.1	19.5	20.8	19.9	21.1	21.5
	3H	22.9	24.0	23.3	24.4	24.8	21.3	22.4	21.7	22.8	23.2
	4H	23.6	24.6	24.0	25.0	25.4	22.0	22.9	22.4	23.4	23.8
	6H	24.1	25.0	24.6	25.4	25.9	22.5	23.4	23.0	23.8	24.3
	8H	24.3	25.1	24.7	25.5	26.0	22.7	23.5	23.2	24.0	24.4
	12H	24.4	25.1	24.9	25.6	26.1	22.9	23.6	23.4	24.1	24.5

8H	4H	23.7	24.5	24.2	25.0	25.4	22.3	23.1	22.8	23.5	24.0
	6H	24.4	25.0	24.9	25.5	26.0	23.0	23.6	23.5	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	23.5	24.0	24.0	24.5	25.1

12H	4H	23.8	24.5	24.2	24.9	25.4	22.3	23.0	22.8	23.5	24.0
	6H	24.4	25.0	24.9	25.5	26.0	23.0	23.6	23.6	24.1	24.6
	8H	24.7	25.2	25.2	25.7	26.3	23.4	23.9	23.9	24.4	24.9

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 3900.338 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.)