

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-930-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-8-L12-930-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 8' suspended linear fixture (CRS construction

[MORE]) with diffused acrylic shielding

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[OTHER] The reported results were measured in a facility that meets the

[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no

[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7905
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	79.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9641	8547	7567
55	8439	7294	6195
65	7180	6000	4984
75	5765	4505	3669
85	3733	2314	1771

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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	3661.526	3661.526	3661.526	3661.526	3661.526
0.5	3679.426	3653.571	3662.521	3659.537	3657.548
1.0	3678.432	3652.576	3661.526	3658.543	3656.554
1.5	3677.437	3650.587	3660.532	3656.554	3654.565
2.0	3675.448	3649.593	3657.548	3652.576	3653.571
2.5	3674.454	3647.604	3655.560	3650.587	3649.593
3.0	3671.471	3644.621	3652.576	3645.615	3644.621
3.5	3669.482	3641.637	3648.598	3641.637	3639.649
4.0	3664.509	3637.660	3644.621	3636.665	3633.682
4.5	3662.521	3633.682	3639.649	3630.699	3626.721
5.0	3657.548	3629.704	3633.682	3624.732	3620.754
5.5	3655.560	3623.737	3627.715	3616.776	3611.804
6.0	3646.610	3618.765	3620.754	3608.821	3603.849
6.5	3641.637	3613.793	3612.799	3599.871	3593.904
7.0	3635.671	3606.832	3605.838	3590.921	3584.954
7.5	3629.704	3599.871	3596.888	3580.977	3574.016
8.0	3622.743	3591.915	3588.932	3570.038	3562.082
8.5	3615.782	3584.954	3579.982	3558.104	3550.149
9.0	3607.826	3576.999	3569.043	3546.171	3538.216
9.5	3598.876	3567.054	3559.099	3533.243	3524.294
10.0	3591.915	3558.104	3547.166	3521.310	3511.366
10.5	3580.977	3548.160	3536.227	3508.382	3497.444
11.0	3571.032	3538.216	3523.299	3493.466	3483.522
11.5	3561.088	3527.277	3510.371	3478.549	3466.616
12.0	3550.149	3516.338	3497.444	3462.638	3450.705
12.5	3537.221	3503.410	3483.522	3446.727	3432.805
13.0	3526.282	3491.477	3468.605	3429.822	3415.900
13.5	3515.344	3478.549	3453.688	3412.916	3398.994
14.0	3501.421	3465.622	3438.772	3394.022	3379.105
14.5	3489.488	3450.705	3421.866	3376.122	3360.211
15.0	3475.566	3436.783	3404.961	3357.228	3340.322
15.5	3461.644	3421.866	3388.055	3337.339	3320.433
16.0	3446.727	3406.950	3370.155	3317.450	3298.556
16.5	3432.805	3392.033	3352.255	3296.567	3277.673
17.0	3416.894	3375.128	3333.361	3275.684	3254.800
17.5	3401.977	3358.222	3315.461	3253.806	3231.928
18.0	3385.072	3342.311	3295.572	3231.928	3209.056
18.5	3370.155	3324.411	3275.684	3209.056	3184.195
19.0	3352.255	3306.511	3254.800	3185.190	3159.334
19.5	3335.350	3288.611	3233.917	3162.318	3134.473
20.0	3317.450	3269.717	3212.040	3138.451	3109.612
20.5	3299.550	3250.823	3190.162	3113.590	3083.757
21.0	3280.656	3231.928	3168.284	3088.729	3056.907
21.5	3262.756	3211.045	3145.412	3062.874	3031.052
22.0	3242.867	3191.156	3121.546	3037.018	3005.196
22.5	3222.978	3170.273	3097.679	3011.163	2977.352
23.0	3204.084	3150.384	3074.807	2983.318	2949.508
23.5	3184.195	3128.507	3049.946	2956.469	2921.663
24.0	3163.312	3106.629	3025.085	2929.619	2892.824
24.5	3142.429	3084.751	2999.229	2901.774	2864.980
25.0	3120.551	3062.874	2974.368	2873.930	2836.141
25.5	3097.679	3039.007	2948.513	2845.091	2805.314
26.0	3075.801	3016.135	2920.669	2816.253	2775.481
26.5	3053.924	2992.268	2894.813	2787.414	2744.653

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CANDELA TABULATION - (Cont.)

27.0	3030.057	2968.402	2866.969	2757.581	2714.820
27.5	3005.196	2943.541	2840.119	2727.748	2684.987
28.0	2982.324	2919.674	2812.275	2696.920	2653.165
28.5	2958.457	2894.813	2785.425	2667.087	2622.337
29.0	2934.591	2869.952	2757.581	2636.259	2592.504
29.5	2906.747	2844.097	2728.742	2605.431	2560.682
30.0	2879.897	2817.247	2699.903	2574.604	2529.854
30.5	2855.036	2791.392	2672.059	2544.771	2498.032
31.0	2829.180	2765.536	2643.220	2513.943	2466.210
31.5	2804.319	2738.686	2614.381	2482.121	2434.388
32.0	2776.475	2711.836	2584.548	2451.293	2403.560
32.5	2750.620	2683.992	2555.709	2419.471	2370.744
33.0	2723.770	2657.142	2524.882	2388.644	2339.916
33.5	2696.920	2629.298	2497.038	2356.822	2306.105
34.0	2671.064	2601.454	2466.210	2325.994	2275.278
34.5	2644.215	2574.604	2436.377	2295.166	2244.450
35.0	2617.365	2545.765	2405.549	2263.344	2212.628
35.5	2589.520	2516.926	2375.716	2233.511	2179.811
36.0	2563.665	2489.082	2345.883	2201.689	2149.978
36.5	2535.821	2460.243	2315.055	2170.861	2118.156
37.0	2506.982	2431.405	2286.216	2140.034	2088.323
37.5	2479.138	2402.566	2256.383	2108.212	2056.501
38.0	2451.293	2372.733	2225.556	2077.384	2024.679
38.5	2422.455	2344.888	2195.722	2046.556	1993.851
39.0	2392.621	2315.055	2165.889	2015.729	1963.024
39.5	2364.777	2286.216	2135.062	1984.901	1932.196
40.0	2335.938	2256.383	2105.228	1956.062	1902.363
40.5	2305.111	2227.544	2074.401	1925.235	1870.541
41.0	2276.272	2197.711	2044.568	1894.407	1837.724
41.5	2247.433	2168.873	2014.734	1863.580	1806.897
42.0	2216.606	2139.039	1984.901	1831.758	1775.074
42.5	2184.784	2108.212	1955.068	1801.924	1744.247
43.0	2154.950	2078.379	1925.235	1769.108	1713.419
43.5	2126.112	2049.540	1895.402	1738.280	1684.580
44.0	2094.290	2019.707	1865.568	1709.441	1654.747
44.5	2064.456	1989.873	1832.752	1679.608	1624.914
45.0	2033.629	1961.035	1802.919	1650.770	1596.075
45.5	2002.801	1930.207	1772.091	1621.931	1566.242
46.0	1972.968	1901.368	1743.252	1593.092	1537.403
46.5	1943.135	1871.535	1714.414	1565.248	1509.559
47.0	1912.307	1841.702	1685.575	1536.409	1480.720
47.5	1881.480	1809.880	1657.731	1508.565	1452.876
48.0	1851.646	1779.052	1629.886	1480.720	1424.037
48.5	1820.819	1750.213	1601.048	1452.876	1396.193
49.0	1788.002	1720.380	1573.203	1425.032	1369.343
49.5	1759.163	1692.536	1546.353	1397.187	1342.493
50.0	1729.330	1663.697	1518.509	1370.338	1315.643
50.5	1701.486	1634.859	1490.665	1343.488	1288.794
51.0	1671.653	1607.014	1462.820	1315.643	1261.944
51.5	1642.814	1578.175	1435.971	1289.788	1236.088
52.0	1614.970	1549.337	1408.126	1262.938	1210.233
52.5	1586.131	1521.492	1381.276	1237.083	1185.372
53.0	1557.292	1493.648	1354.427	1211.227	1160.511
53.5	1528.453	1465.804	1328.571	1185.372	1134.655
54.0	1500.609	1437.959	1300.727	1160.511	1109.794
54.5	1471.770	1411.110	1274.871	1134.655	1084.933

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CANDELA TABULATION - (Cont.)

55.0	1443.926	1383.265	1248.022	1110.789	1060.072
55.5	1415.087	1356.415	1222.166	1084.933	1036.206
56.0	1386.249	1328.571	1196.311	1061.067	1012.339
56.5	1358.404	1301.721	1170.455	1037.200	989.965
57.0	1329.566	1274.871	1143.605	1013.334	966.396
57.5	1301.721	1249.016	1118.744	989.467	943.425
58.0	1273.877	1222.166	1092.889	965.999	920.851
58.5	1246.033	1195.316	1067.034	942.828	898.277
59.0	1218.188	1169.461	1042.173	920.055	875.902
59.5	1190.344	1143.605	1017.312	897.283	854.124
60.0	1163.494	1117.750	992.252	874.411	832.445
60.5	1136.644	1091.895	967.987	852.135	810.767
61.0	1109.794	1067.034	943.226	830.059	789.486
61.5	1083.939	1041.178	919.160	807.783	768.503
62.0	1057.089	1015.323	894.896	786.502	748.216
62.5	1031.234	990.760	871.427	765.122	727.532
63.0	1005.378	966.197	848.058	743.841	707.245
63.5	980.020	941.635	824.689	722.361	686.760
64.0	955.358	917.271	801.916	701.676	667.070
64.5	929.900	892.907	778.944	681.092	647.480
65.0	905.238	869.041	756.371	660.507	628.386
65.5	880.775	844.876	733.598	640.320	608.895
66.0	856.411	820.910	711.621	620.630	589.802
66.5	832.246	797.242	689.544	600.641	570.510
67.0	807.783	773.773	667.766	580.852	552.013
67.5	783.320	750.305	646.286	561.759	533.517
68.0	759.851	727.234	624.607	542.566	514.821
68.5	735.885	704.361	603.426	523.672	496.822
69.0	712.118	681.489	582.443	504.877	478.922
69.5	689.047	658.717	561.958	486.281	461.519
70.0	665.678	636.043	541.075	468.083	443.918
70.5	642.607	613.768	520.589	449.984	426.913
71.0	619.536	591.691	500.700	432.382	409.709
71.5	596.962	569.416	480.811	414.880	393.102
72.0	574.488	547.737	461.122	397.477	376.495
72.5	552.113	526.257	441.531	380.473	360.385
73.0	530.335	505.076	422.338	363.368	344.573
73.5	508.556	483.596	403.444	347.059	328.762
74.0	487.176	462.514	384.749	330.651	313.050
74.5	465.994	441.829	366.252	314.740	298.133
75.0	445.111	421.443	347.855	298.730	283.316
75.5	424.626	401.455	330.054	283.515	268.598
76.0	404.637	381.666	312.652	268.300	254.378
76.5	384.550	361.877	295.249	253.682	240.455
77.0	365.556	342.584	278.542	239.063	226.633
77.5	346.264	323.591	261.935	224.942	213.108
78.0	327.071	304.895	245.527	211.120	200.280
78.5	308.077	286.399	229.815	197.695	187.253
79.0	289.979	268.598	214.401	184.469	174.723
79.5	272.178	250.499	199.385	171.242	162.491
80.0	254.477	233.196	184.469	158.812	150.658
80.5	236.875	215.992	169.950	146.481	138.923
81.0	219.871	199.286	156.028	134.747	127.785
81.5	203.065	183.076	142.404	123.112	116.747
82.0	186.855	166.668	129.476	111.775	105.808
82.5	171.044	151.155	116.747	100.737	95.367

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CANDELA TABULATION - (Cont.)

83.0	155.431	135.840	104.416	89.997	84.726
83.5	140.017	121.222	92.781	79.456	74.583
84.0	125.299	106.902	81.445	69.114	64.738
84.5	110.781	93.378	70.605	59.269	55.291
85.0	97.057	80.351	60.164	50.020	46.043
85.5	83.732	67.821	50.219	40.573	36.098
86.0	71.202	55.887	41.269	30.828	25.159
86.5	58.771	45.148	32.618	19.491	15.513
87.0	47.335	35.004	23.270	12.331	11.038
87.5	36.695	26.054	13.425	9.447	8.652
88.0	26.850	17.800	8.453	7.259	6.762
88.5	18.497	9.944	6.265	5.271	4.674
89.0	11.635	4.972	4.177	3.381	2.983
89.5	5.768	2.685	2.287	1.691	1.492
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 : LRX4X-8-L12-930-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 : LRX4X-8-L12-930-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 : LRX4X-8-L12-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1300.61	N.A.	16.50
0-30	2666.01	N.A.	33.70
0-40	4170.09	N.A.	52.80
0-60	6682.75	N.A.	84.50
0-80	7822.94	N.A.	99.00
0-90	7904.8	N.A.	100.00
10-90	7560.93	N.A.	95.60
20-40	2869.49	N.A.	36.30
20-50	4264.27	N.A.	53.90
40-70	3270.3	N.A.	41.40
60-80	1140.19	N.A.	14.40
70-80	382.54	N.A.	4.80
80-90	81.87	N.A.	1.00
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	7904.8	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	343.87
10-20	956.73
20-30	1365.4
30-40	1504.08
40-50	1394.78
50-60	1117.87
60-70	757.65
70-80	382.54
80-90	81.87
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 : LRX4X-8-L12-930-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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	51	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L12-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

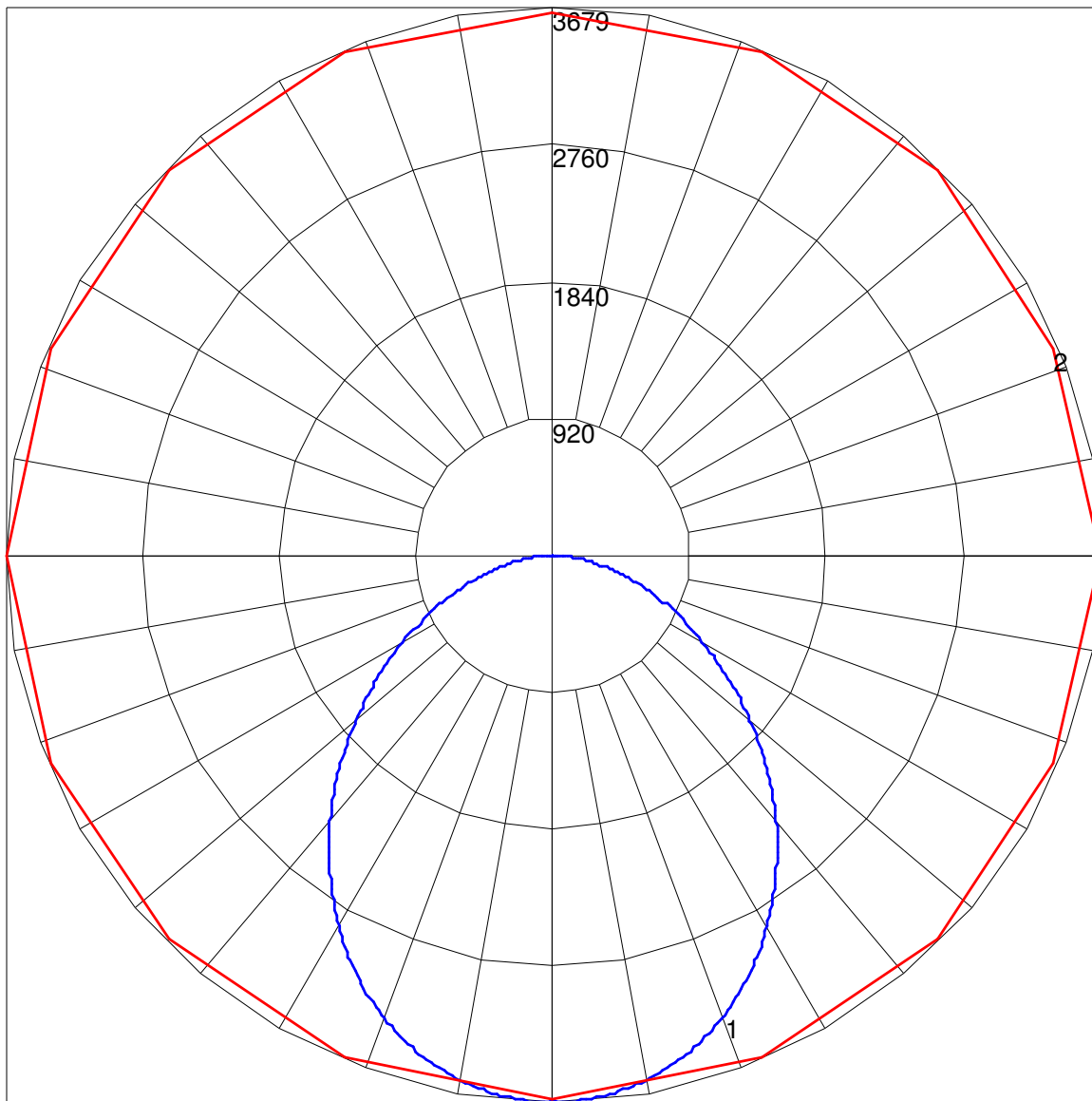
Reflectances

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	19.3	20.9	19.7	21.2	21.5	17.6	19.1	18.0	19.4	19.8
	3H	20.9	22.3	21.3	22.6	23.0	18.9	20.3	19.3	20.6	21.0
	4H	21.5	22.8	21.9	23.1	23.5	19.4	20.7	19.8	21.0	21.4
	6H	21.8	23.0	22.2	23.4	23.8	19.6	20.8	20.0	21.2	21.6
	8H	21.9	23.1	22.4	23.5	23.9	19.7	20.8	20.1	21.2	21.6
	12H	22.0	23.1	22.4	23.5	23.9	19.7	20.8	20.1	21.2	21.6
4H	2H	19.7	21.0	20.1	21.3	21.7	18.3	19.6	18.7	19.9	20.3
	3H	21.5	22.6	21.9	23.0	23.4	19.8	20.9	20.2	21.3	21.7
	4H	22.2	23.1	22.6	23.6	24.0	20.3	21.3	20.7	21.7	22.1
	6H	22.7	23.5	23.1	24.0	24.4	20.7	21.5	21.1	22.0	22.4
	8H	22.8	23.6	23.3	24.1	24.5	20.7	21.5	21.2	22.0	22.4
	12H	22.9	23.6	23.4	24.1	24.6	20.8	21.5	21.3	22.0	22.4
8H	4H	22.3	23.1	22.8	23.5	24.0	20.6	21.4	21.1	21.9	22.3
	6H	22.9	23.5	23.4	24.0	24.5	21.0	21.7	21.5	22.2	22.7
	8H	23.1	23.7	23.6	24.2	24.7	21.2	21.8	21.7	22.3	22.8
	12H	23.2	23.7	23.7	24.2	24.8	21.2	21.8	21.7	22.2	22.8
12H	4H	22.3	23.0	22.8	23.5	23.9	20.7	21.4	21.1	21.8	22.3
	6H	22.9	23.5	23.4	23.9	24.5	21.1	21.7	21.6	22.2	22.7
	8H	23.1	23.6	23.6	24.1	24.7	21.3	21.8	21.8	22.3	22.8

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 3679.426 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.)