

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-935-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-L12-935-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	8001
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
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	9758	8651	7659
55	8542	7383	6271
65	7268	6073	5045
75	5835	4560	3714
85	3779	2342	1792

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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	3706.180	3706.180	3706.180	3706.180	3706.180
0.5	3724.298	3698.127	3707.186	3704.167	3702.153
1.0	3723.291	3697.121	3706.180	3703.160	3701.147
1.5	3722.285	3695.107	3705.173	3701.147	3699.134
2.0	3720.272	3694.101	3702.153	3697.121	3698.127
2.5	3719.265	3692.088	3700.140	3695.107	3694.101
3.0	3716.245	3689.068	3697.121	3690.075	3689.068
3.5	3714.232	3686.048	3693.094	3686.048	3684.035
4.0	3709.199	3682.022	3689.068	3681.016	3677.996
4.5	3707.186	3677.996	3684.035	3674.976	3670.950
5.0	3702.153	3673.970	3677.996	3668.937	3664.910
5.5	3700.140	3667.930	3671.956	3660.884	3655.851
6.0	3691.081	3662.897	3664.910	3652.832	3647.799
6.5	3686.048	3657.864	3656.858	3643.773	3637.733
7.0	3680.009	3650.819	3649.812	3634.713	3628.674
7.5	3673.970	3643.773	3640.753	3624.648	3617.602
8.0	3666.924	3635.720	3632.700	3613.576	3605.523
8.5	3659.878	3628.674	3623.641	3601.497	3593.444
9.0	3651.825	3620.622	3612.569	3589.418	3581.365
9.5	3642.766	3610.556	3602.503	3576.333	3567.273
10.0	3635.720	3601.497	3590.424	3564.254	3554.188
10.5	3624.648	3591.431	3579.352	3551.168	3540.096
11.0	3614.582	3581.365	3566.267	3536.070	3526.004
11.5	3604.516	3570.293	3553.182	3520.971	3508.893
12.0	3593.444	3559.221	3540.096	3504.866	3492.787
12.5	3580.359	3546.136	3526.004	3488.761	3474.669
13.0	3569.287	3534.057	3510.906	3471.650	3457.558
13.5	3558.214	3520.971	3495.807	3454.538	3440.446
14.0	3544.122	3507.886	3480.709	3435.413	3420.315
14.5	3532.044	3492.787	3463.597	3417.295	3401.190
15.0	3517.952	3478.696	3446.485	3398.170	3381.059
15.5	3503.860	3463.597	3429.374	3378.039	3360.927
16.0	3488.761	3448.499	3411.256	3357.908	3338.783
16.5	3474.669	3433.400	3393.137	3336.770	3317.645
17.0	3458.564	3416.288	3374.013	3315.632	3294.494
17.5	3443.466	3399.177	3355.894	3293.487	3271.343
18.0	3426.354	3383.072	3335.763	3271.343	3248.192
18.5	3411.256	3364.953	3315.632	3248.192	3223.028
19.0	3393.137	3346.835	3294.494	3224.034	3197.863
19.5	3376.026	3328.717	3273.356	3200.883	3172.699
20.0	3357.908	3309.592	3251.211	3176.725	3147.535
20.5	3339.789	3290.468	3229.067	3151.561	3121.364
21.0	3320.665	3271.343	3206.922	3126.397	3094.187
21.5	3302.546	3250.205	3183.771	3100.226	3068.016
22.0	3282.415	3230.074	3159.614	3074.056	3041.845
22.5	3262.284	3208.936	3135.456	3047.885	3013.662
23.0	3243.159	3188.804	3112.305	3019.701	2985.478
23.5	3223.028	3166.660	3087.141	2992.524	2957.294
24.0	3201.890	3144.515	3061.977	2965.346	2928.103
24.5	3180.752	3122.371	3035.806	2937.163	2899.920
25.0	3158.607	3100.226	3010.642	2908.979	2870.729
25.5	3135.456	3076.069	2984.471	2879.788	2839.526
26.0	3113.312	3052.918	2956.287	2850.598	2809.329
26.5	3091.167	3028.760	2930.117	2821.407	2778.125

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CANDELA TABULATION - (Cont.)

27.0	3067.010	3004.602	2901.933	2791.210	2747.928
27.5	3041.845	2979.438	2874.755	2761.013	2717.731
28.0	3018.694	2955.281	2846.571	2729.810	2685.521
28.5	2994.537	2930.117	2819.394	2699.613	2654.317
29.0	2970.379	2904.952	2791.210	2668.409	2624.120
29.5	2942.195	2878.782	2762.020	2637.206	2591.910
30.0	2915.018	2851.604	2732.829	2606.002	2560.706
30.5	2889.854	2825.434	2704.646	2575.805	2528.496
31.0	2863.683	2799.263	2675.455	2544.601	2496.286
31.5	2838.519	2772.086	2646.265	2512.391	2464.076
32.0	2810.335	2744.908	2616.068	2481.188	2432.872
32.5	2784.164	2716.724	2586.877	2448.978	2399.656
33.0	2756.987	2689.547	2555.674	2417.774	2368.452
33.5	2729.810	2661.363	2527.490	2385.564	2334.229
34.0	2703.639	2633.179	2496.286	2354.360	2303.025
34.5	2676.462	2606.002	2466.089	2323.157	2271.822
35.0	2649.284	2576.812	2434.886	2290.946	2239.612
35.5	2621.100	2547.621	2404.689	2260.749	2206.395
36.0	2594.930	2519.437	2374.492	2228.539	2176.198
36.5	2566.746	2490.247	2343.288	2197.336	2143.988
37.0	2537.555	2461.056	2314.098	2166.132	2113.791
37.5	2509.372	2431.866	2283.901	2133.922	2081.581
38.0	2481.188	2401.669	2252.697	2102.718	2049.370
38.5	2451.997	2373.485	2222.500	2071.515	2018.167
39.0	2421.800	2343.288	2192.303	2040.311	1986.963
39.5	2393.616	2314.098	2161.099	2009.108	1955.760
40.0	2364.426	2283.901	2130.902	1979.917	1925.563
40.5	2333.222	2254.710	2099.699	1948.714	1893.353
41.0	2304.032	2224.513	2069.502	1917.510	1860.136
41.5	2274.841	2195.323	2039.305	1886.307	1828.932
42.0	2243.638	2165.126	2009.108	1854.096	1796.722
42.5	2211.428	2133.922	1978.911	1823.899	1765.519
43.0	2181.231	2103.725	1948.714	1790.683	1734.315
43.5	2152.040	2074.535	1918.517	1759.479	1705.125
44.0	2119.830	2044.338	1888.320	1730.289	1674.927
44.5	2089.633	2014.141	1855.103	1700.092	1644.730
45.0	2058.430	1984.950	1824.906	1670.901	1615.540
45.5	2027.226	1953.747	1793.702	1641.711	1585.343
46.0	1997.029	1924.556	1764.512	1612.520	1556.153
46.5	1966.832	1894.359	1735.322	1584.336	1527.969
47.0	1935.628	1864.162	1706.131	1555.146	1498.778
47.5	1904.425	1831.952	1677.947	1526.962	1470.594
48.0	1874.228	1800.748	1649.763	1498.778	1441.404
48.5	1843.024	1771.558	1620.573	1470.594	1413.220
49.0	1809.807	1741.361	1592.389	1442.411	1386.043
49.5	1780.617	1713.177	1565.212	1414.227	1358.865
50.0	1750.420	1683.987	1537.028	1387.049	1331.688
50.5	1722.236	1654.796	1508.844	1359.872	1304.511
51.0	1692.039	1626.612	1480.660	1331.688	1277.334
51.5	1662.849	1597.422	1453.483	1305.517	1251.163
52.0	1634.665	1568.231	1425.299	1278.340	1224.992
52.5	1605.474	1540.048	1398.122	1252.169	1199.828
53.0	1576.284	1511.864	1370.944	1225.999	1174.664
53.5	1547.093	1483.680	1344.774	1199.828	1148.493
54.0	1518.910	1455.496	1316.590	1174.664	1123.329
54.5	1489.719	1428.319	1290.419	1148.493	1098.165

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55.0	1461.535	1400.135	1263.242	1124.335	1073.000
55.5	1432.345	1372.957	1237.071	1098.165	1048.843
56.0	1403.154	1344.774	1210.900	1074.007	1024.685
56.5	1374.971	1317.596	1184.729	1049.849	1002.037
57.0	1345.780	1290.419	1157.552	1025.692	978.182
57.5	1317.596	1264.248	1132.388	1001.534	954.930
58.0	1289.412	1237.071	1106.217	977.779	932.081
58.5	1261.228	1209.894	1080.046	954.326	909.232
59.0	1233.045	1183.723	1054.882	931.276	886.584
59.5	1204.861	1157.552	1029.718	908.225	864.540
60.0	1177.683	1131.381	1004.353	885.074	842.597
60.5	1150.506	1105.211	979.792	862.527	820.654
61.0	1123.329	1080.046	954.729	840.181	799.114
61.5	1097.158	1053.876	930.370	817.634	777.875
62.0	1069.981	1027.705	905.810	796.094	757.341
62.5	1043.810	1002.843	882.055	774.453	736.404
63.0	1017.639	977.980	858.400	752.912	715.870
63.5	991.972	953.118	834.746	731.170	695.135
64.0	967.009	928.457	811.696	710.234	675.205
64.5	941.241	903.797	788.444	689.398	655.376
65.0	916.278	879.639	765.595	668.562	636.050
65.5	891.516	855.179	742.544	648.128	616.321
66.0	866.856	830.921	720.299	628.198	596.995
66.5	842.396	806.965	697.954	607.966	577.467
67.0	817.634	783.210	675.910	587.936	558.745
67.5	792.873	759.455	654.168	568.610	540.023
68.0	769.118	736.102	632.225	549.183	521.100
68.5	744.860	712.951	610.785	530.058	502.881
69.0	720.803	689.800	589.546	511.034	484.763
69.5	697.450	666.750	568.811	492.211	467.148
70.0	673.796	643.800	547.673	473.791	449.332
70.5	650.444	621.253	526.938	455.472	432.119
71.0	627.091	598.907	506.806	437.655	414.706
71.5	604.242	576.360	486.675	419.940	397.896
72.0	581.494	554.417	466.745	402.325	381.086
72.5	558.846	532.675	446.916	385.113	364.780
73.0	536.802	511.235	427.489	367.800	348.775
73.5	514.758	489.494	408.364	351.292	332.771
74.0	493.117	468.154	389.441	334.684	316.867
74.5	471.677	447.218	370.719	318.578	301.769
75.0	450.539	426.583	352.097	302.373	286.771
75.5	429.804	406.351	334.080	286.972	271.874
76.0	409.572	386.320	316.465	271.572	257.480
76.5	389.239	366.290	298.850	256.775	243.388
77.0	370.014	346.762	281.939	241.979	229.397
77.5	350.487	327.537	265.130	227.685	215.707
78.0	331.060	308.613	248.521	213.694	202.723
78.5	311.834	289.891	232.618	200.106	189.537
79.0	293.515	271.874	217.016	186.718	176.854
79.5	275.497	253.554	201.817	173.331	164.473
80.0	257.580	236.040	186.718	160.749	152.495
80.5	239.764	218.626	172.022	148.267	140.617
81.0	222.552	201.716	157.930	136.390	129.344
81.5	205.541	185.309	144.140	124.613	118.171
82.0	189.134	168.701	131.055	113.138	107.099
82.5	173.130	152.998	118.171	101.965	96.530

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CANDELA TABULATION - (Cont.)

83.0	157.326	137.497	105.690	91.094	85.760
83.5	141.725	122.701	93.913	80.425	75.493
84.0	126.827	108.206	82.438	69.956	65.528
84.5	112.132	94.517	71.466	59.991	55.965
85.0	98.241	81.331	60.897	50.630	46.604
85.5	84.753	68.648	50.832	41.068	36.538
86.0	72.070	56.569	41.773	31.204	25.466
86.5	59.488	45.698	33.015	19.729	15.702
87.0	47.913	35.431	23.554	12.481	11.173
87.5	37.142	26.372	13.589	9.562	8.757
88.0	27.177	18.018	8.556	7.348	6.845
88.5	18.722	10.066	6.341	5.335	4.731
89.0	11.777	5.033	4.228	3.422	3.020
89.5	5.838	2.718	2.315	1.711	1.510
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-L12-935-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-L12-935-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-L12-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1316.47	N.A.	16.50
0-30	2698.52	N.A.	33.70
0-40	4220.95	N.A.	52.80
0-60	6764.25	N.A.	84.50
0-80	7918.34	N.A.	99.00
0-90	8001.21	N.A.	100.00
10-90	7653.14	N.A.	95.60
20-40	2904.48	N.A.	36.30
20-50	4316.28	N.A.	53.90
40-70	3310.19	N.A.	41.40
60-80	1154.09	N.A.	14.40
70-80	387.21	N.A.	4.80
80-90	82.86	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	8001.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	348.07
10-20	968.40
20-30	1382.06
30-40	1522.43
40-50	1411.79
50-60	1131.51
60-70	766.89
70-80	387.21
80-90	82.86
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-L12-935-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	52	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-L12-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

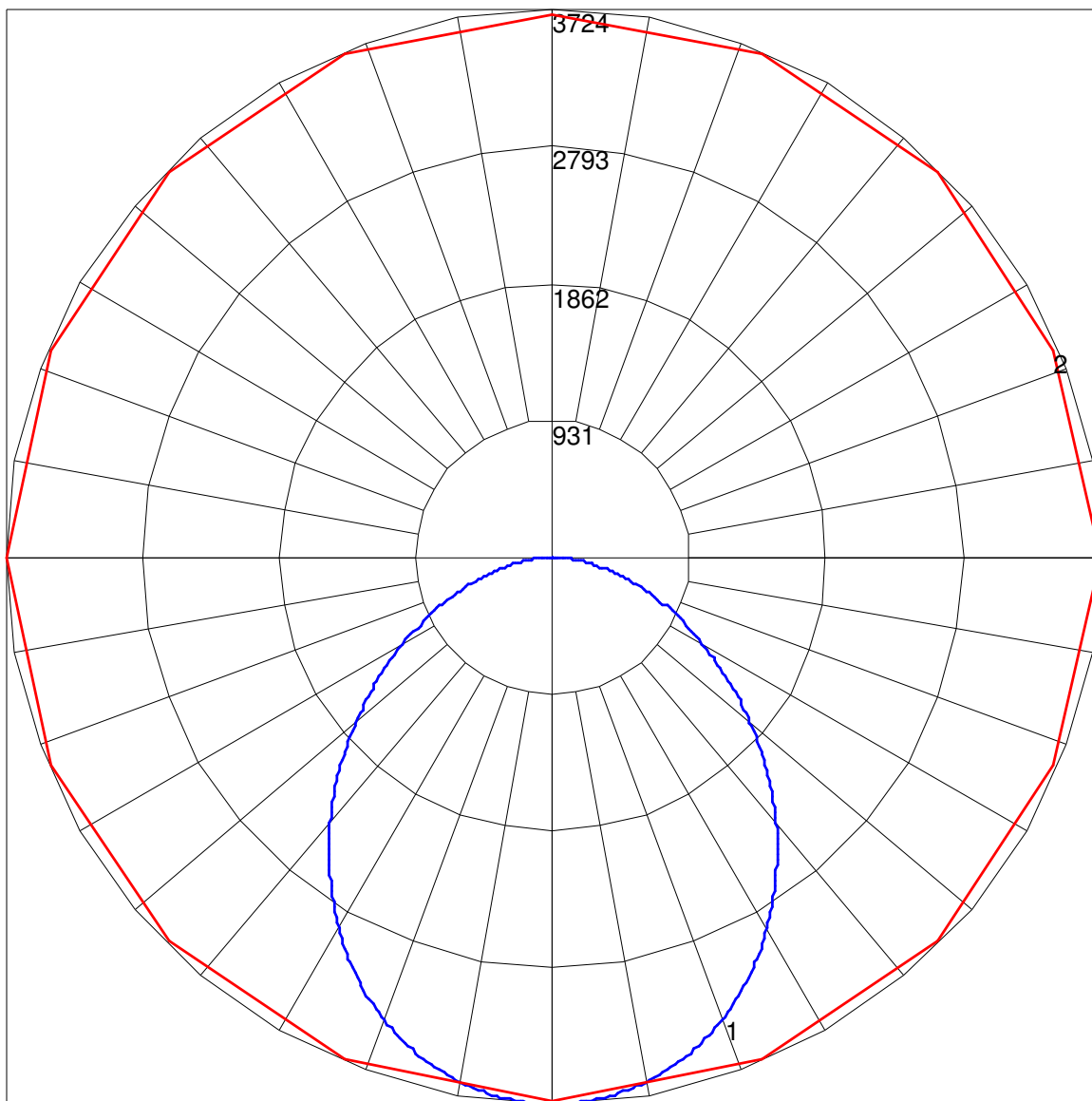
Reflectances

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 = 3724.298 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.)