

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-940-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-L12-940-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	8290
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
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	10111	8964	7936
55	8850	7650	6498
65	7531	6292	5227
75	6046	4725	3848
85	3915	2427	1857

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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	3840.138	3840.138	3840.138	3840.138	3840.138
0.5	3858.911	3831.794	3841.181	3838.052	3835.966
1.0	3857.868	3830.752	3840.138	3837.009	3834.923
1.5	3856.825	3828.666	3839.095	3834.923	3832.837
2.0	3854.739	3827.623	3835.966	3830.752	3831.794
2.5	3853.696	3825.537	3833.880	3828.666	3827.623
3.0	3850.568	3822.408	3830.752	3823.451	3822.408
3.5	3848.482	3819.279	3826.580	3819.279	3817.193
4.0	3843.267	3815.107	3822.408	3814.064	3810.936
4.5	3841.181	3810.936	3817.193	3807.807	3803.635
5.0	3835.966	3806.764	3810.936	3801.549	3797.377
5.5	3833.880	3800.506	3804.678	3793.205	3787.991
6.0	3824.494	3795.291	3797.377	3784.862	3779.647
6.5	3819.279	3790.077	3789.034	3775.475	3769.218
7.0	3813.021	3782.776	3781.733	3766.089	3759.831
7.5	3806.764	3775.475	3772.346	3755.659	3748.359
8.0	3799.463	3767.132	3764.003	3744.187	3735.843
8.5	3792.162	3759.831	3754.616	3731.671	3723.328
9.0	3783.819	3751.487	3743.144	3719.156	3710.812
9.5	3774.432	3741.058	3732.714	3705.598	3696.211
10.0	3767.132	3731.671	3720.199	3693.082	3682.653
10.5	3755.659	3721.242	3708.727	3679.524	3668.051
11.0	3745.230	3710.812	3695.168	3663.880	3653.450
11.5	3734.800	3699.340	3681.610	3648.235	3635.720
12.0	3723.328	3687.868	3668.051	3631.548	3619.033
12.5	3709.769	3674.309	3653.450	3614.861	3600.260
13.0	3698.297	3661.794	3637.806	3597.131	3582.530
13.5	3686.825	3648.235	3622.162	3579.401	3564.800
14.0	3672.223	3634.677	3606.518	3559.585	3543.941
14.5	3659.708	3619.033	3588.787	3540.812	3524.125
15.0	3645.107	3604.432	3571.057	3520.996	3503.266
15.5	3630.505	3588.787	3553.327	3500.137	3482.407
16.0	3614.861	3573.143	3534.554	3479.278	3459.462
16.5	3600.260	3557.499	3515.781	3457.376	3437.560
17.0	3583.573	3539.769	3495.965	3435.474	3413.572
17.5	3567.928	3522.039	3477.192	3412.529	3389.584
18.0	3550.198	3505.351	3456.333	3389.584	3365.596
18.5	3534.554	3486.578	3435.474	3365.596	3339.523
19.0	3515.781	3467.805	3413.572	3340.566	3313.449
19.5	3498.051	3449.032	3391.670	3316.578	3287.375
20.0	3479.278	3429.216	3368.725	3291.547	3261.301
20.5	3460.505	3409.400	3345.780	3265.473	3234.185
21.0	3440.689	3389.584	3322.835	3239.399	3206.025
21.5	3421.916	3367.682	3298.848	3212.283	3178.908
22.0	3401.057	3346.823	3273.817	3185.166	3151.792
22.5	3380.198	3324.921	3248.786	3158.049	3122.589
23.0	3360.382	3304.062	3224.798	3128.847	3093.387
23.5	3339.523	3281.117	3198.724	3100.687	3064.184
24.0	3317.621	3258.173	3172.651	3072.528	3033.939
24.5	3295.719	3235.228	3145.534	3043.325	3004.736
25.0	3272.774	3212.283	3119.460	3014.122	2974.490
25.5	3248.786	3187.252	3092.344	2983.877	2942.159
26.0	3225.841	3163.264	3063.141	2953.631	2910.871
26.5	3202.896	3138.233	3036.024	2923.386	2878.539

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CANDELA TABULATION - (Cont.)

27.0	3177.865	3113.203	3006.822	2892.097	2847.251
27.5	3151.792	3087.129	2978.662	2860.809	2815.962
28.0	3127.804	3062.098	2949.460	2828.478	2782.588
28.5	3102.773	3036.024	2921.300	2797.189	2750.256
29.0	3077.742	3009.951	2892.097	2764.858	2718.968
29.5	3048.540	2982.834	2861.852	2732.526	2685.594
30.0	3020.380	2954.674	2831.606	2700.195	2653.262
30.5	2994.306	2927.558	2802.404	2668.906	2619.888
31.0	2967.190	2900.441	2772.158	2636.575	2586.513
31.5	2941.116	2872.281	2741.913	2603.201	2553.139
32.0	2911.913	2844.122	2710.624	2570.869	2520.808
32.5	2884.797	2814.919	2680.379	2537.495	2486.390
33.0	2856.637	2786.760	2648.047	2505.163	2454.059
33.5	2828.478	2757.557	2618.845	2471.789	2418.599
34.0	2801.361	2728.354	2586.513	2439.458	2386.267
34.5	2773.201	2700.195	2555.225	2407.126	2353.936
35.0	2745.042	2669.949	2522.894	2373.752	2320.561
35.5	2715.839	2639.704	2491.605	2342.463	2286.144
36.0	2688.722	2610.501	2460.317	2309.089	2254.856
36.5	2659.520	2580.256	2427.985	2276.758	2221.481
37.0	2629.274	2550.010	2397.740	2244.426	2190.193
37.5	2600.072	2519.765	2366.451	2211.052	2156.818
38.0	2570.869	2488.476	2334.120	2178.720	2123.444
38.5	2540.624	2459.274	2302.831	2146.389	2091.113
39.0	2509.335	2427.985	2271.543	2114.058	2058.781
39.5	2480.133	2397.740	2239.211	2081.726	2026.450
40.0	2449.887	2366.451	2207.923	2051.481	1995.161
40.5	2417.556	2336.206	2175.592	2019.149	1961.787
41.0	2387.310	2304.917	2144.303	1986.818	1927.370
41.5	2357.065	2274.672	2113.015	1954.486	1895.038
42.0	2324.733	2243.383	2081.726	1921.112	1861.664
42.5	2291.359	2211.052	2050.438	1889.824	1829.332
43.0	2260.070	2179.763	2019.149	1855.406	1797.001
43.5	2229.825	2149.518	1987.861	1823.075	1766.756
44.0	2196.451	2118.229	1956.572	1792.829	1735.467
44.5	2165.162	2086.941	1922.155	1761.541	1704.179
45.0	2132.831	2056.695	1890.866	1731.295	1673.933
45.5	2100.499	2024.364	1858.535	1701.050	1642.645
46.0	2069.211	1994.118	1828.290	1670.804	1612.399
46.5	2037.922	1962.830	1798.044	1641.602	1583.197
47.0	2005.591	1931.541	1767.798	1611.356	1552.951
47.5	1973.259	1898.167	1738.596	1582.154	1523.748
48.0	1941.971	1865.836	1709.393	1552.951	1493.503
48.5	1909.640	1835.590	1679.148	1523.748	1464.300
49.0	1875.222	1804.302	1649.945	1494.546	1436.141
49.5	1844.977	1775.099	1621.786	1465.343	1407.981
50.0	1813.688	1744.854	1592.583	1437.184	1379.821
50.5	1784.486	1714.608	1563.380	1409.024	1351.662
51.0	1753.197	1685.406	1534.178	1379.821	1323.502
51.5	1722.952	1655.160	1506.018	1352.705	1296.386
52.0	1693.749	1624.914	1476.816	1324.545	1269.269
52.5	1663.504	1595.712	1448.656	1297.429	1243.195
53.0	1633.258	1566.509	1420.496	1270.312	1217.121
53.5	1603.013	1537.307	1393.380	1243.195	1190.005
54.0	1573.810	1508.104	1364.177	1217.121	1163.931
54.5	1543.564	1479.945	1337.061	1190.005	1137.857

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CANDELA TABULATION - (Cont.)

55.0	1514.362	1450.742	1308.901	1164.974	1111.784
55.5	1484.116	1422.582	1281.784	1137.857	1086.753
56.0	1453.871	1393.380	1254.668	1112.827	1061.722
56.5	1424.668	1365.220	1227.551	1087.796	1038.256
57.0	1394.423	1337.061	1199.391	1062.765	1013.538
57.5	1365.220	1309.944	1173.318	1037.734	989.446
58.0	1336.018	1281.784	1146.201	1013.121	965.771
58.5	1306.815	1253.625	1119.084	988.820	942.096
59.0	1277.612	1226.508	1093.011	964.936	918.629
59.5	1248.410	1199.391	1066.937	941.053	895.789
60.0	1220.250	1172.275	1040.654	917.065	873.053
60.5	1192.091	1145.158	1015.207	893.703	850.316
61.0	1163.931	1119.084	989.237	870.549	827.997
61.5	1136.814	1091.968	963.998	847.187	805.991
62.0	1108.655	1064.851	938.550	824.868	784.715
62.5	1081.538	1039.090	913.936	802.445	763.021
63.0	1054.421	1013.329	889.427	780.126	741.745
63.5	1027.826	987.568	864.918	757.598	720.261
64.0	1001.961	962.016	841.034	735.905	699.610
64.5	975.262	936.464	816.942	714.316	679.064
65.0	949.396	911.433	793.267	692.727	659.039
65.5	923.740	886.089	769.383	671.555	638.598
66.0	898.188	860.954	746.334	650.904	618.573
66.5	872.844	836.132	723.181	629.941	598.340
67.0	847.187	811.519	700.340	609.186	578.941
67.5	821.531	786.905	677.813	589.162	559.542
68.0	796.917	762.709	655.076	569.033	539.935
68.5	771.782	738.721	632.861	549.217	521.057
69.0	746.856	714.733	610.855	529.505	502.284
69.5	722.659	690.849	589.370	510.002	484.033
70.0	698.150	667.070	567.469	490.916	465.572
70.5	673.954	643.708	545.984	471.934	447.738
71.0	649.757	620.555	525.125	453.474	429.695
71.5	626.082	597.193	504.266	435.118	412.278
72.0	602.512	574.456	483.615	416.867	394.860
72.5	579.045	551.929	463.069	399.032	377.965
73.0	556.205	529.714	442.940	381.094	361.382
73.5	533.364	507.186	423.124	363.989	344.799
74.0	510.941	485.076	403.517	346.781	328.320
74.5	488.726	463.382	384.118	330.093	312.676
75.0	466.824	442.002	364.824	313.302	297.136
75.5	445.339	421.038	346.155	297.345	281.701
76.0	424.376	400.284	327.903	281.388	266.786
76.5	403.308	379.529	309.652	266.056	252.185
77.0	383.388	359.296	292.130	250.725	237.688
77.5	363.155	339.376	274.713	235.915	223.504
78.0	343.026	319.768	257.504	221.418	210.050
78.5	323.106	300.369	241.026	207.338	196.387
79.0	304.124	281.701	224.860	193.467	183.246
79.5	285.455	262.719	209.111	179.596	170.418
80.0	266.891	244.572	193.467	166.559	158.007
80.5	248.430	226.529	178.240	153.626	145.700
81.0	230.596	209.007	163.639	141.320	134.019
81.5	212.970	192.007	149.350	129.117	122.442
82.0	195.970	174.798	135.792	117.227	110.970
82.5	179.387	158.528	122.442	105.651	100.019

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CANDELA TABULATION - (Cont.)

83.0	163.013	142.467	109.510	94.387	88.859
83.5	146.847	127.135	97.307	83.332	78.221
84.0	131.412	112.117	85.418	72.485	67.896
84.5	116.185	97.933	74.049	62.160	57.988
85.0	101.792	84.270	63.098	52.460	48.289
85.5	87.816	71.129	52.669	42.552	37.859
86.0	74.675	58.614	43.282	32.331	26.387
86.5	61.638	47.350	34.209	20.442	16.270
87.0	49.644	36.712	24.405	12.933	11.577
87.5	38.485	27.325	14.080	9.908	9.074
88.0	28.160	18.669	8.865	7.614	7.092
88.5	19.399	10.429	6.571	5.528	4.902
89.0	12.203	5.215	4.380	3.546	3.129
89.5	6.049	2.816	2.399	1.773	1.564
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-L12-940-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-L12-940-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-L12-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1364.05	N.A.	16.50
0-30	2796.06	N.A.	33.70
0-40	4373.51	N.A.	52.80
0-60	7008.74	N.A.	84.50
0-80	8204.55	N.A.	99.00
0-90	8290.41	N.A.	100.00
10-90	7929.76	N.A.	95.60
20-40	3009.46	N.A.	36.30
20-50	4472.29	N.A.	53.90
40-70	3429.83	N.A.	41.40
60-80	1195.81	N.A.	14.40
70-80	401.20	N.A.	4.80
80-90	85.86	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	8290.41	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	360.65
10-20	1003.4
20-30	1432.01
30-40	1577.45
40-50	1462.82
50-60	1172.4
60-70	794.61
70-80	401.20
80-90	85.86
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-L12-940-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-L12-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

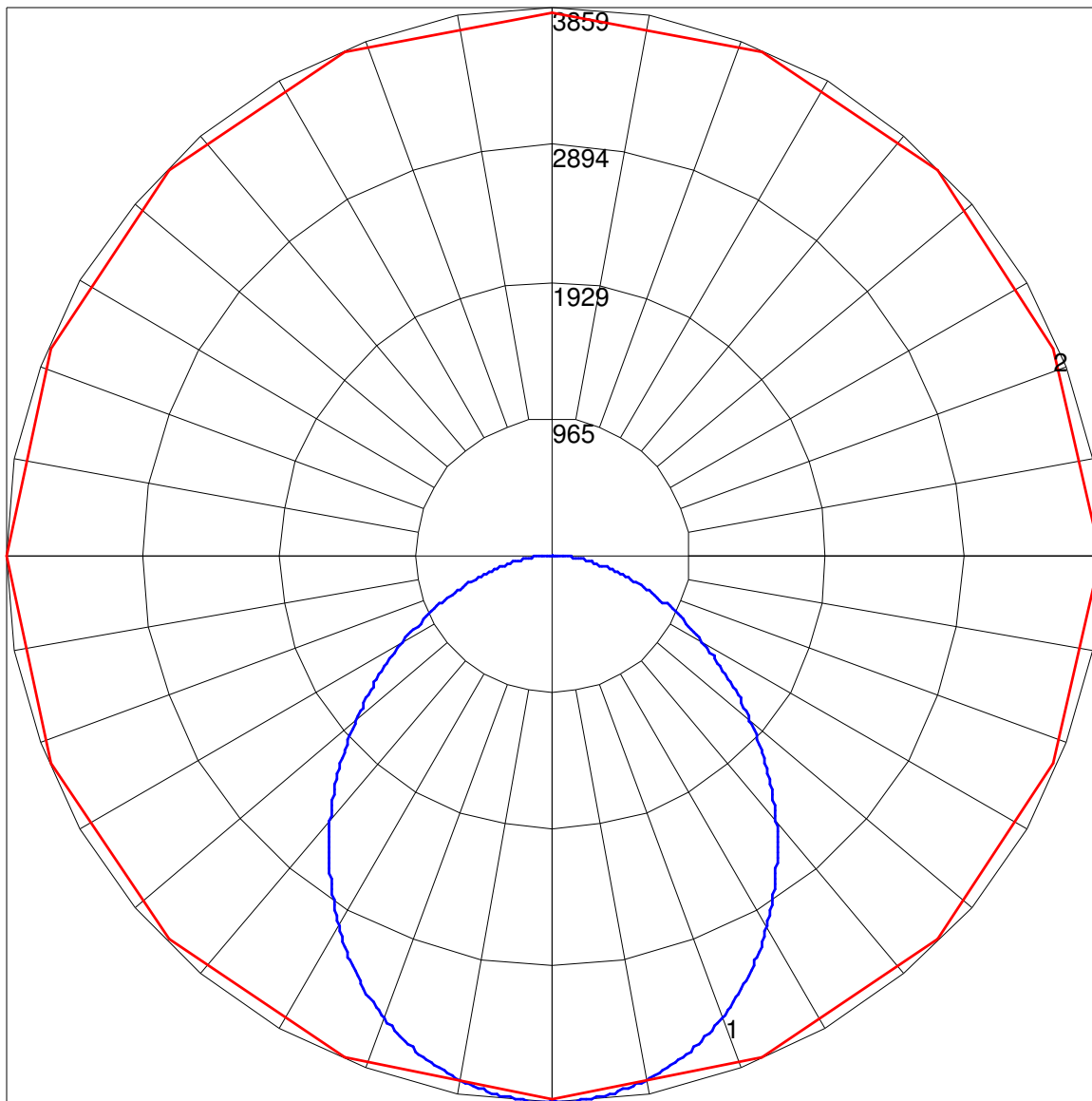
Reflectances

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	19.5	21.1	19.9	21.4	21.7	17.8	19.3	18.2	19.6	20.0
	3H	21.1	22.5	21.5	22.8	23.2	19.1	20.5	19.5	20.8	21.2
	4H	21.7	23.0	22.1	23.3	23.7	19.6	20.9	20.0	21.2	21.6
	6H	22.0	23.2	22.4	23.6	24.0	19.8	21.0	20.2	21.4	21.8
	8H	22.1	23.3	22.6	23.7	24.1	19.9	21.0	20.3	21.4	21.8
	12H	22.2	23.3	22.6	23.7	24.1	19.9	21.0	20.3	21.4	21.8
4H	2H	19.9	21.2	20.3	21.5	21.9	18.5	19.8	18.9	20.1	20.5
	3H	21.7	22.8	22.1	23.2	23.6	20.0	21.1	20.4	21.5	21.9
	4H	22.4	23.3	22.8	23.8	24.2	20.5	21.5	20.9	21.9	22.3
	6H	22.9	23.7	23.3	24.2	24.6	20.9	21.7	21.3	22.2	22.6
	8H	23.0	23.8	23.5	24.3	24.7	20.9	21.7	21.4	22.2	22.6
	12H	23.1	23.8	23.6	24.3	24.8	21.0	21.7	21.5	22.2	22.6
8H	4H	22.5	23.3	23.0	23.7	24.2	20.8	21.6	21.3	22.1	22.5
	6H	23.1	23.7	23.6	24.2	24.7	21.2	21.9	21.7	22.4	22.9
	8H	23.3	23.9	23.8	24.4	24.9	21.4	22.0	21.9	22.5	23.0
	12H	23.4	23.9	23.9	24.4	25.0	21.4	22.0	21.9	22.4	23.0
12H	4H	22.5	23.2	23.0	23.7	24.1	20.9	21.6	21.3	22.0	22.5
	6H	23.1	23.7	23.6	24.1	24.7	21.3	21.9	21.8	22.4	22.9
	8H	23.3	23.8	23.8	24.3	24.9	21.5	22.0	22.0	22.5	23.0

Maximum UGR = 25.0

POLAR GRAPH



Maximum Candela = 3858.911 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.)