

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-950-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-8-L12-950-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	8580
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
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	10464	9277	8212
55	9159	7917	6724
65	7793	6512	5410
75	6257	4890	3983
85	4052	2512	1922

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L12-950-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	3974.097	3974.097	3974.097	3974.097	3974.097
0.5	3993.525	3965.462	3975.176	3971.938	3969.780
1.0	3992.446	3964.383	3974.097	3970.859	3968.700
1.5	3991.366	3962.224	3973.018	3968.700	3966.542
2.0	3989.208	3961.145	3969.780	3964.383	3965.462
2.5	3988.128	3958.986	3967.621	3962.224	3961.145
3.0	3984.890	3955.748	3964.383	3956.828	3955.748
3.5	3982.732	3952.510	3960.066	3952.510	3950.352
4.0	3977.335	3948.193	3955.748	3947.114	3943.876
4.5	3975.176	3943.876	3950.352	3940.638	3936.320
5.0	3969.780	3939.558	3943.876	3934.162	3929.844
5.5	3967.621	3933.082	3937.400	3925.527	3920.130
6.0	3957.907	3927.686	3929.844	3916.892	3911.496
6.5	3952.510	3922.289	3921.210	3907.178	3900.702
7.0	3946.034	3914.734	3913.654	3897.464	3890.988
7.5	3939.558	3907.178	3903.940	3886.671	3879.116
8.0	3932.003	3898.544	3895.306	3874.798	3866.164
8.5	3924.448	3890.988	3885.592	3861.846	3853.212
9.0	3915.813	3882.354	3873.719	3848.894	3840.260
9.5	3906.099	3871.560	3862.926	3834.863	3825.149
10.0	3898.544	3861.846	3849.974	3821.911	3811.118
10.5	3886.671	3851.053	3838.101	3807.880	3796.007
11.0	3875.878	3840.260	3824.070	3791.690	3780.897
11.5	3865.084	3828.387	3810.039	3775.500	3762.548
12.0	3853.212	3816.515	3796.007	3758.231	3745.279
12.5	3839.181	3802.483	3780.897	3740.961	3725.851
13.0	3827.308	3789.531	3764.707	3722.613	3707.502
13.5	3815.435	3775.500	3748.517	3704.264	3689.153
14.0	3800.325	3761.469	3732.327	3683.757	3667.567
14.5	3787.373	3745.279	3713.978	3664.329	3647.060
15.0	3772.262	3730.168	3695.629	3643.822	3625.473
15.5	3757.151	3713.978	3677.281	3622.235	3603.886
16.0	3740.961	3697.788	3657.853	3600.648	3580.141
16.5	3725.851	3681.598	3638.425	3577.982	3557.475
17.0	3708.581	3663.250	3617.918	3555.316	3532.650
17.5	3692.391	3644.901	3598.490	3531.571	3507.826
18.0	3674.043	3627.632	3576.903	3507.826	3483.001
18.5	3657.853	3608.204	3555.316	3483.001	3456.018
19.0	3638.425	3588.776	3532.650	3457.097	3429.035
19.5	3620.076	3569.348	3509.985	3432.273	3402.051
20.0	3600.648	3548.840	3486.239	3406.369	3375.068
20.5	3581.220	3528.333	3462.494	3379.385	3347.006
21.0	3560.713	3507.826	3438.749	3352.402	3317.864
21.5	3541.285	3485.160	3413.924	3324.340	3289.801
22.0	3519.699	3463.573	3388.020	3296.277	3261.738
22.5	3498.112	3440.907	3362.116	3268.214	3231.517
23.0	3477.605	3419.321	3337.292	3237.993	3201.296
23.5	3456.018	3395.575	3310.308	3208.851	3171.075
24.0	3433.352	3371.830	3283.325	3179.709	3139.774
24.5	3410.686	3348.085	3255.262	3149.488	3109.553
25.0	3386.941	3324.340	3228.279	3119.267	3078.252
25.5	3362.116	3298.436	3200.217	3087.966	3044.793
26.0	3338.371	3273.611	3169.995	3056.666	3012.413
26.5	3314.626	3247.707	3141.933	3025.365	2978.954

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L12-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	3288.722	3221.803	3111.711	2992.985	2946.574
27.5	3261.738	3194.820	3082.569	2960.605	2914.194
28.0	3236.914	3168.916	3052.348	2927.146	2879.655
28.5	3211.010	3141.933	3023.206	2894.766	2846.196
29.0	3185.106	3114.949	2992.985	2861.307	2813.816
29.5	3154.885	3086.887	2961.684	2827.847	2779.277
30.0	3125.743	3057.745	2930.384	2794.388	2745.818
30.5	3098.759	3029.682	2900.163	2762.008	2711.280
31.0	3070.697	3001.620	2868.862	2728.549	2676.741
31.5	3043.714	2972.478	2837.561	2694.010	2642.202
32.0	3013.492	2943.336	2805.181	2660.551	2608.743
32.5	2985.430	2913.114	2773.881	2626.012	2573.125
33.0	2956.288	2883.973	2740.422	2592.553	2539.666
33.5	2927.146	2853.751	2710.200	2558.015	2502.969
34.0	2899.083	2823.530	2676.741	2524.555	2469.509
34.5	2869.941	2794.388	2644.361	2491.096	2436.050
35.0	2840.799	2763.087	2610.902	2456.557	2401.512
35.5	2810.578	2731.787	2578.522	2424.178	2365.894
36.0	2782.515	2701.566	2546.142	2389.639	2333.514
36.5	2752.294	2670.265	2512.683	2356.180	2298.975
37.0	2720.994	2638.964	2481.382	2322.720	2266.595
37.5	2690.772	2607.664	2449.002	2288.182	2232.057
38.0	2660.551	2575.284	2415.543	2254.723	2197.518
38.5	2629.250	2545.063	2383.163	2221.263	2164.059
39.0	2596.870	2512.683	2350.783	2187.804	2130.599
39.5	2566.649	2481.382	2317.324	2154.345	2097.140
40.0	2535.349	2449.002	2284.944	2123.044	2064.760
40.5	2501.889	2417.702	2251.485	2089.585	2030.222
41.0	2470.589	2385.322	2219.105	2056.126	1994.604
41.5	2439.288	2354.021	2186.725	2022.666	1961.145
42.0	2405.829	2321.641	2154.345	1988.128	1926.606
42.5	2371.290	2288.182	2121.965	1955.748	1893.147
43.0	2338.910	2255.802	2089.585	1920.130	1859.687
43.5	2307.610	2224.501	2057.205	1886.671	1828.387
44.0	2273.071	2192.121	2024.825	1855.370	1796.007
44.5	2240.691	2159.741	1989.207	1822.990	1763.627
45.0	2207.232	2128.441	1956.827	1791.690	1732.326
45.5	2173.773	2094.982	1923.368	1760.389	1699.946
46.0	2141.393	2063.681	1892.067	1729.088	1668.646
46.5	2109.013	2031.301	1860.767	1698.867	1638.425
47.0	2075.554	1998.921	1829.466	1667.566	1607.124
47.5	2042.094	1964.382	1799.245	1637.345	1576.903
48.0	2009.714	1930.923	1769.024	1607.124	1545.602
48.5	1976.255	1899.623	1737.723	1576.903	1515.381
49.0	1940.637	1867.243	1707.502	1546.681	1486.239
49.5	1909.337	1837.021	1678.360	1516.460	1457.097
50.0	1876.957	1805.721	1648.138	1487.318	1427.955
50.5	1846.735	1774.420	1617.917	1458.176	1398.813
51.0	1814.355	1744.199	1587.696	1427.955	1369.671
51.5	1783.055	1712.898	1558.554	1399.892	1341.608
52.0	1752.834	1681.598	1528.333	1370.750	1313.546
52.5	1721.533	1651.376	1499.191	1342.688	1286.563
53.0	1690.232	1621.155	1470.049	1314.625	1259.579
53.5	1658.932	1590.934	1441.986	1286.563	1231.517
54.0	1628.711	1560.713	1411.765	1259.579	1204.533
54.5	1597.410	1531.571	1383.702	1231.517	1177.550

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L12-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1567.189	1501.349	1354.560	1205.613	1150.567
55.5	1535.888	1472.208	1326.498	1177.550	1124.663
56.0	1504.587	1441.986	1298.435	1151.646	1098.759
56.5	1474.366	1412.844	1270.373	1125.742	1074.474
57.0	1443.066	1383.702	1241.231	1099.838	1048.894
57.5	1412.844	1355.640	1214.247	1073.934	1023.961
58.0	1382.623	1326.498	1186.185	1048.462	999.461
58.5	1352.402	1297.356	1158.122	1023.314	974.960
59.0	1322.181	1269.293	1131.139	998.597	950.675
59.5	1291.959	1241.231	1104.156	973.880	927.037
60.0	1262.817	1213.168	1076.957	949.056	903.508
60.5	1233.675	1185.105	1050.621	924.879	879.979
61.0	1204.533	1158.122	1023.745	900.918	856.881
61.5	1176.471	1130.060	997.626	876.741	834.107
62.0	1147.329	1101.997	971.290	853.643	812.089
62.5	1119.266	1075.338	945.818	830.437	789.639
63.0	1091.204	1048.678	920.454	807.340	767.620
63.5	1063.681	1022.019	895.089	784.026	745.386
64.0	1036.913	995.575	870.373	761.576	724.015
64.5	1009.282	969.131	845.440	739.234	702.752
65.0	982.515	943.227	820.939	716.892	682.029
65.5	955.964	917.000	796.223	694.981	660.874
66.0	929.520	890.988	772.369	673.611	640.151
66.5	903.292	865.300	748.408	651.916	619.212
67.0	876.741	839.827	724.771	630.437	599.137
67.5	850.189	814.355	701.457	609.714	579.061
68.0	824.717	789.315	677.928	588.883	558.770
68.5	798.705	764.490	654.938	568.376	539.234
69.0	772.909	739.666	632.164	547.976	519.806
69.5	747.868	714.949	609.930	527.793	500.918
70.0	722.504	690.340	587.264	508.041	481.813
70.5	697.464	666.163	565.030	488.397	463.357
71.0	672.423	642.202	543.443	469.293	444.684
71.5	647.922	618.025	521.857	450.297	426.660
72.0	623.530	594.496	500.486	431.409	408.635
72.5	599.245	571.182	479.223	412.952	391.150
73.0	575.607	548.192	458.392	394.388	373.988
73.5	551.970	524.879	437.885	376.687	356.827
74.0	528.764	501.997	417.593	358.878	339.773
74.5	505.775	479.547	397.518	341.608	323.583
75.0	483.109	457.420	377.550	324.231	307.501
75.5	460.874	435.726	358.230	307.717	291.527
76.0	439.180	414.247	339.342	291.204	276.093
76.5	417.377	392.769	320.453	275.337	260.982
77.0	396.762	371.830	302.321	259.471	245.980
77.5	375.823	351.214	284.296	244.145	231.301
78.0	354.992	330.923	266.487	229.142	217.377
78.5	334.377	310.847	249.433	214.571	203.238
79.0	314.733	291.527	232.704	200.216	189.638
79.5	295.413	271.883	216.406	185.861	176.363
80.0	276.201	253.103	200.216	172.369	163.519
80.5	257.097	234.431	184.458	158.985	150.783
81.0	238.640	216.298	169.347	146.249	138.694
81.5	220.399	198.705	154.560	133.621	126.713
82.0	202.806	180.896	140.529	121.317	114.841
82.5	185.645	164.058	126.713	109.336	103.508

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-8-L12-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	168.699	147.437	113.330	97.679	91.959
83.5	151.970	131.570	100.702	86.239	80.950
84.0	135.996	116.028	88.397	75.014	70.264
84.5	120.237	101.349	76.633	64.328	60.011
85.0	105.343	87.210	65.300	54.290	49.973
85.5	90.880	73.610	54.506	44.037	39.180
86.0	77.280	60.658	44.792	33.459	27.307
86.5	63.788	49.002	35.402	21.155	16.838
87.0	51.376	37.992	25.256	13.384	11.981
87.5	39.827	28.278	14.571	10.254	9.390
88.0	29.142	19.320	9.174	7.879	7.339
88.5	20.076	10.793	6.800	5.720	5.073
89.0	12.628	5.397	4.533	3.670	3.238
89.5	6.260	2.914	2.482	1.835	1.619
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

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : LRX4X-8-L12-950-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 : LRX4X-8-L12-950-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-L12-950-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-L12-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1411.63	N.A.	16.50
0-30	2893.6	N.A.	33.70
0-40	4526.08	N.A.	52.80
0-60	7253.23	N.A.	84.50
0-80	8490.75	N.A.	99.00
0-90	8579.61	N.A.	100.00
10-90	8206.38	N.A.	95.60
20-40	3114.45	N.A.	36.30
20-50	4628.3	N.A.	53.90
40-70	3549.48	N.A.	41.40
60-80	1237.52	N.A.	14.40
70-80	415.20	N.A.	4.80
80-90	88.86	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	8579.61	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	373.23
10-20	1038.41
20-30	1481.97
30-40	1632.48
40-50	1513.85
50-60	1213.3
60-70	822.33
70-80	415.20
80-90	88.86
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-L12-950-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-L12-950-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	19.6	21.2	20.0	21.5	21.8	17.9	19.4	18.3	19.7	20.1
	3H	21.2	22.6	21.6	22.9	23.3	19.2	20.6	19.6	20.9	21.3
	4H	21.8	23.1	22.2	23.4	23.8	19.7	21.0	20.1	21.3	21.7
	6H	22.1	23.3	22.5	23.7	24.1	19.9	21.1	20.3	21.5	21.9
	8H	22.2	23.4	22.7	23.8	24.2	20.0	21.1	20.4	21.5	21.9
	12H	22.3	23.4	22.7	23.8	24.2	20.0	21.1	20.4	21.5	21.9

UGR Viewed Endwise

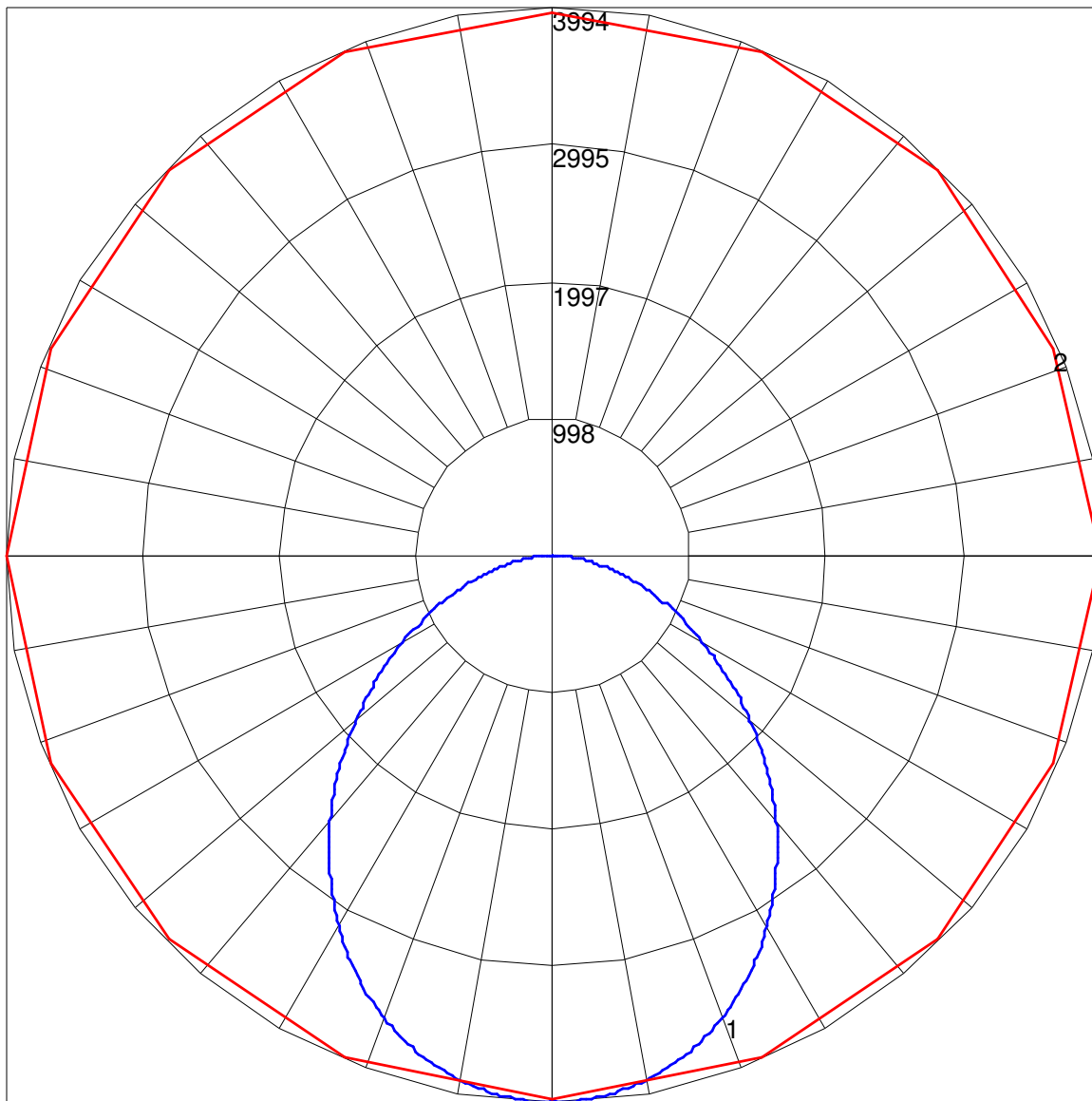
4H	2H	20.0	21.3	20.4	21.6	22.0	18.6	19.9	19.0	20.2	20.6
	3H	21.8	22.9	22.2	23.3	23.7	20.1	21.2	20.5	21.6	22.0
	4H	22.5	23.4	22.9	23.9	24.3	20.6	21.6	21.0	22.0	22.4
	6H	23.0	23.8	23.4	24.3	24.7	21.0	21.8	21.4	22.3	22.7
	8H	23.1	23.9	23.6	24.4	24.8	21.0	21.8	21.5	22.3	22.7
	12H	23.2	23.9	23.7	24.4	24.9	21.1	21.8	21.6	22.3	22.7

8H	4H	22.6	23.4	23.1	23.8	24.3	20.9	21.7	21.4	22.2	22.6
	6H	23.2	23.8	23.7	24.3	24.8	21.3	22.0	21.8	22.5	23.0
	8H	23.4	24.0	23.9	24.5	25.0	21.5	22.1	22.0	22.6	23.1
	12H	23.5	24.0	24.0	24.5	25.1	21.5	22.1	22.0	22.5	23.1

12H	4H	22.6	23.3	23.1	23.8	24.2	21.0	21.7	21.4	22.1	22.6
	6H	23.2	23.8	23.7	24.2	24.8	21.4	22.0	21.9	22.5	23.0
	8H	23.4	23.9	23.9	24.4	25.0	21.6	22.1	22.1	22.6	23.1

Maximum UGR = 25.1

POLAR GRAPH



Maximum Candela = 3993.525 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.)