

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L19-840-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-4-L19-840-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 4' 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	7857
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	66.4
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)	4.00 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	19165	16991	15041
55	16775	14499	12316
65	14274	11926	9908
75	11460	8956	7294
85	7421	4600	3520

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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	3639.311	3639.311	3639.311	3639.311	3639.311
0.5	3657.103	3631.404	3640.300	3637.335	3635.358
1.0	3656.114	3630.416	3639.311	3636.346	3634.369
1.5	3655.126	3628.439	3638.323	3634.369	3632.392
2.0	3653.149	3627.450	3635.358	3630.416	3631.404
2.5	3652.161	3625.474	3633.381	3628.439	3627.450
3.0	3649.195	3622.508	3630.416	3623.497	3622.508
3.5	3647.219	3619.543	3626.462	3619.543	3617.566
4.0	3642.277	3615.590	3622.508	3614.601	3611.636
4.5	3640.300	3611.636	3617.566	3608.671	3604.717
5.0	3635.358	3607.682	3611.636	3602.740	3598.787
5.5	3633.381	3601.752	3605.706	3594.833	3589.891
6.0	3624.485	3596.810	3598.787	3586.926	3581.984
6.5	3619.543	3591.868	3590.879	3578.030	3572.100
7.0	3613.613	3584.949	3583.961	3569.135	3563.204
7.5	3607.682	3578.030	3575.065	3559.250	3552.332
8.0	3600.764	3570.123	3567.158	3548.378	3540.471
8.5	3593.845	3563.204	3558.262	3536.517	3528.610
9.0	3585.937	3555.297	3547.390	3524.656	3516.749
9.5	3577.042	3545.413	3537.506	3511.807	3502.911
10.0	3570.123	3536.517	3525.645	3499.946	3490.062
10.5	3559.250	3526.633	3514.772	3487.097	3476.224
11.0	3549.366	3516.749	3501.923	3472.271	3462.387
11.5	3539.482	3505.877	3489.074	3457.445	3445.584
12.0	3528.610	3495.004	3476.224	3441.630	3429.769
12.5	3515.761	3482.155	3462.387	3425.816	3411.978
13.0	3504.888	3470.294	3447.561	3409.013	3395.175
13.5	3494.016	3457.445	3432.734	3392.210	3378.372
14.0	3480.178	3444.595	3417.908	3373.430	3358.604
14.5	3468.317	3429.769	3401.105	3355.639	3339.824
15.0	3454.479	3415.932	3384.303	3336.859	3320.056
15.5	3440.642	3401.105	3367.500	3317.091	3300.288
16.0	3425.816	3386.279	3349.708	3297.323	3278.543
16.5	3411.978	3371.453	3331.917	3276.566	3257.787
17.0	3396.163	3354.650	3313.137	3255.810	3235.053
17.5	3381.337	3337.847	3295.346	3234.065	3212.320
18.0	3364.534	3322.033	3275.578	3212.320	3189.587
18.5	3349.708	3304.242	3255.810	3189.587	3164.876
19.0	3331.917	3286.450	3235.053	3165.865	3140.166
19.5	3315.114	3268.659	3214.297	3143.131	3115.456
20.0	3297.323	3249.879	3192.552	3119.410	3090.746
20.5	3279.532	3231.100	3170.807	3094.700	3065.047
21.0	3260.752	3212.320	3149.062	3069.989	3038.360
21.5	3242.960	3191.563	3126.329	3044.291	3012.662
22.0	3223.192	3171.795	3102.607	3018.592	2986.963
22.5	3203.424	3151.039	3078.885	2992.894	2959.288
23.0	3184.645	3131.271	3056.152	2965.218	2931.613
23.5	3164.876	3109.526	3031.442	2938.531	2903.937
24.0	3144.120	3087.781	3006.731	2911.844	2875.273
24.5	3123.363	3066.036	2981.033	2884.169	2847.598
25.0	3101.618	3044.291	2956.323	2856.494	2818.934
25.5	3078.885	3020.569	2930.624	2827.830	2788.294
26.0	3057.140	2997.836	2902.949	2799.166	2758.641
26.5	3035.395	2974.114	2877.250	2770.502	2728.001

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CANDELA TABULATION - (Cont.)

27.0	3011.673	2950.392	2849.575	2740.850	2698.349
27.5	2986.963	2925.682	2822.888	2711.198	2668.697
28.0	2964.230	2901.960	2795.213	2680.557	2637.068
28.5	2940.508	2877.250	2768.526	2650.905	2606.427
29.0	2916.786	2852.540	2740.850	2620.265	2576.775
29.5	2889.111	2826.842	2712.186	2589.624	2545.146
30.0	2862.424	2800.155	2683.523	2558.983	2514.505
30.5	2837.714	2774.456	2655.847	2529.331	2482.876
31.0	2812.015	2748.757	2627.183	2498.691	2451.247
31.5	2787.305	2722.070	2598.520	2467.062	2419.618
32.0	2759.630	2695.383	2568.868	2436.421	2388.978
32.5	2733.931	2667.708	2540.204	2404.792	2356.360
33.0	2707.244	2641.021	2509.563	2374.152	2325.720
33.5	2680.557	2613.346	2481.888	2342.523	2292.114
34.0	2654.859	2585.670	2451.247	2311.882	2261.473
34.5	2628.172	2558.983	2421.595	2281.241	2230.833
35.0	2601.485	2530.320	2390.954	2249.612	2199.204
35.5	2573.810	2501.656	2361.302	2219.960	2166.586
36.0	2548.111	2473.981	2331.650	2188.331	2136.934
36.5	2520.436	2445.317	2301.009	2157.691	2105.305
37.0	2491.772	2416.653	2272.346	2127.050	2075.653
37.5	2464.096	2387.989	2242.693	2095.421	2044.024
38.0	2436.421	2358.337	2212.053	2064.780	2012.395
38.5	2407.757	2330.662	2182.401	2034.140	1981.754
39.0	2378.105	2301.009	2152.749	2003.499	1951.114
39.5	2350.430	2272.346	2122.108	1972.859	1920.473
40.0	2321.766	2242.693	2092.456	1944.195	1890.821
40.5	2291.125	2214.030	2061.815	1913.554	1859.192
41.0	2262.462	2184.378	2032.163	1882.914	1826.575
41.5	2233.798	2155.714	2002.511	1852.273	1795.934
42.0	2203.157	2126.062	1972.859	1820.644	1764.305
42.5	2171.528	2095.421	1943.206	1790.992	1733.664
43.0	2141.876	2065.769	1913.554	1758.374	1703.024
43.5	2113.212	2037.105	1883.902	1727.734	1674.360
44.0	2081.583	2007.453	1854.250	1699.070	1644.708
44.5	2051.931	1977.801	1821.632	1669.418	1615.056
45.0	2021.291	1949.137	1791.980	1640.754	1586.392
45.5	1990.650	1918.496	1761.340	1612.090	1556.740
46.0	1960.998	1889.833	1732.676	1583.427	1528.076
46.5	1931.346	1860.180	1704.012	1555.751	1500.400
47.0	1900.705	1830.528	1675.348	1527.087	1471.737
47.5	1870.064	1798.899	1647.673	1499.412	1444.061
48.0	1840.412	1768.259	1619.998	1471.737	1415.398
48.5	1809.772	1739.595	1591.334	1444.061	1387.722
49.0	1777.154	1709.943	1563.658	1416.386	1361.035
49.5	1748.490	1682.267	1536.972	1388.711	1334.348
50.0	1718.838	1653.603	1509.296	1362.024	1307.661
50.5	1691.163	1624.940	1481.621	1335.337	1280.974
51.0	1661.511	1597.264	1453.945	1307.661	1254.287
51.5	1632.847	1568.601	1427.258	1281.963	1228.589
52.0	1605.172	1539.937	1399.583	1255.276	1202.890
52.5	1576.508	1512.261	1372.896	1229.577	1178.180
53.0	1547.844	1484.586	1346.209	1203.879	1153.470
53.5	1519.180	1456.911	1320.511	1178.180	1127.771
54.0	1491.505	1429.235	1292.835	1153.470	1103.061
54.5	1462.841	1402.548	1267.137	1127.771	1078.351

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55.0	1435.166	1374.873	1240.450	1104.050	1053.641
55.5	1406.502	1348.186	1214.751	1078.351	1029.919
56.0	1377.838	1320.511	1189.053	1054.629	1006.197
56.5	1350.163	1293.824	1163.354	1030.908	983.958
57.0	1321.499	1267.137	1136.667	1007.186	960.533
57.5	1293.824	1241.438	1111.957	983.464	937.701
58.0	1266.148	1214.751	1086.258	960.138	915.264
58.5	1238.473	1188.064	1060.560	937.108	892.827
59.0	1210.797	1162.366	1035.850	914.473	870.588
59.5	1183.122	1136.667	1011.139	891.839	848.942
60.0	1156.435	1110.968	986.232	869.106	827.395
60.5	1129.748	1085.270	962.115	846.965	805.848
61.0	1103.061	1060.560	937.503	825.023	784.696
61.5	1077.363	1034.861	913.584	802.882	763.840
62.0	1050.676	1009.163	889.467	781.730	743.677
62.5	1024.977	984.749	866.140	760.480	723.118
63.0	999.279	960.335	842.913	739.328	702.954
63.5	974.074	935.922	819.685	717.978	682.593
64.0	949.562	911.706	797.051	697.419	663.023
64.5	924.259	887.490	774.219	676.959	643.551
65.0	899.746	863.768	751.782	656.499	624.574
65.5	875.431	839.750	729.147	636.435	605.201
66.0	851.215	815.929	707.303	616.864	586.224
66.5	827.197	792.405	685.361	596.997	567.049
67.0	802.882	769.079	663.715	577.328	548.664
67.5	778.568	745.752	642.365	558.351	530.280
68.0	755.241	722.821	620.818	539.274	511.698
68.5	731.421	700.088	599.765	520.495	493.808
69.0	707.798	677.355	578.909	501.814	476.016
69.5	684.867	654.720	558.548	483.331	458.719
70.0	661.639	632.185	537.792	465.243	441.224
70.5	638.708	610.044	517.431	447.254	424.323
71.0	615.777	588.102	497.662	429.759	407.223
71.5	593.340	565.961	477.894	412.363	390.717
72.0	571.002	544.414	458.324	395.066	374.211
72.5	548.763	523.065	438.852	378.164	358.198
73.0	527.117	502.011	419.776	361.164	342.483
73.5	505.471	480.662	400.996	344.954	326.767
74.0	484.220	459.708	382.414	328.645	311.150
74.5	463.167	439.149	364.030	312.831	296.324
75.0	442.411	418.887	345.744	296.917	281.597
75.5	422.049	399.020	328.052	281.795	266.968
76.0	402.182	379.350	310.755	266.672	252.834
76.5	382.217	359.681	293.458	252.142	238.997
77.0	363.338	340.506	276.853	237.613	225.258
77.5	344.163	321.627	260.346	223.577	211.815
78.0	325.087	303.045	244.037	209.839	199.065
78.5	306.208	284.661	228.421	196.495	186.117
79.0	288.219	266.968	213.100	183.349	173.663
79.5	270.527	248.980	198.175	170.204	161.506
80.0	252.933	231.781	183.349	157.848	149.744
80.5	235.438	214.682	168.919	145.592	138.080
81.0	218.537	198.077	155.081	133.929	127.010
81.5	201.833	181.966	141.540	122.365	116.039
82.0	185.722	165.657	128.690	111.097	105.166
82.5	170.006	150.238	116.039	100.126	94.788

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CANDELA TABULATION - (Cont.)

83.0	154.488	135.016	103.783	89.451	84.212
83.5	139.168	120.487	92.218	78.974	74.130
84.0	124.539	106.254	80.950	68.694	64.345
84.5	110.108	92.811	70.177	58.909	54.955
85.0	96.468	79.863	59.799	49.717	45.763
85.5	83.224	67.409	49.915	40.327	35.879
86.0	70.770	55.548	41.019	30.641	25.007
86.5	58.415	44.874	32.420	19.373	15.419
87.0	47.048	34.792	23.129	12.256	10.971
87.5	36.472	25.896	13.343	9.390	8.599
88.0	26.687	17.692	8.401	7.215	6.721
88.5	18.384	9.884	6.227	5.239	4.646
89.0	11.564	4.942	4.151	3.361	2.965
89.5	5.733	2.669	2.273	1.680	1.483
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-4-L19-840-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-4-L19-840-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-4-L19-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1292.71	N.A.	16.50
0-30	2649.84	N.A.	33.70
0-40	4144.79	N.A.	52.80
0-60	6642.2	N.A.	84.50
0-80	7775.48	N.A.	99.00
0-90	7856.85	N.A.	100.00
10-90	7515.06	N.A.	95.60
20-40	2852.08	N.A.	36.30
20-50	4238.4	N.A.	53.90
40-70	3250.46	N.A.	41.40
60-80	1133.27	N.A.	14.40
70-80	380.22	N.A.	4.80
80-90	81.37	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	7856.85	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	341.79
10-20	950.93
20-30	1357.12
30-40	1494.96
40-50	1386.32
50-60	1111.09
60-70	753.05
70-80	380.22
80-90	81.37
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-4-L19-840-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-4-L19-840-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

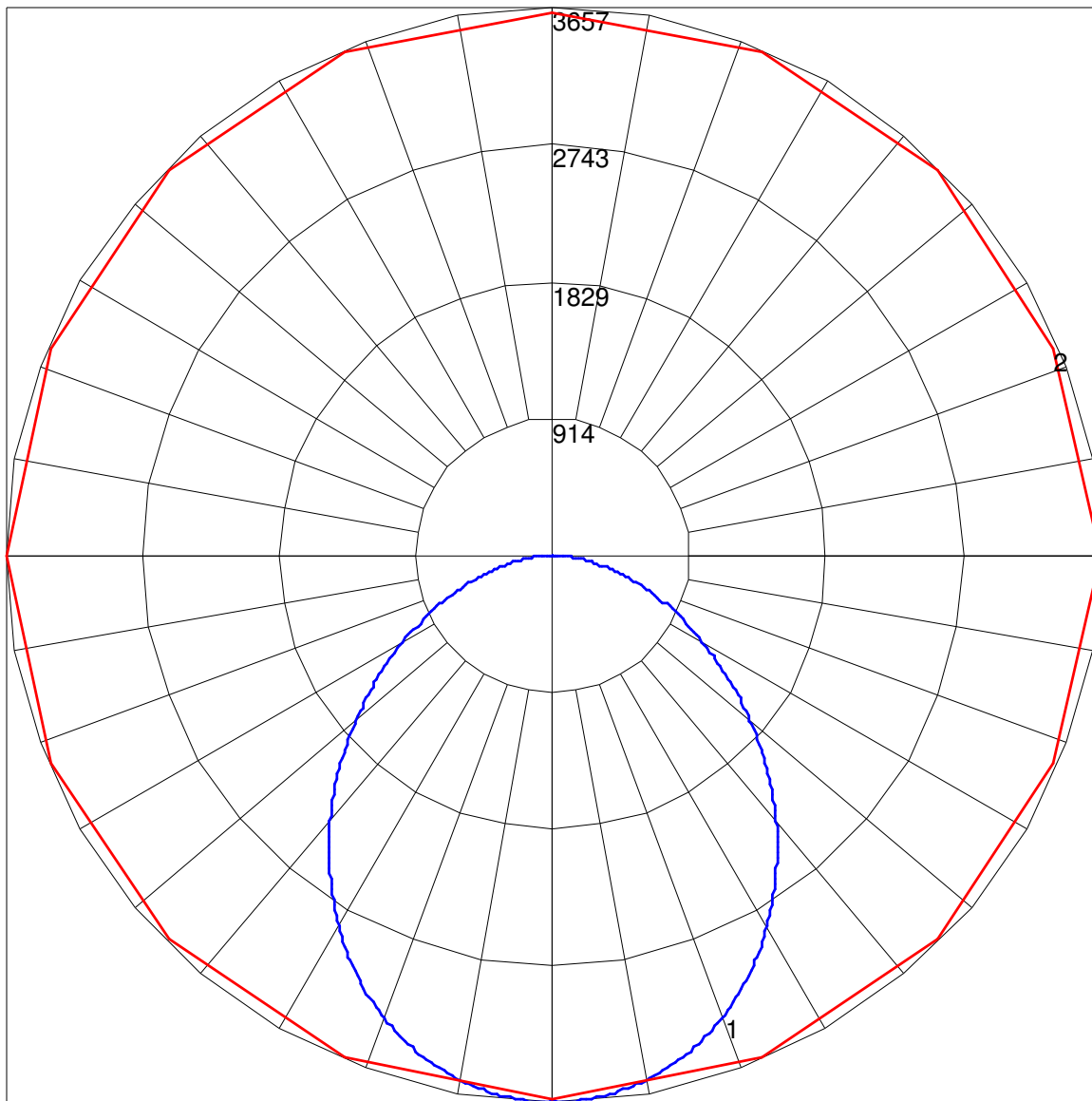
X=2H	Y=2H	21.7	23.3	22.1	23.6	23.9	20.0	21.5	20.4	21.8	22.2
	3H	23.3	24.7	23.7	25.0	25.4	21.3	22.7	21.7	23.0	23.4
	4H	23.9	25.2	24.3	25.5	25.9	21.8	23.1	22.2	23.4	23.8
	6H	24.2	25.4	24.7	25.8	26.2	22.0	23.2	22.4	23.6	24.0
	8H	24.3	25.5	24.8	25.9	26.3	22.1	23.2	22.5	23.6	24.0
	12H	24.4	25.5	24.8	25.9	26.3	22.1	23.2	22.5	23.6	24.0

UGR Viewed Endwise

4H	2H	22.1	23.4	22.5	23.7	24.1	20.7	22.0	21.1	22.3	22.7
	3H	23.9	25.0	24.3	25.4	25.8	22.2	23.3	22.6	23.7	24.1
	4H	24.6	25.5	25.0	26.0	26.4	22.7	23.7	23.2	24.1	24.6
	6H	25.1	25.9	25.5	26.4	26.8	23.1	23.9	23.5	24.4	24.8
	8H	25.2	26.0	25.7	26.5	26.9	23.2	23.9	23.6	24.4	24.9
	12H	25.3	26.0	25.8	26.5	27.0	23.2	23.9	23.7	24.4	24.8
8H	4H	24.7	25.5	25.2	25.9	26.4	23.0	23.8	23.5	24.3	24.7
	6H	25.3	25.9	25.8	26.4	26.9	23.5	24.1	23.9	24.6	25.1
	8H	25.5	26.1	26.0	26.6	27.1	23.6	24.2	24.1	24.7	25.2
	12H	25.6	26.2	26.1	26.6	27.2	23.6	24.2	24.2	24.7	25.2
12H	4H	24.7	25.4	25.2	25.9	26.4	23.1	23.8	23.5	24.2	24.7
	6H	25.3	25.9	25.8	26.4	26.9	23.5	24.1	24.0	24.6	25.1
	8H	25.5	26.0	26.0	26.5	27.1	23.7	24.2	24.2	24.7	25.2

Maximum UGR = 27.2

POLAR GRAPH



Maximum Candela = 3657.103 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.)