

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L19-850-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-4-L19-850-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	8086
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
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	19723	17485	15479
55	17264	14922	12674
65	14689	12274	10197
75	11794	9217	7507
85	7637	4734	3623

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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	3745.312	3745.312	3745.312	3745.312	3745.312
0.5	3763.621	3737.174	3746.329	3743.278	3741.243
1.0	3762.604	3736.157	3745.312	3742.260	3740.226
1.5	3761.587	3734.123	3744.295	3740.226	3738.192
2.0	3759.553	3733.106	3741.243	3736.157	3737.174
2.5	3758.535	3731.071	3739.209	3734.123	3733.106
3.0	3755.484	3728.020	3736.157	3729.037	3728.020
3.5	3753.449	3724.968	3732.088	3724.968	3722.934
4.0	3748.364	3720.899	3728.020	3719.882	3716.830
4.5	3746.329	3716.830	3722.934	3713.779	3709.710
5.0	3741.243	3712.762	3716.830	3707.676	3703.607
5.5	3739.209	3706.659	3710.727	3699.538	3694.452
6.0	3730.054	3701.573	3703.607	3691.401	3686.315
6.5	3724.968	3696.487	3695.469	3682.246	3676.143
7.0	3718.865	3689.366	3688.349	3673.091	3666.988
7.5	3712.762	3682.246	3679.194	3662.919	3655.799
8.0	3705.641	3674.108	3671.057	3651.730	3643.592
8.5	3698.521	3666.988	3661.902	3639.524	3631.386
9.0	3690.383	3658.850	3650.713	3627.317	3619.180
9.5	3681.229	3648.678	3640.541	3614.094	3604.939
10.0	3674.108	3639.524	3628.335	3601.887	3591.715
10.5	3662.919	3629.352	3617.145	3588.664	3577.475
11.0	3652.747	3619.180	3603.922	3573.406	3563.234
11.5	3642.575	3607.991	3590.698	3558.148	3545.942
12.0	3631.386	3596.801	3577.475	3541.873	3529.667
12.5	3618.163	3583.578	3563.234	3525.598	3511.357
13.0	3606.973	3571.372	3547.976	3508.306	3494.065
13.5	3595.784	3558.148	3532.718	3491.013	3476.772
14.0	3581.544	3544.925	3517.460	3471.686	3456.429
14.5	3569.337	3529.667	3500.168	3453.377	3437.102
15.0	3555.096	3515.426	3482.876	3434.050	3416.758
15.5	3540.856	3500.168	3465.583	3413.706	3396.414
16.0	3525.598	3484.910	3447.274	3393.362	3374.036
16.5	3511.357	3469.652	3428.964	3372.001	3352.675
17.0	3495.082	3452.360	3409.638	3350.640	3329.279
17.5	3479.824	3435.067	3391.328	3328.262	3305.884
18.0	3462.532	3418.792	3370.984	3305.884	3282.488
18.5	3447.274	3400.483	3350.640	3282.488	3257.058
19.0	3428.964	3382.173	3329.279	3258.076	3231.628
19.5	3411.672	3363.864	3307.918	3234.680	3206.199
20.0	3393.362	3344.537	3285.540	3210.267	3180.769
20.5	3375.053	3325.210	3263.162	3184.838	3154.322
21.0	3355.726	3305.884	3240.783	3159.408	3126.857
21.5	3337.417	3284.523	3217.388	3132.961	3100.410
22.0	3317.073	3264.179	3192.975	3106.513	3073.963
22.5	3296.729	3242.818	3168.562	3080.066	3045.482
23.0	3277.402	3222.474	3145.167	3051.585	3017.000
23.5	3257.058	3200.095	3119.737	3024.121	2988.519
24.0	3235.697	3177.717	3094.307	2996.656	2959.020
24.5	3214.336	3155.339	3067.860	2968.175	2930.539
25.0	3191.958	3132.961	3042.430	2939.694	2901.040
25.5	3168.562	3108.548	3015.983	2910.195	2869.507
26.0	3146.184	3085.152	2987.502	2880.696	2838.991
26.5	3123.806	3060.740	2961.055	2851.198	2807.458

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CANDELA TABULATION - (Cont.)

27.0	3099.393	3036.327	2932.573	2820.682	2776.942
27.5	3073.963	3010.897	2905.109	2790.166	2746.426
28.0	3050.568	2986.484	2876.627	2758.633	2713.876
28.5	3026.155	2961.055	2849.163	2728.117	2682.343
29.0	3001.742	2935.625	2820.682	2696.584	2651.827
29.5	2973.261	2909.178	2791.183	2665.051	2619.277
30.0	2945.797	2881.713	2761.684	2633.518	2587.744
30.5	2920.367	2855.266	2733.203	2603.002	2555.194
31.0	2893.920	2828.819	2703.704	2571.469	2522.644
31.5	2868.490	2801.355	2674.206	2538.919	2490.093
32.0	2840.008	2773.891	2643.690	2507.386	2458.560
32.5	2813.561	2745.409	2614.191	2474.835	2424.993
33.0	2786.097	2717.945	2582.658	2443.302	2393.460
33.5	2758.633	2689.464	2554.177	2410.752	2358.875
34.0	2732.186	2660.982	2522.644	2379.219	2327.342
34.5	2704.721	2633.518	2492.128	2347.686	2295.809
35.0	2677.257	2604.019	2460.595	2315.136	2263.259
35.5	2648.776	2574.521	2430.079	2284.620	2229.691
36.0	2622.329	2546.039	2399.563	2252.070	2199.176
36.5	2593.847	2516.540	2368.030	2220.537	2166.625
37.0	2564.349	2487.042	2338.531	2189.004	2136.109
37.5	2535.867	2457.543	2308.015	2156.453	2103.559
38.0	2507.386	2427.027	2276.482	2124.920	2071.009
38.5	2477.887	2398.546	2245.967	2093.387	2039.476
39.0	2447.371	2368.030	2215.451	2061.854	2007.943
39.5	2418.890	2338.531	2183.918	2030.321	1976.410
40.0	2389.391	2308.015	2153.402	2000.823	1945.894
40.5	2357.858	2278.517	2121.869	1969.289	1913.344
41.0	2328.359	2248.001	2091.353	1937.756	1879.776
41.5	2298.861	2218.502	2060.837	1906.223	1848.243
42.0	2267.328	2187.986	2030.321	1873.673	1815.693
42.5	2234.777	2156.453	1999.805	1843.157	1784.160
43.0	2204.262	2125.938	1969.289	1809.590	1752.627
43.5	2174.763	2096.439	1938.774	1778.057	1723.128
44.0	2142.213	2065.923	1908.258	1748.558	1692.612
44.5	2111.697	2035.407	1874.690	1718.042	1662.097
45.0	2080.164	2005.909	1844.175	1688.544	1632.598
45.5	2048.631	1974.375	1812.641	1659.045	1602.082
46.0	2018.115	1944.877	1783.143	1629.546	1572.583
46.5	1987.599	1914.361	1753.644	1601.065	1544.102
47.0	1956.066	1883.845	1724.146	1571.566	1514.603
47.5	1924.533	1851.295	1695.664	1543.085	1486.122
48.0	1894.017	1819.762	1667.183	1514.603	1456.623
48.5	1862.484	1790.263	1637.684	1486.122	1428.142
49.0	1828.917	1759.747	1609.202	1457.640	1400.677
49.5	1799.418	1731.266	1581.738	1429.159	1373.213
50.0	1768.902	1701.767	1553.257	1401.695	1345.749
50.5	1740.421	1672.269	1524.775	1374.230	1318.285
51.0	1709.905	1643.787	1496.294	1345.749	1290.820
51.5	1680.406	1614.288	1468.830	1319.302	1264.373
52.0	1651.925	1584.790	1440.348	1291.838	1237.926
52.5	1622.426	1556.308	1412.884	1265.391	1212.496
53.0	1592.927	1527.827	1385.420	1238.943	1187.067
53.5	1563.429	1499.345	1358.973	1212.496	1160.619
54.0	1534.947	1470.864	1330.491	1187.067	1135.190
54.5	1505.449	1443.400	1304.044	1160.619	1109.760

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CANDELA TABULATION - (Cont.)

55.0	1476.967	1414.918	1276.580	1136.207	1084.330
55.5	1447.468	1387.454	1250.133	1109.760	1059.917
56.0	1417.970	1358.973	1223.686	1085.347	1035.504
56.5	1389.488	1331.508	1197.238	1060.934	1012.618
57.0	1359.990	1304.044	1169.774	1036.522	988.510
57.5	1331.508	1277.597	1144.344	1012.109	965.013
58.0	1303.027	1250.133	1117.897	988.103	941.923
58.5	1274.545	1222.668	1091.450	964.403	918.832
59.0	1246.064	1196.221	1066.020	941.109	895.945
59.5	1217.582	1169.774	1040.590	917.815	873.669
60.0	1190.118	1143.327	1014.957	894.420	851.494
60.5	1162.654	1116.880	990.138	871.634	829.319
61.0	1135.190	1091.450	964.809	849.053	807.551
61.5	1108.743	1065.003	940.193	826.267	786.088
62.0	1081.278	1038.556	915.374	804.500	765.338
62.5	1054.831	1013.431	891.368	782.630	744.180
63.0	1028.384	988.307	867.464	760.862	723.429
63.5	1002.446	963.182	843.560	738.890	702.475
64.0	977.219	938.261	820.266	717.733	682.334
64.5	951.179	913.339	796.769	696.677	662.296
65.0	925.953	888.927	773.679	675.621	642.766
65.5	900.930	864.209	750.385	654.972	622.828
66.0	876.008	839.694	727.905	634.831	603.298
66.5	851.290	815.485	705.323	614.386	583.565
67.0	826.267	791.479	683.046	594.144	564.645
67.5	801.244	767.474	661.075	574.613	545.725
68.0	777.239	743.875	638.900	554.982	526.602
68.5	752.724	720.479	617.234	535.655	508.191
69.0	728.413	697.084	595.771	516.430	489.881
69.5	704.814	673.790	574.817	497.408	472.080
70.0	680.910	650.598	553.456	478.794	454.076
70.5	657.311	627.813	532.502	460.281	436.682
71.0	633.712	605.231	512.158	442.276	419.084
71.5	610.622	582.446	491.814	424.374	402.097
72.0	587.634	560.271	471.673	406.573	385.110
72.5	564.747	538.300	451.635	389.179	368.631
73.0	542.470	516.633	432.003	371.683	352.458
73.5	520.194	494.662	412.676	355.001	336.285
74.0	498.324	473.097	393.553	338.217	320.213
74.5	476.658	451.940	374.633	321.942	304.955
75.0	455.296	431.087	355.815	305.565	289.799
75.5	434.342	410.642	337.607	290.002	274.744
76.0	413.897	390.399	319.806	274.439	260.198
76.5	393.349	370.157	302.005	259.486	245.958
77.0	373.921	350.424	284.916	244.534	231.819
77.5	354.187	330.995	267.929	230.090	217.985
78.0	334.555	311.872	251.145	215.950	204.863
78.5	315.127	292.952	235.074	202.218	191.538
79.0	296.614	274.744	219.307	188.690	178.721
79.5	278.406	256.231	203.948	175.161	166.210
80.0	260.300	238.532	188.690	162.446	154.105
80.5	242.296	220.935	173.839	149.833	142.102
81.0	224.902	203.846	159.598	137.830	130.710
81.5	207.711	187.266	145.662	125.929	119.419
82.0	191.131	170.482	132.439	114.333	108.230
82.5	174.958	154.614	119.419	103.042	97.549

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CANDELA TABULATION - (Cont.)

83.0	158.988	138.949	106.805	92.056	86.665
83.5	143.221	123.996	94.904	81.274	76.290
84.0	128.167	109.348	83.308	70.695	66.219
84.5	113.316	95.515	72.221	60.625	56.556
85.0	99.278	82.189	61.540	51.165	47.096
85.5	85.648	69.373	51.368	41.502	36.924
86.0	72.831	57.166	42.214	31.533	25.735
86.5	60.116	46.181	33.364	19.937	15.868
87.0	48.418	35.805	23.802	12.613	11.291
87.5	37.534	26.651	13.732	9.663	8.850
88.0	27.464	18.208	8.646	7.426	6.917
88.5	18.920	10.172	6.408	5.391	4.781
89.0	11.901	5.086	4.272	3.458	3.052
89.5	5.900	2.746	2.340	1.729	1.526
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-L19-850-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-L19-850-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-L19-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1330.37	N.A.	16.50
0-30	2727.02	N.A.	33.70
0-40	4265.52	N.A.	52.80
0-60	6835.67	N.A.	84.50
0-80	8001.95	N.A.	99.00
0-90	8085.69	N.A.	100.00
10-90	7733.95	N.A.	95.60
20-40	2935.15	N.A.	36.30
20-50	4361.85	N.A.	53.90
40-70	3345.14	N.A.	41.40
60-80	1166.28	N.A.	14.40
70-80	391.29	N.A.	4.80
80-90	83.74	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	8085.69	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	351.74
10-20	978.63
20-30	1396.65
30-40	1538.5
40-50	1426.7
50-60	1143.45
60-70	774.99
70-80	391.29
80-90	83.74
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-L19-850-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-L19-850-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	21.8	23.4	22.2	23.7	24.0	20.1	21.6	20.5	21.9	22.3
	3H	23.4	24.8	23.8	25.1	25.5	21.4	22.8	21.8	23.1	23.5
	4H	24.0	25.3	24.4	25.6	26.0	21.9	23.2	22.3	23.5	23.9
	6H	24.3	25.5	24.8	25.9	26.3	22.1	23.3	22.5	23.7	24.1
	8H	24.4	25.6	24.9	26.0	26.4	22.2	23.3	22.6	23.7	24.1
	12H	24.5	25.6	24.9	26.0	26.4	22.2	23.3	22.6	23.7	24.1

UGR Viewed Endwise

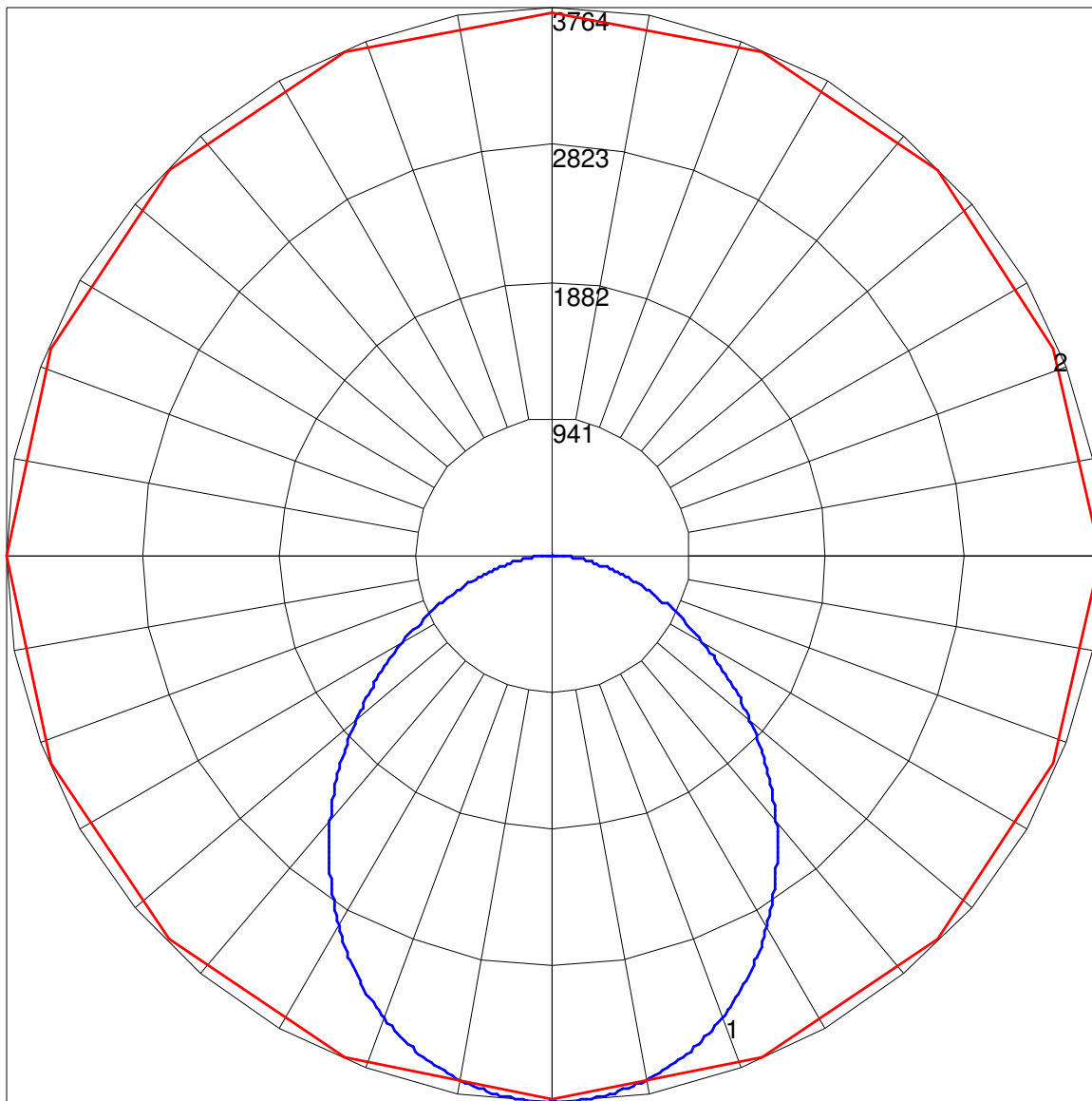
4H	2H	22.2	23.5	22.6	23.8	24.2	20.8	22.1	21.2	22.4	22.8
	3H	24.0	25.1	24.4	25.5	25.9	22.3	23.4	22.7	23.8	24.2
	4H	24.7	25.6	25.1	26.1	26.5	22.8	23.8	23.3	24.2	24.7
	6H	25.2	26.0	25.6	26.5	26.9	23.2	24.0	23.6	24.5	24.9
	8H	25.3	26.1	25.8	26.6	27.0	23.3	24.0	23.7	24.5	25.0
	12H	25.4	26.1	25.9	26.6	27.1	23.3	24.0	23.8	24.5	24.9

8H	4H	24.8	25.6	25.3	26.0	26.5	23.1	23.9	23.6	24.4	24.8
	6H	25.4	26.0	25.9	26.5	27.0	23.6	24.2	24.0	24.7	25.2
	8H	25.6	26.2	26.1	26.7	27.2	23.7	24.3	24.2	24.8	25.3
	12H	25.7	26.3	26.2	26.7	27.3	23.7	24.3	24.3	24.8	25.3

12H	4H	24.8	25.5	25.3	26.0	26.5	23.2	23.9	23.6	24.3	24.8
	6H	25.4	26.0	25.9	26.5	27.0	23.6	24.2	24.1	24.7	25.2
	8H	25.6	26.1	26.1	26.6	27.2	23.8	24.3	24.3	24.8	25.3

Maximum UGR = 27.3

POLAR GRAPH



Maximum Candela = 3763.621 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.)