

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L19-950-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-4-L19-950-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	6789
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
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	16560	14681	12997
55	14495	12529	10642
65	12333	10305	8561
75	9902	7739	6303
85	6412	3975	3042

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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	3144.647	3144.647	3144.647	3144.647	3144.647
0.5	3160.020	3137.815	3145.501	3142.939	3141.231
1.0	3159.166	3136.961	3144.647	3142.085	3140.377
1.5	3158.312	3135.253	3143.793	3140.377	3138.669
2.0	3156.604	3134.399	3141.231	3136.961	3137.815
2.5	3155.750	3132.691	3139.523	3135.253	3134.399
3.0	3153.188	3130.128	3136.961	3130.982	3130.128
3.5	3151.480	3127.566	3133.545	3127.566	3125.858
4.0	3147.210	3124.150	3130.128	3123.296	3120.734
4.5	3145.501	3120.734	3125.858	3118.172	3114.755
5.0	3141.231	3117.317	3120.734	3113.047	3109.631
5.5	3139.523	3112.193	3115.609	3106.215	3101.944
6.0	3131.836	3107.923	3109.631	3099.382	3095.112
6.5	3127.566	3103.653	3102.798	3091.696	3086.571
7.0	3122.442	3097.674	3096.820	3084.009	3078.885
7.5	3117.317	3091.696	3089.133	3075.469	3069.490
8.0	3111.339	3084.863	3082.301	3066.074	3059.241
8.5	3105.361	3078.885	3074.614	3055.825	3048.993
9.0	3098.528	3072.052	3065.220	3045.576	3038.744
9.5	3090.842	3063.512	3056.679	3034.474	3026.787
10.0	3084.863	3055.825	3046.431	3024.225	3015.684
10.5	3075.469	3047.285	3037.036	3013.122	3003.728
11.0	3066.928	3038.744	3025.933	3000.311	2991.771
11.5	3058.387	3029.349	3014.830	2987.500	2977.252
12.0	3048.993	3019.955	3003.728	2973.835	2963.587
12.5	3037.890	3008.852	2991.771	2960.170	2948.214
13.0	3028.495	2998.603	2978.960	2945.651	2933.695
13.5	3019.101	2987.500	2966.149	2931.132	2919.176
14.0	3007.144	2976.398	2953.338	2914.905	2902.094
14.5	2996.895	2963.587	2938.819	2899.532	2885.867
15.0	2984.938	2951.630	2924.300	2883.305	2868.786
15.5	2972.981	2938.819	2909.781	2866.224	2851.705
16.0	2960.170	2926.008	2894.408	2849.143	2832.916
16.5	2948.214	2913.197	2879.035	2831.207	2814.980
17.0	2934.549	2898.678	2862.808	2813.272	2795.337
17.5	2921.738	2884.159	2847.435	2794.483	2775.694
18.0	2907.219	2870.494	2830.353	2775.694	2756.050
18.5	2894.408	2855.121	2813.272	2756.050	2734.699
19.0	2879.035	2839.748	2795.337	2735.553	2713.347
19.5	2864.516	2824.375	2777.402	2715.909	2691.996
20.0	2849.143	2808.148	2758.612	2695.412	2670.644
20.5	2833.770	2791.921	2739.823	2674.061	2648.439
21.0	2817.543	2775.694	2721.034	2652.709	2625.379
21.5	2802.169	2757.758	2701.390	2630.503	2603.174
22.0	2785.088	2740.677	2680.893	2608.298	2580.968
22.5	2768.007	2722.742	2660.396	2586.092	2557.054
23.0	2751.780	2705.661	2640.752	2562.179	2533.141
23.5	2734.699	2686.871	2619.401	2539.119	2509.227
24.0	2716.764	2668.082	2598.049	2516.060	2484.459
24.5	2698.828	2649.293	2575.844	2492.146	2460.546
25.0	2680.039	2630.503	2554.492	2468.232	2435.778
25.5	2660.396	2610.006	2532.287	2443.464	2409.302
26.0	2641.606	2590.363	2508.373	2418.697	2383.680
26.5	2622.817	2569.865	2486.167	2393.929	2357.204

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CANDELA TABULATION - (Cont.)

27.0	2602.320	2549.368	2462.254	2368.307	2331.583
27.5	2580.968	2528.016	2439.194	2342.685	2305.961
28.0	2561.325	2507.519	2415.280	2316.210	2278.631
28.5	2540.827	2486.167	2392.221	2290.588	2252.155
29.0	2520.330	2464.816	2368.307	2264.112	2226.533
29.5	2496.416	2442.610	2343.539	2237.636	2199.203
30.0	2473.357	2419.551	2318.772	2211.160	2172.728
30.5	2452.005	2397.345	2294.858	2185.538	2145.398
31.0	2429.799	2375.140	2270.090	2159.063	2118.068
31.5	2408.448	2352.080	2245.323	2131.733	2090.738
32.0	2384.534	2329.020	2219.701	2105.257	2064.262
32.5	2362.329	2305.107	2194.933	2077.927	2036.078
33.0	2339.269	2282.047	2168.457	2051.451	2009.602
33.5	2316.210	2258.134	2144.544	2024.121	1980.564
34.0	2294.004	2234.220	2118.068	1997.645	1954.088
34.5	2270.944	2211.160	2092.446	1971.170	1927.612
35.0	2247.885	2186.393	2065.970	1943.840	1900.283
35.5	2223.971	2161.625	2040.348	1918.218	1872.099
36.0	2201.766	2137.711	2014.727	1890.888	1846.477
36.5	2177.852	2112.943	1988.251	1864.412	1819.147
37.0	2153.084	2088.176	1963.483	1837.936	1793.525
37.5	2129.171	2063.408	1937.861	1810.606	1766.195
38.0	2105.257	2037.786	1911.385	1784.130	1738.865
38.5	2080.489	2013.872	1885.764	1757.655	1712.389
39.0	2054.867	1988.251	1860.142	1731.179	1685.914
39.5	2030.954	1963.483	1833.666	1704.703	1659.438
40.0	2006.186	1937.861	1808.044	1679.935	1633.816
40.5	1979.710	1913.093	1781.568	1653.459	1606.486
41.0	1954.942	1887.472	1755.946	1626.983	1578.302
41.5	1930.175	1862.704	1730.325	1600.508	1551.826
42.0	1903.699	1837.082	1704.703	1573.178	1524.496
42.5	1876.369	1810.606	1679.081	1547.556	1498.020
43.0	1850.747	1784.985	1653.459	1519.372	1471.545
43.5	1825.979	1760.217	1627.838	1492.896	1446.777
44.0	1798.649	1734.595	1602.216	1468.128	1421.155
44.5	1773.028	1708.973	1574.032	1442.507	1395.533
45.0	1746.552	1684.205	1548.410	1417.739	1370.766
45.5	1720.076	1657.730	1521.934	1392.971	1345.144
46.0	1694.454	1632.962	1497.166	1368.203	1320.376
46.5	1668.832	1607.340	1472.399	1344.290	1296.462
47.0	1642.357	1581.718	1447.631	1319.522	1271.695
47.5	1615.881	1554.388	1423.717	1295.608	1247.781
48.0	1590.259	1527.913	1399.804	1271.695	1223.013
48.5	1563.783	1503.145	1375.036	1247.781	1199.100
49.0	1535.599	1477.523	1351.122	1223.867	1176.040
49.5	1510.831	1453.609	1328.063	1199.954	1152.980
50.0	1485.210	1428.842	1304.149	1176.894	1129.921
50.5	1461.296	1404.074	1280.235	1153.834	1106.861
51.0	1435.674	1380.160	1256.322	1129.921	1083.802
51.5	1410.906	1355.393	1233.262	1107.715	1061.596
52.0	1386.993	1330.625	1209.348	1084.656	1039.391
52.5	1362.225	1306.711	1186.289	1062.450	1018.039
53.0	1337.457	1282.797	1163.229	1040.245	996.688
53.5	1312.690	1258.884	1141.024	1018.039	974.482
54.0	1288.776	1234.970	1117.110	996.688	953.130
54.5	1264.008	1211.911	1094.904	974.482	931.779

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CANDELA TABULATION - (Cont.)

55.0	1240.095	1187.997	1071.845	953.985	910.428
55.5	1215.327	1164.937	1049.639	931.779	889.930
56.0	1190.559	1141.024	1027.434	911.282	869.433
56.5	1166.645	1117.964	1005.228	890.784	850.216
57.0	1141.878	1094.904	982.169	870.287	829.975
57.5	1117.964	1072.699	960.817	849.789	810.246
58.0	1094.050	1049.639	938.611	829.633	790.859
58.5	1070.137	1026.580	916.406	809.734	771.472
59.0	1046.223	1004.374	895.054	790.176	752.256
59.5	1022.309	982.169	873.703	770.618	733.552
60.0	999.250	959.963	852.181	750.975	714.933
60.5	976.190	937.757	831.342	731.844	696.315
61.0	953.130	916.406	810.076	712.884	678.038
61.5	930.925	894.200	789.407	693.753	660.017
62.0	907.865	871.995	768.568	675.476	642.594
62.5	885.660	850.900	748.412	657.113	624.830
63.0	863.454	829.804	728.342	638.837	607.407
63.5	841.676	808.709	708.272	620.389	589.814
64.0	820.495	787.785	688.714	602.624	572.903
64.5	798.631	766.860	668.985	584.945	556.078
65.0	777.450	746.363	649.598	567.266	539.680
65.5	756.441	725.609	630.040	549.929	522.941
66.0	735.516	705.026	611.165	533.019	506.543
66.5	714.762	684.700	592.205	515.852	489.974
67.0	693.753	664.544	573.501	498.856	474.088
67.5	672.743	644.388	555.053	482.458	458.203
68.0	652.587	624.574	536.435	465.975	442.147
68.5	632.004	604.930	518.243	449.748	426.688
69.0	611.592	585.287	500.223	433.606	411.315
69.5	591.778	565.729	482.629	417.635	396.369
70.0	571.707	546.257	464.694	402.006	381.252
70.5	551.893	527.126	447.100	386.462	366.648
71.0	532.079	508.165	430.019	371.345	351.873
71.5	512.692	489.035	412.938	356.314	337.610
72.0	493.390	470.416	396.027	341.368	323.347
72.5	474.174	451.968	379.202	326.763	309.511
73.0	455.470	433.777	362.719	312.073	295.932
73.5	436.766	415.329	346.492	298.067	282.352
74.0	418.404	397.223	330.436	283.975	268.858
74.5	400.212	379.459	314.550	270.310	256.047
75.0	382.277	361.950	298.750	256.559	243.322
75.5	364.683	344.784	283.462	243.492	230.681
76.0	347.517	327.788	268.516	230.425	218.468
76.5	330.265	310.792	253.570	217.871	206.512
77.0	313.952	294.224	239.222	205.316	194.640
77.5	297.384	277.911	224.959	193.188	183.025
78.0	280.900	261.855	210.867	181.317	172.008
78.5	264.588	245.969	197.373	169.787	160.819
79.0	249.044	230.681	184.135	158.428	150.058
79.5	233.756	215.138	171.239	147.069	139.553
80.0	218.554	200.277	158.428	136.393	129.390
80.5	203.437	185.502	145.959	125.803	119.312
81.0	188.833	171.154	134.002	115.725	109.747
81.5	174.399	157.232	122.301	105.733	100.267
82.0	160.478	143.140	111.199	95.996	90.872
82.5	146.898	129.817	100.267	86.516	81.904

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CANDELA TABULATION - (Cont.)

83.0	133.490	116.665	89.676	77.292	72.766
83.5	120.252	104.110	79.684	68.239	64.054
84.0	107.612	91.811	69.947	59.357	55.599
84.5	95.142	80.196	60.638	50.902	47.486
85.0	83.356	69.008	51.671	42.959	39.543
85.5	71.912	58.247	43.130	34.846	31.002
86.0	61.151	47.998	35.443	26.476	21.608
86.5	50.475	38.774	28.013	16.740	13.323
87.0	40.653	30.063	19.985	10.590	9.480
87.5	31.515	22.376	11.530	8.114	7.430
88.0	23.060	15.288	7.260	6.235	5.808
88.5	15.886	8.541	5.381	4.527	4.014
89.0	9.992	4.270	3.587	2.904	2.562
89.5	4.954	2.306	1.964	1.452	1.281
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-L19-950-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-4-L19-950-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-4-L19-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1117.01	N.A.	16.50
0-30	2289.66	N.A.	33.70
0-40	3581.42	N.A.	52.80
0-60	5739.38	N.A.	84.50
0-80	6718.61	N.A.	99.00
0-90	6788.93	N.A.	100.00
10-90	6493.59	N.A.	95.60
20-40	2464.42	N.A.	36.30
20-50	3662.31	N.A.	53.90
40-70	2808.65	N.A.	41.40
60-80	979.23	N.A.	14.40
70-80	328.54	N.A.	4.80
80-90	70.31	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	6788.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	295.33
10-20	821.68
20-30	1172.66
30-40	1291.76
40-50	1197.89
50-60	960.07
60-70	650.69
70-80	328.54
80-90	70.31
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-L19-950-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-4-L19-950-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	21.2	22.8	21.6	23.1	23.4	19.5	21.0	19.9	21.3	21.7
	3H	22.8	24.2	23.2	24.5	24.9	20.8	22.2	21.2	22.5	22.9
	4H	23.4	24.7	23.8	25.0	25.4	21.3	22.6	21.7	22.9	23.3
	6H	23.7	24.9	24.2	25.3	25.7	21.5	22.7	21.9	23.1	23.5
	8H	23.8	25.0	24.3	25.4	25.8	21.6	22.7	22.0	23.1	23.5
	12H	23.9	25.0	24.3	25.4	25.8	21.6	22.7	22.0	23.1	23.5

UGR Viewed Endwise

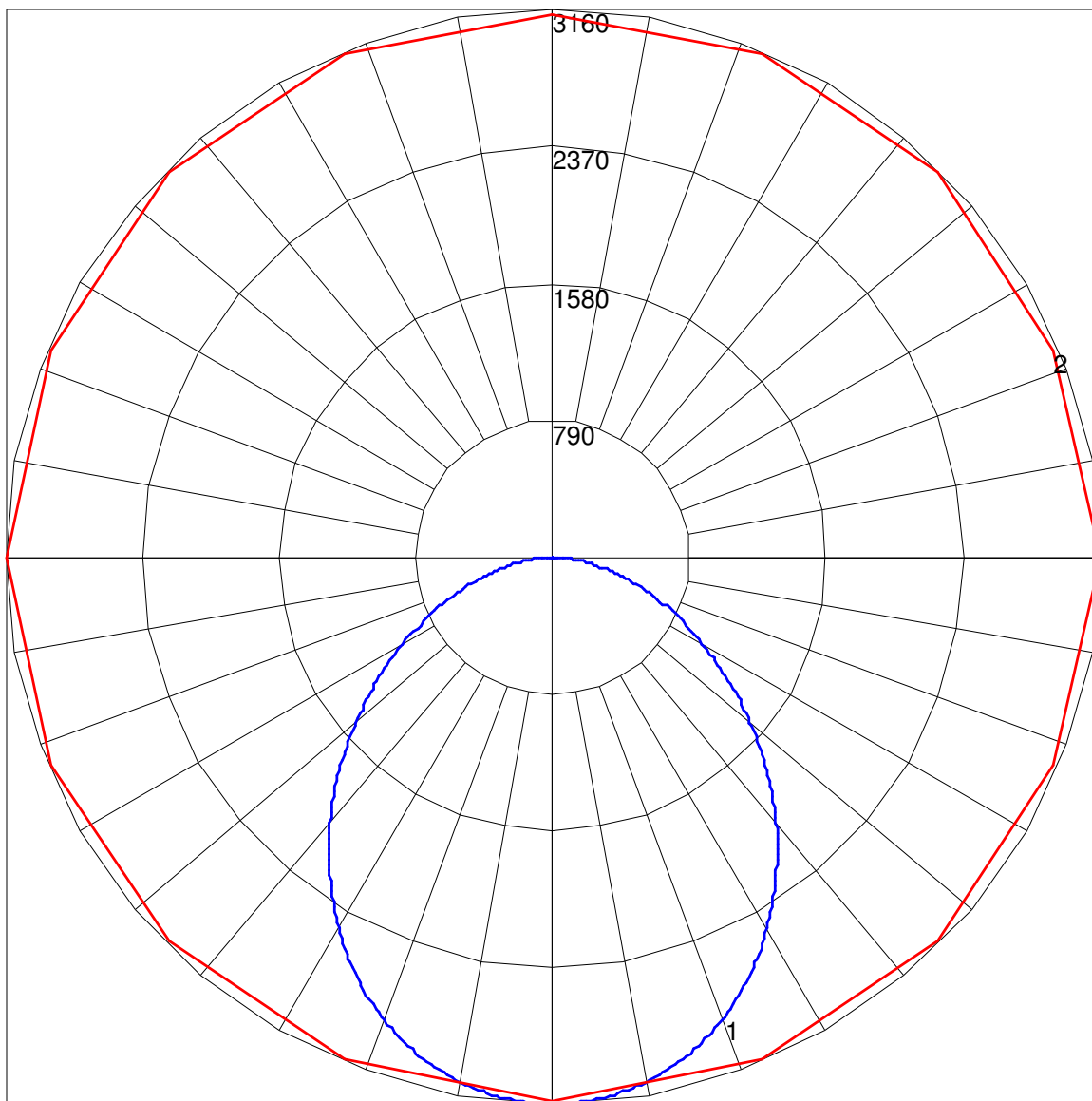
4H	2H	21.6	22.9	22.0	23.2	23.6	20.2	21.5	20.6	21.8	22.2
	3H	23.4	24.5	23.8	24.9	25.3	21.7	22.8	22.1	23.2	23.6
	4H	24.1	25.0	24.5	25.5	25.9	22.2	23.2	22.7	23.6	24.1
	6H	24.6	25.4	25.0	25.9	26.3	22.6	23.4	23.0	23.9	24.3
	8H	24.7	25.5	25.2	26.0	26.4	22.7	23.4	23.1	23.9	24.4
	12H	24.8	25.5	25.3	26.0	26.5	22.7	23.4	23.2	23.9	24.3

8H	4H	24.2	25.0	24.7	25.4	25.9	22.5	23.3	23.0	23.8	24.2
	6H	24.8	25.4	25.3	25.9	26.4	23.0	23.6	23.4	24.1	24.6
	8H	25.0	25.6	25.5	26.1	26.6	23.1	23.7	23.6	24.2	24.7
	12H	25.1	25.7	25.6	26.1	26.7	23.1	23.7	23.7	24.2	24.7

12H	4H	24.2	24.9	24.7	25.4	25.9	22.6	23.3	23.0	23.7	24.2
	6H	24.8	25.4	25.3	25.9	26.4	23.0	23.6	23.5	24.1	24.6
	8H	25.0	25.5	25.5	26.0	26.6	23.2	23.7	23.7	24.2	24.7

Maximum UGR = 26.7

POLAR GRAPH



Maximum Candela = 3160.02 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.)