

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L19-930-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-L19-930-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	6255
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
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	15257	13526	11975
55	13355	11543	9805
65	11363	9495	7888
75	9124	7130	5807
85	5908	3662	2803

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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	2897.316	2897.316	2897.316	2897.316	2897.316
0.5	2911.480	2891.021	2898.103	2895.742	2894.168
1.0	2910.693	2890.234	2897.316	2894.955	2893.381
1.5	2909.906	2888.660	2896.529	2893.381	2891.807
2.0	2908.332	2887.873	2894.168	2890.234	2891.021
2.5	2907.545	2886.299	2892.594	2888.660	2887.873
3.0	2905.185	2883.939	2890.234	2884.726	2883.939
3.5	2903.611	2881.578	2887.086	2881.578	2880.004
4.0	2899.676	2878.430	2883.939	2877.644	2875.283
4.5	2898.103	2875.283	2880.004	2872.922	2869.775
5.0	2894.168	2872.135	2875.283	2868.201	2865.053
5.5	2892.594	2867.414	2870.562	2861.906	2857.971
6.0	2885.512	2863.480	2865.053	2855.611	2851.676
6.5	2881.578	2859.545	2858.758	2848.529	2843.807
7.0	2876.857	2854.037	2853.250	2841.447	2836.725
7.5	2872.135	2848.529	2846.168	2833.578	2828.070
8.0	2866.627	2842.234	2839.873	2824.922	2818.627
8.5	2861.119	2836.725	2832.791	2815.480	2809.184
9.0	2854.824	2830.430	2824.135	2806.037	2799.742
9.5	2847.742	2822.561	2816.266	2795.807	2788.725
10.0	2842.234	2815.480	2806.824	2786.365	2778.496
10.5	2833.578	2807.611	2798.168	2776.135	2767.479
11.0	2825.709	2799.742	2787.938	2764.332	2756.463
11.5	2817.840	2791.086	2777.709	2752.529	2743.086
12.0	2809.184	2782.430	2767.479	2739.938	2730.496
12.5	2798.955	2772.201	2756.463	2727.348	2716.332
13.0	2790.299	2762.758	2744.660	2713.971	2702.955
13.5	2781.643	2752.529	2732.856	2700.594	2689.578
14.0	2770.627	2742.299	2721.053	2685.643	2673.840
14.5	2761.184	2730.496	2707.676	2671.479	2658.889
15.0	2750.168	2719.479	2694.299	2656.528	2643.151
15.5	2739.152	2707.676	2680.922	2640.791	2627.414
16.0	2727.348	2695.873	2666.758	2625.053	2610.102
16.5	2716.332	2684.069	2652.594	2608.528	2593.578
17.0	2703.742	2670.692	2637.643	2592.004	2575.479
17.5	2691.938	2657.315	2623.479	2574.692	2557.381
18.0	2678.561	2644.725	2607.742	2557.381	2539.282
18.5	2666.758	2630.561	2592.004	2539.282	2519.610
19.0	2652.594	2616.397	2575.479	2520.397	2499.938
19.5	2639.217	2602.233	2558.955	2502.299	2480.266
20.0	2625.053	2587.282	2541.643	2483.413	2460.594
20.5	2610.889	2572.332	2524.332	2463.741	2440.135
21.0	2595.938	2557.381	2507.020	2444.069	2418.889
21.5	2581.774	2540.856	2488.922	2423.610	2398.430
22.0	2566.037	2525.118	2470.036	2403.151	2377.971
22.5	2550.299	2508.594	2451.151	2382.692	2355.938
23.0	2535.348	2492.856	2433.053	2360.659	2333.905
23.5	2519.610	2475.545	2413.381	2339.413	2311.872
24.0	2503.086	2458.233	2393.708	2318.167	2289.053
24.5	2486.561	2440.922	2373.249	2296.134	2267.020
25.0	2469.250	2423.610	2353.577	2274.102	2244.200
25.5	2451.151	2404.725	2333.118	2251.282	2219.807
26.0	2433.840	2386.626	2311.085	2228.462	2196.200
26.5	2416.528	2367.741	2290.626	2205.643	2171.806

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PHOTOMETRIC FILENAME : LRX4X-4-L19-930-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	2397.643	2348.856	2268.593	2182.036	2148.200
27.5	2377.971	2329.184	2247.348	2158.429	2124.593
28.0	2359.872	2310.298	2225.315	2134.036	2099.413
28.5	2340.987	2290.626	2204.069	2110.429	2075.019
29.0	2322.102	2270.954	2182.036	2086.036	2051.413
29.5	2300.069	2250.495	2159.216	2061.642	2026.232
30.0	2278.823	2229.249	2136.397	2037.249	2001.839
30.5	2259.151	2208.790	2114.364	2013.642	1976.659
31.0	2238.692	2188.331	2091.544	1989.249	1951.478
31.5	2219.020	2167.085	2068.724	1964.068	1926.298
32.0	2196.987	2145.839	2045.118	1939.675	1901.904
32.5	2176.528	2123.806	2022.298	1914.495	1875.937
33.0	2155.282	2102.560	1997.905	1890.101	1851.544
33.5	2134.036	2080.528	1975.872	1864.921	1824.790
34.0	2113.577	2058.495	1951.478	1840.527	1800.396
34.5	2092.331	2037.249	1927.872	1816.134	1776.003
35.0	2071.085	2014.429	1903.478	1790.953	1750.822
35.5	2049.052	1991.609	1879.872	1767.347	1724.855
36.0	2028.593	1969.577	1856.265	1742.166	1701.248
36.5	2006.560	1946.757	1831.872	1717.773	1676.068
37.0	1983.741	1923.937	1809.052	1693.380	1652.461
37.5	1961.708	1901.118	1785.445	1668.199	1627.281
38.0	1939.675	1877.511	1761.052	1643.806	1602.101
38.5	1916.855	1855.478	1737.445	1619.412	1577.707
39.0	1893.249	1831.872	1713.839	1595.019	1553.314
39.5	1871.216	1809.052	1689.445	1570.625	1528.920
40.0	1848.396	1785.445	1665.838	1547.806	1505.314
40.5	1824.003	1762.626	1641.445	1523.412	1480.133
41.0	1801.183	1739.019	1617.838	1499.019	1454.166
41.5	1778.363	1716.199	1594.232	1474.625	1429.773
42.0	1753.970	1692.593	1570.625	1449.445	1404.592
42.5	1728.789	1668.199	1547.019	1425.838	1380.199
43.0	1705.183	1644.593	1523.412	1399.871	1355.805
43.5	1682.363	1621.773	1499.805	1375.477	1332.986
44.0	1657.183	1598.166	1476.199	1352.658	1309.379
44.5	1633.576	1574.560	1450.232	1329.051	1285.772
45.0	1609.183	1551.740	1426.625	1306.231	1262.953
45.5	1584.789	1527.346	1402.232	1283.412	1239.346
46.0	1561.183	1504.527	1379.412	1260.592	1216.526
46.5	1537.576	1480.920	1356.592	1238.559	1194.494
47.0	1513.183	1457.314	1333.772	1215.739	1171.674
47.5	1488.789	1432.133	1311.740	1193.707	1149.641
48.0	1465.182	1407.740	1289.707	1171.674	1126.821
48.5	1440.789	1384.920	1266.887	1149.641	1104.788
49.0	1414.822	1361.313	1244.854	1127.608	1083.543
49.5	1392.002	1339.281	1223.608	1105.575	1062.297
50.0	1368.395	1316.461	1201.576	1084.329	1041.051
50.5	1346.363	1293.641	1179.543	1063.084	1019.805
51.0	1322.756	1271.608	1157.510	1041.051	998.559
51.5	1299.936	1248.789	1136.264	1020.592	978.100
52.0	1277.904	1225.969	1114.231	999.346	957.641
52.5	1255.084	1203.936	1092.985	978.887	937.969
53.0	1232.264	1181.903	1071.739	958.428	918.296
53.5	1209.444	1159.871	1051.280	937.969	897.837
54.0	1187.412	1137.838	1029.247	918.296	878.165
54.5	1164.592	1116.592	1008.788	897.837	858.493

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L19-930-DMA-DIM-UNV_.IES

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55.0	1142.559	1094.559	987.542	878.952	838.821
55.5	1119.739	1073.313	967.083	858.493	819.936
56.0	1096.920	1051.280	946.624	839.608	801.050
56.5	1074.887	1030.034	926.165	820.723	783.345
57.0	1052.067	1008.788	904.919	801.837	764.696
57.5	1030.034	988.329	885.247	782.952	746.519
58.0	1008.001	967.083	864.788	764.381	728.657
58.5	985.969	945.837	844.329	746.047	710.794
59.0	963.936	925.378	824.657	728.027	693.090
59.5	941.903	904.919	804.985	710.008	675.857
60.0	920.657	884.460	785.155	691.909	658.703
60.5	899.411	864.001	765.955	674.283	641.548
61.0	878.165	844.329	746.362	656.814	624.709
61.5	857.706	823.870	727.319	639.188	608.106
62.0	836.460	803.411	708.119	622.348	592.053
62.5	816.001	783.975	689.549	605.430	575.686
63.0	795.542	764.539	671.057	588.591	559.634
63.5	775.477	745.103	652.565	571.594	543.424
64.0	755.962	725.824	634.545	555.227	527.843
64.5	735.817	706.545	616.368	538.938	512.342
65.0	716.303	687.660	598.506	522.650	497.234
65.5	696.945	668.539	580.486	506.676	481.811
66.0	677.667	649.575	563.096	491.096	466.702
66.5	658.545	630.847	545.627	475.279	451.437
67.0	639.188	612.276	528.394	459.620	436.801
67.5	619.830	593.706	511.397	444.512	422.165
68.0	601.260	575.450	494.243	429.325	407.371
68.5	582.296	557.352	477.483	414.374	393.128
69.0	563.489	539.253	460.879	399.502	378.964
69.5	545.234	521.234	444.670	384.787	365.194
70.0	526.742	503.293	428.145	370.387	351.266
70.5	508.486	485.666	411.935	356.066	337.810
71.0	490.230	468.197	396.197	342.138	324.197
71.5	472.368	450.571	380.460	328.289	311.056
72.0	454.584	433.417	364.879	314.518	297.915
72.5	436.879	416.420	349.378	301.063	285.168
73.0	419.647	399.660	334.191	287.528	272.656
73.5	402.414	382.663	319.240	274.623	260.145
74.0	385.496	365.981	304.446	261.640	247.712
74.5	368.735	349.614	289.810	249.050	235.909
75.0	352.210	333.482	275.253	236.381	224.184
75.5	336.000	317.666	261.168	224.341	212.538
76.0	320.184	302.007	247.397	212.302	201.286
76.5	304.289	286.348	233.627	200.735	190.269
77.0	289.259	271.082	220.407	189.167	179.331
77.5	273.994	256.053	207.266	177.994	168.630
78.0	258.807	241.259	194.282	167.056	158.479
78.5	243.777	226.623	181.849	156.433	148.171
79.0	229.456	212.538	169.653	145.967	138.256
79.5	215.371	198.217	157.771	135.502	128.577
80.0	201.364	184.525	145.967	125.666	119.213
80.5	187.436	170.912	134.479	115.908	109.928
81.0	173.981	157.692	123.462	106.623	101.115
81.5	160.682	144.866	112.682	97.417	92.380
82.0	147.856	131.882	102.453	88.446	83.725
82.5	135.344	119.607	92.380	79.712	75.462

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PHOTOMETRIC FILENAME : LRX4X-4-L19-930-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	122.990	107.489	82.623	71.213	67.043
83.5	110.794	95.921	73.417	62.872	59.016
84.0	99.148	84.590	64.446	54.689	51.226
84.5	87.659	73.889	55.869	46.898	43.751
85.0	76.800	63.580	47.607	39.580	36.433
85.5	66.256	53.666	39.738	32.105	28.564
86.0	56.341	44.223	32.656	24.393	19.908
86.5	46.505	35.725	25.810	15.423	12.275
87.0	37.456	27.698	18.413	9.757	8.734
87.5	29.036	20.616	10.623	7.475	6.846
88.0	21.246	14.085	6.689	5.744	5.351
88.5	14.636	7.869	4.957	4.170	3.698
89.0	9.207	3.934	3.305	2.675	2.361
89.5	4.564	2.125	1.810	1.338	1.180
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-4-L19-930-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-4-L19-930-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-L19-930-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-L19-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1029.15	N.A.	16.50
0-30	2109.58	N.A.	33.70
0-40	3299.74	N.A.	52.80
0-60	5287.97	N.A.	84.50
0-80	6190.18	N.A.	99.00
0-90	6254.96	N.A.	100.00
10-90	5982.86	N.A.	95.60
20-40	2270.59	N.A.	36.30
20-50	3374.26	N.A.	53.90
40-70	2587.75	N.A.	41.40
60-80	902.22	N.A.	14.40
70-80	302.70	N.A.	4.80
80-90	64.78	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	6254.96	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	272.10
10-20	757.05
20-30	1080.43
30-40	1190.16
40-50	1103.67
50-60	884.56
60-70	599.52
70-80	302.70
80-90	64.78
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-L19-930-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-L19-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

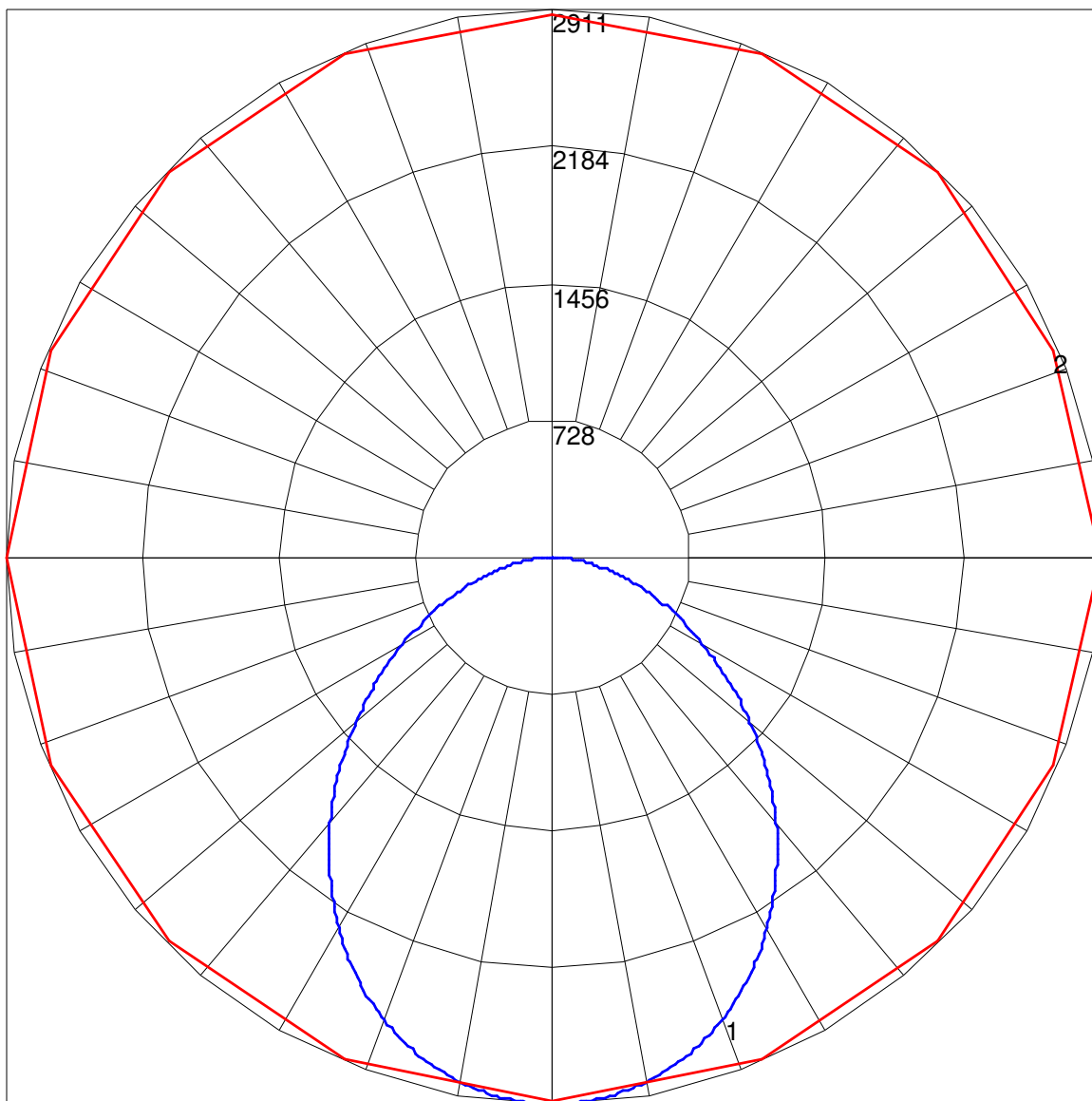
Reflectances

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	20.9	22.5	21.3	22.8	23.1	19.2	20.7	19.6	21.0	21.4
	3H	22.5	23.9	22.9	24.2	24.6	20.5	21.9	20.9	22.2	22.6
	4H	23.1	24.4	23.5	24.7	25.1	21.0	22.3	21.4	22.6	23.0
	6H	23.4	24.6	23.9	25.0	25.4	21.2	22.4	21.6	22.8	23.2
	8H	23.5	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
	12H	23.6	24.7	24.0	25.1	25.5	21.3	22.4	21.7	22.8	23.2
4H	2H	21.3	22.6	21.7	22.9	23.3	19.9	21.2	20.3	21.5	21.9
	3H	23.1	24.2	23.5	24.6	25.0	21.4	22.5	21.8	22.9	23.3
	4H	23.8	24.7	24.2	25.2	25.6	21.9	22.9	22.4	23.3	23.8
	6H	24.3	25.1	24.7	25.6	26.0	22.3	23.1	22.7	23.6	24.0
	8H	24.4	25.2	24.9	25.7	26.1	22.4	23.1	22.8	23.6	24.1
	12H	24.5	25.2	25.0	25.7	26.2	22.4	23.1	22.9	23.6	24.0
8H	4H	23.9	24.7	24.4	25.1	25.6	22.2	23.0	22.7	23.5	23.9
	6H	24.5	25.1	25.0	25.6	26.1	22.7	23.3	23.1	23.8	24.3
	8H	24.7	25.3	25.2	25.8	26.3	22.8	23.4	23.3	23.9	24.4
	12H	24.8	25.4	25.3	25.8	26.4	22.8	23.4	23.4	23.9	24.4
12H	4H	23.9	24.6	24.4	25.1	25.6	22.3	23.0	22.7	23.4	23.9
	6H	24.5	25.1	25.0	25.5	26.1	22.7	23.3	23.2	23.8	24.3
	8H	24.7	25.2	25.2	25.7	26.3	22.9	23.4	23.4	23.9	24.4

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 2911.48 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.)