



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L19-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN from UL #4792155383.02
[TESTLAB] UL, LLC
[ISSUE DATE] 28 Apr, 2026
[TEST DATE] 3/19/2026
[MANUFAC] H E Williams Inc
[LUMCAT] LRX4x-4-L19/835-DMA-DIM-UNV
[LUMINAIRE] Nominal 4" x 4' suspended linear fixture (CRS construction
[MORE]) with diffused acrylic shielding
[LAMP] (2) 72 LED boards - 144 Total LED
[BALLAST] Eldoled OTI85/120-277/2A3-DIM-1 L*2743W5/57420
[OTHER] 24.9 C, 120.047 V, 0.57784 A, 68.9866 W, 0.994502 PF, 59.9893 Hz
[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	6424
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
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)	0.29 ft
Luminous Height	0.00 ft

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	21520	19079	16890
55	18837	16281	13829
65	16028	13392	11126
75	12869	10057	8191
85	8333	5165	3953

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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	2975.792	2975.792	2975.792	2975.792	2975.792
0.5	2990.340	2969.327	2976.601	2974.176	2972.560
1.0	2989.532	2968.519	2975.792	2973.368	2971.751
1.5	2988.724	2966.902	2974.984	2971.751	2970.135
2.0	2987.107	2966.094	2972.560	2968.519	2969.327
2.5	2986.299	2964.478	2970.943	2966.902	2966.094
3.0	2983.874	2962.053	2968.519	2962.861	2962.053
3.5	2982.258	2959.628	2965.286	2959.628	2958.012
4.0	2978.217	2956.396	2962.053	2955.587	2953.163
4.5	2976.601	2953.163	2958.012	2950.738	2947.505
5.0	2972.560	2949.930	2953.163	2945.889	2942.656
5.5	2970.943	2945.081	2948.314	2939.423	2935.382
6.0	2963.669	2941.040	2942.656	2932.958	2928.917
6.5	2959.628	2936.999	2936.191	2925.684	2920.835
7.0	2954.779	2931.341	2930.533	2918.410	2913.561
7.5	2949.930	2925.684	2923.259	2910.328	2904.671
8.0	2944.273	2919.218	2916.794	2901.438	2894.972
8.5	2938.615	2913.561	2909.520	2891.740	2885.274
9.0	2932.150	2907.095	2900.630	2882.041	2875.576
9.5	2924.876	2899.013	2892.548	2871.535	2864.261
10.0	2919.218	2891.740	2882.849	2861.836	2853.754
10.5	2910.328	2883.658	2873.959	2851.330	2842.439
11.0	2902.246	2875.576	2863.453	2839.207	2831.125
11.5	2894.164	2866.685	2852.946	2827.084	2817.385
12.0	2885.274	2857.795	2842.439	2814.152	2804.454
12.5	2874.767	2847.289	2831.125	2801.221	2789.906
13.0	2865.877	2837.590	2819.002	2787.482	2776.167
13.5	2856.987	2827.084	2806.879	2773.742	2762.428
14.0	2845.672	2816.577	2794.756	2758.387	2746.264
14.5	2835.974	2804.454	2781.016	2743.839	2730.908
15.0	2824.659	2793.139	2767.277	2728.483	2714.744
15.5	2813.344	2781.016	2753.537	2712.319	2698.580
16.0	2801.221	2768.893	2738.990	2696.155	2680.799
16.5	2789.906	2756.770	2724.442	2679.183	2663.827
17.0	2776.975	2743.031	2709.086	2662.211	2645.239
17.5	2764.852	2729.291	2694.539	2644.430	2626.650
18.0	2751.113	2716.360	2678.375	2626.650	2608.061
18.5	2738.990	2701.813	2662.211	2608.061	2587.856
19.0	2724.442	2687.265	2645.239	2588.665	2567.651
19.5	2710.703	2672.717	2628.266	2570.076	2547.446
20.0	2696.155	2657.362	2610.486	2550.679	2527.241
20.5	2681.608	2642.006	2592.706	2530.474	2506.228
21.0	2666.252	2626.650	2574.925	2510.269	2484.407
21.5	2651.704	2609.678	2556.337	2489.256	2463.394
22.0	2635.540	2593.514	2536.940	2468.243	2442.380
22.5	2619.376	2576.542	2517.543	2447.230	2419.751
23.0	2604.020	2560.378	2498.954	2424.600	2397.121
23.5	2587.856	2542.597	2478.749	2402.779	2374.492
24.0	2570.884	2524.817	2458.544	2380.957	2351.054
24.5	2553.912	2507.036	2437.531	2358.328	2328.424
25.0	2536.132	2489.256	2417.326	2335.698	2304.986
25.5	2517.543	2469.859	2396.313	2312.260	2279.932
26.0	2499.763	2451.271	2373.683	2288.822	2255.686
26.5	2481.982	2431.874	2352.670	2265.385	2230.632

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CANDELA TABULATION - (Cont.)

27.0	2462.585	2412.477	2330.041	2241.139	2206.386
27.5	2442.380	2392.272	2308.219	2216.893	2182.140
28.0	2423.792	2372.875	2285.590	2191.838	2156.278
28.5	2404.395	2352.670	2263.768	2167.592	2131.223
29.0	2384.998	2332.465	2241.139	2142.538	2106.977
29.5	2362.369	2311.452	2217.701	2117.484	2081.115
30.0	2340.547	2289.631	2194.263	2092.430	2056.061
30.5	2320.342	2268.617	2171.633	2068.184	2030.198
31.0	2299.329	2247.604	2148.196	2043.130	2004.336
31.5	2279.124	2225.783	2124.758	2017.267	1978.474
32.0	2256.494	2203.961	2100.512	1992.213	1953.419
32.5	2235.481	2181.332	2077.074	1966.351	1926.749
33.0	2213.660	2159.510	2052.020	1941.296	1901.695
33.5	2191.838	2136.881	2029.390	1915.434	1874.216
34.0	2170.825	2114.251	2004.336	1890.380	1849.162
34.5	2149.004	2092.430	1980.090	1865.326	1824.107
35.0	2127.182	2068.992	1955.036	1839.463	1798.245
35.5	2104.553	2045.554	1930.790	1815.217	1771.574
36.0	2083.540	2022.925	1906.544	1789.355	1747.328
36.5	2060.910	1999.487	1881.490	1764.301	1721.466
37.0	2037.472	1976.049	1858.052	1739.246	1697.220
37.5	2014.843	1952.611	1833.806	1713.384	1671.358
38.0	1992.213	1928.365	1808.752	1688.330	1645.495
38.5	1968.775	1905.736	1784.506	1663.276	1620.441
39.0	1944.529	1881.490	1760.260	1638.221	1595.387
39.5	1921.900	1858.052	1735.205	1613.167	1570.333
40.0	1898.462	1833.806	1710.959	1589.729	1546.087
40.5	1873.408	1810.368	1685.905	1564.675	1520.224
41.0	1849.970	1786.122	1661.659	1539.621	1493.554
41.5	1826.532	1762.684	1637.413	1514.567	1468.499
42.0	1801.478	1738.438	1613.167	1488.704	1442.637
42.5	1775.615	1713.384	1588.921	1464.458	1417.583
43.0	1751.369	1689.138	1564.675	1437.788	1392.529
43.5	1727.932	1665.700	1540.429	1412.734	1369.091
44.0	1702.069	1641.454	1516.183	1389.296	1344.845
44.5	1677.823	1617.208	1489.513	1365.050	1320.599
45.0	1652.769	1593.770	1465.267	1341.612	1297.161
45.5	1627.715	1568.716	1440.212	1318.174	1272.915
46.0	1603.469	1545.278	1416.775	1294.736	1249.477
46.5	1579.223	1521.032	1393.337	1272.107	1226.848
47.0	1554.169	1496.786	1369.899	1248.669	1203.410
47.5	1529.114	1470.924	1347.269	1226.039	1180.780
48.0	1504.868	1445.870	1324.640	1203.410	1157.342
48.5	1479.814	1422.432	1301.202	1180.780	1134.713
49.0	1453.144	1398.186	1278.572	1158.151	1112.891
49.5	1429.706	1375.556	1256.751	1135.521	1091.070
50.0	1405.460	1352.119	1234.121	1113.700	1069.249
50.5	1382.830	1328.681	1211.492	1091.878	1047.427
51.0	1358.584	1306.051	1188.862	1069.249	1025.606
51.5	1335.146	1282.613	1167.041	1048.235	1004.593
52.0	1312.517	1259.176	1144.411	1026.414	983.579
52.5	1289.079	1236.546	1122.590	1005.401	963.374
53.0	1265.641	1213.916	1100.768	984.388	943.169
53.5	1242.203	1191.287	1079.755	963.374	922.156
54.0	1219.574	1168.657	1057.126	943.169	901.951
54.5	1196.136	1146.836	1036.112	922.156	881.746

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CANDELA TABULATION - (Cont.)

55.0	1173.506	1124.206	1014.291	902.759	861.541
55.5	1150.069	1102.385	993.278	881.746	842.144
56.0	1126.631	1079.755	972.265	862.349	822.748
56.5	1104.001	1057.934	951.251	842.953	804.563
57.0	1080.563	1036.112	929.430	823.556	785.409
57.5	1057.934	1015.099	909.225	804.159	766.739
58.0	1035.304	993.278	888.212	785.085	748.393
58.5	1012.675	971.456	867.199	766.254	730.047
59.0	990.045	950.443	846.994	747.747	711.863
59.5	967.415	929.430	826.789	729.239	694.163
60.0	945.594	908.417	806.422	710.650	676.544
60.5	923.773	887.404	786.702	692.547	658.925
61.0	901.951	867.199	766.578	674.605	641.630
61.5	880.938	846.185	747.019	656.501	624.577
62.0	859.117	825.172	727.299	639.205	608.090
62.5	838.103	805.210	708.226	621.829	591.279
63.0	817.090	785.247	689.233	604.534	574.792
63.5	796.481	765.285	670.240	587.076	558.143
64.0	776.438	745.484	651.732	570.266	542.141
64.5	755.748	725.683	633.063	553.536	526.219
65.0	735.704	706.286	614.717	536.806	510.702
65.5	715.823	686.647	596.209	520.400	494.861
66.0	696.022	667.169	578.348	504.398	479.343
66.5	676.383	647.934	560.406	488.153	463.664
67.0	656.501	628.860	542.706	472.070	448.632
67.5	636.619	609.787	525.249	456.552	433.599
68.0	617.546	591.037	507.630	440.954	418.405
68.5	598.068	572.448	490.416	425.598	403.777
69.0	578.752	553.859	473.363	410.323	389.229
69.5	560.002	535.352	456.714	395.210	375.086
70.0	541.009	516.925	439.742	380.420	360.780
70.5	522.259	498.821	423.093	365.711	346.960
71.0	503.509	480.879	406.929	351.405	332.978
71.5	485.162	462.775	390.765	337.181	319.481
72.0	466.897	445.157	374.762	323.038	305.985
72.5	448.713	427.699	358.841	309.217	292.892
73.0	431.013	410.485	343.243	295.316	280.041
73.5	413.313	393.028	327.887	282.062	267.191
74.0	395.937	375.894	312.693	268.727	254.421
74.5	378.723	359.083	297.660	255.795	242.298
75.0	361.750	342.515	282.708	242.783	230.256
75.5	345.101	326.270	268.242	230.418	218.295
76.0	328.857	310.187	254.098	218.052	206.738
76.5	312.531	294.104	239.955	206.172	195.423
77.0	297.094	278.425	226.377	194.291	184.189
77.5	281.415	262.988	212.880	182.815	173.197
78.0	265.817	247.794	199.545	171.581	162.771
78.5	250.380	232.762	186.775	160.670	152.184
79.0	235.671	218.295	174.248	149.921	142.001
79.5	221.204	203.586	162.044	139.172	132.060
80.0	206.818	189.523	149.921	129.070	122.442
80.5	192.513	175.541	138.121	119.048	112.906
81.0	178.693	161.963	126.807	109.511	103.854
81.5	165.034	148.790	115.734	100.055	94.883
82.0	151.861	135.454	105.228	90.842	85.992
82.5	139.010	122.846	94.883	81.871	77.506

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CANDELA TABULATION - (Cont.)

83.0	126.322	110.400	84.861	73.142	68.859
83.5	113.795	98.520	75.405	64.575	60.615
84.0	101.833	86.882	66.192	56.170	52.614
84.5	90.033	75.890	57.382	48.169	44.936
85.0	78.880	65.303	48.896	40.652	37.420
85.5	68.050	55.119	40.814	32.975	29.338
86.0	57.867	45.421	33.540	25.054	20.447
86.5	47.765	36.692	26.509	15.841	12.608
87.0	38.470	28.449	18.912	10.022	8.971
87.5	29.823	21.175	10.911	7.678	7.031
88.0	21.821	14.467	6.870	5.900	5.496
88.5	15.033	8.082	5.092	4.283	3.799
89.0	9.456	4.041	3.394	2.748	2.425
89.5	4.688	2.182	1.859	1.374	1.212
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-L19-835-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-L19-835-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-L19-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1057.03	N.A.	16.50
0-30	2166.72	N.A.	33.70
0-40	3389.11	N.A.	52.80
0-60	5431.2	N.A.	84.50
0-80	6357.85	N.A.	99.00
0-90	6424.39	N.A.	100.00
10-90	6144.92	N.A.	95.60
20-40	2332.09	N.A.	36.30
20-50	3465.65	N.A.	53.90
40-70	2657.84	N.A.	41.40
60-80	926.65	N.A.	14.40
70-80	310.90	N.A.	4.80
80-90	66.53	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	6424.39	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	279.47
10-20	777.56
20-30	1109.69
30-40	1222.4
40-50	1133.57
50-60	908.52
60-70	615.76
70-80	310.90
80-90	66.53
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-L19-835-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	233	233	233	233	228	228	228	228	218	218	218	209	209	209	200	200	200	196
1	215	207	199	193	210	203	196	190	194	189	184	187	182	178	180	176	173	169
2	198	183	171	160	193	179	168	158	172	163	155	166	158	151	160	154	148	144
3	182	162	148	136	177	159	146	135	154	142	132	148	138	130	143	135	128	124
4	167	145	129	117	163	143	128	116	138	125	115	133	122	113	129	120	112	108
5	155	131	114	102	151	129	113	102	125	111	100	121	109	99	117	107	98	94
6	143	119	102	90	140	117	101	90	113	99	89	110	98	88	107	96	88	84
7	133	108	92	81	130	107	91	80	104	90	80	101	88	79	98	87	79	75
8	125	99	83	72	122	98	83	72	95	82	72	93	81	71	91	79	71	67
9	117	92	76	66	114	90	76	66	88	75	65	86	74	65	84	73	65	61
10	110	85	70	60	107	84	70	60	82	69	60	80	68	59	78	67	59	56

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L19-835-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	19.7	21.3	20.1	21.6	21.9	18.0	19.5	18.4	19.8	20.2
	3H	21.3	22.7	21.7	23.0	23.4	19.3	20.7	19.7	21.0	21.4
	4H	21.9	23.2	22.3	23.5	23.9	19.8	21.1	20.2	21.4	21.8
	6H	22.2	23.4	22.7	23.8	24.2	20.0	21.2	20.4	21.6	22.0
	8H	22.3	23.5	22.8	23.9	24.3	20.1	21.2	20.5	21.6	22.0
	12H	22.4	23.5	22.8	23.9	24.3	20.1	21.2	20.5	21.6	22.0

UGR Viewed Endwise

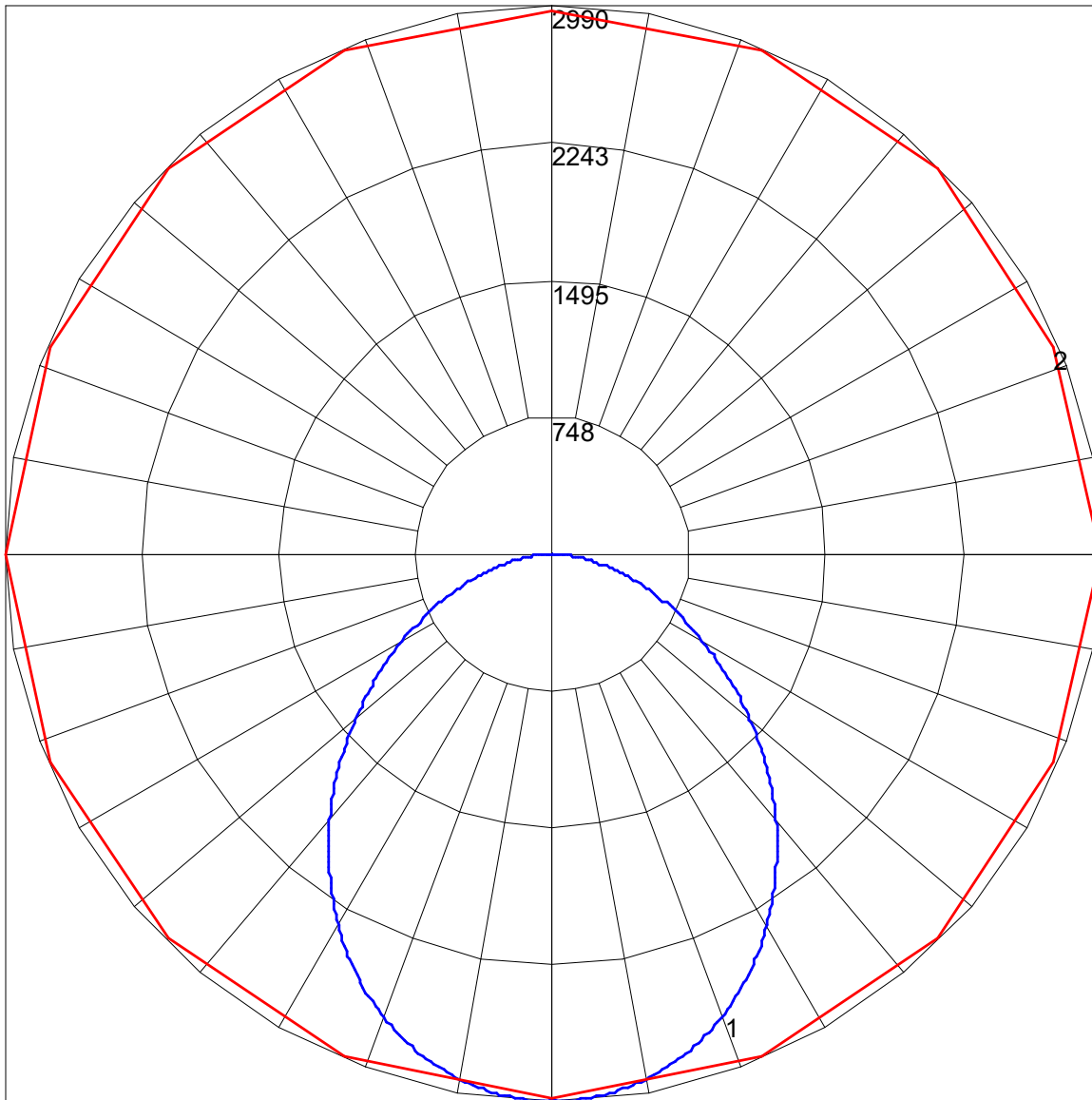
4H	2H	20.1	21.4	20.5	21.7	22.1	18.7	20.0	19.1	20.3	20.7
	3H	21.9	23.0	22.3	23.4	23.8	20.2	21.3	20.6	21.7	22.1
	4H	22.6	23.6	23.0	24.0	24.4	20.7	21.7	21.2	22.1	22.6
	6H	23.1	23.9	23.5	24.4	24.8	21.1	21.9	21.5	22.4	22.8
	8H	23.2	24.0	23.7	24.5	24.9	21.2	21.9	21.6	22.4	22.9
	12H	23.3	24.0	23.8	24.5	25.0	21.2	21.9	21.7	22.4	22.8

8H	4H	22.7	23.5	23.2	23.9	24.4	21.0	21.8	21.5	22.3	22.7
	6H	23.3	24.0	23.8	24.4	24.9	21.5	22.1	21.9	22.6	23.1
	8H	23.5	24.1	24.0	24.6	25.1	21.6	22.2	22.1	22.7	23.2
	12H	23.6	24.2	24.2	24.6	25.2	21.6	22.2	22.2	22.7	23.2

12H	4H	22.7	23.4	23.2	23.9	24.4	21.1	21.8	21.5	22.3	22.7
	6H	23.3	23.9	23.8	24.4	24.9	21.5	22.1	22.0	22.6	23.1
	8H	23.5	24.0	24.0	24.5	25.1	21.7	22.2	22.2	22.7	23.2

Maximum UGR = 25.2

POLAR GRAPH



Maximum Candela = 2990.34 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.)