

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L16-830-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L16-830-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 4' 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	6359
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	66.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	27163	23516	20514
55	24005	20133	16658
65	20591	16203	13078
75	16520	11552	8974
85	10876	3443	1864

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L16-830-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	3024.775	3024.775	3024.775	3024.775	3024.775
0.5	3029.490	3020.061	3027.604	3025.718	3017.232
1.0	3027.604	3019.118	3027.604	3024.775	3016.289
1.5	3026.661	3017.232	3024.775	3021.947	3013.461
2.0	3025.718	3016.289	3023.833	3020.061	3010.632
2.5	3023.833	3014.404	3021.004	3016.289	3007.803
3.0	3021.947	3012.518	3018.175	3012.518	3003.089
3.5	3019.118	3009.689	3013.461	3006.861	2998.375
4.0	3016.289	3005.918	3009.689	3002.146	2991.774
4.5	3013.461	3002.146	3004.032	2995.546	2984.231
5.0	3011.575	2998.375	2999.318	2988.003	2977.631
5.5	3005.918	2993.660	2992.717	2981.403	2970.088
6.0	3002.146	2988.946	2986.117	2972.917	2961.602
6.5	2997.432	2983.288	2979.517	2963.488	2952.173
7.0	2991.774	2976.688	2971.974	2955.002	2940.859
7.5	2986.117	2971.031	2963.488	2943.687	2929.544
8.0	2980.460	2964.431	2955.002	2933.316	2917.287
8.5	2973.860	2956.888	2945.573	2922.001	2906.915
9.0	2966.317	2949.345	2936.144	2909.743	2894.657
9.5	2959.716	2942.744	2925.772	2897.486	2880.514
10.0	2952.173	2934.258	2915.401	2884.286	2866.371
10.5	2945.573	2925.772	2904.086	2870.142	2851.285
11.0	2937.087	2916.344	2891.829	2855.999	2834.313
11.5	2929.544	2907.858	2879.571	2840.913	2820.169
12.0	2923.887	2899.372	2866.371	2825.827	2804.140
12.5	2911.629	2889.943	2853.170	2808.855	2788.111
13.0	2900.315	2878.628	2839.970	2792.826	2770.196
13.5	2890.886	2865.428	2825.827	2776.797	2752.282
14.0	2879.571	2853.170	2810.740	2758.882	2734.367
14.5	2868.256	2839.970	2795.654	2740.967	2715.509
15.0	2856.942	2827.712	2781.511	2723.052	2695.709
15.5	2845.627	2815.455	2766.425	2703.252	2675.908
16.0	2833.370	2802.255	2751.339	2684.394	2657.050
16.5	2822.055	2788.111	2734.367	2665.536	2636.307
17.0	2807.912	2773.968	2715.509	2644.793	2614.620
17.5	2794.711	2759.825	2697.594	2624.992	2593.877
18.0	2782.454	2744.739	2679.679	2604.249	2571.248
18.5	2767.368	2729.652	2660.822	2582.562	2549.561
19.0	2753.224	2714.566	2641.964	2562.762	2527.875
19.5	2740.024	2698.537	2623.106	2540.132	2503.360
20.0	2723.995	2682.508	2604.249	2517.503	2480.731
20.5	2709.852	2667.422	2585.391	2495.817	2458.101
21.0	2694.766	2650.450	2564.647	2474.131	2434.529
21.5	2678.737	2633.478	2543.904	2451.501	2410.957
22.0	2662.708	2616.506	2524.103	2427.929	2387.385
22.5	2646.678	2598.591	2504.303	2404.357	2363.813
23.0	2629.707	2581.619	2482.616	2380.785	2339.298
23.5	2613.677	2563.705	2460.930	2358.156	2314.783
24.0	2594.820	2544.847	2439.244	2333.641	2291.211
24.5	2577.848	2525.989	2416.615	2310.068	2266.696
25.0	2559.933	2507.131	2395.871	2285.553	2242.181
25.5	2542.018	2488.274	2373.242	2261.038	2216.723
26.0	2524.103	2467.530	2350.613	2237.466	2192.208
26.5	2505.246	2448.673	2327.983	2212.951	2166.750

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L16-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	2485.445	2427.929	2305.354	2188.436	2142.235
27.5	2465.645	2408.129	2281.782	2163.921	2116.777
28.0	2443.958	2387.385	2259.153	2139.406	2091.319
28.5	2422.272	2366.642	2236.523	2115.834	2065.861
29.0	2402.471	2345.898	2212.008	2090.376	2040.403
29.5	2382.671	2324.212	2188.436	2064.918	2014.003
30.0	2360.984	2302.525	2165.807	2040.403	1990.430
30.5	2341.184	2281.782	2142.235	2014.945	1964.973
31.0	2319.497	2260.096	2118.663	1989.488	1940.458
31.5	2299.697	2237.466	2094.148	1964.973	1915.943
32.0	2278.010	2214.837	2070.576	1939.515	1890.485
32.5	2256.324	2192.208	2046.061	1913.114	1865.027
33.0	2235.581	2169.579	2022.489	1888.599	1840.512
33.5	2213.894	2147.892	1998.916	1865.027	1815.997
34.0	2191.265	2124.320	1974.401	1839.569	1790.539
34.5	2169.579	2101.691	1950.829	1815.054	1766.967
35.0	2146.949	2079.062	1926.314	1790.539	1740.566
35.5	2126.206	2055.490	1901.799	1766.024	1715.108
36.0	2103.577	2032.860	1878.227	1740.566	1687.764
36.5	2080.947	2009.288	1853.712	1715.108	1664.192
37.0	2059.261	1985.716	1829.197	1688.707	1639.677
37.5	2035.689	1962.144	1806.568	1664.192	1616.105
38.0	2011.174	1939.515	1782.053	1640.620	1591.590
38.5	1988.545	1915.000	1757.538	1617.048	1568.018
39.0	1966.858	1891.428	1731.137	1592.533	1544.446
39.5	1942.343	1867.855	1705.679	1568.961	1520.874
40.0	1919.714	1844.283	1681.164	1546.332	1497.302
40.5	1896.142	1820.711	1657.592	1521.817	1473.729
41.0	1870.684	1797.139	1634.020	1499.187	1450.157
41.5	1847.112	1772.624	1609.505	1475.615	1427.528
42.0	1822.597	1748.109	1586.876	1452.986	1403.956
42.5	1798.082	1722.651	1562.361	1429.414	1381.327
43.0	1774.510	1696.250	1540.674	1406.785	1357.755
43.5	1749.052	1672.678	1517.102	1384.155	1334.182
44.0	1722.651	1649.106	1493.530	1361.526	1310.610
44.5	1695.307	1624.591	1470.901	1338.897	1287.038
45.0	1671.735	1601.019	1447.329	1316.268	1262.523
45.5	1648.163	1577.447	1424.699	1293.638	1238.951
46.0	1623.648	1553.875	1401.127	1270.066	1216.322
46.5	1599.133	1530.303	1378.498	1247.437	1192.750
47.0	1574.618	1506.730	1356.812	1223.865	1170.120
47.5	1551.046	1483.158	1334.182	1201.236	1147.491
48.0	1526.531	1459.586	1311.553	1177.663	1124.862
48.5	1502.959	1436.957	1288.924	1155.034	1102.233
49.0	1479.387	1413.385	1267.238	1132.405	1079.603
49.5	1454.872	1389.813	1244.608	1109.776	1057.917
50.0	1432.242	1367.183	1222.922	1088.089	1037.174
50.5	1408.670	1343.611	1201.236	1065.460	1015.487
51.0	1385.098	1320.982	1179.549	1043.774	993.801
51.5	1361.526	1298.353	1157.863	1022.087	973.057
52.0	1337.954	1275.724	1136.177	1000.401	952.314
52.5	1315.325	1253.094	1114.490	979.658	931.382
53.0	1291.753	1231.408	1092.804	957.971	910.356
53.5	1268.180	1208.779	1071.117	937.134	891.309
54.0	1244.608	1186.149	1049.431	916.296	870.660
54.5	1221.979	1163.520	1026.802	895.835	850.860

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L16-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1198.407	1141.834	1005.116	874.997	831.625
55.5	1175.778	1120.147	983.429	854.914	812.390
56.0	1152.206	1098.461	960.800	834.736	792.966
56.5	1129.576	1075.832	939.491	815.124	773.449
57.0	1106.004	1055.088	918.087	795.324	754.780
57.5	1084.318	1033.402	896.684	775.994	735.922
58.0	1061.689	1011.716	875.375	756.760	717.724
58.5	1038.116	990.029	854.537	737.713	699.244
59.0	1016.430	968.343	833.510	718.950	680.952
59.5	993.801	947.600	812.673	700.186	663.225
60.0	972.115	926.290	792.212	681.989	645.876
60.5	949.485	905.547	772.129	663.508	628.244
61.0	927.610	884.709	752.045	645.216	611.084
61.5	905.735	863.966	731.962	627.301	594.395
62.0	883.955	843.222	711.973	610.141	577.517
62.5	862.646	822.950	692.172	592.698	560.734
63.0	841.336	802.772	672.654	575.348	544.516
63.5	820.499	782.783	653.137	558.282	528.676
64.0	799.001	762.700	633.996	541.499	512.364
64.5	778.069	742.899	614.950	524.810	496.618
65.0	757.420	723.004	595.998	508.404	481.060
65.5	736.676	703.298	577.234	491.997	465.502
66.0	716.310	684.063	558.659	476.063	450.133
66.5	696.132	664.640	540.462	459.939	435.141
67.0	675.671	645.216	522.075	444.193	420.244
67.5	655.588	626.076	504.255	428.636	405.252
68.0	635.882	606.558	486.152	413.172	390.637
68.5	616.081	586.946	468.802	398.086	376.117
69.0	596.469	566.957	451.453	382.906	361.785
69.5	576.951	547.533	434.293	368.102	347.830
70.0	557.339	528.016	417.321	353.488	333.498
70.5	537.916	508.498	400.538	338.967	319.921
71.0	518.587	489.263	383.943	324.541	306.155
71.5	499.823	470.311	367.631	310.492	292.389
72.0	481.343	451.548	351.602	296.349	278.905
72.5	462.391	433.256	335.761	282.583	265.611
73.0	444.005	414.869	320.204	268.911	252.693
73.5	425.524	396.577	304.929	255.333	239.587
74.0	407.704	378.946	289.843	242.321	227.047
74.5	389.789	361.314	275.040	229.027	214.506
75.0	372.157	343.776	260.236	216.109	202.155
75.5	354.619	326.804	245.904	203.380	190.274
76.0	337.741	309.832	231.855	191.123	178.394
76.5	320.958	293.426	217.901	179.054	166.985
77.0	304.363	276.831	204.323	167.079	156.047
77.5	288.146	260.708	190.934	155.576	145.110
78.0	272.022	244.867	177.734	144.356	134.455
78.5	256.370	229.310	164.628	133.418	124.084
79.0	240.907	213.941	151.993	122.669	113.901
79.5	226.010	198.760	139.736	112.298	103.812
80.0	211.301	183.957	127.855	102.209	94.100
80.5	196.874	169.436	116.352	92.120	84.388
81.0	182.637	155.105	105.415	82.314	74.959
81.5	168.776	141.244	94.666	72.602	65.342
82.0	155.293	127.855	84.483	63.268	55.819
82.5	142.187	114.843	74.488	53.650	45.730

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L16-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	129.458	102.209	64.682	43.844	34.887
83.5	117.106	89.951	55.253	33.001	23.289
84.0	105.132	78.354	46.013	21.969	18.009
84.5	93.628	67.228	36.678	16.783	15.935
85.0	82.502	56.667	26.118	14.709	14.143
85.5	71.848	46.767	15.840	12.918	12.446
86.0	61.570	37.338	12.446	11.126	10.749
86.5	51.576	28.475	10.560	9.429	9.052
87.0	42.241	19.801	8.769	7.826	7.449
87.5	33.284	10.466	6.977	6.129	5.940
88.0	24.892	6.600	5.374	4.620	4.337
88.5	17.161	4.903	3.772	3.206	3.017
89.0	10.466	3.206	2.263	1.886	1.791
89.5	4.714	1.697	1.131	0.943	0.754
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 : LRX2X-4-L16-830-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 : LRX2X-4-L16-830-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 : LRX2X-4-L16-830-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 : LRX2X-4-L16-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1063.72	N.A.	16.70
0-30	2165.46	N.A.	34.10
0-40	3374.25	N.A.	53.10
0-60	5402.47	N.A.	85.00
0-80	6305.65	N.A.	99.20
0-90	6359.43	N.A.	100.00
10-90	6076.23	N.A.	95.50
20-40	2310.53	N.A.	36.30
20-50	3435.39	N.A.	54.00
40-70	2635.44	N.A.	41.40
60-80	903.18	N.A.	14.20
70-80	295.96	N.A.	4.70
80-90	53.78	N.A.	0.80
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	6359.43	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	283.19
10-20	780.53
20-30	1101.74
30-40	1208.79
40-50	1124.86
50-60	903.35
60-70	607.22
70-80	295.96
80-90	53.78
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 : LRX2X-4-L16-830-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	99	107	104	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L16-830-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	23.0	24.5	23.4	24.9	25.2	20.9	22.4	21.3	22.7	23.0
	3H	24.6	26.0	25.0	26.3	26.7	22.1	23.5	22.5	23.9	24.2
	4H	25.2	26.5	25.6	26.8	27.2	22.5	23.8	22.9	24.2	24.5
	6H	25.5	26.7	25.9	27.1	27.5	22.7	23.9	23.1	24.3	24.7
	8H	25.6	26.8	26.1	27.2	27.6	22.7	23.9	23.2	24.2	24.6
	12H	25.7	26.8	26.1	27.2	27.6	22.7	23.8	23.1	24.2	24.6

UGR Viewed Endwise

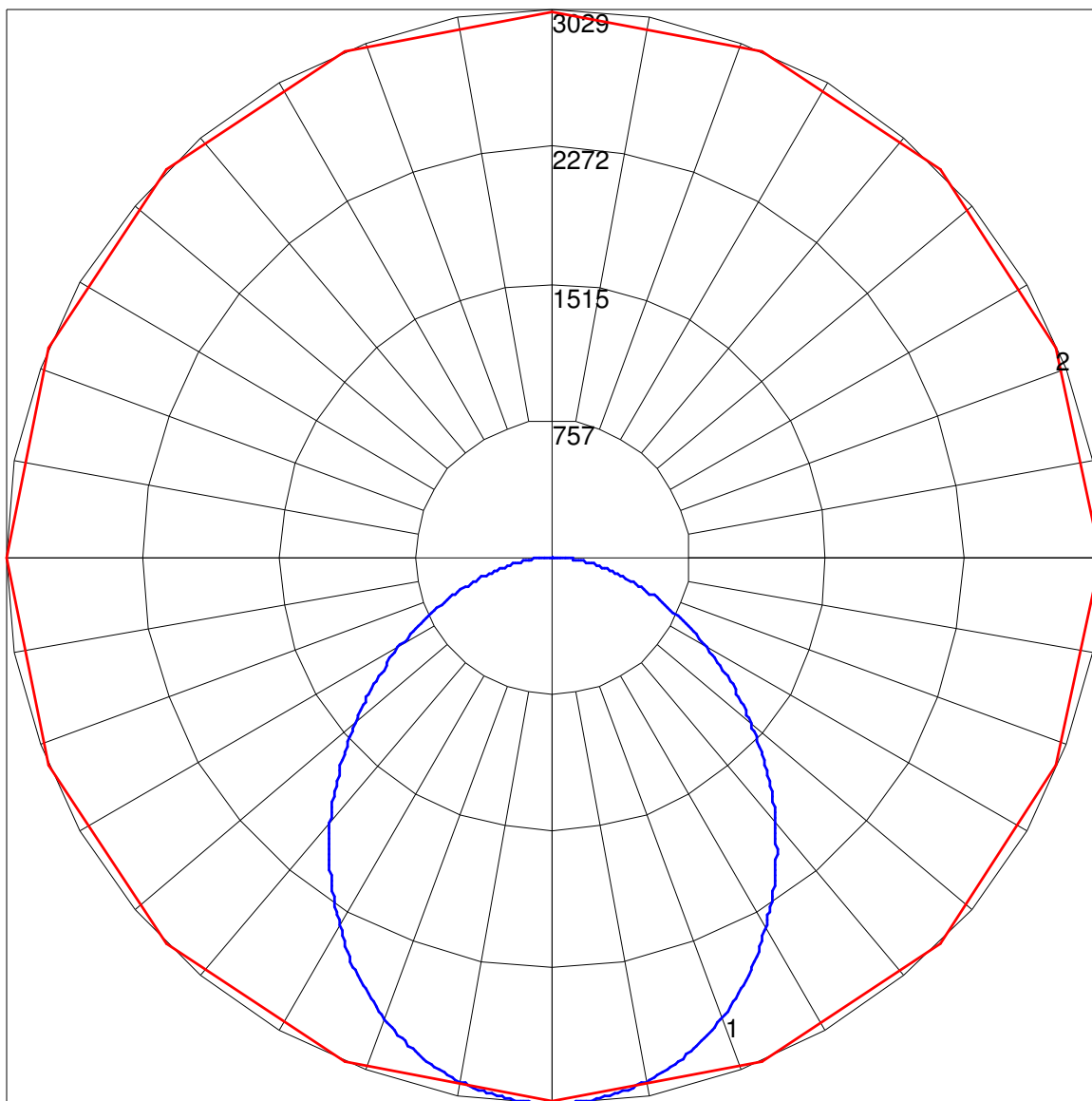
4H	2H	23.3	24.6	23.7	25.0	25.3	21.6	22.9	22.0	23.2	23.6
	3H	25.2	26.2	25.6	26.6	27.0	23.0	24.1	23.4	24.5	24.9
	4H	25.8	26.8	26.3	27.2	27.7	23.5	24.4	23.9	24.9	25.3
	6H	26.3	27.2	26.8	27.6	28.1	23.7	24.6	24.2	25.0	25.5
	8H	26.5	27.2	26.9	27.7	28.2	23.7	24.5	24.2	25.0	25.4
	12H	26.5	27.3	27.0	27.7	28.2	23.7	24.4	24.2	24.9	25.4

8H	4H	25.9	26.7	26.4	27.1	27.6	23.8	24.6	24.2	25.0	25.5
	6H	26.5	27.1	27.0	27.6	28.1	24.1	24.7	24.6	25.2	25.7
	8H	26.7	27.3	27.2	27.8	28.3	24.1	24.7	24.6	25.2	25.7
	12H	26.8	27.3	27.3	27.8	28.4	24.1	24.6	24.6	25.1	25.7

12H	4H	25.9	26.6	26.4	27.1	27.6	23.8	24.5	24.3	25.0	25.5
	6H	26.5	27.1	27.0	27.5	28.1	24.1	24.7	24.7	25.2	25.7
	8H	26.7	27.2	27.2	27.7	28.3	24.2	24.7	24.7	25.2	25.8

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 3029.49 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.)