

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L16-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L16-850-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	6809
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
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	29083	25179	21964
55	25702	21557	17836
65	22047	17348	14003
75	17688	12369	9608
85	11645	3686	1996

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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	3238.649	3238.649	3238.649	3238.649	3238.649
0.5	3243.697	3233.602	3241.678	3239.659	3230.573
1.0	3241.678	3232.592	3241.678	3238.649	3229.563
1.5	3240.668	3230.573	3238.649	3235.621	3226.535
2.0	3239.659	3229.563	3237.640	3233.602	3223.506
2.5	3237.640	3227.544	3234.611	3229.563	3220.477
3.0	3235.621	3225.525	3231.582	3225.525	3215.430
3.5	3232.592	3222.496	3226.535	3219.468	3210.382
4.0	3229.563	3218.458	3222.496	3214.420	3203.315
4.5	3226.535	3214.420	3216.439	3207.353	3195.239
5.0	3224.516	3210.382	3211.391	3199.277	3188.172
5.5	3218.458	3205.334	3204.324	3192.210	3180.095
6.0	3214.420	3200.286	3197.258	3183.124	3171.009
6.5	3209.372	3194.229	3190.191	3173.028	3160.914
7.0	3203.315	3187.162	3182.114	3163.942	3148.799
7.5	3197.258	3181.105	3173.028	3151.828	3136.684
8.0	3191.200	3174.038	3163.942	3140.723	3123.560
8.5	3184.133	3165.961	3153.847	3128.608	3112.455
9.0	3176.057	3157.885	3143.751	3115.484	3099.331
9.5	3168.990	3150.818	3132.646	3102.360	3084.188
10.0	3160.914	3141.732	3121.541	3088.226	3069.044
10.5	3153.847	3132.646	3109.426	3073.082	3052.891
11.0	3144.761	3122.551	3096.302	3057.939	3034.719
11.5	3136.684	3113.465	3083.178	3041.786	3019.576
12.0	3130.627	3104.379	3069.044	3025.633	3002.414
12.5	3117.503	3094.283	3054.910	3007.461	2985.251
13.0	3105.388	3082.168	3040.777	2990.299	2966.070
13.5	3095.293	3068.035	3025.633	2973.137	2946.888
14.0	3083.178	3054.910	3009.481	2953.955	2927.707
14.5	3071.063	3040.777	2993.328	2934.774	2907.516
15.0	3058.949	3027.653	2978.184	2915.592	2886.315
15.5	3046.834	3014.528	2962.032	2894.391	2865.114
16.0	3033.710	3000.395	2945.879	2874.200	2844.923
16.5	3021.595	2985.251	2927.707	2854.009	2822.713
17.0	3006.452	2970.108	2907.516	2831.799	2799.493
17.5	2992.318	2954.965	2888.334	2810.598	2777.283
18.0	2979.194	2938.812	2869.153	2788.388	2753.054
18.5	2963.041	2922.659	2848.961	2765.168	2729.834
19.0	2947.898	2906.506	2828.770	2743.968	2706.614
19.5	2933.764	2889.344	2808.579	2719.739	2680.366
20.0	2916.602	2872.181	2788.388	2695.509	2656.137
20.5	2901.458	2856.028	2768.197	2672.290	2631.907
21.0	2885.305	2837.856	2745.987	2649.070	2606.669
21.5	2868.143	2819.684	2723.777	2624.840	2581.430
22.0	2850.981	2801.512	2702.576	2599.602	2556.191
22.5	2833.818	2782.331	2681.375	2574.363	2530.952
23.0	2815.646	2764.159	2658.156	2549.124	2504.704
23.5	2798.484	2744.977	2634.936	2524.895	2478.455
24.0	2778.293	2724.786	2611.716	2498.646	2453.216
24.5	2760.121	2704.595	2587.487	2473.407	2426.968
25.0	2740.939	2684.404	2565.277	2447.159	2400.719
25.5	2721.758	2664.213	2541.047	2420.911	2373.462
26.0	2702.576	2642.003	2516.818	2395.672	2347.213
26.5	2682.385	2621.812	2492.589	2369.423	2319.955

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27.0	2661.184	2599.602	2468.360	2343.175	2293.707
27.5	2639.984	2578.401	2443.121	2316.926	2266.449
28.0	2616.764	2556.191	2418.891	2290.678	2239.191
28.5	2593.544	2533.981	2394.662	2265.439	2211.933
29.0	2572.344	2511.770	2368.414	2238.181	2184.675
29.5	2551.143	2488.551	2343.175	2210.923	2156.407
30.0	2527.923	2465.331	2318.946	2184.675	2131.169
30.5	2506.723	2443.121	2293.707	2157.417	2103.911
31.0	2483.503	2419.901	2268.468	2130.159	2077.662
31.5	2462.302	2395.672	2242.219	2103.911	2051.414
32.0	2439.083	2371.442	2216.981	2076.653	2024.156
32.5	2415.863	2347.213	2190.732	2048.385	1996.898
33.0	2393.653	2322.984	2165.493	2022.137	1970.649
33.5	2370.433	2299.764	2140.255	1996.898	1944.401
34.0	2346.204	2274.525	2114.006	1969.640	1917.143
34.5	2322.984	2250.296	2088.767	1943.392	1891.904
35.0	2298.755	2226.067	2062.519	1917.143	1863.637
35.5	2276.544	2200.828	2036.270	1890.895	1836.379
36.0	2252.315	2176.598	2011.032	1863.637	1807.102
36.5	2228.086	2151.360	1984.783	1836.379	1781.863
37.0	2204.866	2126.121	1958.535	1808.111	1755.614
37.5	2179.627	2100.882	1934.306	1781.863	1730.376
38.0	2153.379	2076.653	1908.057	1756.624	1704.127
38.5	2129.149	2050.404	1881.809	1731.385	1678.888
39.0	2105.930	2025.165	1853.541	1705.137	1653.649
39.5	2079.681	1999.927	1826.283	1679.898	1628.411
40.0	2055.452	1974.688	1800.035	1655.669	1603.172
40.5	2030.213	1949.449	1774.796	1629.420	1577.933
41.0	2002.955	1924.210	1749.557	1605.191	1552.694
41.5	1977.716	1897.962	1723.309	1579.952	1528.465
42.0	1951.468	1871.713	1699.079	1555.723	1503.226
42.5	1925.220	1844.455	1672.831	1530.484	1478.997
43.0	1899.981	1816.188	1649.611	1506.255	1453.758
43.5	1872.723	1790.949	1624.372	1482.025	1428.519
44.0	1844.455	1765.710	1599.134	1457.796	1403.280
44.5	1815.178	1739.462	1574.904	1433.567	1378.041
45.0	1789.939	1714.223	1549.665	1409.337	1351.793
45.5	1764.700	1688.984	1525.436	1385.108	1326.554
46.0	1738.452	1663.745	1500.197	1359.869	1302.325
46.5	1712.204	1638.506	1475.968	1335.640	1277.086
47.0	1685.955	1613.267	1452.748	1310.401	1252.857
47.5	1660.716	1588.028	1428.519	1286.172	1228.627
48.0	1634.468	1562.790	1404.290	1260.933	1204.398
48.5	1609.229	1538.560	1380.060	1236.704	1180.169
49.0	1583.990	1513.321	1356.841	1212.474	1155.939
49.5	1557.742	1488.083	1332.611	1188.245	1132.720
50.0	1533.513	1463.853	1309.392	1165.025	1110.509
50.5	1508.274	1438.614	1286.172	1140.796	1087.290
51.0	1483.035	1414.385	1262.952	1117.576	1064.070
51.5	1457.796	1390.156	1239.732	1094.357	1041.860
52.0	1432.557	1365.927	1216.513	1071.137	1019.650
52.5	1408.328	1341.697	1193.293	1048.927	997.237
53.0	1383.089	1318.478	1170.073	1025.707	974.724
53.5	1357.850	1294.248	1146.853	1003.396	954.331
54.0	1332.611	1270.019	1123.634	981.085	932.222
54.5	1308.382	1245.790	1099.404	959.177	911.022

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55.0	1283.143	1222.570	1076.185	936.866	890.427
55.5	1258.914	1199.350	1052.965	915.363	869.832
56.0	1233.675	1176.130	1028.736	893.758	849.035
56.5	1209.446	1151.901	1005.920	872.759	828.137
57.0	1184.207	1129.691	983.003	851.559	808.148
57.5	1160.987	1106.471	960.086	830.863	787.957
58.0	1136.758	1083.251	937.270	810.268	768.473
58.5	1111.519	1060.032	914.959	789.875	748.685
59.0	1088.299	1036.812	892.446	769.785	729.100
59.5	1064.070	1014.602	870.135	749.695	710.120
60.0	1040.850	991.786	848.227	730.210	691.545
60.5	1016.621	969.576	826.724	710.423	672.666
61.0	993.199	947.265	805.220	690.838	654.292
61.5	969.778	925.054	783.717	671.656	636.423
62.0	946.457	902.844	762.314	653.282	618.352
62.5	923.641	881.139	741.114	634.606	600.382
63.0	900.825	859.534	720.216	616.030	583.017
63.5	878.514	838.132	699.318	597.757	566.057
64.0	855.496	816.628	678.824	579.787	548.592
64.5	833.084	795.428	658.431	561.918	531.732
65.0	810.975	774.126	638.139	544.352	515.074
65.5	788.765	753.026	618.049	526.785	498.417
66.0	766.958	732.431	598.161	509.724	481.961
66.5	745.354	711.635	578.676	492.460	465.909
67.0	723.446	690.838	558.990	475.601	449.958
67.5	701.943	670.344	539.909	458.943	433.906
68.0	680.843	649.446	520.526	442.387	418.258
68.5	659.643	628.447	501.950	426.234	402.711
69.0	638.644	607.045	483.374	409.980	387.366
69.5	617.746	586.248	465.001	394.130	372.424
70.0	596.747	565.350	446.829	378.482	357.079
70.5	575.951	544.452	428.859	362.935	342.542
71.0	555.255	523.858	411.090	347.488	327.802
71.5	535.165	503.566	393.625	332.446	313.063
72.0	515.377	483.475	376.463	317.303	298.626
72.5	495.085	463.890	359.502	302.563	284.391
73.0	475.399	444.204	342.845	287.925	270.560
73.5	455.612	424.618	326.490	273.387	256.528
74.0	436.531	405.740	310.337	259.455	243.101
74.5	417.350	386.861	294.487	245.221	229.674
75.0	398.471	368.083	278.637	231.390	216.448
75.5	379.693	349.911	263.292	217.761	203.728
76.0	361.622	331.739	248.249	204.637	191.008
76.5	343.652	314.173	233.308	191.714	178.792
77.0	325.884	296.405	218.770	178.893	167.081
77.5	308.520	279.142	204.435	166.576	155.370
78.0	291.256	262.181	190.301	154.563	143.962
78.5	274.498	245.524	176.268	142.852	132.857
79.0	257.941	229.068	162.740	131.343	121.954
79.5	241.990	212.814	149.616	120.238	111.152
80.0	226.241	196.964	136.896	109.436	100.753
80.5	210.795	181.417	124.579	98.633	90.355
81.0	195.551	166.072	112.868	88.134	80.260
81.5	180.710	151.231	101.359	77.736	69.962
82.0	166.274	136.896	90.456	67.741	59.766
82.5	152.241	122.964	79.755	57.444	48.963

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CANDELA TABULATION - (Cont.)

83.0	138.612	109.436	69.255	46.944	37.353
83.5	125.387	96.311	59.160	35.334	24.936
84.0	112.565	83.894	49.266	23.523	19.282
84.5	100.249	71.981	39.272	17.970	17.061
85.0	88.336	60.674	27.965	15.749	15.143
85.5	76.928	50.074	16.961	13.831	13.326
86.0	65.924	39.978	13.326	11.913	11.509
86.5	55.223	30.489	11.307	10.096	9.692
87.0	45.228	21.201	9.389	8.379	7.975
87.5	35.637	11.206	7.471	6.562	6.360
88.0	26.652	7.067	5.754	4.947	4.644
88.5	18.374	5.250	4.038	3.432	3.231
89.0	11.206	3.432	2.423	2.019	1.918
89.5	5.048	1.817	1.211	1.010	0.808
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 : LRX2X-4-L16-850-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 : LRX2X-4-L16-850-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 : LRX2X-4-L16-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1138.93	N.A.	16.70
0-30	2318.58	N.A.	34.10
0-40	3612.84	N.A.	53.10
0-60	5784.46	N.A.	85.00
0-80	6751.5	N.A.	99.20
0-90	6809.09	N.A.	100.00
10-90	6505.87	N.A.	95.50
20-40	2473.9	N.A.	36.30
20-50	3678.3	N.A.	54.00
40-70	2821.78	N.A.	41.40
60-80	967.04	N.A.	14.20
70-80	316.89	N.A.	4.70
80-90	57.58	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	6809.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	303.22
10-20	835.72
20-30	1179.64
30-40	1294.26
40-50	1204.4
50-60	967.23
60-70	650.15
70-80	316.89
80-90	57.58
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-L16-850-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	99	107	103	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-L16-850-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	23.3	24.8	23.7	25.2	25.5	21.2	22.7	21.6	23.0	23.3
	3H	24.9	26.3	25.3	26.6	27.0	22.4	23.8	22.8	24.2	24.5
	4H	25.5	26.8	25.9	27.1	27.5	22.8	24.1	23.2	24.5	24.8
	6H	25.8	27.0	26.2	27.4	27.8	23.0	24.2	23.4	24.6	25.0
	8H	25.9	27.1	26.4	27.5	27.9	23.0	24.2	23.5	24.5	24.9
	12H	26.0	27.1	26.4	27.5	27.9	23.0	24.1	23.4	24.5	24.9

UGR Viewed Endwise

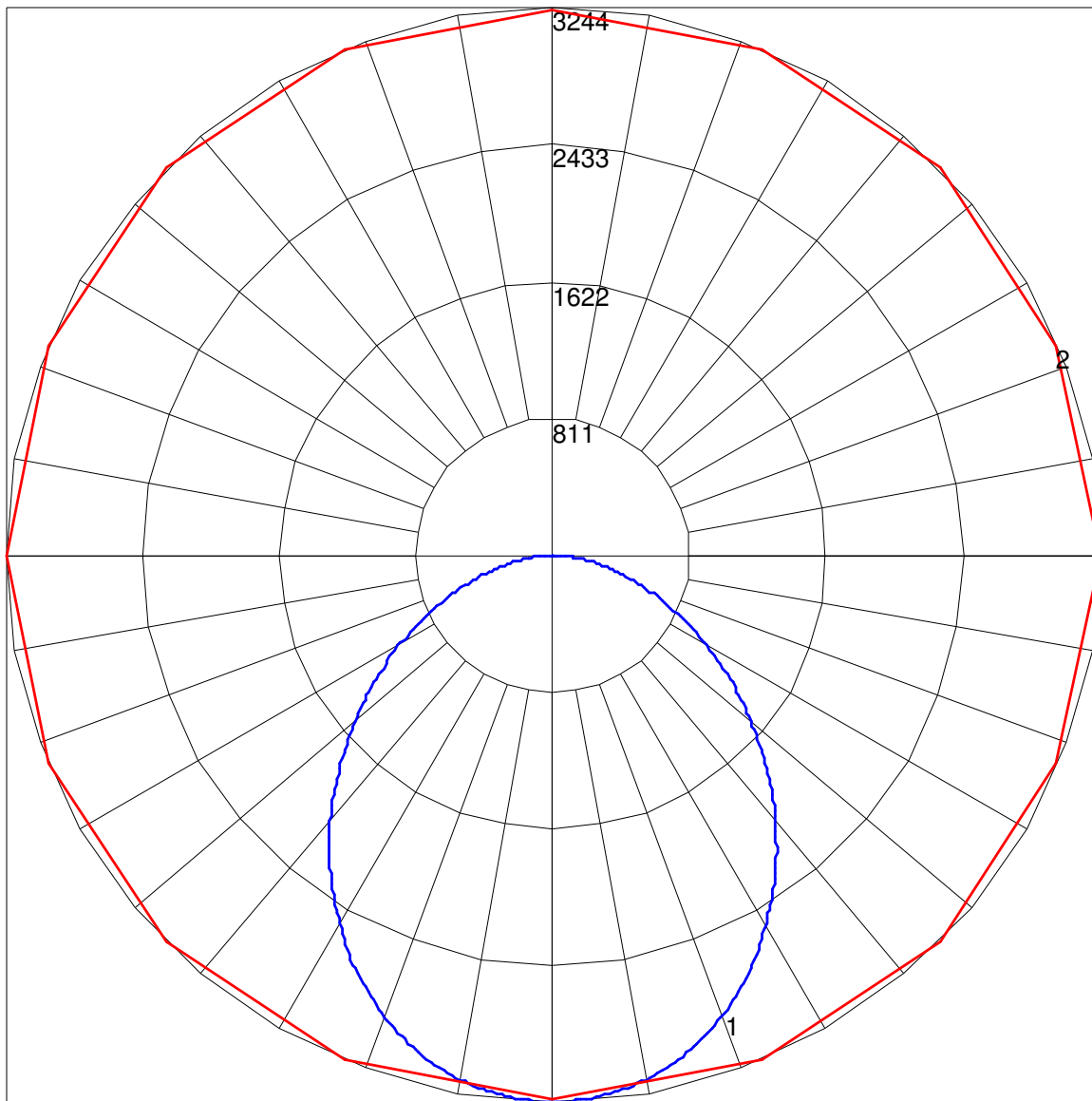
4H	2H	23.6	24.9	24.0	25.3	25.6	21.9	23.2	22.3	23.5	23.9
	3H	25.5	26.5	25.9	26.9	27.3	23.3	24.4	23.7	24.8	25.2
	4H	26.1	27.1	26.6	27.5	28.0	23.8	24.7	24.2	25.2	25.6
	6H	26.6	27.5	27.1	27.9	28.4	24.0	24.9	24.5	25.3	25.8
	8H	26.8	27.5	27.2	28.0	28.5	24.0	24.8	24.5	25.3	25.7
	12H	26.8	27.6	27.3	28.0	28.5	24.0	24.7	24.5	25.2	25.7

8H	4H	26.2	27.0	26.7	27.4	27.9	24.1	24.9	24.5	25.3	25.8
	6H	26.8	27.4	27.3	27.9	28.4	24.4	25.0	24.9	25.5	26.0
	8H	27.0	27.6	27.5	28.1	28.6	24.4	25.0	24.9	25.5	26.0
	12H	27.1	27.6	27.6	28.1	28.7	24.4	24.9	24.9	25.4	26.0

12H	4H	26.2	26.9	26.7	27.4	27.9	24.1	24.8	24.6	25.3	25.8
	6H	26.8	27.4	27.3	27.8	28.4	24.4	25.0	25.0	25.5	26.0
	8H	27.0	27.5	27.5	28.0	28.6	24.5	25.0	25.0	25.5	26.1

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 3243.697 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.)