



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L10-830-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] GEN FROM 14853501.01  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 2023-07-25  
 [TESTDATE] 6/19/2023  
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
 [LUMCAT] LRX2-6-L10-830-DMA-DIM-UNV  
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE  
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS  
 [LAMP] LED  
 [BALLAST] 0-10V DIMMING DRIVER  
 [\_SEARCH\_SOURCETYPE] LED  
 [\_SEARCH\_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE  
 [\_SEARCH\_MOUNTING] RECESSED

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5982
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	54.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	6.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	23286	20087	18322
55	20758	17652	16159
65	18300	15560	14324
75	15094	13247	12346
85	11386	10624	10236

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-6-L10-830-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	2650.149	2650.149	2650.149	2650.149	2650.149
0.5	2696.872	2652.322	2637.110	2643.630	2630.591
1.0	2696.872	2651.236	2637.110	2643.630	2629.504
1.5	2695.785	2651.236	2636.024	2642.543	2628.418
2.0	2694.699	2649.063	2633.851	2641.457	2625.158
2.5	2693.612	2646.890	2632.764	2638.197	2622.985
3.0	2691.439	2644.716	2629.504	2636.024	2618.639
3.5	2689.266	2642.543	2626.245	2631.678	2614.292
4.0	2687.093	2640.370	2622.985	2628.418	2611.033
4.5	2684.920	2637.110	2619.725	2624.072	2605.600
5.0	2682.746	2633.851	2614.292	2618.639	2600.167
5.5	2678.400	2629.504	2609.946	2612.119	2592.561
6.0	2675.140	2625.158	2604.513	2606.686	2586.041
6.5	2671.881	2621.898	2599.080	2599.080	2578.435
7.0	2667.534	2616.465	2593.647	2591.474	2570.829
7.5	2663.188	2612.119	2587.128	2583.868	2562.137
8.0	2658.842	2605.600	2580.609	2575.176	2554.531
8.5	2653.409	2600.167	2573.003	2566.483	2544.752
9.0	2647.976	2594.734	2565.397	2556.704	2534.973
9.5	2642.543	2588.215	2556.704	2545.838	2524.107
10.0	2637.110	2581.695	2548.011	2536.059	2514.328
10.5	2630.591	2575.176	2539.319	2525.193	2501.289
11.0	2624.072	2567.570	2529.540	2514.328	2489.337
11.5	2616.465	2559.964	2519.761	2502.375	2477.384
12.0	2608.859	2551.271	2508.895	2490.423	2464.345
12.5	2602.340	2542.579	2498.029	2477.384	2450.220
13.0	2593.647	2533.886	2487.163	2464.345	2437.181
13.5	2584.955	2524.107	2475.211	2450.220	2423.056
14.0	2577.349	2514.328	2464.345	2437.181	2408.930
14.5	2567.570	2504.549	2451.307	2423.056	2393.718
15.0	2558.877	2494.769	2439.354	2407.844	2379.593
15.5	2549.098	2483.904	2425.229	2392.632	2363.294
16.0	2541.492	2474.125	2412.190	2377.420	2346.996
16.5	2533.886	2463.259	2398.065	2361.121	2330.697
17.0	2524.107	2452.393	2383.939	2344.822	2314.398
17.5	2509.981	2441.527	2369.814	2328.524	2297.013
18.0	2496.943	2431.748	2355.688	2311.139	2278.542
18.5	2483.904	2418.709	2340.476	2293.754	2260.070
19.0	2473.038	2404.584	2325.264	2275.282	2241.598
19.5	2461.086	2390.459	2310.052	2256.810	2222.040
20.0	2449.133	2376.333	2293.754	2239.425	2201.395
20.5	2436.095	2362.208	2278.542	2220.953	2181.837
21.0	2423.056	2349.169	2262.243	2201.395	2161.192
21.5	2410.017	2335.043	2245.944	2182.923	2141.634
22.0	2395.891	2319.831	2228.559	2163.365	2120.989
22.5	2382.853	2305.706	2212.261	2142.720	2101.430
23.0	2367.640	2290.494	2197.049	2123.162	2081.872
23.5	2353.515	2274.195	2179.664	2103.603	2061.227
24.0	2338.303	2258.983	2160.105	2084.045	2041.669
24.5	2323.091	2242.685	2141.634	2064.487	2021.024
25.0	2307.879	2227.473	2122.075	2043.842	2000.379
25.5	2292.667	2210.088	2103.603	2024.284	1979.734
26.0	2276.368	2193.789	2084.045	2003.639	1960.176
26.5	2261.156	2176.404	2065.573	1984.081	1940.618

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-6-L10-830-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

27.0	2243.771	2160.105	2046.015	1964.522	1919.973
27.5	2227.473	2141.634	2027.543	1944.964	1898.241
28.0	2211.174	2124.248	2007.985	1925.406	1878.683
28.5	2194.876	2106.863	1988.427	1904.761	1859.125
29.0	2177.490	2088.391	1969.955	1884.116	1839.566
29.5	2159.019	2069.920	1950.397	1863.471	1820.008
30.0	2141.634	2051.448	1930.839	1843.913	1799.363
30.5	2123.162	2034.063	1912.367	1824.354	1778.718
31.0	2104.690	2015.591	1892.809	1803.710	1758.074
31.5	2085.132	1996.033	1872.164	1783.065	1738.515
32.0	2066.660	1977.561	1852.605	1762.420	1717.870
32.5	2047.102	1958.003	1833.047	1741.775	1697.226
33.0	2028.630	1938.445	1812.402	1721.130	1676.581
33.5	2009.072	1918.886	1792.844	1701.572	1655.936
34.0	1989.513	1899.328	1773.286	1680.927	1635.291
34.5	1971.042	1878.683	1751.554	1660.282	1614.646
35.0	1951.483	1859.125	1731.996	1638.551	1594.001
35.5	1931.925	1838.480	1711.351	1617.906	1574.443
36.0	1911.280	1818.922	1691.793	1598.347	1553.798
36.5	1891.722	1798.277	1671.148	1577.703	1534.240
37.0	1872.164	1777.632	1650.503	1555.971	1513.595
37.5	1851.519	1756.987	1629.858	1536.413	1495.123
38.0	1831.960	1736.342	1609.213	1515.768	1474.478
38.5	1811.316	1715.697	1589.655	1496.210	1454.920
39.0	1790.671	1695.052	1567.923	1475.565	1435.362
39.5	1770.026	1674.408	1547.279	1456.007	1415.803
40.0	1748.294	1653.763	1526.634	1435.362	1396.245
40.5	1726.563	1633.118	1505.989	1416.890	1377.773
41.0	1705.918	1612.473	1485.344	1397.332	1357.128
41.5	1684.187	1590.741	1464.699	1377.773	1337.570
42.0	1662.455	1570.097	1445.141	1357.128	1319.098
42.5	1641.810	1548.365	1424.496	1337.570	1299.540
43.0	1620.079	1527.720	1404.938	1319.098	1281.068
43.5	1598.347	1505.989	1383.206	1300.627	1262.597
44.0	1576.616	1485.344	1363.648	1281.068	1244.125
44.5	1554.885	1464.699	1343.003	1261.510	1225.653
45.0	1534.240	1442.968	1323.445	1243.038	1207.182
45.5	1512.508	1422.323	1303.886	1224.567	1188.710
46.0	1490.777	1401.678	1284.328	1206.095	1171.325
46.5	1470.132	1379.947	1263.683	1187.623	1152.853
47.0	1448.401	1359.302	1244.125	1169.152	1135.468
47.5	1427.756	1338.657	1225.653	1149.593	1118.083
48.0	1406.024	1318.012	1206.095	1132.208	1099.611
48.5	1384.293	1297.367	1187.623	1113.736	1082.878
49.0	1363.648	1275.636	1166.978	1096.351	1065.384
49.5	1341.916	1254.991	1148.507	1077.771	1047.890
50.0	1321.272	1235.432	1128.948	1059.625	1030.396
50.5	1299.540	1214.788	1110.477	1042.457	1013.772
51.0	1278.895	1194.143	1090.918	1025.615	997.256
51.5	1257.164	1173.498	1072.555	1008.448	979.219
52.0	1236.519	1153.940	1053.432	990.736	962.268
52.5	1214.788	1133.295	1034.525	973.025	945.970
53.0	1194.143	1113.736	1015.836	955.531	928.584
53.5	1172.411	1094.178	998.016	939.124	912.829
54.0	1151.766	1073.642	979.979	922.934	896.205
54.5	1131.122	1053.540	961.616	906.310	879.906

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-6-L10-830-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

55.0	1109.390	1033.873	943.362	889.142	863.607
55.5	1088.745	1014.424	925.651	871.757	846.983
56.0	1067.992	995.083	908.374	855.024	831.228
56.5	1047.673	975.959	890.772	839.268	815.581
57.0	1027.245	956.618	873.387	823.730	800.586
57.5	1007.252	937.712	856.545	807.323	785.048
58.0	987.368	919.131	839.377	790.590	769.076
58.5	968.136	900.551	821.883	774.183	753.538
59.0	948.469	882.514	804.498	758.319	738.978
59.5	929.128	864.477	787.547	742.781	723.983
60.0	909.678	846.657	771.249	727.677	708.554
60.5	890.772	828.837	755.168	712.465	693.450
61.0	871.974	810.909	738.869	696.927	678.890
61.5	853.068	792.980	721.918	681.281	663.896
62.0	834.161	775.595	705.403	665.851	648.901
62.5	815.364	758.427	689.756	650.965	634.341
63.0	796.457	740.933	674.761	636.405	620.107
63.5	777.442	723.548	659.767	622.714	605.873
64.0	758.536	706.055	644.337	609.024	591.638
64.5	739.630	688.669	628.365	594.246	577.730
65.0	720.615	671.502	612.718	578.817	564.040
65.5	701.708	654.225	597.941	564.909	550.566
66.0	682.911	636.949	583.489	552.413	537.636
66.5	664.004	619.781	568.820	539.592	524.488
67.0	645.206	602.830	553.500	525.684	511.015
67.5	626.517	585.988	538.070	510.689	497.324
68.0	607.828	568.929	522.641	495.260	483.307
68.5	589.357	551.979	507.320	480.917	469.399
69.0	571.102	535.028	492.760	467.552	455.926
69.5	552.848	518.512	478.418	454.296	442.343
70.0	534.702	501.996	463.206	439.736	428.001
70.5	516.882	485.372	447.668	424.089	413.767
71.0	498.954	468.747	432.347	409.094	399.750
71.5	481.351	452.340	417.352	395.621	386.168
72.0	463.858	436.476	403.010	383.125	373.020
72.5	446.581	420.829	389.210	370.195	360.416
73.0	429.631	405.291	375.193	356.396	347.594
73.5	412.789	389.645	360.742	342.596	334.338
74.0	396.273	374.215	346.291	329.340	321.734
74.5	379.974	359.112	332.600	316.844	309.890
75.0	364.002	344.443	319.452	304.566	297.721
75.5	348.246	329.883	306.522	292.179	285.225
76.0	332.708	315.432	293.266	279.901	273.382
76.5	317.388	300.872	280.118	267.297	261.755
77.0	302.176	286.638	266.862	254.910	249.694
77.5	287.290	272.621	254.258	242.740	237.416
78.0	272.404	258.713	241.980	230.897	225.790
78.5	257.735	245.022	229.701	219.162	214.707
79.0	243.501	231.657	217.423	207.644	203.732
79.5	229.375	218.510	205.362	196.344	192.867
80.0	215.576	205.579	193.627	185.043	181.892
80.5	201.885	192.867	182.001	173.852	170.700
81.0	188.629	180.371	170.266	162.877	159.726
81.5	175.699	168.201	158.965	152.229	149.295
82.0	162.986	156.466	148.208	142.015	139.299
82.5	150.599	144.949	137.560	132.127	129.628

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-6-L10-830-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

83.0	138.429	133.540	127.129	122.131	120.175
83.5	126.477	122.239	116.589	112.243	110.722
84.0	114.851	111.374	106.049	102.464	101.051
84.5	103.550	100.725	95.836	92.902	91.707
85.0	92.467	90.294	86.274	83.666	83.123
85.5	81.602	79.972	76.929	74.973	75.082
86.0	71.062	69.758	67.802	66.933	66.933
86.5	60.848	59.979	58.675	58.458	58.675
87.0	50.852	50.526	49.765	49.765	50.091
87.5	41.290	40.964	41.072	41.616	41.833
88.0	32.054	32.271	33.249	34.010	34.336
88.5	23.470	24.231	26.078	26.295	26.512
89.0	15.864	17.059	18.146	16.407	16.299
89.5	10.974	11.300	8.475	8.041	8.910
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 : LRX2-6-L10-830-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 : LRX2-6-L10-830-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 : LRX2-6-L10-830-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 : LRX2-6-L10-830-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	938.35	N.A.	15.70
0-30	1921.08	N.A.	32.10
0-40	3015.17	N.A.	50.40
0-60	4916.17	N.A.	82.20
0-80	5882.74	N.A.	98.30
0-90	5981.74	N.A.	100.00
10-90	5733.12	N.A.	95.80
20-40	2076.82	N.A.	34.70
20-50	3115.04	N.A.	52.10
40-70	2522.13	N.A.	42.20
60-80	966.57	N.A.	16.20
70-80	345.43	N.A.	5.80
80-90	99.01	N.A.	1.70
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	5981.74	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	248.63
10-20	689.73
20-30	982.72
30-40	1094.1
40-50	1038.22
50-60	862.78
60-70	621.13
70-80	345.43
80-90	99.01
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 : LRX2-6-L10-830-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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-6-L10-830-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	22.3	23.9	22.7	24.2	24.5	21.2	22.7	21.5	23.0	23.3
	3H	24.0	25.4	24.4	25.8	26.1	22.8	24.2	23.2	24.6	24.9
	4H	24.6	26.0	25.0	26.3	26.7	23.4	24.8	23.8	25.1	25.5
	6H	25.1	26.3	25.5	26.7	27.1	23.9	25.1	24.3	25.5	25.9
	8H	25.2	26.4	25.7	26.8	27.2	24.0	25.2	24.5	25.6	26.0
	12H	25.3	26.5	25.8	26.8	27.3	24.1	25.3	24.6	25.7	26.1

UGR Viewed Endwise

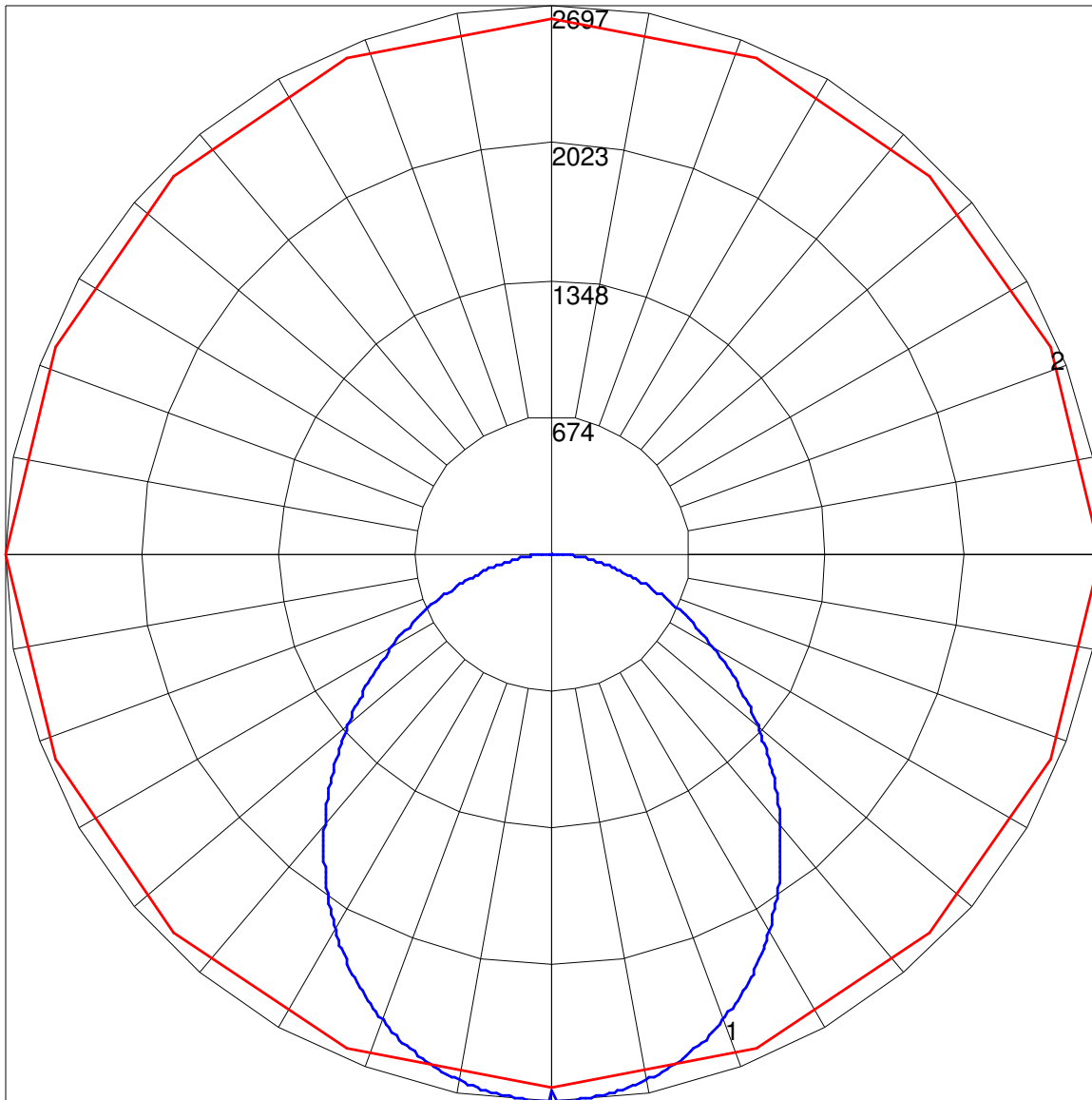
4H	2H	22.8	24.1	23.2	24.4	24.8	21.8	23.1	22.2	23.5	23.9
	3H	24.7	25.8	25.1	26.2	26.6	23.7	24.8	24.1	25.2	25.6
	4H	25.5	26.5	25.9	26.9	27.3	24.4	25.4	24.9	25.9	26.3
	6H	26.0	26.9	26.5	27.4	27.8	25.0	25.9	25.5	26.3	26.8
	8H	26.2	27.0	26.7	27.5	28.0	25.2	26.0	25.7	26.5	26.9
	12H	26.4	27.1	26.9	27.6	28.0	25.4	26.1	25.9	26.6	27.0

8H	4H	25.7	26.5	26.1	26.9	27.4	24.8	25.6	25.2	26.0	26.5
	6H	26.4	27.0	26.9	27.5	28.0	25.5	26.1	26.0	26.6	27.1
	8H	26.6	27.2	27.1	27.7	28.2	25.7	26.3	26.2	26.9	27.3
	12H	26.9	27.4	27.4	27.9	28.4	26.0	26.5	26.5	27.0	27.6

12H	4H	25.7	26.4	26.2	26.9	27.4	24.8	25.5	25.3	26.0	26.5
	6H	26.4	27.0	26.9	27.5	28.0	25.5	26.2	26.1	26.6	27.2
	8H	26.7	27.3	27.2	27.8	28.3	25.9	26.4	26.4	26.9	27.5

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 2696.872 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.)