



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5-4-L15-835-S-DMA-DRV-UNV.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.04

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 1-SEP-2021

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMCAT] LRX5-4-L15-835-DMA-DIM-UNV

[LUMINAIRE] White steel housing, frosted lens enclosure

[LAMP] white LEDs

[BALLAST] (1) Everline Driver

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[_SEARCH_SOURCETYPE] LED

[_SEARCH_APPLICATION] Indoor, Architectural, Classroom, Commercial, Office, Direct, Linear

[_SEARCH_MOUNTING] Recessed

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6052
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	48.9
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.12
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.94 ft
Luminous Width (90-270)	0.44 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13815	12111	11078
55	12000	10258	9293
65	10121	8623	7828
75	8062	7019	6491
85	5840	5385	5239

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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	2648.830	2648.830	2648.830	2648.830	2648.830
0.5	2682.618	2649.616	2637.829	2646.473	2640.973
1.0	2682.618	2648.830	2637.044	2646.473	2640.187
1.5	2681.047	2648.044	2637.044	2645.687	2639.401
2.0	2680.261	2647.259	2635.472	2644.901	2638.615
2.5	2678.690	2645.687	2633.901	2643.330	2637.044
3.0	2677.118	2644.116	2632.329	2641.758	2634.686
3.5	2675.546	2642.544	2630.758	2640.187	2633.115
4.0	2673.975	2640.187	2628.400	2637.829	2629.972
4.5	2671.618	2637.829	2626.043	2634.686	2626.829
5.0	2669.260	2634.686	2622.900	2631.543	2622.900
5.5	2666.117	2632.329	2619.757	2627.614	2618.971
6.0	2662.974	2629.186	2615.828	2623.686	2614.256
6.5	2660.617	2625.257	2611.899	2618.971	2609.542
7.0	2656.688	2621.328	2607.970	2614.256	2604.827
7.5	2652.759	2617.399	2603.256	2608.756	2599.327
8.0	2648.830	2613.471	2598.541	2603.256	2593.826
8.5	2644.901	2608.756	2593.041	2596.969	2587.540
9.0	2640.187	2604.041	2587.540	2589.898	2580.468
9.5	2635.472	2599.327	2581.254	2582.826	2573.396
10.0	2630.758	2593.826	2574.968	2575.754	2565.539
10.5	2625.257	2588.326	2567.896	2567.896	2556.895
11.0	2619.757	2582.040	2560.824	2559.252	2548.252
11.5	2614.256	2575.754	2553.752	2550.609	2538.822
12.0	2607.970	2569.468	2545.109	2541.966	2528.607
12.5	2601.684	2562.396	2537.251	2531.751	2519.178
13.0	2594.612	2555.324	2528.607	2522.321	2508.177
13.5	2587.540	2547.466	2519.964	2512.106	2497.962
14.0	2580.468	2539.608	2511.321	2501.106	2486.962
14.5	2572.611	2531.751	2501.891	2490.105	2475.175
15.0	2564.753	2523.107	2491.676	2479.104	2463.389
15.5	2556.895	2514.464	2481.461	2467.317	2451.602
16.0	2548.252	2505.034	2470.461	2454.745	2439.030
16.5	2538.822	2495.605	2459.460	2442.173	2425.672
17.0	2529.393	2486.176	2447.673	2429.600	2411.528
17.5	2519.964	2475.961	2435.887	2416.242	2397.384
18.0	2510.535	2465.746	2424.100	2402.099	2382.454
18.5	2500.320	2454.745	2411.528	2387.169	2367.525
19.0	2490.105	2443.744	2398.170	2372.239	2351.809
19.5	2479.890	2432.744	2384.812	2356.524	2335.308
20.0	2468.889	2420.957	2371.453	2340.023	2318.021
20.5	2457.888	2409.170	2357.310	2323.522	2300.734
21.0	2446.102	2397.384	2343.166	2306.235	2282.662
21.5	2434.315	2384.812	2329.022	2288.162	2264.589
22.0	2421.743	2372.239	2313.307	2270.089	2246.516
22.5	2409.956	2358.881	2298.377	2252.016	2228.443
23.0	2396.598	2345.523	2282.662	2233.944	2209.585
23.5	2384.026	2331.379	2266.160	2215.085	2189.941
24.0	2370.668	2317.235	2249.659	2196.227	2171.082
24.5	2357.310	2302.306	2233.158	2177.368	2151.438
25.0	2342.380	2287.376	2215.871	2158.510	2131.794
25.5	2328.236	2272.446	2198.584	2139.651	2111.364
26.0	2314.092	2256.731	2180.511	2120.793	2090.934
26.5	2299.163	2241.016	2162.439	2101.149	2071.289

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CANDELA TABULATION - (Cont.)

27.0	2283.447	2225.300	2144.366	2081.504	2051.645
27.5	2267.732	2208.799	2126.293	2061.860	2031.215
28.0	2252.016	2191.512	2107.435	2042.216	2010.785
28.5	2235.515	2174.225	2088.576	2021.786	1990.355
29.0	2219.014	2156.938	2069.718	2001.356	1969.925
29.5	2202.513	2139.651	2050.074	1980.926	1949.495
30.0	2185.226	2121.579	2030.429	1959.710	1928.279
30.5	2167.939	2103.506	2010.785	1938.494	1907.849
31.0	2150.652	2085.433	1991.141	1917.279	1885.848
31.5	2132.579	2067.361	1970.711	1896.063	1864.632
32.0	2114.507	2048.502	1950.281	1874.061	1842.630
32.5	2096.434	2029.644	1929.851	1852.060	1820.629
33.0	2077.576	2009.999	1908.635	1830.058	1797.841
33.5	2059.503	1990.355	1887.419	1807.271	1775.054
34.0	2039.859	1970.711	1866.203	1785.269	1752.267
34.5	2021.000	1950.281	1844.988	1762.482	1729.480
35.0	2001.356	1930.637	1822.986	1740.480	1706.692
35.5	1981.712	1909.421	1800.985	1717.693	1683.905
36.0	1961.282	1888.991	1778.983	1694.906	1661.118
36.5	1940.852	1867.775	1756.981	1672.118	1638.330
37.0	1920.422	1845.773	1734.194	1649.331	1615.543
37.5	1899.206	1824.558	1712.193	1626.544	1592.756
38.0	1878.776	1803.342	1689.405	1603.756	1569.968
38.5	1856.774	1781.340	1666.618	1580.183	1547.181
39.0	1835.558	1759.339	1644.616	1558.182	1524.394
39.5	1813.557	1736.551	1621.829	1535.394	1502.392
40.0	1791.555	1714.550	1599.042	1512.607	1479.605
40.5	1769.554	1692.548	1576.254	1489.820	1456.817
41.0	1747.552	1669.761	1554.253	1467.032	1434.816
41.5	1725.551	1647.759	1531.465	1444.245	1412.028
42.0	1702.763	1624.972	1509.464	1421.458	1389.241
42.5	1679.976	1602.971	1486.677	1398.670	1367.240
43.0	1657.974	1580.183	1463.889	1376.669	1344.452
43.5	1635.187	1557.396	1441.102	1353.882	1322.451
44.0	1612.400	1535.394	1418.315	1331.880	1299.663
44.5	1589.612	1512.607	1395.527	1309.878	1277.662
45.0	1566.825	1489.820	1373.526	1287.877	1256.446
45.5	1544.038	1467.032	1350.738	1266.661	1234.444
46.0	1520.465	1443.459	1327.951	1244.659	1213.229
46.5	1497.677	1420.672	1305.950	1222.658	1192.013
47.0	1474.890	1397.099	1283.948	1201.442	1170.797
47.5	1450.531	1374.312	1261.161	1180.226	1149.581
48.0	1426.958	1351.524	1239.159	1159.011	1129.151
48.5	1403.385	1328.737	1217.943	1137.795	1108.721
49.0	1379.812	1305.164	1195.942	1116.579	1088.291
49.5	1356.239	1282.376	1173.940	1096.149	1067.861
50.0	1333.451	1259.589	1151.939	1074.933	1047.431
50.5	1309.878	1236.802	1130.723	1054.503	1027.001
51.0	1287.091	1214.014	1108.721	1034.073	1007.357
51.5	1263.518	1191.227	1087.506	1013.643	987.713
52.0	1240.731	1169.226	1066.290	993.999	968.068
52.5	1217.158	1147.224	1045.074	973.569	948.424
53.0	1194.370	1124.437	1024.644	953.925	929.566
53.5	1171.583	1102.435	1004.214	935.066	910.707
54.0	1148.796	1081.219	983.784	915.422	891.849
54.5	1126.008	1059.218	963.354	896.563	872.990

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CANDELA TABULATION - (Cont.)

55.0	1104.007	1038.002	943.710	878.491	854.918
55.5	1082.005	1017.572	923.280	859.632	836.059
56.0	1059.218	995.570	903.635	841.560	818.772
56.5	1037.216	975.140	884.777	823.487	800.700
57.0	1016.000	953.925	865.133	805.414	783.098
57.5	993.999	933.495	846.274	788.127	766.361
58.0	972.783	913.065	827.416	770.683	749.624
58.5	950.782	892.635	808.557	753.475	732.966
59.0	929.566	872.990	790.484	736.424	716.386
59.5	909.136	853.346	772.019	719.372	699.807
60.0	887.920	833.702	753.789	702.400	683.620
60.5	867.490	814.058	735.952	685.977	667.590
61.0	847.060	794.413	718.429	669.397	651.875
61.5	826.630	775.162	701.064	653.211	636.159
62.0	806.200	756.068	683.698	636.945	620.522
62.5	785.770	737.131	666.647	620.994	604.886
63.0	765.733	718.508	649.753	605.121	589.563
63.5	745.617	699.728	633.095	589.563	574.241
64.0	725.580	681.262	616.829	574.398	559.468
64.5	705.857	663.190	600.564	559.390	544.931
65.0	686.056	644.960	584.534	544.617	530.630
65.5	666.647	626.809	568.505	530.002	516.408
66.0	647.396	608.972	552.553	515.622	502.343
66.5	628.066	591.135	536.759	501.321	488.435
67.0	609.207	573.691	521.123	487.177	474.762
67.5	590.506	556.168	505.721	473.191	461.404
68.0	571.569	539.038	490.399	459.125	447.810
68.5	553.025	521.830	475.155	445.060	434.216
69.0	534.795	504.857	459.990	430.995	420.544
69.5	516.722	488.042	444.510	416.929	406.950
70.0	499.121	471.305	429.502	403.100	393.514
70.5	481.756	454.882	414.808	389.506	380.234
71.0	464.547	438.617	400.271	376.069	367.190
71.5	447.575	422.666	385.970	362.790	354.304
72.0	430.759	406.793	371.669	349.746	341.653
72.5	414.022	391.313	357.604	336.781	329.159
73.0	397.757	375.912	343.931	324.051	316.822
73.5	381.570	360.983	330.573	311.558	304.722
74.0	365.619	346.289	317.372	299.300	292.856
74.5	350.060	331.831	304.329	287.199	281.070
75.0	334.659	317.530	291.363	275.255	269.440
75.5	319.494	303.386	278.555	263.469	257.890
76.0	304.564	289.478	265.983	251.839	246.653
76.5	289.871	275.805	253.647	240.446	235.495
77.0	275.412	262.447	241.546	229.209	224.652
77.5	261.190	249.325	229.602	218.287	213.887
78.0	247.282	236.281	217.894	207.443	203.122
78.5	233.531	223.473	206.265	196.600	192.592
79.0	220.094	210.822	194.871	185.913	182.220
79.5	206.972	198.328	183.556	175.462	172.005
80.0	194.242	186.306	172.555	165.326	162.183
80.5	181.906	174.441	161.947	155.347	152.518
81.0	169.883	162.890	151.496	145.525	142.932
81.5	158.018	151.575	141.203	135.938	133.659
82.0	146.389	140.417	131.145	126.430	124.387
82.5	134.838	129.573	121.244	117.158	115.351

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CANDELA TABULATION - (Cont.)

83.0	123.680	118.966	111.658	108.201	106.472
83.5	112.837	108.672	102.229	99.321	97.907
84.0	102.150	98.693	93.035	90.599	89.499
84.5	91.778	88.871	84.077	82.034	81.327
85.0	81.641	79.284	75.277	73.627	73.234
85.5	71.741	69.855	66.555	65.376	65.376
86.0	62.154	60.740	58.068	57.440	57.754
86.5	52.882	52.018	49.975	49.739	50.368
87.0	44.003	43.610	42.117	42.274	43.217
87.5	35.360	35.517	34.417	35.124	36.303
88.0	27.109	27.659	27.109	28.209	29.231
88.5	19.487	20.194	19.801	20.194	20.273
89.0	13.044	13.515	13.437	13.908	14.930
89.5	8.879	8.251	8.643	10.294	11.472
90.0	5.265	4.243	4.793	6.208	6.993
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 : LRX5-4-L15-835-S-DMA-DRV-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 : LRX5-4-L15-835-S-DMA-DRV-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 : LRX5-4-L15-835-S-DMA-DRV-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	954.24	N.A.	15.80
0-30	1977.18	N.A.	32.70
0-40	3123.82	N.A.	51.60
0-60	5056.43	N.A.	83.60
0-80	5964.17	N.A.	98.60
0-90	6051.74	N.A.	100.00
10-90	5801.85	N.A.	95.90
20-40	2169.58	N.A.	35.80
20-50	3241.95	N.A.	53.60
40-70	2524.2	N.A.	41.70
60-80	907.75	N.A.	15.00
70-80	316.15	N.A.	5.20
80-90	87.57	N.A.	1.40
90-110	0.15	N.A.	0.00
90-120	0.15	N.A.	0.00
90-130	0.15	N.A.	0.00
90-150	0.15	N.A.	0.00
90-180	0.15	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6051.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	249.89
10-20	704.36
20-30	1022.93
30-40	1146.64
40-50	1072.37
50-60	860.23
60-70	591.59
70-80	316.15
80-90	87.57
90-100	0.15
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 : LRX5-4-L15-835-S-DMA-DRV-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	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	75	68	90	81	74	68	78	72	67	75	70	65	73	68	64	62
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54
5	78	66	58	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	73	60	51	45	71	59	51	45	57	50	45	56	49	44	54	48	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37
8	63	50	42	36	61	49	42	36	48	41	36	47	40	36	46	40	35	34
9	59	46	38	33	58	45	38	33	44	37	33	43	37	32	42	36	32	30
10	55	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	29	28

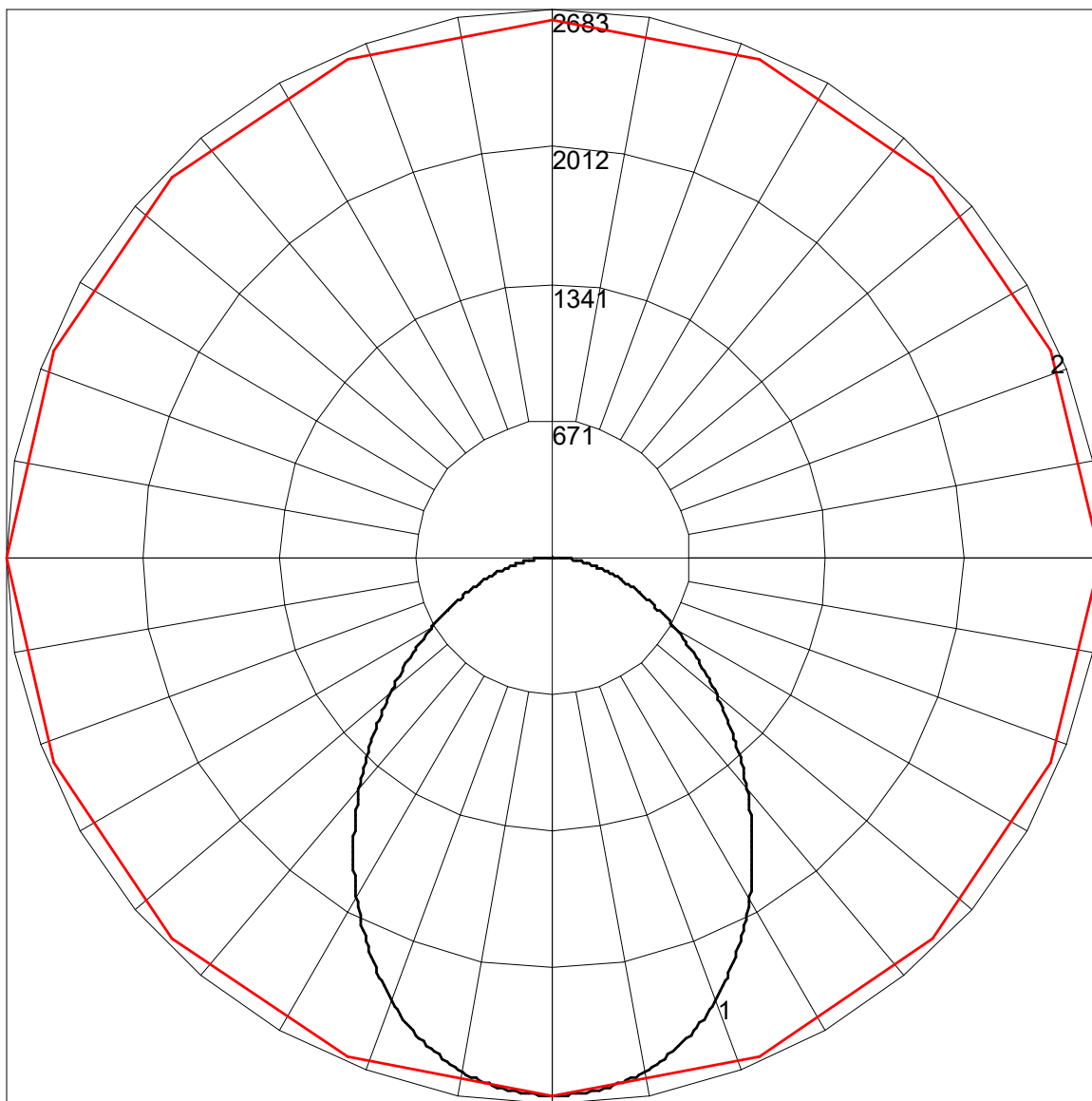
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-4-L15-835-S-DMA-DRV-UNV.IES

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	20.4	22.0	20.8	22.3	22.6	19.1	20.7	19.5	21.0	21.3
	3H	22.0	23.4	22.4	23.7	24.1	20.7	22.1	21.0	22.4	22.7
	4H	22.5	23.9	22.9	24.2	24.6	21.2	22.5	21.6	22.9	23.2
	6H	22.9	24.2	23.3	24.5	24.9	21.6	22.8	22.0	23.2	23.6
	8H	23.1	24.2	23.5	24.6	25.0	21.8	22.9	22.2	23.3	23.7
	12H	23.1	24.2	23.6	24.6	25.1	21.8	22.9	22.3	23.3	23.8
4H	2H	20.8	22.1	21.2	22.5	22.9	19.8	21.1	20.2	21.4	21.8
	3H	22.6	23.7	23.0	24.1	24.5	21.5	22.6	21.9	23.0	23.4
	4H	23.3	24.3	23.7	24.7	25.1	22.2	23.2	22.6	23.6	24.0
	6H	23.8	24.7	24.3	25.1	25.6	22.7	23.5	23.1	24.0	24.4
	8H	24.0	24.8	24.4	25.2	25.7	22.9	23.7	23.3	24.1	24.6
	12H	24.1	24.8	24.6	25.3	25.8	23.0	23.7	23.5	24.2	24.7
8H	4H	23.5	24.3	23.9	24.7	25.2	22.5	23.3	22.9	23.7	24.2
	6H	24.1	24.8	24.6	25.3	25.7	23.1	23.8	23.6	24.3	24.7
	8H	24.3	24.9	24.9	25.4	25.9	23.4	23.9	23.9	24.5	24.9
	12H	24.5	25.1	25.0	25.5	26.1	23.5	24.1	24.1	24.6	25.1
12H	4H	23.5	24.2	24.0	24.7	25.2	22.5	23.2	23.0	23.7	24.2
	6H	24.1	24.7	24.7	25.2	25.7	23.2	23.8	23.7	24.2	24.8
	8H	24.4	24.9	24.9	25.4	26.0	23.4	24.0	24.0	24.5	25.0

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 2682.618 Located At Horizontal Angle = 0, Vertical Angle = .5

1 - Vertical Plane Through Horizontal Angles (90 - 270)

2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)