



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-4-L15-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.02

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 31-AUG-2021

[MANUFAC] WILLIAMS INDOOR

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

[LUMCAT] LRX4-4-L15-835-DMA-DIM-UNV

[LUMINAIRE] White steel housing, frosted lens enclosure

[LAMP] 144 white LEDs

[BALLAST] (1) Everline D15CC55UNVPW-C Driver

[OTHER] 25.4 C, 120.044 V, 0.418395 A, 50.0171 W, 0.995845 PF, 60.0072

[MORE] Hz

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

[MORE] hod of absolute photometry.

[_SEARCH_SOURCE TYPE] 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	6022
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	52.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.94 ft
Luminous Width (90-270)	0.35 ft
Luminous Height	0.00 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-4-L15-835-DMA-DIM-UNV_.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	17412	14725	12715
55	15090	12181	10452
65	12707	10140	8944
75	10131	8394	7839
85	7494	7091	7127

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-4-L15-835-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	2693.236	2693.236	2693.236	2693.236	2693.236
0.5	2732.569	2694.272	2680.816	2690.131	2680.816
1.0	2732.569	2693.236	2680.816	2690.131	2680.816
1.5	2731.534	2693.236	2679.781	2690.131	2679.781
2.0	2731.534	2692.201	2678.746	2689.096	2678.746
2.5	2729.464	2690.131	2677.711	2688.061	2677.711
3.0	2728.429	2689.096	2676.675	2687.026	2675.640
3.5	2726.359	2687.026	2674.605	2684.956	2673.570
4.0	2725.323	2684.956	2672.535	2682.886	2671.500
4.5	2722.218	2681.851	2670.465	2680.816	2669.430
5.0	2719.113	2679.781	2667.360	2678.746	2665.290
5.5	2717.043	2676.675	2664.255	2674.605	2662.185
6.0	2714.973	2673.570	2661.149	2671.500	2659.079
6.5	2710.833	2670.465	2658.044	2667.360	2653.904
7.0	2707.727	2666.325	2653.904	2662.185	2649.764
7.5	2704.622	2662.185	2649.764	2658.044	2645.624
8.0	2700.482	2659.079	2644.588	2652.869	2641.483
8.5	2696.342	2653.904	2640.448	2646.659	2635.273
9.0	2691.166	2649.764	2634.238	2640.448	2629.063
9.5	2687.026	2644.588	2629.063	2634.238	2622.852
10.0	2681.851	2639.413	2622.852	2628.027	2615.607
10.5	2676.675	2633.203	2616.642	2619.747	2607.326
11.0	2671.500	2628.027	2609.396	2612.501	2599.046
11.5	2665.290	2621.817	2602.151	2604.221	2589.730
12.0	2659.079	2614.572	2594.905	2594.905	2581.450
12.5	2652.869	2608.361	2586.625	2586.625	2571.099
13.0	2645.624	2601.116	2579.379	2577.309	2561.783
13.5	2639.413	2593.870	2570.064	2566.959	2551.433
14.0	2631.133	2585.590	2561.783	2556.608	2541.082
14.5	2623.887	2577.309	2552.468	2545.222	2530.731
15.0	2615.607	2569.029	2542.117	2534.872	2518.311
15.5	2607.326	2560.748	2531.766	2523.486	2506.925
16.0	2598.011	2551.433	2521.416	2511.065	2494.504
16.5	2588.695	2542.117	2511.065	2498.644	2481.048
17.0	2580.415	2532.802	2499.680	2485.189	2467.593
17.5	2570.064	2522.451	2488.294	2471.733	2453.102
18.0	2560.748	2512.100	2475.873	2457.242	2437.576
18.5	2550.398	2501.750	2463.452	2442.751	2422.050
19.0	2540.047	2490.364	2451.032	2426.190	2405.489
19.5	2529.696	2478.978	2437.576	2409.629	2386.858
20.0	2519.346	2467.593	2423.085	2393.068	2369.261
20.5	2507.960	2455.172	2409.629	2375.472	2350.630
21.0	2496.574	2443.786	2394.103	2356.841	2330.964
21.5	2484.154	2431.365	2379.612	2338.210	2312.333
22.0	2471.733	2417.909	2364.086	2318.543	2290.597
22.5	2459.312	2404.454	2347.525	2298.877	2270.930
23.0	2446.891	2390.998	2331.999	2278.176	2249.194
23.5	2433.435	2376.507	2314.403	2258.510	2227.458
24.0	2419.980	2363.051	2297.842	2237.808	2205.721
24.5	2405.489	2347.525	2279.211	2217.107	2182.950
25.0	2390.998	2333.034	2261.615	2195.371	2160.179
25.5	2375.472	2317.508	2242.984	2173.634	2137.407
26.0	2360.981	2300.947	2224.352	2151.898	2114.636
26.5	2345.455	2285.421	2205.721	2131.197	2090.829

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-4-L15-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	2329.929	2268.860	2186.055	2108.425	2067.023
27.5	2314.403	2252.299	2166.389	2085.654	2042.181
28.0	2297.842	2234.703	2146.723	2062.883	2019.410
28.5	2281.281	2217.107	2127.056	2039.076	1994.568
29.0	2265.755	2199.511	2106.355	2015.270	1970.762
29.5	2248.159	2180.880	2085.654	1991.463	1945.920
30.0	2231.598	2163.284	2063.918	1966.622	1921.079
30.5	2212.967	2144.653	2042.181	1942.815	1895.202
31.0	2195.371	2124.986	2020.445	1916.938	1870.361
31.5	2177.775	2106.355	1998.709	1892.097	1844.484
32.0	2159.143	2086.689	1975.937	1866.220	1818.607
32.5	2140.512	2067.023	1953.166	1840.344	1792.731
33.0	2121.881	2047.357	1929.359	1815.502	1766.854
33.5	2102.215	2026.655	1906.588	1789.626	1739.943
34.0	2082.549	2006.989	1882.781	1762.714	1714.066
34.5	2062.883	1985.253	1857.940	1736.837	1687.154
35.0	2042.181	1964.551	1834.133	1710.961	1661.278
35.5	2021.480	1942.815	1810.327	1685.084	1635.401
36.0	2000.779	1922.114	1785.485	1659.208	1610.560
36.5	1979.042	1900.377	1761.679	1634.366	1584.683
37.0	1958.341	1877.606	1736.837	1608.489	1560.876
37.5	1936.605	1854.835	1711.996	1584.683	1535.000
38.0	1914.868	1833.098	1687.154	1559.841	1509.123
38.5	1893.132	1810.327	1663.348	1535.000	1483.247
39.0	1871.396	1787.555	1638.506	1510.158	1457.370
39.5	1848.624	1764.784	1613.665	1486.352	1431.493
40.0	1825.853	1740.978	1589.858	1461.510	1405.617
40.5	1804.117	1718.206	1565.017	1436.669	1379.740
41.0	1781.345	1694.400	1540.175	1410.792	1354.899
41.5	1758.574	1671.628	1516.369	1384.916	1330.057
42.0	1734.767	1648.857	1491.527	1360.074	1305.216
42.5	1713.031	1625.050	1467.721	1334.197	1281.409
43.0	1690.259	1601.244	1443.914	1309.356	1255.533
43.5	1666.453	1578.473	1419.073	1285.549	1232.761
44.0	1643.682	1554.666	1395.266	1261.743	1209.990
44.5	1619.875	1530.860	1371.460	1236.901	1187.218
45.0	1596.069	1508.088	1349.723	1213.095	1165.482
45.5	1573.297	1484.282	1326.952	1190.324	1142.711
46.0	1548.456	1460.475	1304.181	1167.552	1122.009
46.5	1524.649	1436.669	1281.409	1144.781	1100.273
47.0	1500.843	1412.862	1258.638	1123.044	1079.572
47.5	1477.036	1389.056	1235.866	1101.308	1058.870
48.0	1453.230	1365.249	1214.130	1080.607	1038.169
48.5	1428.388	1341.443	1190.324	1059.906	1018.296
49.0	1404.582	1317.636	1166.517	1039.204	998.319
49.5	1379.740	1293.830	1143.746	1019.331	978.549
50.0	1355.934	1270.024	1119.939	998.733	958.780
50.5	1332.127	1246.217	1098.203	978.549	939.217
51.0	1308.321	1223.446	1075.431	959.090	920.689
51.5	1284.514	1199.639	1052.660	939.838	901.851
52.0	1260.708	1175.833	1030.820	920.379	883.220
52.5	1236.901	1153.061	1008.566	900.920	865.210
53.0	1213.095	1130.290	986.934	882.496	846.682
53.5	1190.324	1107.518	965.922	864.692	828.258
54.0	1167.552	1085.782	945.324	845.958	810.662
54.5	1143.746	1064.046	925.347	827.741	793.480

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-4-L15-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1122.009	1041.274	905.681	809.731	777.126
55.5	1099.238	1020.056	886.325	791.720	760.462
56.0	1076.467	998.630	866.970	774.228	744.107
56.5	1053.695	977.514	848.028	757.149	728.271
57.0	1031.752	956.296	829.086	740.588	712.538
57.5	1009.808	935.387	810.455	724.338	697.219
58.0	987.658	914.893	792.652	708.398	682.107
58.5	966.232	894.606	774.745	692.458	667.202
59.0	944.392	874.008	756.321	676.725	652.401
59.5	923.070	854.031	738.208	661.406	638.013
60.0	901.437	834.572	720.612	646.190	623.523
60.5	880.322	815.630	703.222	631.182	609.342
61.0	858.793	797.103	685.833	616.484	595.265
61.5	837.781	779.196	668.962	601.890	581.188
62.0	817.183	761.290	651.780	587.502	567.422
62.5	796.896	743.590	634.805	573.218	553.759
63.0	776.298	726.097	618.244	559.142	540.407
63.5	756.114	708.398	602.097	545.375	527.572
64.0	736.138	689.767	586.260	531.919	514.737
64.5	715.954	670.307	570.838	518.671	502.317
65.0	696.184	651.055	555.519	505.629	489.999
65.5	676.518	631.907	540.200	492.690	477.786
66.0	656.955	613.482	525.088	479.752	465.779
66.5	637.910	594.851	510.183	467.021	453.979
67.0	618.968	576.220	495.485	454.290	442.076
67.5	600.234	557.796	481.098	441.765	430.380
68.0	581.602	539.786	466.710	429.138	418.166
68.5	562.971	521.983	452.323	416.510	406.263
69.0	544.444	505.008	437.936	403.882	394.463
69.5	525.916	488.757	423.859	391.358	382.560
70.0	507.595	472.610	409.885	379.144	370.863
70.5	489.585	456.567	396.119	367.137	359.478
71.0	471.886	440.937	382.560	355.337	348.299
71.5	454.497	424.997	369.207	343.641	337.120
72.0	437.315	408.954	355.959	332.049	326.252
72.5	420.339	392.807	343.020	320.766	315.280
73.0	403.675	377.281	330.185	309.588	304.516
73.5	387.321	362.065	317.661	298.616	293.958
74.0	371.070	346.850	305.551	287.851	283.504
74.5	355.337	331.842	293.544	277.190	273.360
75.0	339.915	317.144	281.641	266.632	263.010
75.5	324.389	302.963	269.738	256.178	252.763
76.0	309.484	289.197	258.041	245.828	242.723
76.5	294.786	275.638	246.552	235.684	232.889
77.0	280.399	262.389	235.477	225.644	223.056
77.5	266.425	249.243	224.505	215.707	213.327
78.0	252.452	236.512	213.637	205.874	203.701
78.5	238.789	223.988	202.976	196.041	194.178
79.0	225.437	211.567	192.522	186.415	184.759
79.5	212.085	199.457	182.378	176.789	175.443
80.0	199.146	187.657	172.442	167.370	166.231
80.5	186.519	176.168	162.609	158.054	157.123
81.0	174.201	164.782	152.982	148.946	148.221
81.5	162.091	153.707	143.356	139.837	139.216
82.0	150.084	142.839	133.937	130.729	130.315
82.5	138.285	132.074	124.622	121.827	121.620

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-4-L15-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	127.002	121.724	115.513	113.029	113.029
83.5	116.134	111.580	106.508	104.541	104.748
84.0	105.370	101.747	97.607	96.261	96.571
84.5	95.019	92.121	88.705	87.980	88.601
85.0	84.668	82.598	80.114	79.907	80.528
85.5	74.525	73.386	71.523	71.937	72.765
86.0	64.691	64.381	63.242	64.174	65.002
86.5	55.169	55.583	55.065	56.514	57.343
87.0	45.957	46.888	47.095	48.855	49.787
87.5	37.055	38.608	39.332	41.299	42.231
88.0	28.464	30.327	31.569	33.743	34.468
88.5	20.391	22.357	23.806	25.773	25.773
89.0	13.042	14.801	15.526	16.354	16.458
89.5	6.728	8.177	9.419	10.247	10.558
90.0	3.105	4.244	4.244	4.037	4.347
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 : LRX4-4-L15-835-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 : LRX4-4-L15-835-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 : LRX4-4-L15-835-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 : LRX4-4-L15-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	973.18	N.A.	16.20
0-30	2014.42	N.A.	33.50
0-40	3163.44	N.A.	52.50
0-60	5046.97	N.A.	83.80
0-80	5930.12	N.A.	98.50
0-90	6021.66	N.A.	100.00
10-90	5767.3	N.A.	95.80
20-40	2190.26	N.A.	36.40
20-50	3242.34	N.A.	53.80
40-70	2455.6	N.A.	40.80
60-80	883.16	N.A.	14.70
70-80	311.08	N.A.	5.20
80-90	91.53	N.A.	1.50
90-110	0.11	N.A.	0.00
90-120	0.11	N.A.	0.00
90-130	0.11	N.A.	0.00
90-150	0.11	N.A.	0.00
90-180	0.11	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6021.77	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	254.36
10-20	718.82
20-30	1041.25
30-40	1149.02
40-50	1052.08
50-60	831.44
60-70	572.08
70-80	311.08
80-90	91.53
90-100	0.11
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 : LRX4-4-L15-835-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	123	123	123	123	120	120	120	120	115	115	115	110	110	110	106	106	106	104
1	113	109	105	101	111	107	103	100	102	99	96	98	96	93	95	93	91	89
2	104	96	90	84	101	94	88	83	91	86	81	87	83	79	84	81	78	75
3	96	85	77	71	93	84	76	71	81	74	69	78	73	68	75	71	67	65
4	88	76	68	61	86	75	67	61	72	66	60	70	64	59	68	63	58	56
5	81	69	60	54	79	68	59	53	65	58	53	63	57	52	62	56	52	49
6	75	62	54	47	74	61	53	47	60	52	47	58	51	46	56	50	46	44
7	70	57	48	42	68	56	48	42	54	47	42	53	46	41	52	46	41	39
8	66	52	44	38	64	51	43	38	50	43	38	49	42	37	48	42	37	35
9	61	48	40	34	60	47	40	34	46	39	34	45	39	34	44	38	34	32
10	58	45	37	31	56	44	36	31	43	36	31	42	36	31	41	35	31	29

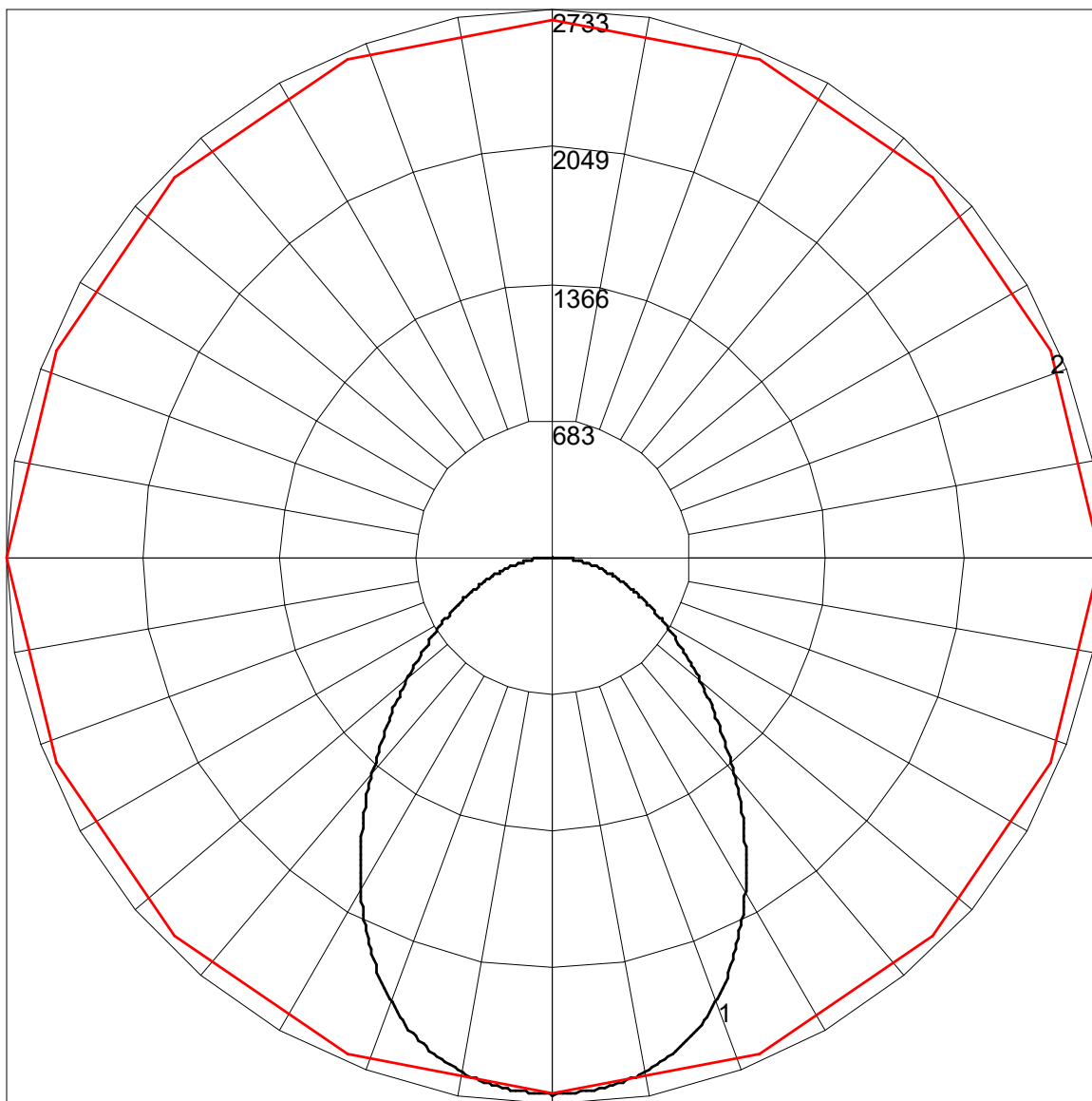
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4-4-L15-835-DMA-DIM-UNV_.IES

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					UGR Viewed Endwise				
X=2H	Y=2H	21.0	22.6	21.4	22.9	23.2	19.1	20.7	19.5	21.0	21.3
	3H	22.6	24.0	23.0	24.3	24.7	20.7	22.1	21.1	22.4	22.8
	4H	23.2	24.5	23.6	24.8	25.2	21.3	22.6	21.7	23.0	23.3
	6H	23.6	24.8	24.0	25.2	25.5	21.8	23.0	22.2	23.4	23.7
	8H	23.7	24.9	24.1	25.2	25.6	21.9	23.1	22.4	23.5	23.9
	12H	23.8	24.9	24.2	25.3	25.7	22.1	23.2	22.5	23.6	24.0
4H	2H	21.4	22.7	21.8	23.0	23.4	19.8	21.1	20.2	21.5	21.8
	3H	23.2	24.3	23.6	24.7	25.1	21.6	22.7	22.0	23.1	23.5
	4H	23.9	24.9	24.3	25.3	25.7	22.3	23.3	22.7	23.7	24.1
	6H	24.4	25.3	24.9	25.7	26.2	22.9	23.8	23.4	24.2	24.7
	8H	24.6	25.4	25.1	25.8	26.3	23.1	23.9	23.6	24.4	24.8
	12H	24.7	25.4	25.2	25.9	26.4	23.3	24.0	23.8	24.5	25.0
8H	4H	24.1	24.8	24.5	25.3	25.8	22.6	23.4	23.1	23.9	24.4
	6H	24.7	25.4	25.2	25.8	26.3	23.4	24.0	23.9	24.5	25.0
	8H	24.9	25.5	25.4	26.0	26.5	23.7	24.3	24.2	24.8	25.2
	12H	25.1	25.7	25.6	26.2	26.7	23.9	24.4	24.4	24.9	25.5
12H	4H	24.0	24.8	24.5	25.2	25.7	22.7	23.4	23.1	23.9	24.3
	6H	24.7	25.3	25.3	25.8	26.3	23.4	24.0	24.0	24.5	25.0
	8H	25.0	25.5	25.5	26.0	26.6	23.8	24.3	24.3	24.8	25.4

Maximum UGR = 26.7

POLAR GRAPH



Maximum Candela = 2732.569 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.)