



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-4-L15-835-AF12125-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.03

[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-AF12125-DIM-UNV

[LUMINAIRE] White steel housing, frosted prismatic lens enclosure

[LAMP] 144 white LEDs

[BALLAST] (1) Everline D15CC55UNVPW-C Driver

[OTHER] 25.5 C, 120.035 V, 0.418079 A, 49.9749 W, 0.995831 PF, 60.0071

[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	5813
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	52.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.20
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-AF12125-DIM-UNV_.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15820	13799	12489
55	13374	11460	10491
65	11287	9789	9484
75	9709	9092	9514
85	9592	9583	10847

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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	2675.677	2675.677	2675.677	2675.677	2675.677
0.5	2713.975	2675.677	2663.256	2672.572	2664.291
1.0	2713.975	2675.677	2663.256	2671.536	2663.256
1.5	2712.940	2674.642	2662.221	2671.536	2662.221
2.0	2710.869	2672.572	2661.186	2670.501	2661.186
2.5	2710.869	2671.536	2659.116	2668.431	2659.116
3.0	2707.764	2669.466	2657.045	2667.396	2656.010
3.5	2705.694	2667.396	2654.975	2664.291	2653.940
4.0	2703.624	2665.326	2651.870	2662.221	2649.800
4.5	2701.554	2661.186	2648.765	2659.116	2646.695
5.0	2697.413	2658.080	2645.659	2653.940	2642.554
5.5	2695.343	2653.940	2641.519	2649.800	2638.414
6.0	2691.203	2650.835	2637.379	2644.624	2633.239
6.5	2686.028	2646.695	2632.203	2639.449	2627.028
7.0	2682.922	2641.519	2627.028	2634.274	2621.853
7.5	2677.747	2637.379	2621.853	2627.028	2615.642
8.0	2672.572	2632.203	2615.642	2619.783	2609.432
8.5	2667.396	2625.993	2609.432	2612.537	2601.151
9.0	2662.221	2620.818	2603.221	2604.256	2592.871
9.5	2656.010	2613.572	2595.976	2595.976	2584.590
10.0	2650.835	2607.362	2587.695	2586.660	2574.239
10.5	2643.589	2601.151	2579.414	2578.379	2564.923
11.0	2637.379	2593.906	2571.134	2568.029	2554.573
11.5	2629.098	2585.625	2561.818	2557.678	2543.187
12.0	2621.853	2577.344	2552.502	2547.327	2531.801
12.5	2614.607	2569.064	2543.187	2535.941	2519.380
13.0	2605.291	2560.783	2532.836	2524.555	2507.994
13.5	2598.046	2551.467	2522.485	2512.134	2495.573
14.0	2588.730	2542.152	2512.134	2499.713	2483.152
14.5	2579.414	2531.801	2500.749	2486.257	2469.696
15.0	2569.064	2521.450	2488.328	2473.837	2456.240
15.5	2559.748	2511.099	2476.942	2460.381	2442.784
16.0	2548.362	2499.713	2464.521	2445.889	2427.258
16.5	2539.046	2488.328	2450.030	2431.398	2411.732
17.0	2528.696	2476.942	2436.574	2415.872	2396.206
17.5	2516.275	2464.521	2423.118	2400.346	2379.644
18.0	2504.889	2453.135	2409.662	2383.785	2363.083
18.5	2492.468	2440.714	2394.136	2366.188	2345.487
19.0	2481.082	2427.258	2379.644	2349.627	2326.855
19.5	2468.661	2413.802	2364.118	2330.996	2308.224
20.0	2455.205	2400.346	2347.557	2312.364	2288.558
20.5	2441.749	2385.855	2330.996	2293.733	2267.856
21.0	2428.293	2371.364	2314.435	2274.066	2248.190
21.5	2413.802	2356.873	2297.873	2254.400	2227.488
22.0	2399.311	2341.347	2280.277	2234.734	2206.786
22.5	2384.820	2325.820	2262.681	2214.032	2186.085
23.0	2369.294	2310.294	2245.084	2193.330	2163.313
23.5	2353.767	2293.733	2226.453	2171.594	2142.612
24.0	2338.241	2277.172	2206.786	2150.892	2120.875
24.5	2322.715	2260.610	2188.155	2129.156	2098.103
25.0	2305.119	2243.014	2168.489	2107.419	2076.367
25.5	2289.593	2225.418	2148.822	2085.682	2053.595
26.0	2271.996	2206.786	2129.156	2063.946	2030.823
26.5	2255.435	2189.190	2108.454	2041.174	2008.051

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-4-L15-835-AF12125-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	2237.839	2169.524	2087.752	2018.402	1985.280
27.5	2219.207	2150.892	2067.051	1996.666	1962.508
28.0	2201.611	2131.226	2046.349	1973.894	1938.701
28.5	2182.980	2112.594	2024.613	1951.122	1915.929
29.0	2164.348	2092.928	2003.911	1927.315	1892.123
29.5	2144.682	2073.261	1982.174	1904.544	1868.316
30.0	2123.980	2052.560	1959.403	1880.737	1845.544
30.5	2105.349	2032.893	1937.666	1856.930	1821.737
31.0	2084.647	2012.192	1914.894	1833.123	1797.931
31.5	2064.981	1991.490	1892.123	1810.352	1774.124
32.0	2043.244	1970.789	1869.351	1785.510	1749.282
32.5	2022.543	1949.052	1846.579	1761.703	1725.475
33.0	2001.841	1928.350	1823.808	1737.896	1700.633
33.5	1981.139	1905.579	1800.001	1713.054	1676.826
34.0	1959.403	1884.877	1777.229	1689.247	1651.985
34.5	1937.666	1862.105	1754.457	1665.441	1628.178
35.0	1914.894	1840.369	1730.650	1641.634	1604.371
35.5	1894.193	1817.597	1706.844	1616.792	1579.529
36.0	1871.421	1794.825	1683.037	1592.985	1556.757
36.5	1849.684	1771.019	1659.230	1568.143	1531.916
37.0	1826.913	1748.247	1635.423	1544.336	1508.109
37.5	1804.141	1725.475	1612.652	1520.530	1484.302
38.0	1781.369	1701.668	1588.845	1496.723	1460.495
38.5	1758.598	1678.897	1565.038	1471.881	1436.688
39.0	1735.826	1655.090	1541.231	1448.074	1412.882
39.5	1712.019	1632.318	1517.424	1424.267	1390.110
40.0	1688.212	1609.546	1494.653	1400.461	1366.303
40.5	1663.370	1585.740	1470.846	1376.654	1342.496
41.0	1640.599	1561.933	1447.039	1353.882	1320.760
41.5	1616.792	1539.161	1424.267	1331.110	1297.988
42.0	1592.985	1516.389	1401.496	1308.339	1275.216
42.5	1569.178	1492.583	1377.689	1285.567	1252.444
43.0	1545.372	1469.811	1354.917	1262.795	1230.708
43.5	1521.565	1446.004	1332.145	1241.059	1208.971
44.0	1497.758	1423.232	1309.374	1219.322	1187.235
44.5	1473.951	1399.426	1286.602	1197.585	1165.498
45.0	1450.144	1376.654	1264.865	1175.849	1144.796
45.5	1427.373	1352.847	1242.094	1154.112	1124.095
46.0	1403.566	1330.075	1220.357	1133.410	1104.428
46.5	1380.794	1306.268	1197.585	1111.674	1082.692
47.0	1356.987	1283.497	1175.849	1090.972	1063.025
47.5	1334.216	1260.725	1153.077	1071.306	1042.324
48.0	1311.444	1237.953	1132.375	1051.639	1022.864
48.5	1287.637	1215.182	1110.639	1031.766	1003.612
49.0	1264.865	1192.410	1089.937	1011.582	984.980
49.5	1241.059	1170.673	1068.201	991.915	966.038
50.0	1218.287	1147.902	1047.499	972.352	947.821
50.5	1194.480	1126.165	1027.211	953.617	929.500
51.0	1171.708	1104.428	1006.613	934.675	911.904
51.5	1148.937	1082.692	986.222	916.458	894.618
52.0	1126.165	1060.955	966.245	898.344	877.539
52.5	1103.393	1039.218	946.372	880.541	860.357
53.0	1080.621	1017.689	926.705	862.945	843.692
53.5	1058.885	996.884	907.349	845.762	827.234
54.0	1037.148	976.493	888.615	828.580	811.294
54.5	1015.515	955.998	870.190	812.122	795.664

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-4-L15-835-AF12125-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

55.0	994.399	935.918	852.076	795.768	780.035
55.5	973.180	916.044	834.169	779.724	764.716
56.0	952.686	896.378	816.159	763.681	749.500
56.5	932.295	876.815	798.149	748.154	734.802
57.0	912.421	857.355	780.345	733.042	720.311
57.5	892.962	838.620	763.060	718.241	706.130
58.0	873.709	819.678	746.084	703.750	692.260
58.5	854.560	801.254	729.316	689.465	678.597
59.0	835.308	782.726	712.858	675.388	664.934
59.5	815.952	764.819	696.504	661.622	651.789
60.0	797.217	747.326	680.460	647.959	638.540
60.5	779.000	730.041	664.727	634.606	625.705
61.0	760.265	713.169	649.408	621.461	613.077
61.5	742.254	695.883	634.296	608.626	600.552
62.0	723.934	678.804	619.494	595.791	588.235
62.5	705.923	662.139	604.796	583.163	576.124
63.0	687.913	645.992	590.409	570.949	564.221
63.5	670.213	629.638	576.538	558.942	552.628
64.0	652.720	613.387	562.772	547.246	541.449
64.5	635.434	597.551	549.523	535.756	530.477
65.0	618.356	582.128	536.274	524.371	519.609
65.5	601.587	566.705	523.335	513.192	509.051
66.0	584.923	551.593	510.397	502.220	498.597
66.5	568.568	536.688	497.666	491.248	488.246
67.0	552.628	521.990	485.245	480.380	477.896
67.5	536.998	507.395	473.134	469.511	467.648
68.0	521.369	493.215	461.024	458.850	456.987
68.5	506.257	479.448	449.120	447.982	446.636
69.0	491.145	465.475	436.803	437.320	435.975
69.5	476.136	451.398	424.900	426.452	425.521
70.0	461.438	437.735	413.203	415.791	415.273
70.5	446.947	424.589	401.610	405.337	405.026
71.0	432.559	411.340	390.224	394.882	394.882
71.5	418.482	398.195	378.942	384.531	385.049
72.0	404.509	385.463	367.867	374.284	375.423
72.5	390.845	372.835	356.895	364.244	365.797
73.0	377.389	360.414	346.234	354.204	356.274
73.5	364.037	348.407	335.779	344.370	346.958
74.0	351.098	336.711	325.325	334.537	337.746
74.5	338.264	325.118	315.181	324.807	328.534
75.0	325.739	313.629	305.038	315.078	319.218
75.5	313.525	302.346	294.997	305.245	309.902
76.0	301.415	291.167	285.164	295.618	300.587
76.5	289.511	280.403	275.227	285.992	291.374
77.0	277.918	269.638	265.601	276.573	282.059
77.5	266.636	259.080	255.975	267.050	272.950
78.0	255.457	248.419	246.349	257.527	263.841
78.5	244.382	237.964	236.619	248.005	254.526
79.0	233.410	227.510	226.993	238.689	245.003
79.5	222.542	217.056	217.366	229.373	235.480
80.0	211.880	206.705	207.740	220.058	225.958
80.5	201.323	196.561	198.217	210.949	216.331
81.0	190.868	186.418	188.591	201.737	206.705
81.5	180.518	176.377	178.965	192.421	196.872
82.0	170.167	166.234	169.028	183.002	186.728
82.5	159.920	156.297	159.195	173.479	176.584

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

83.0	149.672	146.257	149.258	163.853	166.234
83.5	139.425	136.320	139.218	154.020	155.779
84.0	129.281	126.280	129.074	144.083	145.118
84.5	118.930	116.136	118.723	133.836	133.939
85.0	108.373	105.992	108.269	123.071	122.553
85.5	97.711	95.848	97.608	111.995	111.064
86.0	86.843	85.704	86.947	100.506	99.264
86.5	75.975	75.457	76.182	88.603	87.257
87.0	64.796	65.003	65.417	76.285	75.250
87.5	53.514	54.342	54.549	63.450	62.829
88.0	42.024	43.059	43.370	50.098	50.408
88.5	30.328	31.363	31.777	35.917	36.642
89.0	18.631	19.459	19.459	20.598	20.909
89.5	8.281	9.523	9.626	9.212	8.798
90.0	2.484	3.623	3.105	3.002	3.002
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 : LRX4-4-L15-835-AF12125-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-AF12125-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-AF12125-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	954.58	N.A.	16.40
0-30	1954.76	N.A.	33.60
0-40	3042.68	N.A.	52.30
0-60	4808.59	N.A.	82.70
0-80	5692.3	N.A.	97.90
0-90	5812.42	N.A.	100.00
10-90	5560.63	N.A.	95.70
20-40	2088.1	N.A.	35.90
20-50	3074.97	N.A.	52.90
40-70	2316.19	N.A.	39.80
60-80	883.71	N.A.	15.20
70-80	333.43	N.A.	5.70
80-90	120.12	N.A.	2.10
90-110	0.09	N.A.	0.00
90-120	0.09	N.A.	0.00
90-130	0.09	N.A.	0.00
90-150	0.09	N.A.	0.00
90-180	0.09	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	5812.5	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	251.79
10-20	702.79
20-30	1000.18
30-40	1087.92
40-50	986.88
50-60	779.03
60-70	550.28
70-80	333.43
80-90	120.12
90-100	0.09
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-AF12125-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	103
1	113	109	104	101	110	106	102	99	102	99	96	98	95	93	94	92	90	88
2	104	96	89	83	101	94	88	82	90	85	81	87	82	79	84	80	77	75
3	95	85	77	71	93	83	76	70	80	74	69	77	72	68	75	70	66	64
4	88	76	67	61	85	75	67	60	72	65	60	70	64	59	68	62	58	56
5	81	69	60	53	79	67	59	53	65	58	52	63	57	52	61	56	51	49
6	75	62	53	47	73	61	53	47	59	52	46	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	65	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-AF12125-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	20.4	21.9	20.8	22.3	22.6	19.2	20.8	19.6	21.1	21.4
	3H	22.0	23.4	22.4	23.7	24.1	21.1	22.5	21.4	22.8	23.1
	4H	22.6	24.0	23.0	24.3	24.7	21.8	23.2	22.2	23.5	23.9
	6H	23.2	24.4	23.6	24.8	25.2	22.6	23.8	23.0	24.1	24.5
	8H	23.4	24.5	23.8	24.9	25.3	22.9	24.0	23.3	24.4	24.8
	12H	23.5	24.7	24.0	25.0	25.5	23.1	24.2	23.5	24.6	25.0

UGR Viewed Endwise

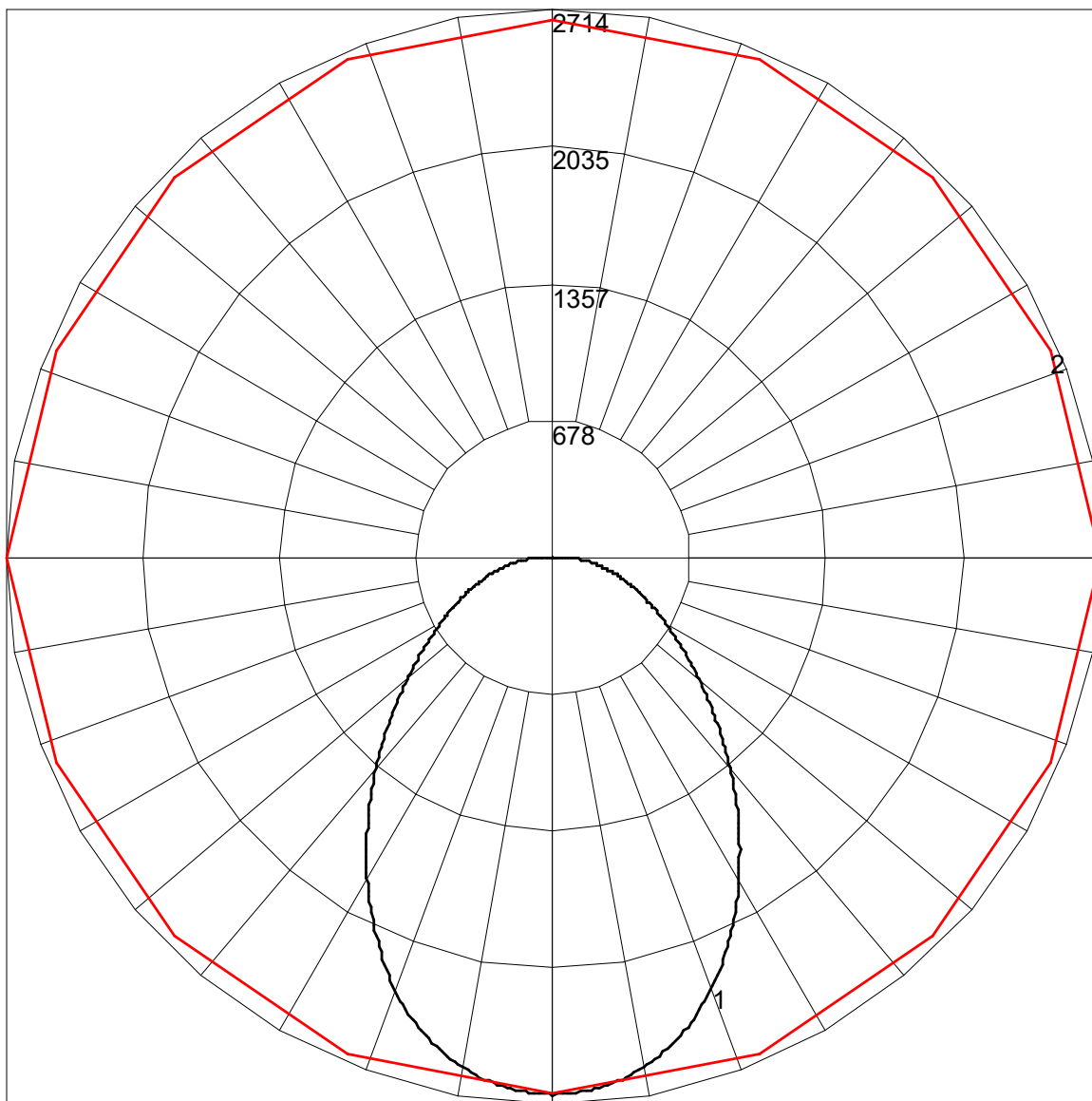
4H	2H	20.8	22.1	21.2	22.5	22.9	19.9	21.2	20.3	21.5	21.9
	3H	22.7	23.8	23.1	24.2	24.6	21.9	23.0	22.3	23.4	23.8
	4H	23.5	24.5	23.9	24.9	25.3	22.9	23.9	23.3	24.3	24.7
	6H	24.1	25.0	24.6	25.5	25.9	23.7	24.6	24.2	25.1	25.5
	8H	24.4	25.2	24.9	25.7	26.1	24.1	24.9	24.6	25.4	25.8
	12H	24.6	25.4	25.1	25.9	26.3	24.4	25.2	24.9	25.6	26.1

8H	4H	23.7	24.6	24.2	25.0	25.5	23.2	24.0	23.7	24.5	24.9
	6H	24.6	25.2	25.1	25.7	26.2	24.3	24.9	24.7	25.4	25.9
	8H	24.9	25.5	25.4	26.1	26.5	24.7	25.3	25.2	25.9	26.3
	12H	25.3	25.8	25.8	26.3	26.9	25.2	25.7	25.7	26.2	26.8

12H	4H	23.8	24.5	24.3	25.0	25.5	23.3	24.0	23.7	24.5	24.9
	6H	24.7	25.3	25.2	25.7	26.3	24.3	25.0	24.9	25.4	26.0
	8H	25.1	25.6	25.6	26.1	26.7	24.9	25.4	25.4	25.9	26.5

Maximum UGR = 26.9

POLAR GRAPH



Maximum Candela = 2713.975 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.)