

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL 14716274.02 & 13638856.02

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 18 Jul, 2023

[TEST DATE] 3/13/2023

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4-8-L8/935L-L10/935P-(2)-DMA-BSBL-DA-UNV (all sections on)

[LUMINAIRE] RECESSED 8' FIXTURE WITH (2) 6" LOUVERS AT ENDS

[LAMP] 96 LEDS (4 modules of 24)

[BALLAST] ULT D10CC30UNVPW-C

[OTHER] 24.8 C, 120.032 V, 0.200549 A, 23.9706 W, 0.995776 PF, 60.0073

[MORE] Hz

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

[MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5370
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	70.8706
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.08
Spacing Criterion (90-270)	1.00
Spacing Criterion (Diagonal)	1.10
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	7.92 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7413	6481	5726
55	6341	5119	4393
65	5318	4231	3741
75	4229	3499	3271
85	3130	2957	2975

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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	2964.508	2964.508	2964.508	2964.508	2964.508
0.5	3006.932	2962.921	2946.842	2965.766	2953.842
1.0	3006.332	2961.408	2945.742	2964.466	2952.142
1.5	3004.918	2960.208	2943.628	2962.566	2948.828
2.0	3004.218	2957.394	2940.914	2959.252	2945.114
2.5	3001.591	2953.866	2937.701	2955.339	2940.201
3.0	2998.877	2950.552	2933.587	2951.125	2934.573
3.5	2994.649	2945.225	2928.659	2945.697	2928.445
4.0	2990.635	2939.597	2922.832	2939.870	2922.218
4.5	2984.294	2932.556	2917.004	2933.742	2915.590
5.0	2976.253	2925.428	2909.563	2927.714	2906.735
5.5	2966.825	2916.487	2901.821	2918.759	2899.294
6.0	2956.997	2906.645	2893.580	2911.118	2891.352
6.5	2945.242	2896.304	2884.538	2902.163	2881.483
7.0	2933.701	2884.449	2874.383	2891.994	2872.728
7.5	2922.459	2871.994	2863.528	2882.238	2863.073
8.0	2910.204	2860.052	2851.259	2871.669	2853.918
8.5	2897.649	2846.283	2839.504	2860.087	2842.635
9.0	2884.180	2833.228	2825.321	2848.104	2831.452
9.5	2871.325	2819.359	2811.952	2836.221	2819.769
10.0	2857.556	2805.390	2797.269	2823.838	2807.073
10.5	2843.387	2790.307	2782.286	2809.528	2793.862
11.0	2829.218	2775.938	2766.790	2795.831	2780.152
11.5	2814.235	2760.755	2750.893	2781.121	2765.628
12.0	2798.952	2744.459	2734.797	2765.597	2751.817
12.5	2783.769	2728.876	2717.986	2750.486	2735.979
13.0	2767.273	2712.279	2701.890	2734.662	2720.955
13.5	2751.490	2695.983	2684.165	2717.924	2705.017
14.0	2733.780	2678.672	2667.155	2701.086	2689.079
14.5	2717.183	2661.562	2649.331	2683.034	2672.141
15.0	2699.373	2644.352	2630.693	2665.596	2653.375
15.5	2681.462	2626.941	2611.955	2646.644	2635.324
16.0	2662.938	2608.817	2593.117	2626.279	2616.158
16.5	2643.914	2590.293	2574.279	2605.613	2595.379
17.0	2626.003	2571.869	2554.727	2583.834	2574.299
17.5	2606.365	2552.631	2535.175	2561.854	2552.006
18.0	2587.941	2533.293	2514.610	2538.661	2529.199
18.5	2568.403	2513.955	2494.144	2515.068	2506.192
19.0	2548.865	2493.703	2473.478	2489.947	2482.271
19.5	2529.227	2473.451	2452.099	2464.826	2456.723
20.0	2509.489	2453.199	2429.706	2439.806	2432.188
20.5	2488.837	2431.934	2407.726	2413.871	2406.640
21.0	2468.386	2411.282	2384.119	2387.123	2380.478
21.5	2446.920	2390.116	2361.526	2360.374	2355.029
22.0	2425.354	2367.737	2338.019	2332.912	2327.239
22.5	2403.989	2345.557	2313.398	2305.250	2301.177
23.0	2382.423	2323.378	2289.591	2277.274	2273.187
23.5	2360.044	2300.685	2263.957	2250.012	2245.098
24.0	2337.664	2278.805	2239.336	2222.136	2216.708
24.5	2314.471	2255.298	2212.888	2194.360	2187.604
25.0	2290.978	2232.805	2187.553	2165.870	2158.201
25.5	2266.771	2209.398	2161.405	2137.480	2128.897
26.0	2243.578	2185.277	2135.256	2109.290	2099.493
26.5	2219.371	2161.870	2109.408	2081.714	2069.376

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.IES****CANDELA TABULATION - (Cont.)**

27.0	2195.364	2137.650	2082.946	2052.711	2039.359
27.5	2171.357	2113.729	2056.483	2023.607	2008.527
28.0	2146.836	2088.994	2030.121	1994.403	1979.424
28.5	2122.215	2064.460	2004.059	1964.486	1948.693
29.0	2098.408	2039.825	1977.283	1934.569	1918.975
29.5	2073.174	2014.477	1950.607	1904.651	1888.444
30.0	2048.753	1990.142	1923.117	1873.920	1858.013
30.5	2022.904	1964.994	1895.827	1844.203	1826.568
31.0	1997.770	1939.031	1868.538	1812.958	1795.937
31.5	1973.035	1913.983	1841.548	1782.626	1764.692
32.0	1947.487	1888.321	1813.744	1751.681	1733.247
32.5	1922.038	1862.659	1786.141	1720.736	1702.002
33.0	1896.490	1837.096	1757.923	1690.705	1670.957
33.5	1870.228	1810.820	1730.520	1660.060	1638.898
34.0	1843.866	1785.458	1702.502	1628.801	1608.053
34.5	1817.703	1758.668	1673.771	1598.456	1576.194
35.0	1790.827	1732.792	1646.054	1568.411	1545.649
35.5	1763.851	1706.303	1618.636	1538.466	1515.104
36.0	1737.275	1680.727	1590.505	1508.721	1485.673
36.5	1709.986	1654.437	1563.288	1479.890	1455.728
37.0	1683.610	1627.433	1535.356	1450.545	1427.610
37.5	1656.520	1600.630	1507.725	1423.028	1397.965
38.0	1629.630	1574.740	1480.194	1394.997	1368.620
38.5	1603.140	1548.136	1453.777	1366.965	1339.575
39.0	1576.750	1521.833	1426.645	1339.334	1310.630
39.5	1549.547	1495.729	1399.814	1312.617	1281.985
40.0	1523.053	1469.012	1373.797	1285.486	1253.340
40.5	1498.403	1443.468	1347.266	1258.454	1224.995
41.0	1474.300	1417.271	1320.834	1230.909	1197.564
41.5	1450.646	1392.347	1295.517	1203.564	1170.333
42.0	1426.279	1367.953	1269.556	1177.233	1143.202
42.5	1403.619	1343.286	1244.598	1150.288	1117.184
43.0	1380.165	1319.149	1219.831	1124.307	1089.639
43.5	1356.058	1296.075	1194.490	1099.470	1064.906
44.0	1332.774	1272.438	1170.232	1074.742	1040.452
44.5	1309.017	1249.060	1146.155	1049.441	1016.209
45.0	1285.550	1226.867	1123.915	1025.194	993.019
45.5	1263.056	1204.059	1101.102	1002.020	969.155
46.0	1239.605	1181.382	1078.468	979.146	947.269
46.5	1218.497	1158.834	1056.104	956.493	924.739
47.0	1198.930	1136.617	1033.991	934.963	903.043
47.5	1179.493	1114.980	1012.127	913.593	881.407
48.0	1160.065	1093.602	991.317	893.257	859.841
48.5	1139.874	1072.455	969.090	873.111	839.016
49.0	1120.457	1051.917	947.233	853.055	818.180
49.5	1100.315	1031.880	926.409	833.840	797.647
50.0	1080.998	1012.263	905.112	814.106	777.243
50.5	1061.691	992.885	885.652	794.867	757.692
51.0	1042.393	974.442	865.518	776.377	739.345
51.5	1023.166	955.134	845.535	758.100	721.474
52.0	1003.888	935.897	826.503	739.851	705.066
52.5	984.671	917.453	807.287	721.932	689.445
53.0	965.494	899.080	788.738	705.156	674.258
53.5	947.120	880.686	770.858	689.089	659.323
54.0	928.716	863.136	753.414	673.019	645.138
54.5	909.569	845.596	736.547	657.746	631.249

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55.0	892.049	827.283	720.085	642.986	617.981
55.5	873.736	810.190	703.987	628.436	604.569
56.0	855.402	792.964	688.009	614.392	591.371
56.5	837.128	775.973	672.476	600.665	578.600
57.0	819.486	758.960	657.034	587.374	565.960
57.5	801.883	742.171	641.945	574.307	553.626
58.0	784.108	725.718	627.628	561.515	541.444
58.5	766.932	709.437	613.249	548.732	529.485
59.0	749.421	692.953	598.474	536.112	517.558
59.5	732.377	676.986	584.002	523.888	506.016
60.0	715.048	661.417	569.948	511.705	494.413
60.5	698.197	646.234	556.016	499.725	483.054
61.0	680.960	631.417	542.124	487.979	471.776
61.5	664.170	617.119	528.689	476.365	460.529
62.0	647.695	602.800	515.050	464.853	449.475
62.5	631.505	588.644	501.574	453.472	438.603
63.0	615.080	574.681	488.373	442.275	427.905
63.5	598.941	560.575	475.517	431.301	417.694
64.0	583.005	545.746	462.916	420.602	407.473
64.5	566.935	530.247	450.701	410.045	397.497
65.0	551.162	514.930	438.536	399.691	387.703
65.5	535.520	499.695	426.382	389.399	378.000
66.0	519.949	485.059	414.401	379.126	368.420
66.5	504.745	470.241	402.582	369.017	359.063
67.0	489.702	455.432	390.976	358.917	349.574
67.5	474.803	440.827	379.574	349.010	340.268
68.0	460.044	426.537	368.182	339.071	330.535
68.5	445.216	412.429	356.811	329.043	321.077
69.0	430.519	398.933	345.419	319.015	311.699
69.5	415.822	386.086	334.311	309.028	302.270
70.0	401.278	373.281	323.275	299.385	292.955
70.5	386.977	360.567	312.381	289.885	283.953
71.0	372.931	348.179	301.680	280.588	275.114
71.5	359.180	335.566	291.142	271.332	266.255
72.0	345.570	322.902	280.676	262.167	257.620
72.5	332.104	310.107	270.453	253.217	248.953
73.0	318.912	297.820	260.332	244.368	240.440
73.5	305.984	285.767	250.545	235.671	232.099
74.0	293.087	273.754	240.934	227.188	223.830
74.5	280.638	261.874	231.414	218.746	215.815
75.0	268.452	250.258	222.095	210.385	207.627
75.5	256.165	239.039	212.706	202.136	199.490
76.0	244.386	228.156	203.420	193.947	191.576
76.5	232.780	217.475	194.357	185.942	183.805
77.0	221.408	206.988	185.630	177.998	176.034
77.5	210.332	196.623	176.983	170.166	168.354
78.0	199.296	186.583	168.408	162.395	160.746
78.5	188.524	176.666	160.036	154.624	153.229
79.0	177.956	166.861	151.827	146.995	145.733
79.5	167.408	157.359	143.792	139.407	138.379
80.0	157.195	148.002	136.129	131.961	131.136
80.5	147.227	138.949	128.408	124.647	123.915
81.0	137.523	129.977	120.810	117.436	116.896
81.5	127.961	121.259	113.201	110.264	109.816
82.0	118.491	112.664	105.626	103.093	102.777
82.5	109.204	104.181	98.262	96.084	95.921

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.IES****CANDELA TABULATION - (Cont.)**

83.0	100.283	96.023	91.070	89.367	89.157
83.5	91.718	88.028	83.990	82.744	82.657
84.0	83.205	80.267	76.971	76.193	76.208
84.5	75.057	72.698	69.973	69.583	69.951
85.0	66.899	65.191	63.208	63.095	63.594
85.5	58.894	57.938	56.454	56.809	57.500
86.0	51.172	50.828	49.933	50.676	51.377
86.5	43.666	43.881	43.524	44.653	45.375
87.0	36.373	37.025	37.218	38.601	39.374
87.5	29.384	30.515	31.114	32.701	33.483
88.0	22.640	24.004	24.991	26.750	27.340
88.5	16.252	17.708	18.897	20.474	20.514
89.0	10.494	11.747	12.387	13.058	13.209
89.5	5.520	6.529	7.576	8.267	8.531
90.0	2.441	3.337	3.337	3.174	3.418
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 : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.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 : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.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 : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.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 : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1020.26	N.A.	19.00
0-30	2030.75	N.A.	37.80
0-40	3063.28	N.A.	57.00
0-60	4599.28	N.A.	85.70
0-80	5297.18	N.A.	98.70
0-90	5369.46	N.A.	100.00
10-90	5093.77	N.A.	94.90
20-40	2043.02	N.A.	38.00
20-50	2916.9	N.A.	54.30
40-70	1988.41	N.A.	37.00
60-80	697.90	N.A.	13.00
70-80	245.50	N.A.	4.60
80-90	72.28	N.A.	1.30
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	5369.54	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	275.68
10-20	744.57
20-30	1010.49
30-40	1032.52
40-50	873.88
50-60	662.12
60-70	452.40
70-80	245.50
80-90	72.28
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 : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.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	104	100	97	99	97	94	96	93	91	92	90	89	87
2	101	94	88	83	99	92	87	82	89	84	80	86	82	78	83	79	77	75
3	94	84	77	71	91	83	76	70	80	74	69	77	72	68	74	70	67	65
4	86	76	68	62	84	74	67	61	72	66	60	70	64	60	68	63	59	57
5	80	69	60	54	78	67	60	54	65	59	53	64	58	53	62	57	52	50
6	75	62	54	48	73	62	54	48	60	53	48	58	52	47	57	51	47	45
7	70	57	49	44	68	56	49	43	55	48	43	54	47	43	52	47	42	41
8	65	53	45	39	64	52	45	39	51	44	39	50	43	39	48	43	39	37
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34
10	58	45	38	33	57	45	38	33	44	37	33	43	37	33	42	37	33	31

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.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	17.8	19.3	18.2	19.6	19.9	15.9	17.3	16.2	17.7	18.0
	3H	19.4	20.7	19.7	21.0	21.4	17.4	18.8	17.8	19.1	19.4
	4H	19.9	21.1	20.3	21.5	21.9	18.0	19.3	18.4	19.6	20.0
	6H	20.3	21.4	20.7	21.8	22.2	18.5	19.6	18.9	20.0	20.4
	8H	20.4	21.5	20.8	21.9	22.3	18.7	19.8	19.1	20.1	20.5
	12H	20.5	21.5	20.9	21.9	22.4	18.8	19.8	19.2	20.2	20.6

UGR Viewed Endwise

4H	2H	18.1	19.4	18.5	19.7	20.1	16.5	17.8	16.9	18.1	18.5
	3H	19.9	20.9	20.3	21.3	21.7	18.3	19.3	18.7	19.7	20.1
	4H	20.6	21.5	21.0	21.9	22.4	19.0	19.9	19.4	20.4	20.8
	6H	21.1	21.9	21.6	22.4	22.8	19.6	20.4	20.0	20.9	21.3
	8H	21.3	22.0	21.7	22.5	22.9	19.8	20.6	20.3	21.0	21.5
	12H	21.4	22.1	21.9	22.6	23.0	20.0	20.7	20.5	21.1	21.6

8H	4H	20.7	21.5	21.2	21.9	22.4	19.3	20.1	19.8	20.5	21.0
	6H	21.4	22.0	21.9	22.5	23.0	20.0	20.7	20.5	21.2	21.6
	8H	21.6	22.2	22.1	22.7	23.2	20.3	20.9	20.8	21.4	21.9
	12H	21.8	22.3	22.3	22.8	23.4	20.6	21.1	21.1	21.6	22.1

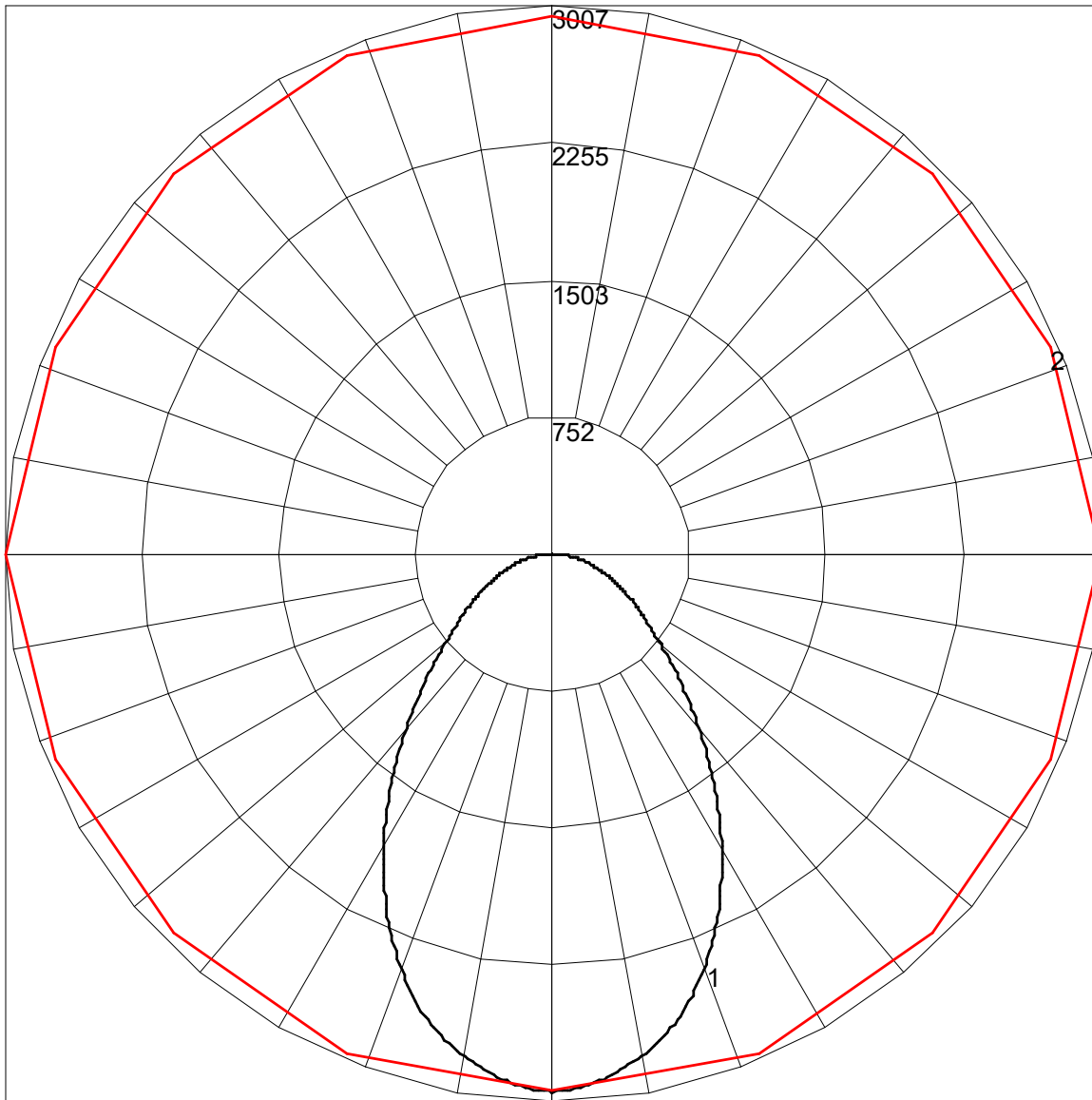
12H	4H	20.7	21.4	21.2	21.9	22.4	19.4	20.0	19.8	20.5	21.0
	6H	21.4	22.0	21.9	22.4	23.0	20.1	20.7	20.6	21.1	21.7
	8H	21.7	22.2	22.2	22.7	23.2	20.5	21.0	21.0	21.5	22.0

Maximum UGR = 23.4

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-8-L8-935L-L10-935P-2-DMA-BSBL-DA-UNV ALL SECTIONS ON_.IES

POLAR GRAPH



Maximum Candela = 3006.932 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.)