

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_ (1).IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #14716274.01 & #13638856

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 20 APR, 2023

[TEST DATE] 3/13/2023

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4-5-L8/935L/L10/935P-2-DMA-WSBL-DA-UNV all sections on

[LUMINAIRE] RECESSED 5' FIXTURE w/ (2) 6" LOUVERS AT ENDS

[LAMP] 96 LEDS (4 modules of 24) & (2) modules of (72) in center section

[BALLAST] ULT D10CC30UNVPW-C

[OTHER] 24.7 C, 120.033 V, 0.200595 A, 23.9765 W, 0.995784 PF, 60.0072

[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	4085
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	79
Total Luminaire Watts	51.4165
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.04
Spacing Criterion (90-270)	1.00
Spacing Criterion (Diagonal)	1.08
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.92 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	8718	7903	7276
55	7434	6246	5562
65	6273	5170	4667
75	5030	4268	3992
85	3618	3379	3386

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_(1).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	2329.022	2329.022	2329.022	2329.022	2329.022
0.5	2359.912	2325.492	2313.372	2333.609	2322.372
1.0	2358.912	2324.022	2312.372	2331.609	2320.372
1.5	2357.441	2322.022	2309.901	2328.609	2316.901
2.0	2356.441	2320.551	2307.430	2325.138	2312.430
2.5	2353.500	2316.609	2303.960	2321.668	2307.960
3.0	2351.029	2313.138	2300.489	2318.197	2302.018
3.5	2346.087	2308.197	2296.547	2313.255	2297.076
4.0	2338.616	2301.255	2291.606	2308.314	2291.135
4.5	2330.204	2292.843	2285.664	2303.372	2285.193
5.0	2321.792	2284.901	2278.252	2297.430	2278.310
5.5	2312.850	2274.489	2269.839	2290.547	2271.898
6.0	2303.908	2265.076	2261.427	2284.135	2264.485
6.5	2293.025	2254.664	2251.014	2276.252	2257.131
7.0	2282.613	2242.781	2240.131	2267.898	2249.248
7.5	2272.200	2231.898	2230.248	2259.014	2241.365
8.0	2260.317	2220.485	2217.894	2249.660	2232.482
8.5	2249.434	2209.131	2207.011	2239.836	2223.657
9.0	2238.080	2197.048	2194.586	2229.011	2214.832
9.5	2226.197	2184.394	2182.332	2218.186	2205.007
10.0	2214.143	2171.940	2169.907	2206.361	2194.712
10.5	2201.689	2159.015	2156.682	2194.595	2183.245
11.0	2189.035	2146.161	2143.387	2182.199	2171.779
11.5	2175.610	2132.836	2129.591	2169.233	2160.142
12.0	2162.085	2119.041	2115.696	2155.696	2148.975
12.5	2148.360	2105.416	2101.329	2142.329	2136.267
13.0	2134.165	2091.620	2087.334	2128.492	2124.530
13.5	2120.140	2077.325	2072.596	2114.284	2111.622
14.0	2105.274	2062.658	2058.330	2099.876	2099.014
14.5	2090.178	2047.392	2043.093	2084.997	2086.106
15.0	2074.912	2033.126	2027.585	2070.189	2070.656
15.5	2059.745	2017.859	2011.677	2054.610	2055.678
16.0	2044.308	2002.722	1996.069	2037.761	2039.128
16.5	2028.471	1987.285	1980.161	2020.711	2021.908
17.0	2012.904	1971.548	1963.882	2002.191	2004.687
17.5	1996.696	1955.640	1947.703	1983.570	1987.096
18.0	1980.759	1939.432	1930.954	1964.179	1968.934
18.5	1964.551	1923.224	1914.104	1944.988	1950.572
19.0	1948.343	1906.245	1897.354	1924.755	1931.639
19.5	1931.735	1889.466	1879.934	1904.822	1911.465
20.0	1915.927	1872.587	1861.943	1884.590	1892.261
20.5	1899.048	1854.938	1844.422	1864.086	1872.187
21.0	1881.670	1837.859	1825.460	1842.812	1851.742
21.5	1864.020	1820.309	1806.869	1821.637	1832.067
22.0	1846.170	1802.189	1787.607	1800.192	1811.080
22.5	1828.521	1784.168	1767.674	1778.647	1790.535
23.0	1810.371	1765.948	1748.212	1756.731	1769.148
23.5	1792.051	1747.457	1727.809	1735.586	1747.662
24.0	1773.530	1729.236	1707.776	1714.070	1725.975
24.5	1754.339	1710.374	1687.102	1692.754	1703.417
25.0	1735.248	1692.083	1666.698	1671.067	1680.860
25.5	1715.486	1673.021	1645.924	1649.280	1658.302
26.0	1696.295	1653.788	1625.149	1627.493	1635.744
26.5	1676.633	1634.826	1604.675	1606.077	1612.416

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_ (1).IES****CANDELA TABULATION - (Cont.)**

27.0	1657.071	1615.594	1583.630	1583.720	1589.488
27.5	1637.809	1596.161	1562.884	1561.262	1565.988
28.0	1617.676	1576.357	1542.139	1538.704	1543.531
28.5	1598.043	1556.554	1521.694	1515.676	1520.232
29.0	1578.781	1536.850	1500.678	1492.448	1497.603
29.5	1558.678	1516.576	1480.062	1469.419	1474.204
30.0	1539.045	1497.072	1458.875	1445.720	1450.805
30.5	1518.570	1477.098	1437.688	1422.792	1426.835
31.0	1498.567	1456.752	1416.702	1399.022	1403.636
31.5	1478.763	1436.878	1395.915	1375.722	1379.666
32.0	1458.089	1416.533	1374.557	1352.152	1355.796
32.5	1437.414	1396.388	1353.400	1328.682	1331.826
33.0	1416.840	1376.242	1331.871	1305.783	1307.856
33.5	1395.595	1355.726	1310.914	1282.513	1283.715
34.0	1374.350	1335.681	1289.485	1258.872	1259.845
34.5	1353.504	1314.894	1267.686	1235.802	1236.104
35.0	1332.388	1294.678	1246.758	1212.732	1212.434
35.5	1311.272	1273.892	1225.729	1189.962	1189.164
36.0	1290.356	1253.776	1204.330	1167.292	1166.565
36.5	1268.770	1233.089	1183.602	1145.093	1143.595
37.0	1247.854	1212.231	1162.502	1122.723	1121.666
37.5	1226.667	1191.274	1141.603	1101.495	1099.096
38.0	1205.780	1171.187	1120.904	1079.996	1076.526
38.5	1184.993	1150.629	1100.676	1058.696	1054.256
39.0	1164.306	1130.272	1080.176	1037.497	1031.986
39.5	1143.349	1109.814	1059.877	1017.069	1009.916
40.0	1122.991	1089.286	1040.149	996.270	988.046
40.5	1103.804	1069.328	1020.050	975.670	966.176
41.0	1084.547	1049.300	1000.250	954.900	945.077
41.5	1065.389	1029.942	980.922	934.230	923.778
42.0	1046.361	1010.884	961.423	914.231	902.779
42.5	1028.374	991.756	942.494	893.861	882.150
43.0	1010.016	973.228	923.666	874.062	860.880
43.5	991.588	955.570	904.667	855.034	840.923
44.0	973.830	937.842	886.238	835.905	821.165
44.5	955.902	920.313	867.910	816.706	801.808
45.0	938.574	903.356	850.823	797.878	783.321
45.5	922.516	886.127	833.366	779.720	764.763
46.0	905.917	869.099	816.108	761.662	747.247
46.5	890.288	852.170	799.050	743.905	729.460
47.0	875.360	835.542	782.193	726.918	712.244
47.5	860.732	819.414	765.535	710.331	695.128
48.0	846.103	803.685	749.648	694.415	678.112
48.5	831.104	788.257	732.920	678.599	661.673
49.0	816.576	773.528	716.492	663.083	645.087
49.5	801.776	759.000	700.634	648.044	628.794
50.0	787.448	744.572	684.806	632.675	612.702
50.5	773.220	730.243	670.019	617.794	596.904
51.0	759.091	716.386	654.961	603.443	581.977
51.5	744.963	702.257	640.104	589.186	567.908
52.0	730.934	688.229	625.770	574.935	555.234
52.5	716.806	674.671	611.448	560.984	543.142
53.0	702.878	661.014	597.408	547.604	531.114
53.5	689.420	647.656	583.951	535.006	519.234
54.0	675.962	634.669	570.682	522.685	507.731
54.5	662.134	621.782	557.995	510.999	496.615

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_ (1).IES****CANDELA TABULATION - (Cont.)**

55.0	649.247	608.425	545.450	499.707	485.777
55.5	636.090	595.873	533.246	488.415	474.997
56.0	622.832	583.328	521.142	477.358	464.358
56.5	609.574	570.824	509.426	466.490	454.055
57.0	596.793	558.372	497.811	455.957	443.899
57.5	584.112	546.162	486.336	445.666	433.931
58.0	571.337	534.140	475.339	435.516	424.157
58.5	558.992	522.212	464.394	425.465	414.378
59.0	546.358	510.344	453.214	415.509	404.845
59.5	534.059	498.657	442.275	405.841	395.501
60.0	521.720	487.306	431.671	396.320	386.110
60.5	509.615	476.190	421.162	386.794	376.960
61.0	497.423	465.363	410.652	377.508	367.857
61.5	485.266	454.718	400.578	368.270	358.854
62.0	473.397	444.173	390.363	359.326	349.893
62.5	461.769	433.723	380.242	350.329	341.178
63.0	449.900	423.466	370.409	341.526	332.605
63.5	438.219	413.016	360.764	332.865	324.367
64.0	426.733	402.141	351.161	324.444	316.129
64.5	415.052	390.990	341.846	316.118	308.079
65.0	403.660	379.833	332.678	307.986	300.277
65.5	392.315	368.823	323.411	299.901	292.521
66.0	381.117	358.143	314.337	291.816	284.860
66.5	370.054	347.369	305.357	283.925	277.393
67.0	359.238	336.594	296.572	276.034	269.879
67.5	348.417	326.014	287.828	268.237	262.459
68.0	337.743	315.722	279.284	260.494	254.803
68.5	327.068	305.524	270.640	252.650	247.289
69.0	316.541	295.803	262.095	244.706	239.822
69.5	305.913	286.312	253.693	236.909	232.408
70.0	295.580	276.967	245.337	229.354	225.088
70.5	285.188	267.570	237.075	221.893	217.909
71.0	275.138	258.461	228.908	214.626	210.824
71.5	265.128	249.210	220.934	207.306	203.840
72.0	255.113	240.013	213.008	200.133	196.996
72.5	245.292	230.669	205.223	193.201	190.106
73.0	235.612	221.607	197.485	186.216	183.409
73.5	226.073	212.686	190.089	179.426	176.807
74.0	216.482	203.865	182.680	172.729	170.152
74.5	207.326	195.138	175.419	166.180	163.838
75.0	198.211	186.653	168.205	159.578	157.330
75.5	189.149	178.303	160.990	153.123	150.969
76.0	180.469	170.142	153.870	146.715	144.603
76.5	171.884	162.174	146.945	140.401	138.530
77.0	163.540	154.348	140.207	134.134	132.357
77.5	155.384	146.569	133.517	128.015	126.232
78.0	147.228	139.078	126.873	121.842	120.253
78.5	139.214	131.581	120.424	115.770	114.422
79.0	131.440	124.232	114.069	109.891	108.538
79.5	123.567	116.923	107.655	103.913	102.801
80.0	115.982	109.856	101.535	98.128	97.110
80.5	108.638	103.030	95.463	92.391	91.467
81.0	101.336	96.151	89.484	86.748	86.119
81.5	94.227	89.514	83.706	81.205	80.623
82.0	87.066	82.970	77.822	75.662	75.174
82.5	80.099	76.574	72.084	70.213	69.819

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_ (1).IES

CANDELA TABULATION - (Cont.)

83.0	73.467	70.266	66.441	64.911	64.611
83.5	67.024	64.252	60.945	59.651	59.645
84.0	60.527	58.280	55.496	54.584	54.626
84.5	54.219	52.401	50.048	49.518	49.800
85.0	48.011	46.670	44.840	44.646	44.928
85.5	41.998	41.080	39.732	39.821	40.197
86.0	36.225	35.584	34.766	35.090	35.666
86.5	30.594	30.282	29.847	30.606	31.282
87.0	25.104	25.227	25.221	26.322	26.945
87.5	19.755	20.361	20.790	21.985	22.609
88.0	14.847	15.694	16.459	17.748	18.378
88.5	10.475	11.369	12.328	13.523	13.923
89.0	6.732	7.532	8.062	8.839	9.286
89.5	3.660	4.319	4.984	5.361	5.602
90.0	1.412	1.930	1.930	1.836	1.977
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 : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_ (1).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 : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_ (1).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 : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_ (1).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 : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_ (1).IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	790.27	N.A.	19.30
0-30	1563.01	N.A.	38.30
0-40	2347.54	N.A.	57.50
0-60	3507.52	N.A.	85.90
0-80	4032.7	N.A.	98.70
0-90	4084.83	N.A.	100.00
10-90	3869.57	N.A.	94.70
20-40	1557.27	N.A.	38.10
20-50	2217.98	N.A.	54.30
40-70	1500.73	N.A.	36.70
60-80	525.18	N.A.	12.90
70-80	184.42	N.A.	4.50
80-90	52.13	N.A.	1.30
90-110	0.05	N.A.	0.00
90-120	0.05	N.A.	0.00
90-130	0.05	N.A.	0.00
90-150	0.05	N.A.	0.00
90-180	0.05	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4084.88	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	215.26
10-20	575.01
20-30	772.74
30-40	784.53
40-50	660.71
50-60	499.27
60-70	340.76
70-80	184.42
80-90	52.13
90-100	0.05
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 : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_(1).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	108	104	100	97	100	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	80	77	75
3	94	84	77	71	91	83	76	71	80	74	69	77	72	68	75	71	67	65
4	87	76	68	62	84	75	67	62	72	66	61	70	64	60	68	63	59	57
5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62	57	53	51
6	75	63	55	49	73	62	54	48	60	53	48	58	52	48	57	52	47	45
7	70	57	49	44	68	57	49	44	55	48	43	54	48	43	53	47	43	41
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37
9	62	49	41	36	60	48	41	36	47	41	36	46	40	36	45	40	36	34
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	42	37	33	31

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_ (1).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	18.3	19.8	18.7	20.1	20.4	16.8	18.2	17.1	18.6	18.9
	3H	19.9	21.2	20.3	21.5	21.9	18.3	19.6	18.7	20.0	20.3
	4H	20.4	21.7	20.8	22.0	22.4	18.9	20.1	19.3	20.5	20.8
	6H	20.8	22.0	21.2	22.3	22.7	19.3	20.5	19.7	20.8	21.2
	8H	21.0	22.0	21.4	22.4	22.8	19.5	20.6	19.9	20.9	21.3
	12H	21.0	22.1	21.4	22.5	22.9	19.6	20.6	20.0	21.0	21.4

UGR Viewed Endwise

4H	2H	18.7	19.9	19.1	20.3	20.6	17.4	18.6	17.8	19.0	19.4
	3H	20.5	21.5	20.9	21.9	22.3	19.1	20.2	19.6	20.6	21.0
	4H	21.1	22.1	21.6	22.5	22.9	19.8	20.8	20.3	21.2	21.6
	6H	21.7	22.5	22.1	22.9	23.4	20.4	21.2	20.9	21.6	22.1
	8H	21.8	22.6	22.3	23.0	23.5	20.6	21.3	21.0	21.8	22.2
	12H	22.0	22.6	22.4	23.1	23.6	20.7	21.4	21.2	21.9	22.4

8H	4H	21.3	22.1	21.8	22.5	23.0	20.1	20.9	20.6	21.3	21.8
	6H	21.9	22.6	22.4	23.1	23.5	20.8	21.4	21.3	21.9	22.4
	8H	22.2	22.7	22.7	23.3	23.7	21.1	21.6	21.6	22.1	22.6
	12H	22.4	22.9	22.9	23.4	23.9	21.3	21.8	21.8	22.3	22.9

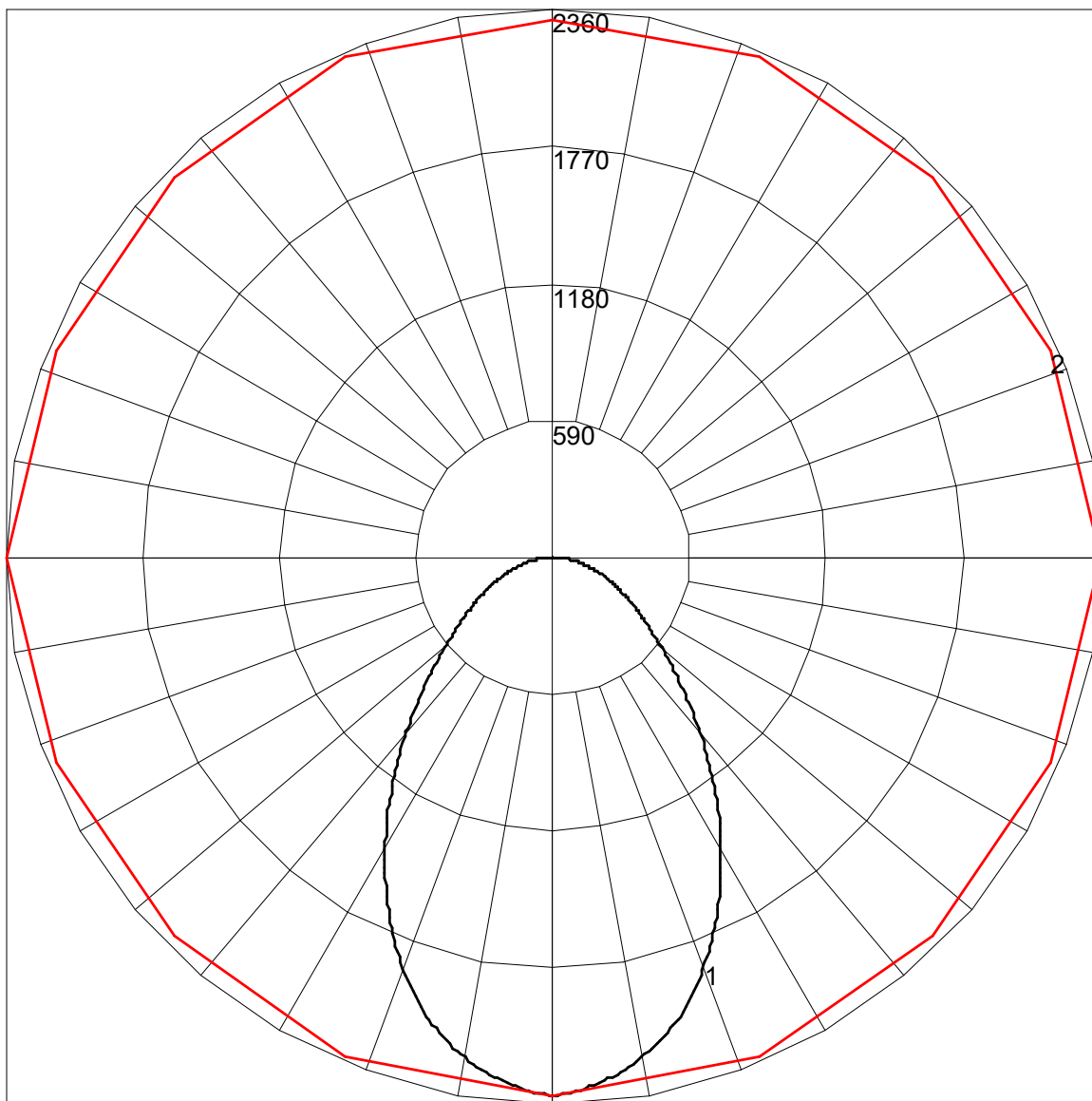
12H	4H	21.3	22.0	21.8	22.5	22.9	20.2	20.8	20.6	21.3	21.8
	6H	22.0	22.5	22.5	23.0	23.6	20.9	21.4	21.4	21.9	22.4
	8H	22.3	22.8	22.8	23.3	23.8	21.2	21.7	21.7	22.2	22.7

Maximum UGR = 23.9

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-WSBL-DA-UNV ALL SECTIONS ON_(1).IES

POLAR GRAPH



Maximum Candela = 2359.912 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.)