

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-8-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV CENTER LENS SECTION ONLY_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.02

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 18 JUL, 2023

[MANUFAC] WILLIAMS INDOOR

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

[LUMCAT] LRX4-8-L8-935L-L10-935P-2-DMA-xSBL-DA-UNV center section only

[LUMINAIRE] White steel housing, frosted lens enclosure

[LAMP] white LEDs

[BALLAST] (1) Everline Driver

[MORE] Hz

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

[MORE] 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	4735
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	46.9
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)	7.92 ft
Luminous Width (90-270)	0.35 ft
Luminous Height	0.00 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-8-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV CENTER LENS SECTION ONLY_.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6807	5756	4971
55	5899	4762	4086
65	4968	3964	3496
75	3961	3282	3065
85	2930	2772	2786

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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	2117.508	2117.508	2117.508	2117.508	2117.508
0.5	2148.432	2118.321	2107.742	2115.066	2107.742
1.0	2148.432	2117.508	2107.742	2115.066	2107.742
1.5	2147.618	2117.508	2106.928	2115.066	2106.928
2.0	2147.618	2116.694	2106.114	2114.252	2106.114
2.5	2145.991	2115.066	2105.301	2113.439	2105.301
3.0	2145.177	2114.252	2104.487	2112.625	2103.673
3.5	2143.549	2112.625	2102.859	2110.997	2102.045
4.0	2142.735	2110.997	2101.232	2109.370	2100.418
4.5	2140.294	2108.556	2099.604	2107.742	2098.790
5.0	2137.853	2106.928	2097.163	2106.114	2095.535
5.5	2136.225	2104.487	2094.721	2102.859	2093.094
6.0	2134.597	2102.045	2092.280	2100.418	2090.652
6.5	2131.342	2099.604	2089.838	2097.163	2086.583
7.0	2128.901	2096.349	2086.583	2093.094	2083.328
7.5	2126.459	2093.094	2083.328	2089.838	2080.073
8.0	2123.204	2090.652	2079.259	2085.769	2076.818
8.5	2119.949	2086.583	2076.004	2080.887	2071.935
9.0	2115.880	2083.328	2071.121	2076.004	2067.052
9.5	2112.625	2079.259	2067.052	2071.121	2062.169
10.0	2108.556	2075.190	2062.169	2066.238	2056.473
10.5	2104.487	2070.307	2057.286	2059.728	2049.962
11.0	2100.418	2066.238	2051.590	2054.031	2043.452
11.5	2095.535	2061.355	2045.893	2047.521	2036.128
12.0	2090.652	2055.659	2040.197	2040.197	2029.617
12.5	2085.769	2050.776	2033.686	2033.686	2021.479
13.0	2080.073	2045.079	2027.990	2026.362	2014.155
13.5	2075.190	2039.383	2020.665	2018.224	2006.017
14.0	2068.680	2032.872	2014.155	2010.086	1997.879
14.5	2062.983	2026.362	2006.831	2001.134	1989.741
15.0	2056.473	2019.852	1998.693	1992.996	1979.975
15.5	2049.962	2013.341	1990.555	1984.044	1971.024
16.0	2042.638	2006.017	1982.417	1974.279	1961.258
16.5	2035.314	1998.693	1974.279	1964.513	1950.679
17.0	2028.803	1991.369	1965.327	1953.934	1940.099
17.5	2020.665	1983.231	1956.375	1943.354	1928.706
18.0	2013.341	1975.093	1946.610	1931.961	1916.499
18.5	2005.203	1966.955	1936.844	1920.568	1904.292
19.0	1997.065	1958.003	1927.078	1907.547	1891.271
19.5	1988.927	1949.051	1916.499	1894.526	1876.623
20.0	1980.789	1940.099	1905.106	1881.506	1862.788
20.5	1971.837	1930.334	1894.526	1867.671	1848.140
21.0	1962.886	1921.382	1882.319	1853.023	1832.678
21.5	1953.120	1911.616	1870.926	1838.374	1818.029
22.0	1943.354	1901.037	1858.719	1822.912	1800.939
22.5	1933.589	1890.457	1845.698	1807.450	1785.477
23.0	1923.823	1879.878	1833.491	1791.174	1768.387
23.5	1913.244	1868.485	1819.657	1775.712	1751.298
24.0	1902.664	1857.905	1806.636	1759.436	1734.208
24.5	1891.271	1845.698	1791.988	1743.160	1716.304
25.0	1879.878	1834.305	1778.153	1726.070	1698.401
25.5	1867.671	1822.098	1763.505	1708.980	1680.497
26.0	1856.278	1809.077	1748.856	1691.890	1662.593
26.5	1844.071	1796.870	1734.208	1675.614	1643.876

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27.0	1831.864	1783.850	1718.746	1657.711	1625.159
27.5	1819.657	1770.829	1703.283	1639.807	1605.627
28.0	1806.636	1756.994	1687.821	1621.903	1587.724
28.5	1793.615	1743.160	1672.359	1603.186	1568.193
29.0	1781.408	1729.325	1656.083	1584.469	1549.475
29.5	1767.574	1714.677	1639.807	1565.751	1529.944
30.0	1754.553	1700.842	1622.717	1546.220	1510.413
30.5	1739.904	1686.194	1605.627	1527.503	1490.068
31.0	1726.070	1670.731	1588.538	1507.158	1470.537
31.5	1712.235	1656.083	1571.448	1487.626	1450.192
32.0	1697.587	1640.621	1553.544	1467.281	1429.847
32.5	1682.938	1625.159	1535.641	1446.936	1409.502
33.0	1668.290	1609.696	1516.923	1427.405	1389.157
33.5	1652.828	1593.420	1499.020	1407.060	1367.998
34.0	1637.366	1577.958	1480.302	1385.901	1347.653
34.5	1621.903	1560.868	1460.771	1365.556	1326.494
35.0	1605.627	1544.592	1442.054	1345.211	1306.149
35.5	1589.351	1527.503	1423.336	1324.866	1285.804
36.0	1573.075	1511.227	1403.805	1304.521	1266.273
36.5	1555.986	1494.137	1385.088	1284.990	1245.928
37.0	1539.710	1476.233	1365.556	1264.645	1227.210
37.5	1522.620	1458.330	1346.025	1245.928	1206.865
38.0	1505.530	1441.240	1326.494	1226.397	1186.520
38.5	1488.440	1423.336	1307.777	1206.865	1166.175
39.0	1471.350	1405.433	1288.245	1187.334	1145.830
39.5	1453.447	1387.529	1268.714	1168.617	1125.485
40.0	1435.543	1368.812	1249.997	1149.086	1105.140
40.5	1418.453	1350.908	1230.466	1129.554	1084.795
41.0	1400.550	1332.191	1210.934	1109.209	1065.264
41.5	1382.646	1314.287	1192.217	1088.864	1045.733
42.0	1363.929	1296.383	1172.686	1069.333	1026.202
42.5	1346.839	1277.666	1153.968	1048.988	1007.484
43.0	1328.935	1258.949	1135.251	1029.457	987.139
43.5	1310.218	1241.045	1115.720	1010.740	969.236
44.0	1292.314	1222.328	1097.002	992.022	951.332
44.5	1273.597	1203.610	1078.285	972.491	933.429
45.0	1254.880	1185.707	1061.195	953.774	916.339
45.5	1236.976	1166.989	1043.292	935.870	898.435
46.0	1217.445	1148.272	1025.388	917.966	882.159
46.5	1198.727	1129.554	1007.484	900.063	865.069
47.0	1180.010	1110.837	989.581	882.973	848.793
47.5	1161.293	1092.120	971.677	865.883	832.517
48.0	1142.575	1073.402	954.587	849.607	816.241
48.5	1123.044	1054.685	935.870	833.331	800.616
49.0	1104.327	1035.967	917.153	817.055	784.910
49.5	1084.795	1017.250	899.249	801.430	769.366
50.0	1066.078	998.533	880.532	785.236	753.823
50.5	1047.361	979.815	863.442	769.366	738.442
51.0	1028.643	961.912	845.538	754.067	723.875
51.5	1009.926	943.194	827.635	738.930	709.064
52.0	991.208	924.477	810.463	723.631	694.416
52.5	972.491	906.573	792.967	708.332	680.255
53.0	953.774	888.670	775.958	693.846	665.688
53.5	935.870	870.766	759.438	679.849	651.203
54.0	917.966	853.676	743.244	665.119	637.368
54.5	899.249	836.586	727.537	650.796	623.859

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55.0	882.159	818.683	712.075	636.636	611.001
55.5	864.256	802.000	696.857	622.476	597.899
56.0	846.352	785.154	681.639	608.722	585.041
56.5	828.448	768.553	666.746	595.295	572.590
57.0	811.196	751.870	651.854	582.274	560.220
57.5	793.943	735.431	637.205	569.497	548.176
58.0	776.528	719.318	623.208	556.965	536.294
58.5	759.682	703.367	609.129	544.432	524.575
59.0	742.511	687.173	594.644	532.062	512.938
59.5	725.747	671.466	580.402	520.018	501.626
60.0	708.738	656.167	566.568	508.055	490.233
60.5	692.137	641.274	552.896	496.255	479.084
61.0	675.210	626.707	539.224	484.699	468.016
61.5	658.690	612.629	525.959	473.225	456.949
62.0	642.495	598.550	512.450	461.913	446.125
62.5	626.545	584.634	499.104	450.682	435.383
63.0	610.350	570.881	486.083	439.615	424.885
63.5	594.481	556.965	473.387	428.791	414.794
64.0	578.775	542.316	460.936	418.212	404.703
64.5	562.905	527.017	448.811	407.795	394.937
65.0	547.362	511.880	436.766	397.541	385.253
65.5	531.900	496.825	424.722	387.369	375.650
66.0	516.519	482.339	412.841	377.196	366.210
66.5	501.545	467.691	401.122	367.187	356.933
67.0	486.652	453.042	389.566	357.177	347.574
67.5	471.923	438.557	378.254	347.330	338.378
68.0	457.274	424.397	366.942	337.401	328.775
68.5	442.626	410.399	355.631	327.473	319.416
69.0	428.059	397.053	344.319	317.545	310.139
69.5	413.492	384.276	333.251	307.698	300.780
70.0	399.088	371.581	322.265	298.095	291.585
70.5	384.927	358.967	311.441	288.655	282.633
71.0	371.011	346.679	300.780	279.378	273.844
71.5	357.340	334.146	290.282	270.182	265.055
72.0	343.830	321.532	279.866	261.067	256.510
72.5	330.484	308.837	269.693	252.197	247.883
73.0	317.382	296.630	259.602	243.408	239.420
73.5	304.524	284.667	249.755	234.781	231.119
74.0	291.747	272.704	240.234	226.318	222.900
74.5	279.378	260.904	230.794	217.936	214.925
75.0	267.252	249.348	221.435	209.635	206.787
75.5	255.045	238.199	212.076	201.415	198.730
76.0	243.326	227.376	202.880	193.277	190.836
76.5	231.770	216.715	193.847	185.302	183.105
77.0	220.458	206.298	185.139	177.408	175.374
77.5	209.472	195.963	176.513	169.596	167.724
78.0	198.486	185.953	167.968	161.865	160.156
78.5	187.744	176.106	159.586	154.134	152.669
79.0	177.246	166.341	151.367	146.565	145.263
79.5	166.748	156.819	143.392	138.997	137.939
80.0	156.575	147.542	135.579	131.591	130.696
80.5	146.647	138.509	127.848	124.267	123.535
81.0	136.963	129.557	120.280	117.106	116.536
81.5	127.441	120.849	112.711	109.944	109.456
82.0	118.001	112.304	105.306	102.783	102.457
82.5	108.724	103.841	97.982	95.784	95.621

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83.0	99.853	95.703	90.820	88.867	88.867
83.5	91.308	87.728	83.740	82.194	82.357
84.0	82.845	79.997	76.741	75.683	75.928
84.5	74.707	72.428	69.743	69.173	69.661
85.0	66.569	64.941	62.988	62.825	63.314
85.5	58.594	57.698	56.234	56.559	57.210
86.0	50.862	50.618	49.723	50.456	51.107
86.5	43.376	43.701	43.294	44.433	45.085
87.0	36.133	36.865	37.028	38.411	39.144
87.5	29.134	30.355	30.924	32.471	33.203
88.0	22.379	23.844	24.821	26.530	27.100
88.5	16.032	17.578	18.717	20.264	20.264
89.0	10.254	11.637	12.207	12.858	12.939
89.5	5.290	6.429	7.406	8.057	8.301
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

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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-XSBL-DA-UNV CENTER LENS SECTION ONLY_.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-XSBL-DA-UNV CENTER LENS SECTION ONLY_.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-XSBL-DA-UNV CENTER LENS SECTION ONLY_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	765.14	N.A.	16.20
0-30	1583.8	N.A.	33.50
0-40	2487.2	N.A.	52.50
0-60	3968.08	N.A.	83.80
0-80	4662.45	N.A.	98.50
0-90	4734.42	N.A.	100.00
10-90	4534.43	N.A.	95.80
20-40	1722.05	N.A.	36.40
20-50	2549.23	N.A.	53.80
40-70	1930.67	N.A.	40.80
60-80	694.37	N.A.	14.70
70-80	244.58	N.A.	5.20
80-90	71.97	N.A.	1.50
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	4734.5	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	199.99
10-20	565.16
20-30	818.66
30-40	903.39
40-50	827.18
50-60	653.71
60-70	449.79
70-80	244.58
80-90	71.97
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-XSBL-DA-UNV CENTER LENS SECTION ONLY_.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	206	206	206	206	201	201	201	201	192	192	192	184	184	184	176	176	176	173
1	190	182	175	169	185	178	172	166	171	166	161	164	160	156	158	155	151	148
2	174	161	150	140	169	157	147	139	151	143	136	146	139	132	141	135	130	126
3	160	143	129	119	155	140	128	118	135	124	116	130	121	114	126	118	112	108
4	147	127	113	102	143	125	112	102	121	109	100	117	107	99	113	105	98	94
5	136	115	100	89	132	113	99	89	109	97	88	106	95	87	103	94	86	83
6	126	104	89	79	123	103	89	79	99	87	78	97	86	77	94	84	77	73
7	117	95	81	70	114	94	80	70	91	79	70	89	77	69	86	76	69	65
8	110	87	73	63	107	86	73	63	84	72	63	82	71	62	80	70	62	59
9	103	80	67	57	100	79	66	57	77	65	57	76	65	57	74	64	57	53
10	96	74	61	52	94	74	61	52	72	60	52	70	60	52	69	59	52	49

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-8-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV CENTER LENS SECTION ONLY_.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	17.6	19.2	18.0	19.5	19.8	15.7	17.3	16.1	17.6	17.9
	3H	19.2	20.6	19.6	21.0	21.3	17.3	18.7	17.7	19.0	19.4
	4H	19.8	21.1	20.2	21.4	21.8	17.9	19.2	18.3	19.6	19.9
	6H	20.2	21.4	20.6	21.8	22.2	18.4	19.6	18.8	20.0	20.4
	8H	20.3	21.5	20.7	21.9	22.3	18.6	19.7	19.0	20.1	20.5
	12H	20.4	21.5	20.8	21.9	22.3	18.7	19.8	19.1	20.2	20.6

UGR Viewed Endwise

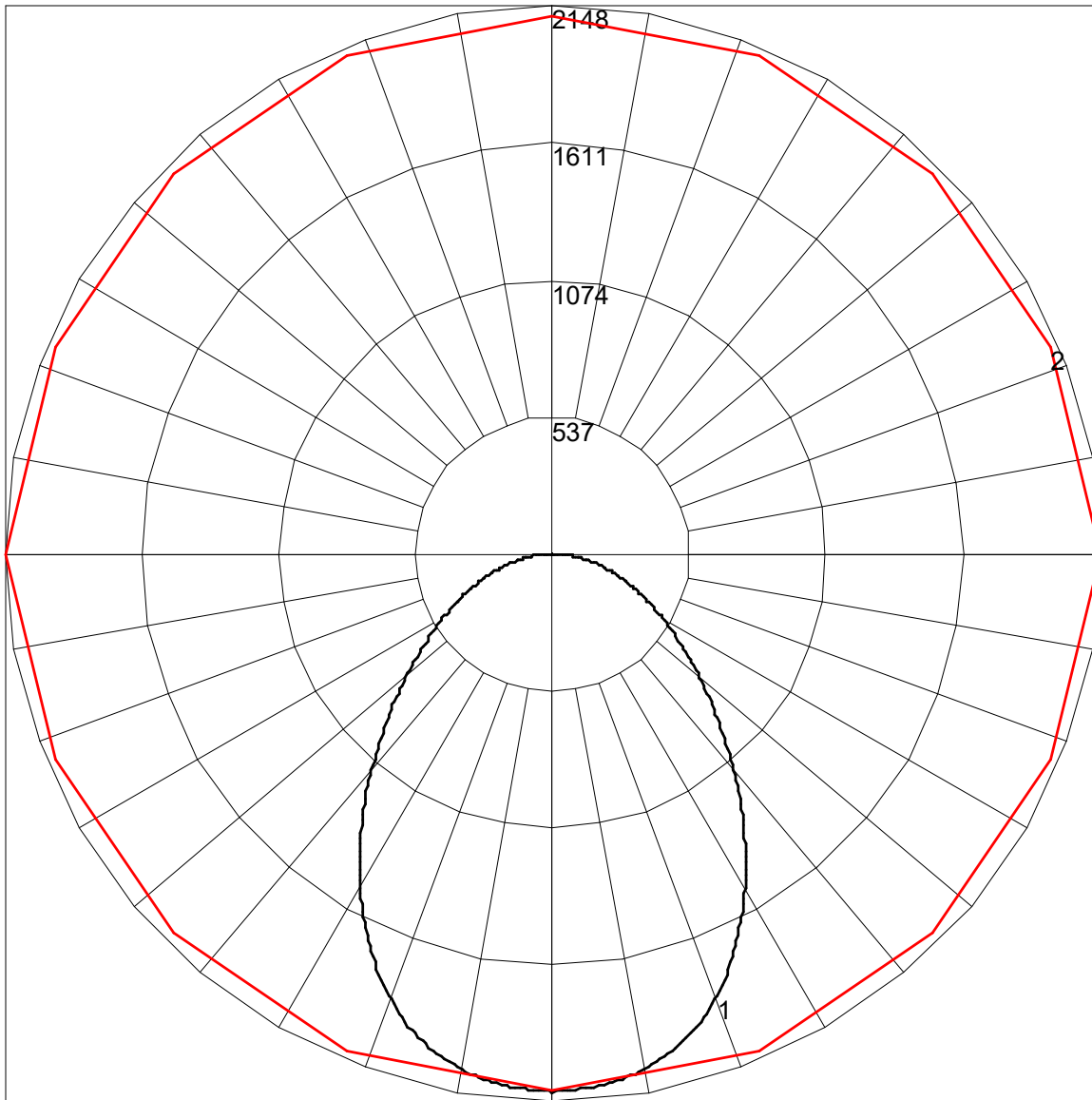
4H	2H	18.0	19.3	18.4	19.6	20.0	16.4	17.7	16.8	18.1	18.5
	3H	19.8	20.9	20.2	21.3	21.7	18.2	19.3	18.6	19.7	20.1
	4H	20.5	21.5	20.9	21.9	22.3	18.9	19.9	19.4	20.3	20.8
	6H	21.0	21.9	21.5	22.3	22.8	19.5	20.4	20.0	20.8	21.3
	8H	21.2	22.0	21.7	22.4	22.9	19.7	20.5	20.2	21.0	21.4
	12H	21.3	22.0	21.8	22.5	23.0	19.9	20.6	20.4	21.1	21.6
8H	4H	20.7	21.5	21.1	21.9	22.4	19.3	20.1	19.7	20.5	21.0
	6H	21.3	22.0	21.8	22.5	22.9	20.0	20.6	20.5	21.1	21.6
	8H	21.5	22.1	22.1	22.7	23.1	20.3	20.9	20.8	21.4	21.9
	12H	21.7	22.3	22.2	22.8	23.3	20.5	21.1	21.0	21.5	22.1
12H	4H	20.7	21.4	21.1	21.9	22.3	19.3	20.0	19.8	20.5	21.0
	6H	21.3	21.9	21.9	22.4	22.9	20.1	20.7	20.6	21.1	21.7
	8H	21.6	22.2	22.1	22.6	23.2	20.4	20.9	20.9	21.4	22.0

Maximum UGR = 23.3

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-8-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV CENTER LENS SECTION ONLY_.IES

POLAR GRAPH



Maximum Candela = 2148.432 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.)