

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.02

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 19 APR, 2023

[MANUFAC] WILLIAMS INDOOR

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

[LUMCAT] LRX4-5-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	2739
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	27.44
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)	4.94 ft
Luminous Width (90-270)	0.35 ft
Luminous Height	0.00 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV_.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6316	5341	4612
55	5474	4418	3791
65	4610	3678	3244
75	3675	3045	2843
85	2718	2572	2585

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-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	1225.022	1225.022	1225.022	1225.022	1225.022
0.5	1242.912	1225.492	1219.372	1223.609	1219.372
1.0	1242.912	1225.022	1219.372	1223.609	1219.372
1.5	1242.441	1225.022	1218.901	1223.609	1218.901
2.0	1242.441	1224.551	1218.430	1223.138	1218.430
2.5	1241.500	1223.609	1217.960	1222.668	1217.960
3.0	1241.029	1223.138	1217.489	1222.197	1217.018
3.5	1240.087	1222.197	1216.547	1221.255	1216.076
4.0	1239.616	1221.255	1215.606	1220.314	1215.135
4.5	1238.204	1219.843	1214.664	1219.372	1214.193
5.0	1236.792	1218.901	1213.252	1218.430	1212.310
5.5	1235.850	1217.489	1211.839	1216.547	1210.898
6.0	1234.908	1216.076	1210.427	1215.135	1209.485
6.5	1233.025	1214.664	1209.014	1213.252	1207.131
7.0	1231.613	1212.781	1207.131	1210.898	1205.248
7.5	1230.200	1210.898	1205.248	1209.014	1203.365
8.0	1228.317	1209.485	1202.894	1206.660	1201.482
8.5	1226.434	1207.131	1201.011	1203.836	1198.657
9.0	1224.080	1205.248	1198.186	1201.011	1195.832
9.5	1222.197	1202.894	1195.832	1198.186	1193.007
10.0	1219.843	1200.540	1193.007	1195.361	1189.712
10.5	1217.489	1197.715	1190.182	1191.595	1185.945
11.0	1215.135	1195.361	1186.887	1188.299	1182.179
11.5	1212.310	1192.536	1183.591	1184.533	1177.942
12.0	1209.485	1189.241	1180.296	1180.296	1174.175
12.5	1206.660	1186.416	1176.529	1176.529	1169.467
13.0	1203.365	1183.120	1173.234	1172.292	1165.230
13.5	1200.540	1179.825	1168.996	1167.584	1160.522
14.0	1196.774	1176.058	1165.230	1162.876	1155.814
14.5	1193.478	1172.292	1160.993	1157.697	1151.106
15.0	1189.712	1168.526	1156.285	1152.989	1145.456
15.5	1185.945	1164.759	1151.577	1147.810	1140.278
16.0	1181.708	1160.522	1146.869	1142.161	1134.628
16.5	1177.471	1156.285	1142.161	1136.511	1128.508
17.0	1173.704	1152.048	1136.982	1130.391	1122.387
17.5	1168.996	1147.340	1131.803	1124.270	1115.796
18.0	1164.759	1142.632	1126.154	1117.679	1108.734
18.5	1160.051	1137.924	1120.504	1111.088	1101.672
19.0	1155.343	1132.745	1114.854	1103.555	1094.139
19.5	1150.635	1127.566	1108.734	1096.022	1085.665
20.0	1145.927	1122.387	1102.143	1088.490	1077.661
20.5	1140.748	1116.738	1096.022	1080.486	1069.187
21.0	1135.570	1111.559	1088.960	1072.012	1060.242
21.5	1129.920	1105.909	1082.369	1063.537	1051.767
22.0	1124.270	1099.789	1075.307	1054.592	1041.880
22.5	1118.621	1093.668	1067.774	1045.647	1032.935
23.0	1112.971	1087.548	1060.712	1036.231	1023.048
23.5	1106.851	1080.957	1052.709	1027.286	1013.162
24.0	1100.730	1074.836	1045.176	1017.870	1003.275
24.5	1094.139	1067.774	1036.702	1008.454	992.917
25.0	1087.548	1061.183	1028.698	998.567	982.560
25.5	1080.486	1054.121	1020.224	988.680	972.202
26.0	1073.895	1046.588	1011.749	978.793	961.844
26.5	1066.833	1039.526	1003.275	969.377	951.016

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	1059.771	1031.994	994.330	959.020	940.188
27.5	1052.709	1024.461	985.384	948.662	928.888
28.0	1045.176	1016.457	976.439	938.304	918.531
28.5	1037.643	1008.454	967.494	927.476	907.232
29.0	1030.581	1000.450	958.078	916.648	896.403
29.5	1022.578	991.976	948.662	905.819	885.104
30.0	1015.045	983.972	938.775	894.520	873.805
30.5	1006.570	975.498	928.888	883.692	862.035
31.0	998.567	966.552	919.002	871.922	850.736
31.5	990.563	958.078	909.115	860.622	838.966
32.0	982.089	949.133	898.757	848.852	827.196
32.5	973.614	940.188	888.400	837.082	815.426
33.0	965.140	931.242	877.571	825.783	803.656
33.5	956.195	921.826	867.214	814.013	791.415
34.0	947.250	912.881	856.385	801.772	779.645
34.5	938.304	902.994	845.086	790.002	767.404
35.0	928.888	893.578	834.258	778.232	755.634
35.5	919.472	883.692	823.429	766.462	743.864
36.0	910.056	874.276	812.130	754.692	732.565
36.5	900.170	864.389	801.302	743.393	720.795
37.0	890.754	854.031	790.002	731.623	709.966
37.5	880.867	843.674	778.703	720.795	698.196
38.0	870.980	833.787	767.404	709.496	686.426
38.5	861.093	823.429	756.576	698.196	674.656
39.0	851.206	813.072	745.276	686.897	662.886
39.5	840.849	802.714	733.977	676.069	651.116
40.0	830.491	791.886	723.149	664.770	639.346
40.5	820.604	781.528	711.850	653.470	627.576
41.0	810.247	770.700	700.550	641.700	616.277
41.5	799.889	760.342	689.722	629.930	604.978
42.0	789.061	749.984	678.423	618.631	593.679
42.5	779.174	739.156	667.594	606.861	582.850
43.0	768.816	728.328	656.766	595.562	571.080
43.5	757.988	717.970	645.467	584.734	560.723
44.0	747.630	707.142	634.638	573.905	550.365
44.5	736.802	696.313	623.810	562.606	540.008
45.0	725.974	685.956	613.923	551.778	530.121
45.5	715.616	675.127	603.566	541.420	519.763
46.0	704.317	664.299	593.208	531.062	510.347
46.5	693.488	653.470	582.850	520.705	500.460
47.0	682.660	642.642	572.493	510.818	491.044
47.5	671.832	631.814	562.135	500.931	481.628
48.0	661.003	620.985	552.248	491.515	472.212
48.5	649.704	610.157	541.420	482.099	463.173
49.0	638.876	599.328	530.592	472.683	454.087
49.5	627.576	588.500	520.234	463.644	445.094
50.0	616.748	577.672	509.406	454.275	436.102
50.5	605.920	566.843	499.519	445.094	427.204
51.0	595.091	556.486	489.161	436.243	418.777
51.5	584.263	545.657	478.804	427.486	410.208
52.0	573.434	534.829	468.870	418.635	401.734
52.5	562.606	524.471	458.748	409.784	393.542
53.0	551.778	514.114	448.908	401.404	385.114
53.5	541.420	503.756	439.351	393.306	376.734
54.0	531.062	493.869	429.982	384.785	368.731
54.5	520.234	483.982	420.895	376.499	360.915

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV_.IES****CANDELA TABULATION - (Cont.)**

55.0	510.347	473.625	411.950	368.307	353.477
55.5	499.990	463.973	403.146	360.115	345.897
56.0	489.632	454.228	394.342	352.158	338.458
56.5	479.274	444.624	385.726	344.390	331.255
57.0	469.293	434.972	377.111	336.857	324.099
57.5	459.312	425.462	368.636	329.466	317.131
58.0	449.237	416.140	360.539	322.216	310.257
58.5	439.492	406.912	352.394	314.965	303.478
59.0	429.558	397.544	344.014	307.809	296.745
59.5	419.859	388.457	335.775	300.841	290.201
60.0	410.020	379.606	327.771	293.920	283.610
60.5	400.415	370.990	319.862	287.094	277.160
61.0	390.623	362.563	311.952	280.408	270.757
61.5	381.066	354.418	304.278	273.770	264.354
62.0	371.697	346.273	296.463	267.226	258.093
62.5	362.469	338.223	288.742	260.729	251.878
63.0	353.100	330.266	281.209	254.326	245.805
63.5	343.919	322.216	273.864	248.065	239.967
64.0	334.833	313.741	266.661	241.944	234.129
64.5	325.652	304.890	259.646	235.918	228.479
65.0	316.660	296.133	252.678	229.986	222.877
65.5	307.715	287.423	245.711	224.101	217.321
66.0	298.817	279.043	238.837	218.216	211.860
66.5	290.154	270.569	232.057	212.425	206.493
67.0	281.538	262.094	225.372	206.634	201.079
67.5	273.017	253.714	218.828	200.937	195.759
68.0	264.543	245.522	212.284	195.194	190.203
68.5	256.068	237.424	205.740	189.450	184.789
69.0	247.641	229.703	199.195	183.706	179.422
69.5	239.213	222.312	192.793	178.009	174.008
70.0	230.880	214.967	186.437	172.454	168.688
70.5	222.688	207.670	180.175	166.993	163.509
71.0	214.638	200.561	174.008	161.626	158.424
71.5	206.728	193.310	167.934	156.306	153.340
72.0	198.913	186.013	161.908	151.033	148.396
72.5	191.192	178.669	156.023	145.901	143.406
73.0	183.612	171.607	150.185	140.816	138.509
73.5	176.173	164.686	144.489	135.826	133.707
74.0	168.782	157.765	138.980	130.929	128.952
74.5	161.626	150.938	133.519	126.080	124.338
75.0	154.611	144.253	128.105	121.278	119.630
75.5	147.549	137.803	122.690	116.523	114.969
76.0	140.769	131.542	117.370	111.815	110.403
76.5	134.084	125.374	112.145	107.201	105.930
77.0	127.540	119.348	107.107	102.634	101.457
77.5	121.184	113.369	102.117	98.115	97.032
78.0	114.828	107.578	97.173	93.642	92.653
78.5	108.614	101.881	92.324	89.170	88.322
79.0	102.540	96.232	87.569	84.791	84.038
79.5	96.467	90.723	82.955	80.413	79.801
80.0	90.582	85.356	78.435	76.128	75.610
80.5	84.838	80.130	73.963	71.891	71.467
81.0	79.236	74.951	69.584	67.748	67.419
81.5	73.727	69.914	65.206	63.605	63.323
82.0	68.266	64.970	60.922	59.462	59.274
82.5	62.899	60.074	56.684	55.413	55.319

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV_.IES****CANDELA TABULATION - (Cont.)**

83.0	57.767	55.366	52.541	51.411	51.411
83.5	52.824	50.752	48.445	47.551	47.645
84.0	47.927	46.280	44.396	43.784	43.926
84.5	43.219	41.901	40.348	40.018	40.300
85.0	38.511	37.570	36.440	36.346	36.628
85.5	33.898	33.380	32.532	32.721	33.097
86.0	29.425	29.284	28.766	29.190	29.566
86.5	25.094	25.282	25.047	25.706	26.082
87.0	20.904	21.327	21.421	22.222	22.645
87.5	16.855	17.561	17.890	18.785	19.209
88.0	12.947	13.794	14.359	15.348	15.678
88.5	9.275	10.169	10.828	11.723	11.723
89.0	5.932	6.732	7.062	7.439	7.486
89.5	3.060	3.719	4.284	4.661	4.802
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-XSBL-DA-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 : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-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 : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-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 : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	442.65	N.A.	16.20
0-30	916.26	N.A.	33.50
0-40	1438.89	N.A.	52.50
0-60	2295.62	N.A.	83.80
0-80	2697.32	N.A.	98.50
0-90	2738.96	N.A.	100.00
10-90	2623.26	N.A.	95.80
20-40	996.24	N.A.	36.40
20-50	1474.78	N.A.	53.80
40-70	1116.93	N.A.	40.80
60-80	401.71	N.A.	14.70
70-80	141.50	N.A.	5.20
80-90	41.63	N.A.	1.50
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	2739.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	115.70
10-20	326.96
20-30	473.61
30-40	522.63
40-50	478.54
50-60	378.18
60-70	260.21
70-80	141.50
80-90	41.63
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-XSBL-DA-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	100	100	100	100	98	98	98	98	93	93	93	89	89	89	86	86	86	84
1	92	88	85	82	90	87	84	81	83	81	78	80	78	76	77	75	74	72
2	84	78	73	68	82	76	72	67	74	69	66	71	67	64	68	65	63	61
3	78	69	63	58	76	68	62	57	66	60	56	63	59	55	61	57	54	53
4	71	62	55	50	70	61	54	49	59	53	49	57	52	48	55	51	47	46
5	66	56	49	43	64	55	48	43	53	47	43	52	46	42	50	45	42	40
6	61	51	43	38	60	50	43	38	48	42	38	47	42	38	46	41	37	36
7	57	46	39	34	56	46	39	34	44	38	34	43	38	34	42	37	33	32
8	53	42	36	31	52	42	35	31	41	35	31	40	34	30	39	34	30	29
9	50	39	32	28	49	39	32	28	38	32	28	37	31	28	36	31	27	26
10	47	36	30	26	46	36	30	25	35	29	25	34	29	25	33	29	25	24

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4-5-L8-935L-L10-935P-2-DMA-XSBL-DA-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

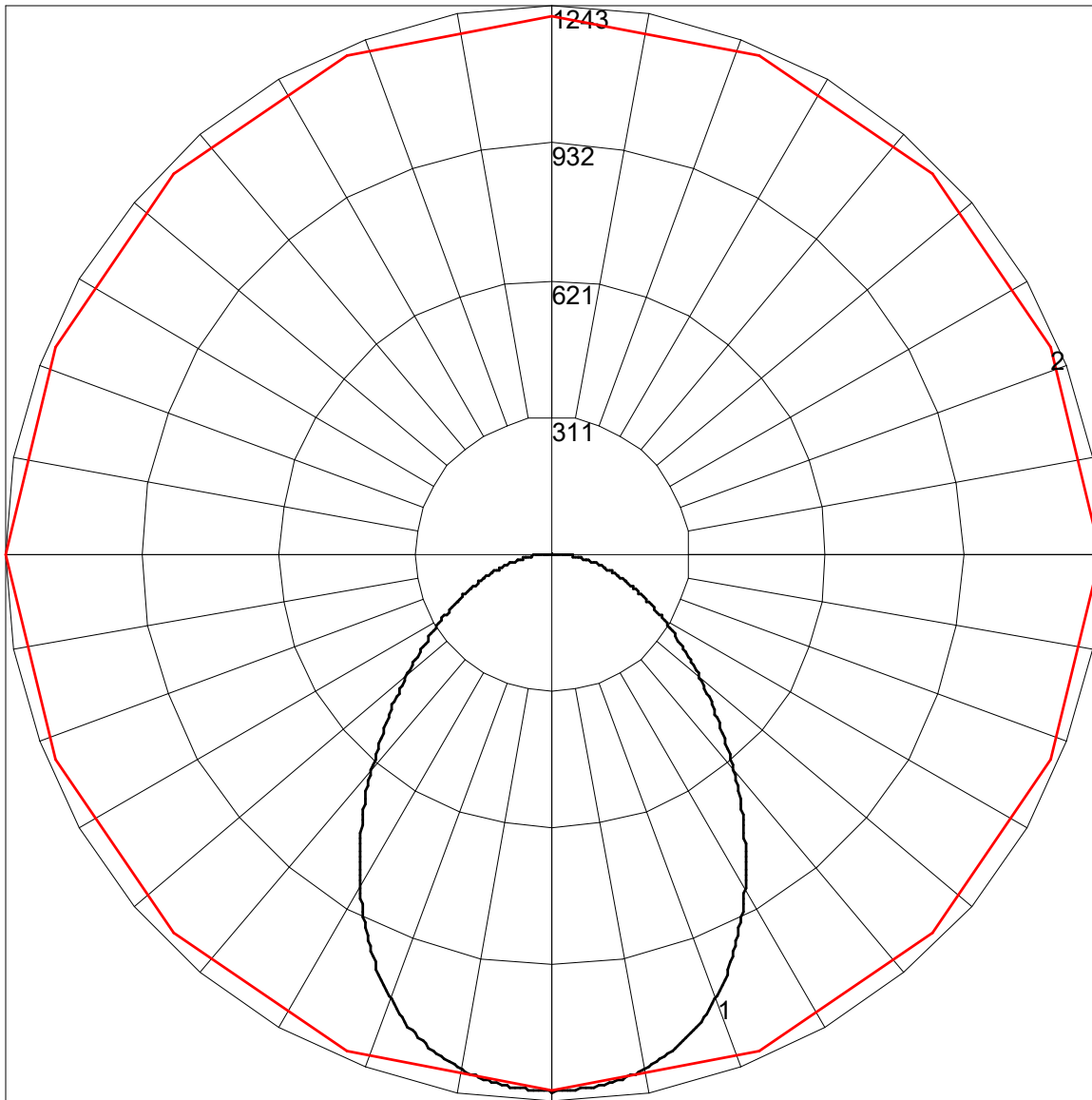
X=2H	Y=2H	19.0	20.6	19.4	20.9	21.2	17.1	18.7	17.5	19.0	19.3
	3H	20.6	22.0	21.0	22.3	22.7	18.7	20.1	19.1	20.4	20.8
	4H	21.2	22.5	21.6	22.8	23.2	19.3	20.6	19.7	21.0	21.3
	6H	21.6	22.8	22.0	23.2	23.5	19.8	21.0	20.2	21.4	21.7
	8H	21.7	22.9	22.1	23.2	23.6	19.9	21.1	20.4	21.5	21.9
	12H	21.8	22.9	22.2	23.3	23.7	20.1	21.2	20.5	21.6	22.0

UGR Viewed Endwise

4H	2H	19.4	20.7	19.8	21.0	21.4	17.8	19.1	18.2	19.5	19.8
	3H	21.2	22.3	21.6	22.7	23.1	19.6	20.7	20.0	21.1	21.5
	4H	21.9	22.9	22.3	23.3	23.7	20.3	21.3	20.7	21.7	22.1
	6H	22.4	23.3	22.9	23.7	24.2	20.9	21.8	21.4	22.2	22.7
	8H	22.6	23.4	23.1	23.8	24.3	21.1	21.9	21.6	22.4	22.8
	12H	22.7	23.4	23.2	23.9	24.4	21.3	22.0	21.8	22.5	23.0
8H	4H	22.1	22.8	22.5	23.3	23.8	20.6	21.4	21.1	21.9	22.4
	6H	22.7	23.4	23.2	23.8	24.3	21.4	22.0	21.9	22.5	23.0
	8H	22.9	23.5	23.4	24.0	24.5	21.7	22.3	22.2	22.8	23.2
	12H	23.1	23.7	23.6	24.2	24.7	21.9	22.4	22.4	22.9	23.5
12H	4H	22.0	22.8	22.5	23.2	23.7	20.7	21.4	21.1	21.9	22.3
	6H	22.7	23.3	23.2	23.8	24.3	21.4	22.0	22.0	22.5	23.0
	8H	23.0	23.5	23.5	24.0	24.6	21.8	22.3	22.3	22.8	23.4

Maximum UGR = 24.7

POLAR GRAPH



Maximum Candela = 1242.912 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.)