

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P935372

Luminaire Tested: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935372
REPORT IS A COMBINATION OF REPORTS P933752 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

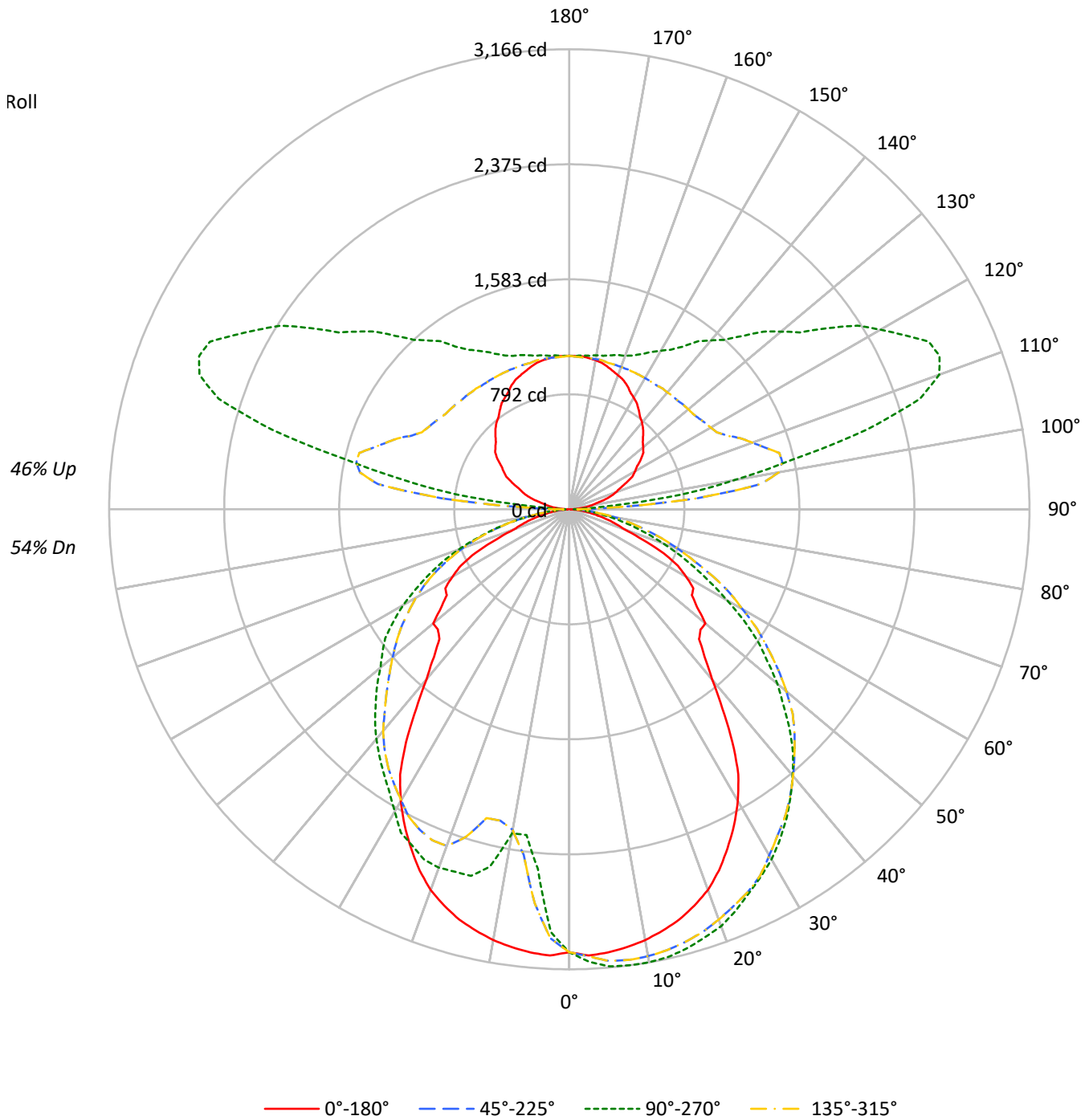
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14752.4 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 137.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935372
CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

Luminous Intensity Polar Plot



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																					
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54																			
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45																			
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38																			
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32																			
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28																			
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24																			
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21																			
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19																			
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17																			
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15																			
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14141	14141	14141	14141
5°	14246	14274	14246	11224
10°	14151	14060	14151	10053
15°	13997	13756	13997	11487
20°	13705	13395	13705	11511
25°	13105	12869	13105	11267
30°	12331	12432	12331	10731
35°	10993	11879	10993	10143
40°	9160	11229	9160	9698
45°	8184	10467	8184	9186
50°	8694	9558	8694	8674
55°	8181	8580	8181	8376
60°	8432	7287	8432	7672
65°	7646	6023	7646	6733
70°	5294	4800	5294	5644
75°	4641	3549	4641	4248
80°	3742	2346	3742	2555
85°	2147	1243	2147	1057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12543 cd/sqm



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.1	1.9
10°-20°	781.1	5.3
20°-30°	1207.5	8.2
30°-40°	1441.5	9.8
40°-50°	1449.9	9.8
50°-60°	1261.6	8.6
60°-70°	894.5	6.1
70°-80°	473.2	3.2
80°-90°	121.9	0.8
90°-100°	514.8	3.5
100°-110°	1353.4	9.2
110°-120°	1403.3	9.5
120°-130°	1125.6	7.6
130°-140°	883.2	6.0
140°-150°	677.9	4.6
150°-160°	488.2	3.3
160°-170°	298.7	2.0
170°-180°	100.9	0.7
0°-30°	2263.7	15.3
0°-40°	3705.2	25.1
0°-60°	6416.7	43.5
0°-90°	7906.3	53.6
90°-120°	3271.5	22.2
90°-150°	5958.2	40.4
90°-180°	6846.0	46.4
0°-180°	14752.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3048	3048	3048	3048	3048	
5°	3062	3157	3062	2483	3062	290
15°	2924	3128	2924	2612	2924	823
25°	2575	2918	2575	2555	2575	1182
35°	1958	2604	1958	2223	1958	1211
45°	1263	2145	1263	1883	1263	1012
55°	1029	1583	1029	1546	1029	946
65°	715	954	715	1067	715	683
75°	271	453	271	542	271	285
85°	46	115	46	98	46	62
90°	7	27	7	27	7	8
95°	68	311	68	311	68	76
105°	244	2119	244	2119	244	258
115°	433	2729	433	2729	433	428
125°	602	2173	602	2173	602	535
135°	718	1686	718	1686	718	555
145°	833	1368	833	1368	833	522
155°	941	1178	941	1178	941	432
165°	1016	1097	1016	1097	1016	287
175°	1056	1063	1056	1063	1056	100
180°	1056	1056	1056	1056	1056	



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3073.7	3073.7	3091.0	3096.8	3096.8	3088.2	3079.5	3088.2	3114.1	3122.8	3119.9
5°	3062.2	3085.3	3117.0	3122.8	3128.5	3125.6	3119.9	3125.6	3154.4	3160.2	3163.1
7.5°	3039.1	3082.4	3122.8	3131.4	3140.0	3131.4	3128.5	3134.3	3163.1	3168.8	3168.8
10°	3010.3	3070.9	3117.0	3122.8	3131.4	3122.8	3122.8	3134.3	3163.1	3168.8	3171.7
12.5°	2969.9	3053.5	3096.8	3102.6	3114.1	3111.2	3108.4	3119.9	3148.7	3154.4	3154.4
15°	2923.8	3021.8	3062.2	3068.0	3088.2	3082.4	3082.4	3093.9	3125.6	3134.3	3131.4
17.5°	2860.3	2981.4	3027.6	3036.2	3050.7	3047.8	3050.7	3062.2	3091.0	3096.8	3099.7
20°	2788.3	2926.6	2981.4	2990.1	3004.5	3004.5	3004.5	3018.9	3047.8	3059.3	3059.3
22.5°	2690.2	2869.0	2926.6	2932.4	2949.7	2949.7	2955.5	2975.7	3001.6	3004.5	3004.5
25°	2574.9	2805.6	2854.5	2871.8	2889.1	2897.8	2906.5	2918.0	2926.6	2923.8	2926.6
27.5°	2453.8	2724.8	2788.3	2799.8	2822.8	2831.5	2843.0	2845.9	2848.8	2857.4	2851.6
30°	2318.3	2612.4	2707.5	2719.1	2756.6	2762.3	2750.8	2756.6	2771.0	2776.8	2782.5
32.5°	2165.4	2445.2	2623.9	2649.9	2684.5	2667.2	2664.3	2672.9	2696.0	2696.0	2701.8
35°	1957.8	2315.4	2546.0	2569.1	2595.0	2574.9	2586.4	2589.3	2603.7	2612.4	2609.5
37.5°	1730.1	2202.9	2465.3	2482.6	2502.8	2476.8	2494.1	2502.8	2514.3	2508.5	2508.5
40°	1528.2	2027.0	2370.2	2381.7	2399.0	2378.8	2396.1	2401.9	2407.7	2401.9	2399.0
42.5°	1378.3	1833.8	2269.2	2283.6	2272.1	2286.5	2292.3	2303.8	2295.2	2283.6	2283.6
45°	1262.9	1782.0	2159.6	2176.9	2159.6	2182.7	2191.4	2191.4	2165.4	2159.6	2156.8
47.5°	1225.4	1678.1	2050.1	2050.1	2041.5	2070.3	2084.7	2064.5	2038.6	2029.9	2029.9
50°	1222.5	1562.8	1900.1	1888.6	1929.0	1963.6	1949.2	1929.0	1908.8	1877.1	1877.1
52.5°	1110.1	1421.5	1707.0	1750.3	1813.7	1833.8	1810.8	1790.6	1756.0	1741.6	1730.1
55°	1029.4	1274.5	1531.1	1617.6	1683.9	1709.9	1666.6	1646.4	1594.5	1585.9	1580.1
57.5°	1012.1	1061.1	1369.6	1479.2	1559.9	1557.0	1531.1	1493.6	1450.4	1441.7	1438.9
60°	928.4	767.0	1196.6	1326.4	1410.0	1401.4	1378.3	1343.7	1303.3	1297.5	1291.8
62.5°	841.9	556.5	1000.5	1147.6	1265.8	1262.9	1242.7	1190.8	1162.0	1147.6	1136.1
65°	715.1	467.2	712.2	954.4	1124.6	1130.3	1087.1	1049.6	1017.8	1000.5	997.7
67.5°	544.9	380.6	481.6	795.9	989.0	983.2	928.4	911.1	870.8	862.1	844.8
70°	403.7	253.7	334.5	645.9	856.3	841.9	798.7	778.6	741.1	720.9	709.3
72.5°	334.5	204.7	245.1	501.7	720.9	703.6	666.1	643.0	611.3	594.0	582.4
75°	271.0	216.2	187.4	372.0	585.3	573.8	539.2	516.1	490.2	467.2	470.0
77.5°	198.9	201.8	150.0	273.9	464.3	447.0	426.8	397.9	386.4	363.3	363.3
80°	150.0	158.6	112.5	187.4	334.5	334.5	317.2	297.0	276.8	265.3	265.3
82.5°	100.9	100.9	83.6	118.3	227.8	219.1	207.6	201.8	190.3	184.5	184.5
85°	46.1	57.7	51.9	72.1	124.0	129.8	129.8	124.0	121.1	115.4	118.3
87.5°	14.4	26.0	31.7	40.4	63.5	66.3	69.2	69.2	69.2	72.1	72.1
90°	7.1	12.8	18.4	19.9	31.2	46.3	53.8	47.9	35.9	26.9	26.9
92.5°	28.4	76.6	124.8	136.8	192.3	266.3	303.3	265.8	190.9	134.7	129.3
95°	68.1	156.3	244.4	266.5	473.2	748.8	886.7	791.3	600.3	457.2	441.0
97.5°	117.7	195.4	273.3	292.7	637.5	1097.0	1326.8	1266.5	1145.9	1055.4	1024.5
100°	155.9	226.5	297.1	314.7	697.2	1207.2	1462.2	1466.6	1475.4	1482.1	1445.2
102.5°	188.5	254.3	320.2	336.6	724.5	1241.8	1500.5	1577.3	1731.1	1846.4	1814.8
105°	243.8	299.6	355.3	369.3	744.9	1245.8	1496.2	1668.5	2013.1	2271.6	2254.6
107.5°	300.5	352.5	404.4	417.5	748.7	1190.3	1411.2	1651.5	2132.2	2492.7	2496.8
110°	338.8	385.7	432.6	444.4	743.0	1141.2	1340.3	1609.0	2146.4	2549.4	2567.1



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	376.3	421.1	465.9	477.0	743.3	1098.3	1275.8	1550.8	2100.8	2513.3	2540.4
115°	433.1	474.3	515.6	525.9	750.1	1049.1	1198.5	1463.5	1993.3	2390.7	2428.3
117.5°	489.0	526.5	564.0	573.4	764.1	1018.2	1145.3	1384.4	1862.6	2221.2	2262.9
120°	521.7	557.0	592.2	601.0	775.4	1007.9	1124.1	1342.6	1779.5	2107.2	2147.6
122.5°	553.5	589.2	624.8	633.6	791.7	1002.4	1107.8	1304.5	1698.0	1993.1	2033.0
125°	602.4	634.9	667.4	675.5	813.7	997.9	1090.0	1257.2	1591.5	1842.1	1878.9
127.5°	642.2	674.9	707.7	715.9	835.6	995.4	1075.2	1218.7	1505.7	1720.9	1751.9
130°	663.4	698.6	733.9	742.8	851.7	996.9	1069.5	1197.2	1452.7	1644.4	1673.0
132.5°	685.3	720.6	755.9	764.8	864.7	997.9	1064.6	1178.9	1407.6	1579.1	1604.7
135°	718.0	750.1	782.3	790.3	878.9	997.0	1056.1	1151.8	1343.3	1487.0	1509.1
137.5°	751.3	783.1	814.9	822.9	900.1	1003.1	1054.6	1135.5	1297.5	1418.9	1437.1
140°	778.9	808.2	837.5	844.8	913.1	1004.2	1049.7	1119.6	1259.5	1364.4	1381.3
142.5°	800.2	827.3	854.4	861.1	924.0	1007.7	1049.7	1111.1	1234.0	1326.1	1340.7
145°	832.8	856.4	880.1	886.0	938.2	1007.8	1042.6	1092.9	1193.3	1268.7	1279.7
147.5°	865.4	888.4	911.4	917.2	959.0	1014.7	1042.6	1082.1	1161.2	1220.5	1229.6
150°	886.7	907.5	928.3	933.5	969.8	1018.3	1042.6	1076.0	1142.8	1192.9	1200.3
152.5°	908.7	924.4	940.2	944.1	976.9	1020.7	1042.6	1071.1	1128.1	1170.9	1176.5
155°	941.2	952.9	964.5	967.4	992.5	1025.9	1042.6	1065.3	1110.7	1144.7	1148.3
157.5°	965.3	976.6	988.1	990.9	1008.1	1031.1	1042.6	1060.2	1095.5	1122.0	1124.6
160°	981.7	990.5	999.3	1001.5	1015.2	1033.5	1042.6	1057.8	1088.0	1110.7	1112.2
162.5°	997.9	1004.6	1011.2	1012.9	1022.7	1035.9	1042.6	1055.4	1080.8	1100.0	1101.5
165°	1015.7	1021.6	1027.6	1029.1	1033.6	1039.6	1042.6	1051.7	1070.0	1083.7	1085.3
167.5°	1031.9	1034.8	1037.7	1038.3	1042.1	1047.1	1049.7	1055.6	1067.6	1076.6	1077.2
170°	1042.6	1045.4	1048.3	1049.0	1049.2	1049.5	1049.7	1055.6	1067.6	1076.6	1076.6
172.5°	1048.3	1048.9	1049.5	1049.7	1049.7	1049.7	1049.7	1054.4	1063.9	1071.0	1070.5
175°	1056.1	1056.1	1056.1	1056.1	1053.9	1051.1	1049.7	1052.6	1058.6	1063.1	1063.1
177.5°	1056.1	1056.1	1056.1	1056.1	1054.4	1052.2	1051.1	1053.5	1058.2	1061.8	1061.2
180°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3125.6	3117.0	3125.6	3119.9	3122.8	3114.1	3088.2	3079.5	3088.2	3096.8	3096.8
5°	3163.1	3157.3	3163.1	3163.1	3160.2	3154.4	3125.6	3119.9	3125.6	3128.5	3122.8
7.5°	3174.6	3165.9	3174.6	3168.8	3168.8	3163.1	3134.3	3128.5	3131.4	3140.0	3131.4
10°	3174.6	3165.9	3174.6	3171.7	3168.8	3163.1	3134.3	3122.8	3122.8	3131.4	3122.8
12.5°	3160.2	3154.4	3160.2	3154.4	3154.4	3148.7	3119.9	3108.4	3111.2	3114.1	3102.6
15°	3137.1	3128.5	3137.1	3131.4	3134.3	3125.6	3093.9	3082.4	3082.4	3088.2	3068.0
17.5°	3102.6	3091.0	3102.6	3099.7	3096.8	3091.0	3062.2	3050.7	3047.8	3050.7	3036.2
20°	3062.2	3053.5	3062.2	3059.3	3059.3	3047.8	3018.9	3004.5	3004.5	3004.5	2990.1
22.5°	2998.7	2990.1	2998.7	3004.5	3004.5	3001.6	2975.7	2955.5	2949.7	2949.7	2932.4
25°	2926.6	2918.0	2926.6	2926.6	2923.8	2926.6	2918.0	2906.5	2897.8	2889.1	2871.8
27.5°	2857.4	2851.6	2857.4	2851.6	2857.4	2848.8	2845.9	2843.0	2831.5	2822.8	2799.8
30°	2788.3	2782.5	2788.3	2782.5	2776.8	2771.0	2756.6	2750.8	2762.3	2756.6	2719.1
32.5°	2701.8	2696.0	2701.8	2701.8	2696.0	2696.0	2672.9	2664.3	2667.2	2684.5	2649.9
35°	2612.4	2603.7	2612.4	2609.5	2612.4	2603.7	2589.3	2586.4	2574.9	2595.0	2569.1
37.5°	2508.5	2499.9	2508.5	2508.5	2508.5	2514.3	2502.8	2494.1	2476.8	2502.8	2482.6
40°	2401.9	2390.4	2401.9	2399.0	2401.9	2407.7	2401.9	2396.1	2378.8	2399.0	2381.7
42.5°	2280.8	2277.9	2280.8	2283.6	2283.6	2295.2	2303.8	2292.3	2286.5	2272.1	2283.6
45°	2151.0	2145.3	2151.0	2156.8	2159.6	2165.4	2191.4	2191.4	2182.7	2159.6	2176.9
47.5°	2012.6	1998.2	2012.6	2029.9	2029.9	2038.6	2064.5	2084.7	2070.3	2041.5	2050.1
50°	1865.5	1868.4	1865.5	1877.1	1877.1	1908.8	1929.0	1949.2	1963.6	1929.0	1888.6
52.5°	1721.4	1718.5	1721.4	1730.1	1741.6	1756.0	1790.6	1810.8	1833.8	1813.7	1750.3
55°	1577.2	1583.0	1577.2	1580.1	1585.9	1594.5	1646.4	1666.6	1709.9	1683.9	1617.6
57.5°	1433.1	1424.4	1433.1	1438.9	1441.7	1450.4	1493.6	1531.1	1557.0	1559.9	1479.2
60°	1265.8	1254.3	1265.8	1291.8	1297.5	1303.3	1343.7	1378.3	1401.4	1410.0	1326.4
62.5°	1118.8	1098.6	1118.8	1136.1	1147.6	1162.0	1190.8	1242.7	1262.9	1265.8	1147.6
65°	963.0	954.4	963.0	997.7	1000.5	1017.8	1049.6	1087.1	1130.3	1124.6	954.4
67.5°	821.8	821.8	821.8	844.8	862.1	870.8	911.1	928.4	983.2	989.0	795.9
70°	692.0	689.1	692.0	709.3	720.9	741.1	778.6	798.7	841.9	856.3	645.9
72.5°	568.0	565.1	568.0	582.4	594.0	611.3	643.0	666.1	703.6	720.9	501.7
75°	458.5	452.7	458.5	470.0	467.2	490.2	516.1	539.2	573.8	585.3	372.0
77.5°	351.8	351.8	351.8	363.3	363.3	386.4	397.9	426.8	447.0	464.3	273.9
80°	262.4	259.5	262.4	265.3	265.3	276.8	297.0	317.2	334.5	334.5	187.4
82.5°	184.5	178.7	184.5	184.5	184.5	190.3	201.8	207.6	219.1	227.8	118.3
85°	115.4	115.4	115.4	118.3	115.4	121.1	124.0	129.8	129.8	124.0	72.1
87.5°	75.0	72.1	75.0	72.1	72.1	69.2	69.2	69.2	66.3	63.5	40.4
90°	26.9	26.9	26.9	26.9	26.9	35.9	47.9	53.8	46.3	31.2	19.9
92.5°	107.9	86.5	107.9	129.3	134.7	190.9	265.8	303.3	266.3	192.3	136.8
95°	376.1	311.2	376.1	441.0	457.2	600.3	791.3	886.7	748.8	473.2	266.5
97.5°	901.0	777.5	901.0	1024.5	1055.4	1145.9	1266.5	1326.8	1097.0	637.5	292.7
100°	1298.2	1151.1	1298.2	1445.2	1482.1	1475.4	1466.6	1462.2	1207.2	697.2	314.7
102.5°	1688.8	1562.8	1688.8	1814.8	1846.4	1731.1	1577.3	1500.5	1241.8	724.5	336.6
105°	2186.9	2119.2	2186.9	2254.6	2271.6	2013.1	1668.5	1496.2	1245.8	744.9	369.3
107.5°	2513.2	2529.6	2513.2	2496.8	2492.7	2132.2	1651.5	1411.2	1190.3	748.7	417.5
110°	2637.6	2708.2	2637.6	2567.1	2549.4	2146.4	1609.0	1340.3	1141.2	743.0	444.4



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2648.7	2757.1	2648.7	2540.4	2513.3	2100.8	1550.8	1275.8	1098.3	743.3	477.0
115°	2578.5	2728.8	2578.5	2428.3	2390.7	1993.3	1463.5	1198.5	1049.1	750.1	525.9
117.5°	2429.6	2596.2	2429.6	2262.9	2221.2	1862.6	1384.4	1145.3	1018.2	764.1	573.4
120°	2309.6	2471.5	2309.6	2147.6	2107.2	1779.5	1342.6	1124.1	1007.9	775.4	601.0
122.5°	2192.7	2352.4	2192.7	2033.0	1993.1	1698.0	1304.5	1107.8	1002.4	791.7	633.6
125°	2026.0	2173.1	2026.0	1878.9	1842.1	1591.5	1257.2	1090.0	997.9	813.7	675.5
127.5°	1876.0	2000.2	1876.0	1751.9	1720.9	1505.7	1218.7	1075.2	995.4	835.6	715.9
130°	1787.7	1902.3	1787.7	1673.0	1644.4	1452.7	1197.2	1069.5	996.9	851.7	742.8
132.5°	1707.5	1810.2	1707.5	1604.7	1579.1	1407.6	1178.9	1064.6	997.9	864.7	764.8
135°	1597.7	1686.2	1597.7	1509.1	1487.0	1343.3	1151.8	1056.1	997.0	878.9	790.3
137.5°	1509.5	1582.0	1509.5	1437.1	1418.9	1297.5	1135.5	1054.6	1003.1	900.1	822.9
140°	1449.0	1516.7	1449.0	1381.3	1364.4	1259.5	1119.6	1049.7	1004.2	913.1	844.8
142.5°	1399.0	1457.3	1399.0	1340.7	1326.1	1234.0	1111.1	1049.7	1007.7	924.0	861.1
145°	1323.8	1367.9	1323.8	1279.7	1268.7	1193.3	1092.9	1042.6	1007.8	938.2	886.0
147.5°	1266.2	1302.7	1266.2	1229.6	1220.5	1161.2	1082.1	1042.6	1014.7	959.0	917.2
150°	1229.9	1259.5	1229.9	1200.3	1192.9	1142.8	1076.0	1042.6	1018.3	969.8	933.5
152.5°	1198.8	1221.2	1198.8	1176.5	1170.9	1128.1	1071.1	1042.6	1020.7	976.9	944.1
155°	1163.2	1178.0	1163.2	1148.3	1144.7	1110.7	1065.3	1042.6	1025.9	992.5	967.4
157.5°	1134.9	1145.3	1134.9	1124.6	1122.0	1095.5	1060.2	1042.6	1031.1	1008.1	990.9
160°	1118.2	1124.1	1118.2	1112.2	1110.7	1088.0	1057.8	1042.6	1033.5	1015.2	1001.5
162.5°	1107.1	1112.8	1107.1	1101.5	1100.0	1080.8	1055.4	1042.6	1035.9	1022.7	1012.9
165°	1091.2	1097.2	1091.2	1085.3	1083.7	1070.0	1051.7	1042.6	1039.6	1033.6	1029.1
167.5°	1079.7	1082.3	1079.7	1077.2	1076.6	1067.6	1055.6	1049.7	1047.1	1042.1	1038.3
170°	1076.6	1076.6	1076.6	1076.6	1076.6	1067.6	1055.6	1049.7	1049.5	1049.2	1049.0
172.5°	1068.2	1066.0	1068.2	1070.5	1071.0	1063.9	1054.4	1049.7	1049.7	1049.7	1049.7
175°	1063.1	1063.1	1063.1	1063.1	1063.1	1058.6	1052.6	1049.7	1051.1	1053.9	1056.1
177.5°	1058.6	1056.1	1058.6	1061.2	1061.8	1058.2	1053.5	1051.1	1052.2	1054.4	1056.1
180°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3091.0	3073.7	3073.7	3044.9	3033.4	3024.7	3010.3	2967.0	2955.5	2943.9	2961.3
5°	3117.0	3085.3	3062.2	3010.3	2967.0	2949.7	2894.9	2791.2	2722.0	2670.0	2641.2
7.5°	3122.8	3082.4	3039.1	2958.4	2854.5	2808.4	2641.2	2450.9	2399.0	2352.9	2324.0
10°	3117.0	3070.9	3010.3	2889.1	2644.1	2563.3	2396.1	2272.1	2240.4	2231.7	2240.4
12.5°	3096.8	3053.5	2969.9	2768.1	2425.0	2370.2	2272.1	2200.0	2194.2	2208.7	2286.5
15°	3062.2	3021.8	2923.8	2606.6	2303.8	2263.5	2194.2	2168.3	2200.0	2301.0	2534.5
17.5°	3027.6	2981.4	2860.3	2448.1	2211.5	2182.7	2133.7	2185.6	2364.4	2499.9	2577.7
20°	2981.4	2926.6	2788.3	2332.7	2145.3	2119.3	2096.3	2329.8	2465.3	2514.3	2557.6
22.5°	2926.6	2869.0	2690.2	2251.9	2076.1	2055.9	2070.3	2410.6	2465.3	2499.9	2537.4
25°	2854.5	2805.6	2574.9	2188.5	2021.3	1998.2	2053.0	2401.9	2433.6	2442.3	2517.2
27.5°	2788.3	2724.8	2453.8	2130.9	1954.9	1946.3	2067.4	2364.4	2387.5	2396.1	2476.8
30°	2707.5	2612.4	2318.3	2070.3	1885.7	1882.8	2070.3	2318.3	2312.5	2335.6	2416.3
32.5°	2623.9	2445.2	2165.4	1995.3	1819.4	1816.5	2050.1	2249.0	2243.3	2275.0	2335.6
35°	2546.0	2315.4	1957.8	1908.8	1735.8	1738.7	2001.1	2168.3	2171.2	2200.0	2237.5
37.5°	2465.3	2202.9	1730.1	1813.7	1655.1	1655.1	1934.7	2093.4	2087.6	2096.3	2148.1
40°	2370.2	2027.0	1528.2	1689.7	1580.1	1571.4	1854.0	2012.6	1992.4	1989.6	2061.7
42.5°	2269.2	1833.8	1378.3	1525.3	1493.6	1482.1	1756.0	1914.6	1877.1	1885.7	1978.0
45°	2159.6	1782.0	1262.9	1288.9	1404.2	1395.6	1649.3	1802.2	1776.2	1799.3	1894.4
47.5°	2050.1	1678.1	1225.4	1069.8	1309.1	1306.2	1531.1	1692.6	1678.1	1701.2	1802.2
50°	1900.1	1562.8	1222.5	916.9	1202.3	1213.9	1389.8	1585.9	1585.9	1606.0	1712.8
52.5°	1707.0	1421.5	1110.1	830.4	1078.4	1113.0	1265.8	1493.6	1499.3	1519.5	1614.7
55°	1531.1	1274.5	1029.4	764.1	931.3	1006.3	1144.7	1398.5	1410.0	1430.2	1516.6
57.5°	1369.6	1061.1	1012.1	686.3	795.9	867.9	1038.0	1306.2	1311.9	1329.3	1412.9
60°	1196.6	767.0	928.4	602.6	677.6	732.4	940.0	1196.6	1216.8	1228.3	1300.4
62.5°	1000.5	556.5	841.9	544.9	619.9	631.5	859.2	1092.8	1118.8	1127.5	1170.6
65°	712.2	467.2	715.1	495.9	559.3	562.2	772.8	986.1	1009.2	1023.6	1055.3
67.5°	481.6	380.6	544.9	449.8	513.2	516.1	689.1	862.1	893.8	905.4	925.6
70°	334.5	253.7	403.7	400.8	461.4	467.2	599.7	749.7	778.6	787.2	798.7
72.5°	245.1	204.7	334.5	360.4	406.6	412.4	507.5	622.8	651.6	660.3	666.1
75°	187.4	216.2	271.0	314.3	346.0	348.9	415.2	507.5	527.6	533.4	536.3
77.5°	150.0	201.8	198.9	253.7	282.6	276.8	325.8	392.2	409.5	409.5	409.5
80°	112.5	158.6	150.0	181.6	207.6	201.8	233.5	279.7	285.4	291.2	288.3
82.5°	83.6	100.9	100.9	115.4	138.4	132.7	155.7	181.6	181.6	181.6	187.4
85°	51.9	57.7	46.1	60.6	77.9	75.0	86.5	98.1	100.9	100.9	95.2
87.5°	31.7	26.0	14.4	23.1	34.6	34.6	40.4	43.3	40.4	40.4	40.4
90°	18.4	12.8	7.1	12.8	18.4	19.9	31.2	46.3	53.8	47.9	35.9
92.5°	124.8	76.6	28.4	76.6	124.8	136.8	192.3	266.3	303.3	265.8	190.9
95°	244.4	156.3	68.1	156.3	244.4	266.5	473.2	748.8	886.7	791.3	600.3
97.5°	273.3	195.4	117.7	195.4	273.3	292.7	637.5	1097.0	1326.8	1266.5	1145.9
100°	297.1	226.5	155.9	226.5	297.1	314.7	697.2	1207.2	1462.2	1466.6	1475.4
102.5°	320.2	254.3	188.5	254.3	320.2	336.6	724.5	1241.8	1500.5	1577.3	1731.1
105°	355.3	299.6	243.8	299.6	355.3	369.3	744.9	1245.8	1496.2	1668.5	2013.1
107.5°	404.4	352.5	300.5	352.5	404.4	417.5	748.7	1190.3	1411.2	1651.5	2132.2
110°	432.6	385.7	338.8	385.7	432.6	444.4	743.0	1141.2	1340.3	1609.0	2146.4



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	465.9	421.1	376.3	421.1	465.9	477.0	743.3	1098.3	1275.8	1550.8	2100.8
115°	515.6	474.3	433.1	474.3	515.6	525.9	750.1	1049.1	1198.5	1463.5	1993.3
117.5°	564.0	526.5	489.0	526.5	564.0	573.4	764.1	1018.2	1145.3	1384.4	1862.6
120°	592.2	557.0	521.7	557.0	592.2	601.0	775.4	1007.9	1124.1	1342.6	1779.5
122.5°	624.8	589.2	553.5	589.2	624.8	633.6	791.7	1002.4	1107.8	1304.5	1698.0
125°	667.4	634.9	602.4	634.9	667.4	675.5	813.7	997.9	1090.0	1257.2	1591.5
127.5°	707.7	674.9	642.2	674.9	707.7	715.9	835.6	995.4	1075.2	1218.7	1505.7
130°	733.9	698.6	663.4	698.6	733.9	742.8	851.7	996.9	1069.5	1197.2	1452.7
132.5°	755.9	720.6	685.3	720.6	755.9	764.8	864.7	997.9	1064.6	1178.9	1407.6
135°	782.3	750.1	718.0	750.1	782.3	790.3	878.9	997.0	1056.1	1151.8	1343.3
137.5°	814.9	783.1	751.3	783.1	814.9	822.9	900.1	1003.1	1054.6	1135.5	1297.5
140°	837.5	808.2	778.9	808.2	837.5	844.8	913.1	1004.2	1049.7	1119.6	1259.5
142.5°	854.4	827.3	800.2	827.3	854.4	861.1	924.0	1007.7	1049.7	1111.1	1234.0
145°	880.1	856.4	832.8	856.4	880.1	886.0	938.2	1007.8	1042.6	1092.9	1193.3
147.5°	911.4	888.4	865.4	888.4	911.4	917.2	959.0	1014.7	1042.6	1082.1	1161.2
150°	928.3	907.5	886.7	907.5	928.3	933.5	969.8	1018.3	1042.6	1076.0	1142.8
152.5°	940.2	924.4	908.7	924.4	940.2	944.1	976.9	1020.7	1042.6	1071.1	1128.1
155°	964.5	952.9	941.2	952.9	964.5	967.4	992.5	1025.9	1042.6	1065.3	1110.7
157.5°	988.1	976.6	965.3	976.6	988.1	990.9	1008.1	1031.1	1042.6	1060.2	1095.5
160°	999.3	990.5	981.7	990.5	999.3	1001.5	1015.2	1033.5	1042.6	1057.8	1088.0
162.5°	1011.2	1004.6	997.9	1004.6	1011.2	1012.9	1022.7	1035.9	1042.6	1055.4	1080.8
165°	1027.6	1021.6	1015.7	1021.6	1027.6	1029.1	1033.6	1039.6	1042.6	1051.7	1070.0
167.5°	1037.7	1034.8	1031.9	1034.8	1037.7	1038.3	1042.1	1047.1	1049.7	1055.6	1067.6
170°	1048.3	1045.4	1042.6	1045.4	1048.3	1049.0	1049.2	1049.5	1049.7	1055.6	1067.6
172.5°	1049.5	1048.9	1048.3	1048.9	1049.5	1049.7	1049.7	1049.7	1049.7	1054.4	1063.9
175°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1053.9	1051.1	1049.7	1052.6	1058.6
177.5°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1054.4	1052.2	1051.1	1053.5	1058.2
180°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1



TEST NUMBER: P935372
 CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	2941.1	2932.4	2943.9	2912.2	2943.9	2932.4	2941.1	2961.3	2943.9	2955.5	2967.0
5°	2580.6	2566.2	2520.1	2482.6	2520.1	2566.2	2580.6	2641.2	2670.0	2722.0	2791.2
7.5°	2306.7	2295.2	2283.6	2260.6	2283.6	2295.2	2306.7	2324.0	2352.9	2399.0	2450.9
10°	2246.2	2249.0	2266.3	2263.5	2266.3	2249.0	2246.2	2240.4	2231.7	2240.4	2272.1
12.5°	2401.9	2427.9	2522.9	2517.2	2522.9	2427.9	2401.9	2286.5	2208.7	2194.2	2200.0
15°	2580.6	2589.3	2609.5	2612.4	2609.5	2589.3	2580.6	2534.5	2301.0	2200.0	2168.3
17.5°	2597.9	2600.8	2615.2	2615.2	2615.2	2600.8	2597.9	2577.7	2499.9	2364.4	2185.6
20°	2583.5	2589.3	2618.1	2623.9	2618.1	2589.3	2583.5	2557.6	2514.3	2465.3	2329.8
22.5°	2577.7	2589.3	2612.4	2609.5	2612.4	2589.3	2577.7	2537.4	2499.9	2465.3	2410.6
25°	2548.9	2548.9	2551.8	2554.7	2551.8	2548.9	2548.9	2517.2	2442.3	2433.6	2401.9
27.5°	2488.4	2494.1	2511.4	2508.5	2511.4	2494.1	2488.4	2476.8	2396.1	2387.5	2364.4
30°	2433.6	2427.9	2413.4	2401.9	2413.4	2427.9	2433.6	2416.3	2335.6	2312.5	2318.3
32.5°	2341.3	2326.9	2312.5	2303.8	2312.5	2326.9	2341.3	2335.6	2275.0	2243.3	2249.0
35°	2231.7	2234.6	2231.7	2223.1	2231.7	2234.6	2231.7	2237.5	2200.0	2171.2	2168.3
37.5°	2153.9	2159.6	2156.8	2145.3	2156.8	2159.6	2153.9	2148.1	2096.3	2087.6	2093.4
40°	2073.2	2076.1	2073.2	2064.5	2073.2	2076.1	2073.2	2061.7	1989.6	1992.4	2012.6
42.5°	1995.3	1992.4	1983.8	1978.0	1983.8	1992.4	1995.3	1978.0	1885.7	1877.1	1914.6
45°	1905.9	1908.8	1891.5	1882.8	1891.5	1908.8	1905.9	1894.4	1799.3	1776.2	1802.2
47.5°	1816.5	1816.5	1802.2	1793.5	1802.2	1816.5	1816.5	1802.2	1701.2	1678.1	1692.6
50°	1721.4	1718.5	1698.3	1695.5	1698.3	1718.5	1721.4	1712.8	1606.0	1585.9	1585.9
52.5°	1611.8	1611.8	1614.7	1620.5	1614.7	1611.8	1611.8	1614.7	1519.5	1499.3	1493.6
55°	1516.6	1519.5	1539.7	1545.5	1539.7	1519.5	1516.6	1516.6	1430.2	1410.0	1398.5
57.5°	1418.7	1418.7	1433.1	1433.1	1433.1	1418.7	1418.7	1412.9	1329.3	1311.9	1306.2
60°	1306.2	1311.9	1323.5	1320.6	1323.5	1311.9	1306.2	1300.4	1228.3	1216.8	1196.6
62.5°	1187.9	1193.7	1196.6	1190.8	1196.6	1193.7	1187.9	1170.6	1127.5	1118.8	1092.8
65°	1064.0	1069.8	1072.7	1066.9	1072.7	1069.8	1064.0	1055.3	1023.6	1009.2	986.1
67.5°	937.1	934.2	931.3	942.9	931.3	934.2	937.1	925.6	905.4	893.8	862.1
70°	807.4	807.4	804.5	810.3	804.5	807.4	807.4	798.7	787.2	778.6	749.7
72.5°	669.0	666.1	677.6	669.0	677.6	666.1	669.0	666.1	660.3	651.6	622.8
75°	533.4	539.2	533.4	542.0	533.4	539.2	533.4	536.3	533.4	527.6	507.5
77.5°	406.6	412.4	406.6	406.6	406.6	412.4	406.6	409.5	409.5	409.5	392.2
80°	288.3	285.4	285.4	282.6	285.4	285.4	288.3	288.3	291.2	285.4	279.7
82.5°	184.5	181.6	181.6	187.4	181.6	181.6	184.5	187.4	181.6	181.6	181.6
85°	100.9	103.8	98.1	98.1	98.1	103.8	100.9	95.2	100.9	100.9	98.1
87.5°	37.5	34.6	34.6	34.6	34.6	34.6	37.5	40.4	40.4	40.4	43.3
90°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	35.9	47.9	53.8	46.3
92.5°	134.7	129.3	107.9	86.5	107.9	129.3	134.7	190.9	265.8	303.3	266.3
95°	457.2	441.0	376.1	311.2	376.1	441.0	457.2	600.3	791.3	886.7	748.8
97.5°	1055.4	1024.5	901.0	777.5	901.0	1024.5	1055.4	1145.9	1266.5	1326.8	1097.0
100°	1482.1	1445.2	1298.2	1151.1	1298.2	1445.2	1482.1	1475.4	1466.6	1462.2	1207.2
102.5°	1846.4	1814.8	1688.8	1562.8	1688.8	1814.8	1846.4	1731.1	1577.3	1500.5	1241.8
105°	2271.6	2254.6	2186.9	2119.2	2186.9	2254.6	2271.6	2013.1	1668.5	1496.2	1245.8
107.5°	2492.7	2496.8	2513.2	2529.6	2513.2	2496.8	2492.7	2132.2	1651.5	1411.2	1190.3
110°	2549.4	2567.1	2637.6	2708.2	2637.6	2567.1	2549.4	2146.4	1609.0	1340.3	1141.2



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2513.3	2540.4	2648.7	2757.1	2648.7	2540.4	2513.3	2100.8	1550.8	1275.8	1098.3
115°	2390.7	2428.3	2578.5	2728.8	2578.5	2428.3	2390.7	1993.3	1463.5	1198.5	1049.1
117.5°	2221.2	2262.9	2429.6	2596.2	2429.6	2262.9	2221.2	1862.6	1384.4	1145.3	1018.2
120°	2107.2	2147.6	2309.6	2471.5	2309.6	2147.6	2107.2	1779.5	1342.6	1124.1	1007.9
122.5°	1993.1	2033.0	2192.7	2352.4	2192.7	2033.0	1993.1	1698.0	1304.5	1107.8	1002.4
125°	1842.1	1878.9	2026.0	2173.1	2026.0	1878.9	1842.1	1591.5	1257.2	1090.0	997.9
127.5°	1720.9	1751.9	1876.0	2000.2	1876.0	1751.9	1720.9	1505.7	1218.7	1075.2	995.4
130°	1644.4	1673.0	1787.7	1902.3	1787.7	1673.0	1644.4	1452.7	1197.2	1069.5	996.9
132.5°	1579.1	1604.7	1707.5	1810.2	1707.5	1604.7	1579.1	1407.6	1178.9	1064.6	997.9
135°	1487.0	1509.1	1597.7	1686.2	1597.7	1509.1	1487.0	1343.3	1151.8	1056.1	997.0
137.5°	1418.9	1437.1	1509.5	1582.0	1509.5	1437.1	1418.9	1297.5	1135.5	1054.6	1003.1
140°	1364.4	1381.3	1449.0	1516.7	1449.0	1381.3	1364.4	1259.5	1119.6	1049.7	1004.2
142.5°	1326.1	1340.7	1399.0	1457.3	1399.0	1340.7	1326.1	1234.0	1111.1	1049.7	1007.7
145°	1268.7	1279.7	1323.8	1367.9	1323.8	1279.7	1268.7	1193.3	1092.9	1042.6	1007.8
147.5°	1220.5	1229.6	1266.2	1302.7	1266.2	1229.6	1220.5	1161.2	1082.1	1042.6	1014.7
150°	1192.9	1200.3	1229.9	1259.5	1229.9	1200.3	1192.9	1142.8	1076.0	1042.6	1018.3
152.5°	1170.9	1176.5	1198.8	1221.2	1198.8	1176.5	1170.9	1128.1	1071.1	1042.6	1020.7
155°	1144.7	1148.3	1163.2	1178.0	1163.2	1148.3	1144.7	1110.7	1065.3	1042.6	1025.9
157.5°	1122.0	1124.6	1134.9	1145.3	1134.9	1124.6	1122.0	1095.5	1060.2	1042.6	1031.1
160°	1110.7	1112.2	1118.2	1124.1	1118.2	1112.2	1110.7	1088.0	1057.8	1042.6	1033.5
162.5°	1100.0	1101.5	1107.1	1112.8	1107.1	1101.5	1100.0	1080.8	1055.4	1042.6	1035.9
165°	1083.7	1085.3	1091.2	1097.2	1091.2	1085.3	1083.7	1070.0	1051.7	1042.6	1039.6
167.5°	1076.6	1077.2	1079.7	1082.3	1079.7	1077.2	1076.6	1067.6	1055.6	1049.7	1047.1
170°	1076.6	1076.6	1076.6	1076.6	1076.6	1076.6	1076.6	1067.6	1055.6	1049.7	1049.5
172.5°	1071.0	1070.5	1068.2	1066.0	1068.2	1070.5	1071.0	1063.9	1054.4	1049.7	1049.7
175°	1063.1	1063.1	1063.1	1063.1	1063.1	1063.1	1063.1	1058.6	1052.6	1049.7	1051.1
177.5°	1061.8	1061.2	1058.6	1056.1	1058.6	1061.2	1061.8	1058.2	1053.5	1051.1	1052.2
180°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1



TEST NUMBER: P935372
 CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3010.3	3024.7	3033.4	3044.9	3073.7
5°	2894.9	2949.7	2967.0	3010.3	3062.2
7.5°	2641.2	2808.4	2854.5	2958.4	3039.1
10°	2396.1	2563.3	2644.1	2889.1	3010.3
12.5°	2272.1	2370.2	2425.0	2768.1	2969.9
15°	2194.2	2263.5	2303.8	2606.6	2923.8
17.5°	2133.7	2182.7	2211.5	2448.1	2860.3
20°	2096.3	2119.3	2145.3	2332.7	2788.3
22.5°	2070.3	2055.9	2076.1	2251.9	2690.2
25°	2053.0	1998.2	2021.3	2188.5	2574.9
27.5°	2067.4	1946.3	1954.9	2130.9	2453.8
30°	2070.3	1882.8	1885.7	2070.3	2318.3
32.5°	2050.1	1816.5	1819.4	1995.3	2165.4
35°	2001.1	1738.7	1735.8	1908.8	1957.8
37.5°	1934.7	1655.1	1655.1	1813.7	1730.1
40°	1854.0	1571.4	1580.1	1689.7	1528.2
42.5°	1756.0	1482.1	1493.6	1525.3	1378.3
45°	1649.3	1395.6	1404.2	1288.9	1262.9
47.5°	1531.1	1306.2	1309.1	1069.8	1225.4
50°	1389.8	1213.9	1202.3	916.9	1222.5
52.5°	1265.8	1113.0	1078.4	830.4	1110.1
55°	1144.7	1006.3	931.3	764.1	1029.4
57.5°	1038.0	867.9	795.9	686.3	1012.1
60°	940.0	732.4	677.6	602.6	928.4
62.5°	859.2	631.5	619.9	544.9	841.9
65°	772.8	562.2	559.3	495.9	715.1
67.5°	689.1	516.1	513.2	449.8	544.9
70°	599.7	467.2	461.4	400.8	403.7
72.5°	507.5	412.4	406.6	360.4	334.5
75°	415.2	348.9	346.0	314.3	271.0
77.5°	325.8	276.8	282.6	253.7	198.9
80°	233.5	201.8	207.6	181.6	150.0
82.5°	155.7	132.7	138.4	115.4	100.9
85°	86.5	75.0	77.9	60.6	46.1
87.5°	40.4	34.6	34.6	23.1	14.4
90°	31.2	19.9	18.4	12.8	7.1
92.5°	192.3	136.8	124.8	76.6	28.4
95°	473.2	266.5	244.4	156.3	68.1
97.5°	637.5	292.7	273.3	195.4	117.7
100°	697.2	314.7	297.1	226.5	155.9
102.5°	724.5	336.6	320.2	254.3	188.5
105°	744.9	369.3	355.3	299.6	243.8
107.5°	748.7	417.5	404.4	352.5	300.5
110°	743.0	444.4	432.6	385.7	338.8



TEST NUMBER: P935372

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	743.3	477.0	465.9	421.1	376.3
115°	750.1	525.9	515.6	474.3	433.1
117.5°	764.1	573.4	564.0	526.5	489.0
120°	775.4	601.0	592.2	557.0	521.7
122.5°	791.7	633.6	624.8	589.2	553.5
125°	813.7	675.5	667.4	634.9	602.4
127.5°	835.6	715.9	707.7	674.9	642.2
130°	851.7	742.8	733.9	698.6	663.4
132.5°	864.7	764.8	755.9	720.6	685.3
135°	878.9	790.3	782.3	750.1	718.0
137.5°	900.1	822.9	814.9	783.1	751.3
140°	913.1	844.8	837.5	808.2	778.9
142.5°	924.0	861.1	854.4	827.3	800.2
145°	938.2	886.0	880.1	856.4	832.8
147.5°	959.0	917.2	911.4	888.4	865.4
150°	969.8	933.5	928.3	907.5	886.7
152.5°	976.9	944.1	940.2	924.4	908.7
155°	992.5	967.4	964.5	952.9	941.2
157.5°	1008.1	990.9	988.1	976.6	965.3
160°	1015.2	1001.5	999.3	990.5	981.7
162.5°	1022.7	1012.9	1011.2	1004.6	997.9
165°	1033.6	1029.1	1027.6	1021.6	1015.7
167.5°	1042.1	1038.3	1037.7	1034.8	1031.9
170°	1049.2	1049.0	1048.3	1045.4	1042.6
172.5°	1049.7	1049.7	1049.5	1048.9	1048.3
175°	1053.9	1056.1	1056.1	1056.1	1056.1
177.5°	1054.4	1056.1	1056.1	1056.1	1056.1
180°	1056.1	1056.1	1056.1	1056.1	1056.1



TEST NUMBER: P935372
 CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-8

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.34	15.23	15.26	16.18	17.39	17.18	18.07	18.10	19.01	20.23
	3H	14.82	15.62	15.75	16.57	17.81	18.53	19.33	19.46	20.28	21.52
	4H	15.01	15.77	15.96	16.73	17.98	18.97	19.73	19.92	20.69	21.94
	6H	15.13	15.83	16.09	16.79	18.06	19.26	19.96	20.22	20.92	22.19
	8H	15.13	15.80	16.10	16.78	18.04	19.34	20.00	20.31	20.98	22.25
	12H	15.10	15.74	16.08	16.71	18.00	19.38	20.01	20.35	20.99	22.27
4H	2H	15.38	16.13	16.33	17.09	18.34	17.59	18.35	18.55	19.30	20.56
	3H	16.41	17.04	17.37	18.03	19.29	19.10	19.73	20.07	20.72	21.98
	4H	16.68	17.26	17.66	18.24	19.53	19.63	20.21	20.61	21.19	22.48
	6H	16.81	17.31	17.80	18.31	19.60	20.00	20.50	20.99	21.50	22.79
	8H	16.82	17.28	17.81	18.28	19.58	20.11	20.57	21.10	21.57	22.87
	12H	16.79	17.20	17.80	18.22	19.53	20.17	20.59	21.18	21.60	22.91
8H	4H	17.14	17.61	18.13	18.60	19.91	19.76	20.22	20.75	21.22	22.52
	6H	17.40	17.79	18.42	18.83	20.13	20.20	20.58	21.21	21.62	22.92
	8H	17.45	17.79	18.47	18.81	20.13	20.35	20.69	21.38	21.72	23.04
	12H	17.43	17.73	18.46	18.75	20.12	20.45	20.75	21.48	21.77	23.14
12H	4H	17.15	17.57	18.16	18.58	19.89	19.72	20.14	20.73	21.16	22.47
	6H	17.47	17.80	18.49	18.83	20.15	20.19	20.53	21.22	21.56	22.88
	8H	17.53	17.83	18.56	18.85	20.22	20.36	20.66	21.39	21.68	23.04