

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: P934204

Luminaire Tested: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934204
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

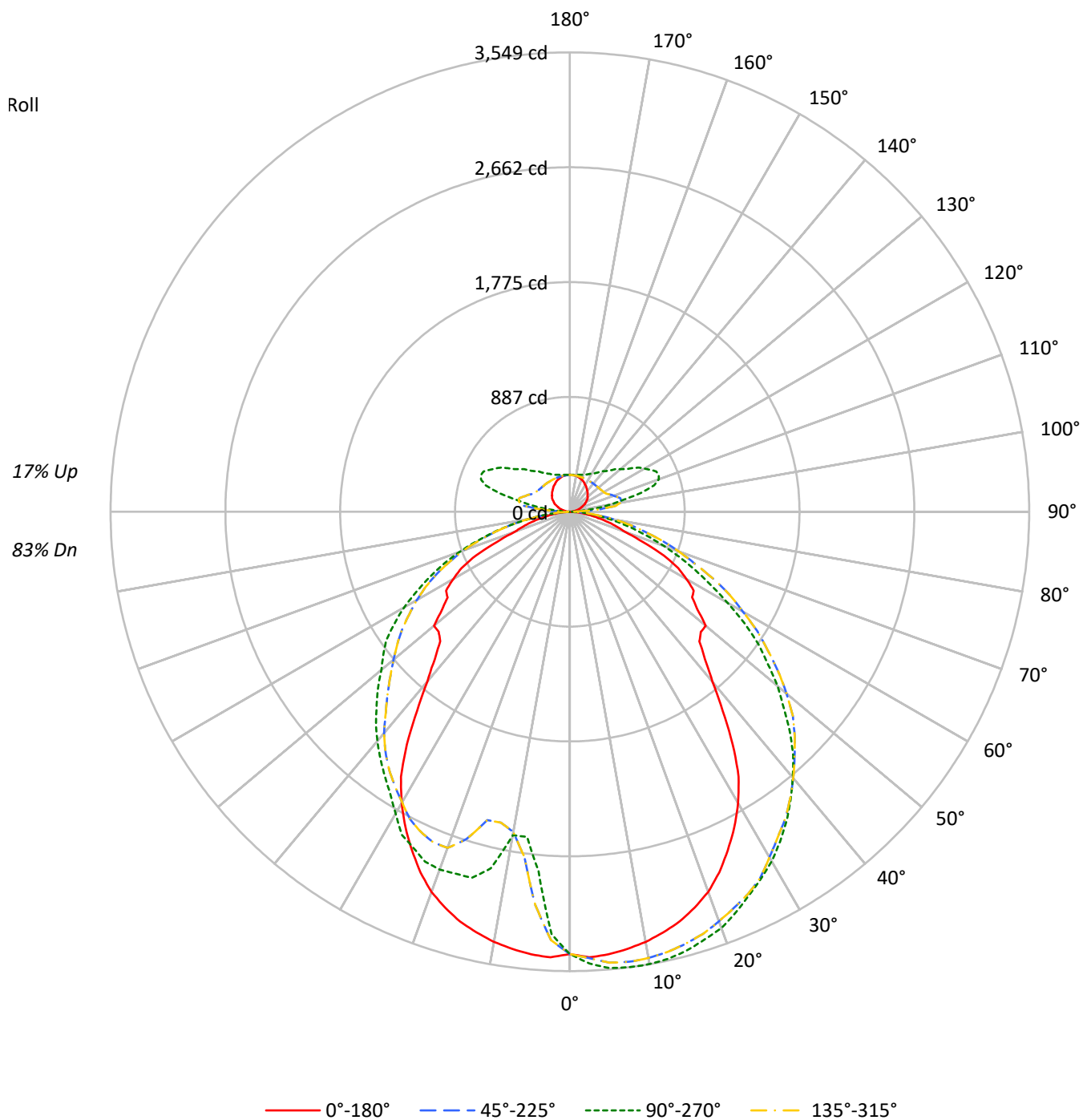
Lumens per Lamp: N/A
Luminaire Lumens: 10706.5 lumens
Efficiency: N/A
Efficacy: 107.9 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 99.2
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: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

Luminous Intensity Polar Plot



CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				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			
RCR																					
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83			
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	70			
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59			
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	50			
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	43			
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	37			
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	32			
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	29			
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	26			
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	23			
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	21			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15850	15850	15850	15850
5°	15968	16000	15968	12581
10°	15862	15760	15862	11268
15°	15689	15419	15689	12875
20°	15361	15014	15361	12902
25°	14690	14425	14690	12629
30°	13822	13934	13822	12028
35°	12322	13315	12322	11369
40°	10267	12586	10267	10870
45°	9174	11732	9174	10297
50°	9746	10714	9746	9722
55°	9169	9617	9169	9389
60°	9452	8168	9452	8599
65°	8569	6752	8569	7548
70°	5935	5380	5935	6326
75°	5203	3977	5203	4763
80°	4194	2630	4194	2864
85°	2408	1393	2408	1184

MAXIMUM LUMINANCE 45°-90°:

Luminance: 14060 cd/sqm

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	308.4	2.9
10°-20°	875.6	8.2
20°-30°	1353.5	12.6
30°-40°	1615.7	15.1
40°-50°	1625.2	15.2
50°-60°	1414.1	13.2
60°-70°	1002.6	9.4
70°-80°	530.5	5.0
80°-90°	133.2	1.2
90°-100°	138.9	1.3
100°-110°	365.3	3.4
110°-120°	378.8	3.5
120°-130°	303.8	2.8
130°-140°	238.4	2.2
140°-150°	183.0	1.7
150°-160°	131.8	1.2
160°-170°	80.6	0.8
170°-180°	27.2	0.3
0°-30°	2537.4	23.7
0°-40°	4153.1	38.8
0°-60°	7192.4	67.2
0°-90°	8858.7	82.7
90°-120°	883.0	8.2
90°-150°	1608.2	15.0
90°-180°	1848.0	17.3
0°-180°	10706.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3416	3416	3416	3416	3416	
5°	3432	3539	3432	2783	3432	326
15°	3277	3507	3277	2928	3277	922
25°	2886	3271	2886	2864	2886	1325
35°	2194	2918	2194	2492	2194	1358
45°	1416	2405	1416	2110	1416	1134
55°	1154	1774	1154	1732	1154	1060
65°	802	1070	802	1196	802	766
75°	304	507	304	608	304	319
85°	52	129	52	110	52	70
90°	2	7	2	7	2	4
95°	18	84	18	84	18	20
105°	66	572	66	572	66	70
115°	117	736	117	736	117	115
125°	163	587	163	587	163	144
135°	194	455	194	455	194	150
145°	225	369	225	369	225	141
155°	254	318	254	318	254	117
165°	274	296	274	296	274	77
175°	285	287	285	287	285	27
180°	285	285	285	285	285	

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3445.3	3445.3	3464.6	3471.1	3471.1	3461.5	3451.8	3461.5	3490.5	3500.3	3497.0
5°	3432.4	3458.2	3493.8	3500.3	3506.7	3503.5	3497.0	3503.5	3535.8	3542.3	3545.5
7.5°	3406.5	3455.0	3500.3	3509.9	3519.7	3509.9	3506.7	3513.2	3545.5	3551.9	3551.9
10°	3374.2	3442.1	3493.8	3500.3	3509.9	3500.3	3500.3	3513.2	3545.5	3551.9	3555.2
12.5°	3328.9	3422.6	3471.1	3477.6	3490.5	3487.3	3484.1	3497.0	3529.3	3535.8	3535.8
15°	3277.3	3387.1	3432.4	3438.9	3461.5	3455.0	3455.0	3467.9	3503.5	3513.2	3509.9
17.5°	3206.1	3341.8	3393.6	3403.2	3419.5	3416.2	3419.5	3432.4	3464.6	3471.1	3474.4
20°	3125.3	3280.4	3341.8	3351.6	3367.7	3367.7	3367.7	3383.9	3416.2	3429.1	3429.1
22.5°	3015.4	3215.9	3280.4	3286.9	3306.3	3306.3	3312.8	3335.4	3364.5	3367.7	3367.7
25°	2886.2	3144.7	3199.6	3219.0	3238.4	3248.1	3257.9	3270.8	3280.4	3277.3	3280.4
27.5°	2750.4	3054.2	3125.3	3138.2	3164.1	3173.8	3186.7	3190.0	3193.2	3202.9	3196.4
30°	2598.6	2928.2	3034.8	3047.8	3089.8	3096.2	3083.3	3089.8	3105.9	3112.4	3118.8
32.5°	2427.2	2740.8	2941.1	2970.2	3009.0	2989.6	2986.4	2996.0	3021.9	3021.9	3028.4
35°	2194.5	2595.3	2853.8	2879.7	2908.7	2886.2	2899.1	2902.3	2918.5	2928.2	2925.0
37.5°	1939.2	2469.2	2763.4	2782.8	2805.4	2776.3	2795.7	2805.4	2818.3	2811.8	2811.8
40°	1713.0	2272.0	2656.7	2669.6	2689.0	2666.4	2685.7	2692.2	2698.7	2692.2	2689.0
42.5°	1544.9	2055.5	2543.5	2559.7	2546.8	2562.9	2569.4	2582.3	2572.7	2559.7	2559.7
45°	1415.6	1997.4	2420.7	2440.1	2420.7	2446.6	2456.4	2456.4	2427.2	2420.7	2417.5
47.5°	1373.6	1881.0	2297.9	2297.9	2288.3	2320.6	2336.7	2314.1	2285.0	2275.3	2275.3
50°	1370.3	1751.8	2129.8	2116.9	2162.2	2201.0	2184.8	2162.2	2139.6	2104.1	2104.1
52.5°	1244.3	1593.3	1913.3	1961.9	2032.9	2055.5	2029.7	2007.0	1968.3	1952.1	1939.2
55°	1153.8	1428.6	1716.2	1813.2	1887.5	1916.6	1868.1	1845.4	1787.3	1777.6	1771.1
57.5°	1134.4	1189.4	1535.2	1658.0	1748.5	1745.3	1716.2	1674.2	1625.7	1616.0	1612.8
60°	1040.7	859.7	1341.3	1486.7	1580.4	1570.8	1544.9	1506.1	1460.9	1454.4	1448.0
62.5°	943.7	623.8	1121.5	1286.3	1418.8	1415.6	1393.0	1334.8	1302.5	1286.3	1273.4
65°	801.5	523.6	798.3	1069.8	1260.5	1266.9	1218.5	1176.5	1140.8	1121.5	1118.3
67.5°	610.8	426.6	539.8	892.1	1108.6	1102.1	1040.7	1021.3	976.1	966.4	947.0
70°	452.5	284.4	374.9	724.0	959.9	943.7	895.2	872.7	830.7	808.0	795.0
72.5°	374.9	229.5	274.8	562.4	808.0	788.6	746.6	720.7	685.2	665.8	652.8
75°	303.8	242.4	210.1	417.0	656.1	643.2	604.4	578.5	549.4	523.6	526.8
77.5°	223.0	226.2	168.1	307.0	520.4	501.0	478.4	446.0	433.1	407.2	407.2
80°	168.1	177.7	126.1	210.1	374.9	374.9	355.5	332.9	310.3	297.4	297.4
82.5°	113.1	113.1	93.7	132.6	255.4	245.6	232.7	226.2	213.3	206.9	206.9
85°	51.7	64.7	58.2	80.8	139.0	145.4	145.4	139.0	135.7	129.3	132.6
87.5°	16.1	29.1	35.5	45.3	71.1	74.3	77.5	77.5	77.5	80.8	80.8
90°	1.9	3.4	5.0	5.3	8.4	12.5	14.5	12.9	9.6	7.3	7.3
92.5°	7.6	20.6	33.7	37.0	52.0	71.9	81.8	71.7	51.6	36.4	35.0
95°	18.3	42.1	66.0	71.9	127.7	202.1	239.3	213.5	162.1	123.4	119.0
97.5°	31.8	52.8	73.7	79.0	172.0	296.0	358.1	341.9	309.3	284.9	276.6
100°	42.1	61.1	80.1	84.9	188.1	325.8	394.6	395.8	398.2	400.0	390.1
102.5°	50.9	68.7	86.4	90.8	195.6	335.2	405.0	425.7	467.2	498.3	489.8
105°	65.8	80.9	96.0	99.7	201.1	336.3	403.9	450.4	543.4	613.1	608.5
107.5°	81.1	95.1	109.2	112.7	202.1	321.3	380.9	445.7	575.5	672.8	673.9
110°	91.5	104.1	116.8	119.9	200.5	308.0	361.8	434.2	579.3	688.1	692.9

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	101.6	113.6	125.7	128.7	200.6	296.4	344.4	418.6	567.0	678.3	685.7
115°	116.9	128.0	139.1	141.9	202.5	283.2	323.5	395.0	538.0	645.3	655.4
117.5°	132.0	142.1	152.2	154.8	206.3	274.8	309.1	373.7	502.7	599.5	610.8
120°	140.8	150.3	159.9	162.3	209.3	272.1	303.4	362.3	480.3	568.7	579.6
122.5°	149.4	159.0	168.7	171.0	213.7	270.6	299.0	352.1	458.3	538.0	548.7
125°	162.6	171.4	180.1	182.3	219.6	269.4	294.2	339.3	429.6	497.2	507.1
127.5°	173.3	182.1	191.0	193.2	225.6	268.6	290.2	329.0	406.4	464.5	472.9
130°	179.1	188.6	198.1	200.5	229.9	269.1	288.7	323.2	392.1	443.8	451.5
132.5°	185.0	194.5	204.0	206.4	233.4	269.4	287.4	318.2	379.9	426.2	433.2
135°	193.8	202.5	211.2	213.3	237.2	269.1	285.1	310.9	362.6	401.4	407.3
137.5°	202.7	211.3	219.9	222.1	243.0	270.7	284.7	306.6	350.2	383.0	387.8
140°	210.2	218.1	226.0	228.1	246.5	271.0	283.3	302.3	340.0	368.2	372.8
142.5°	216.0	223.3	230.6	232.4	249.4	272.1	283.3	300.0	333.1	357.9	361.8
145°	224.8	231.2	237.5	239.1	253.3	272.1	281.4	295.0	322.1	342.5	345.4
147.5°	233.6	239.8	246.0	247.5	258.8	273.9	281.4	292.1	313.4	329.4	331.9
150°	239.3	245.0	250.5	251.9	261.8	274.8	281.4	290.4	308.5	321.9	323.9
152.5°	245.2	249.4	253.7	254.8	263.7	275.5	281.4	289.1	304.5	316.0	317.5
155°	254.0	257.2	260.3	261.1	267.9	277.0	281.4	287.6	299.8	308.9	309.9
157.5°	260.5	263.6	266.6	267.4	272.1	278.3	281.4	286.2	295.7	302.8	303.5
160°	264.9	267.3	269.7	270.3	274.0	279.0	281.4	285.5	293.7	299.8	300.2
162.5°	269.3	271.1	272.8	273.3	276.0	279.6	281.4	284.9	291.8	296.9	297.3
165°	274.2	275.8	277.4	277.8	279.1	280.7	281.4	283.9	288.8	292.5	292.9
167.5°	278.6	279.3	280.1	280.3	281.3	282.7	283.3	285.0	288.2	290.6	290.8
170°	281.4	282.2	283.0	283.2	283.3	283.3	283.3	285.0	288.2	290.6	290.6
172.5°	283.0	283.2	283.3	283.3	283.3	283.3	283.3	284.6	287.2	289.1	288.9
175°	285.1	285.1	285.1	285.1	284.5	283.7	283.3	284.1	285.7	287.0	287.0
177.5°	285.1	285.1	285.1	285.1	284.6	284.0	283.7	284.4	285.6	286.6	286.4
180°	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3503.5	3493.8	3503.5	3497.0	3500.3	3490.5	3461.5	3451.8	3461.5	3471.1	3471.1
5°	3545.5	3539.0	3545.5	3545.5	3542.3	3535.8	3503.5	3497.0	3503.5	3506.7	3500.3
7.5°	3558.4	3548.7	3558.4	3551.9	3551.9	3545.5	3513.2	3506.7	3509.9	3519.7	3509.9
10°	3558.4	3548.7	3558.4	3555.2	3551.9	3545.5	3513.2	3500.3	3500.3	3509.9	3500.3
12.5°	3542.3	3535.8	3542.3	3535.8	3535.8	3529.3	3497.0	3484.1	3487.3	3490.5	3477.6
15°	3516.4	3506.7	3516.4	3509.9	3513.2	3503.5	3467.9	3455.0	3455.0	3461.5	3438.9
17.5°	3477.6	3464.6	3477.6	3474.4	3471.1	3464.6	3432.4	3419.5	3416.2	3419.5	3403.2
20°	3432.4	3422.6	3432.4	3429.1	3429.1	3416.2	3383.9	3367.7	3367.7	3367.7	3351.6
22.5°	3361.2	3351.6	3361.2	3367.7	3367.7	3364.5	3335.4	3312.8	3306.3	3306.3	3286.9
25°	3280.4	3270.8	3280.4	3280.4	3277.3	3280.4	3270.8	3257.9	3248.1	3238.4	3219.0
27.5°	3202.9	3196.4	3202.9	3196.4	3202.9	3193.2	3190.0	3186.7	3173.8	3164.1	3138.2
30°	3125.3	3118.8	3125.3	3118.8	3112.4	3105.9	3089.8	3083.3	3096.2	3089.8	3047.8
32.5°	3028.4	3021.9	3028.4	3028.4	3021.9	3021.9	2996.0	2986.4	2989.6	3009.0	2970.2
35°	2928.2	2918.5	2928.2	2925.0	2928.2	2918.5	2902.3	2899.1	2886.2	2908.7	2879.7
37.5°	2811.8	2802.2	2811.8	2811.8	2811.8	2818.3	2805.4	2795.7	2776.3	2805.4	2782.8
40°	2692.2	2679.3	2692.2	2689.0	2692.2	2698.7	2692.2	2685.7	2666.4	2689.0	2669.6
42.5°	2556.5	2553.3	2556.5	2559.7	2559.7	2572.7	2582.3	2569.4	2562.9	2546.8	2559.7
45°	2411.1	2404.6	2411.1	2417.5	2420.7	2427.2	2456.4	2456.4	2446.6	2420.7	2440.1
47.5°	2255.9	2239.8	2255.9	2275.3	2275.3	2285.0	2314.1	2336.7	2320.6	2288.3	2297.9
50°	2091.1	2094.3	2091.1	2104.1	2104.1	2139.6	2162.2	2184.8	2201.0	2162.2	2116.9
52.5°	1929.5	1926.2	1929.5	1939.2	1952.1	1968.3	2007.0	2029.7	2055.5	2032.9	1961.9
55°	1767.9	1774.4	1767.9	1771.1	1777.6	1787.3	1845.4	1868.1	1916.6	1887.5	1813.2
57.5°	1606.3	1596.6	1606.3	1612.8	1616.0	1625.7	1674.2	1716.2	1745.3	1748.5	1658.0
60°	1418.8	1406.0	1418.8	1448.0	1454.4	1460.9	1506.1	1544.9	1570.8	1580.4	1486.7
62.5°	1254.0	1231.4	1254.0	1273.4	1286.3	1302.5	1334.8	1393.0	1415.6	1418.8	1286.3
65°	1079.4	1069.8	1079.4	1118.3	1121.5	1140.8	1176.5	1218.5	1266.9	1260.5	1069.8
67.5°	921.1	921.1	921.1	947.0	966.4	976.1	1021.3	1040.7	1102.1	1108.6	892.1
70°	775.7	772.4	775.7	795.0	808.0	830.7	872.7	895.2	943.7	959.9	724.0
72.5°	636.7	633.5	636.7	652.8	665.8	685.2	720.7	746.6	788.6	808.0	562.4
75°	513.9	507.4	513.9	526.8	523.6	549.4	578.5	604.4	643.2	656.1	417.0
77.5°	394.3	394.3	394.3	407.2	407.2	433.1	446.0	478.4	501.0	520.4	307.0
80°	294.1	290.9	294.1	297.4	297.4	310.3	332.9	355.5	374.9	374.9	210.1
82.5°	206.9	200.4	206.9	206.9	206.9	213.3	226.2	232.7	245.6	255.4	132.6
85°	129.3	129.3	129.3	132.6	129.3	135.7	139.0	145.4	145.4	139.0	80.8
87.5°	84.0	80.8	84.0	80.8	80.8	77.5	77.5	77.5	74.3	71.1	45.3
90°	7.3	7.3	7.3	7.3	7.3	9.6	12.9	14.5	12.5	8.4	5.3
92.5°	29.1	23.3	29.1	35.0	36.4	51.6	71.7	81.8	71.9	52.0	37.0
95°	101.5	83.9	101.5	119.0	123.4	162.1	213.5	239.3	202.1	127.7	71.9
97.5°	243.1	209.8	243.1	276.6	284.9	309.3	341.9	358.1	296.0	172.0	79.0
100°	350.4	310.7	350.4	390.1	400.0	398.2	395.8	394.6	325.8	188.1	84.9
102.5°	455.8	421.8	455.8	489.8	498.3	467.2	425.7	405.0	335.2	195.6	90.8
105°	590.3	571.9	590.3	608.5	613.1	543.4	450.4	403.9	336.3	201.1	99.7
107.5°	678.3	682.7	678.3	673.9	672.8	575.5	445.7	380.9	321.3	202.1	112.7
110°	711.9	731.0	711.9	692.9	688.1	579.3	434.2	361.8	308.0	200.5	119.9

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	714.9	744.1	714.9	685.7	678.3	567.0	418.6	344.4	296.4	200.6	128.7
115°	696.0	736.5	696.0	655.4	645.3	538.0	395.0	323.5	283.2	202.5	141.9
117.5°	655.8	700.8	655.8	610.8	599.5	502.7	373.7	309.1	274.8	206.3	154.8
120°	623.3	667.1	623.3	579.6	568.7	480.3	362.3	303.4	272.1	209.3	162.3
122.5°	591.8	634.9	591.8	548.7	538.0	458.3	352.1	299.0	270.6	213.7	171.0
125°	546.8	586.6	546.8	507.1	497.2	429.6	339.3	294.2	269.4	219.6	182.3
127.5°	506.3	539.9	506.3	472.9	464.5	406.4	329.0	290.2	268.6	225.6	193.2
130°	482.5	513.4	482.5	451.5	443.8	392.1	323.2	288.7	269.1	229.9	200.5
132.5°	460.9	488.6	460.9	433.2	426.2	379.9	318.2	287.4	269.4	233.4	206.4
135°	431.2	455.1	431.2	407.3	401.4	362.6	310.9	285.1	269.1	237.2	213.3
137.5°	407.4	427.0	407.4	387.8	383.0	350.2	306.6	284.7	270.7	243.0	222.1
140°	391.1	409.4	391.1	372.8	368.2	340.0	302.3	283.3	271.0	246.5	228.1
142.5°	377.6	393.3	377.6	361.8	357.9	333.1	300.0	283.3	272.1	249.4	232.4
145°	357.4	369.2	357.4	345.4	342.5	322.1	295.0	281.4	272.1	253.3	239.1
147.5°	341.7	351.6	341.7	331.9	329.4	313.4	292.1	281.4	273.9	258.8	247.5
150°	332.0	340.0	332.0	323.9	321.9	308.5	290.4	281.4	274.8	261.8	251.9
152.5°	323.6	329.6	323.6	317.5	316.0	304.5	289.1	281.4	275.5	263.7	254.8
155°	313.9	317.9	313.9	309.9	308.9	299.8	287.6	281.4	277.0	267.9	261.1
157.5°	306.4	309.1	306.4	303.5	302.8	295.7	286.2	281.4	278.3	272.1	267.4
160°	301.8	303.4	301.8	300.2	299.8	293.7	285.5	281.4	279.0	274.0	270.3
162.5°	298.8	300.3	298.8	297.3	296.9	291.8	284.9	281.4	279.6	276.0	273.3
165°	294.5	296.1	294.5	292.9	292.5	288.8	283.9	281.4	280.7	279.1	277.8
167.5°	291.5	292.1	291.5	290.8	290.6	288.2	285.0	283.3	282.7	281.3	280.3
170°	290.6	290.6	290.6	290.6	290.6	288.2	285.0	283.3	283.3	283.3	283.2
172.5°	288.3	287.7	288.3	288.9	289.1	287.2	284.6	283.3	283.3	283.3	283.3
175°	287.0	287.0	287.0	287.0	287.0	285.7	284.1	283.3	283.7	284.5	285.1
177.5°	285.7	285.1	285.7	286.4	286.6	285.6	284.4	283.7	284.0	284.6	285.1
180°	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3464.6	3445.3	3445.3	3413.0	3400.1	3390.3	3374.2	3325.7	3312.8	3299.8	3319.3
5°	3493.8	3458.2	3432.4	3374.2	3325.7	3306.3	3244.9	3128.6	3051.0	2992.8	2960.5
7.5°	3500.3	3455.0	3406.5	3316.0	3199.6	3148.0	2960.5	2747.2	2689.0	2637.3	2605.0
10°	3493.8	3442.1	3374.2	3238.4	2963.7	2873.2	2685.7	2546.8	2511.3	2501.5	2511.3
12.5°	3471.1	3422.6	3328.9	3102.7	2718.1	2656.7	2546.8	2466.0	2459.5	2475.7	2562.9
15°	3432.4	3387.1	3277.3	2921.7	2582.3	2537.1	2459.5	2430.5	2466.0	2579.2	2840.9
17.5°	3393.6	3341.8	3206.1	2744.0	2478.9	2446.6	2391.7	2449.9	2650.2	2802.2	2889.4
20°	3341.8	3280.4	3125.3	2614.7	2404.6	2375.5	2349.7	2611.4	2763.4	2818.3	2866.8
22.5°	3280.4	3215.9	3015.4	2524.2	2327.0	2304.4	2320.6	2702.0	2763.4	2802.2	2844.2
25°	3199.6	3144.7	2886.2	2453.1	2265.6	2239.8	2301.2	2692.2	2727.8	2737.5	2821.5
27.5°	3125.3	3054.2	2750.4	2388.5	2191.2	2181.6	2317.3	2650.2	2676.1	2685.7	2776.3
30°	3034.8	2928.2	2598.6	2320.6	2113.7	2110.5	2320.6	2598.6	2592.1	2617.9	2708.4
32.5°	2941.1	2740.8	2427.2	2236.5	2039.4	2036.2	2297.9	2520.9	2514.5	2550.0	2617.9
35°	2853.8	2595.3	2194.5	2139.6	1945.6	1948.9	2243.0	2430.5	2433.7	2466.0	2508.0
37.5°	2763.4	2469.2	1939.2	2032.9	1855.2	1855.2	2168.6	2346.4	2339.9	2349.7	2407.8
40°	2656.7	2272.0	1713.0	1894.0	1771.1	1761.4	2078.2	2255.9	2233.3	2230.1	2310.9
42.5°	2543.5	2055.5	1544.9	1709.7	1674.2	1661.2	1968.3	2146.1	2104.1	2113.7	2217.1
45°	2420.7	1997.4	1415.6	1444.7	1573.9	1564.3	1848.7	2020.0	1990.9	2016.8	2123.4
47.5°	2297.9	1881.0	1373.6	1199.1	1467.4	1464.1	1716.2	1897.2	1881.0	1906.8	2020.0
50°	2129.8	1751.8	1370.3	1027.8	1347.7	1360.7	1557.8	1777.6	1777.6	1800.2	1919.8
52.5°	1913.3	1593.3	1244.3	930.8	1208.7	1247.5	1418.8	1674.2	1680.6	1703.2	1809.9
55°	1716.2	1428.6	1153.8	856.4	1043.9	1128.0	1283.1	1567.5	1580.4	1603.1	1700.0
57.5°	1535.2	1189.4	1134.4	769.3	892.1	972.9	1163.5	1464.1	1470.5	1490.0	1583.7
60°	1341.3	859.7	1040.7	675.5	759.5	820.9	1053.7	1341.3	1363.9	1376.8	1457.6
62.5°	1121.5	623.8	943.7	610.8	694.9	707.8	963.1	1224.9	1254.0	1263.8	1312.2
65°	798.3	523.6	801.5	555.9	627.0	630.2	866.2	1105.3	1131.2	1147.3	1182.9
67.5°	539.8	426.6	610.8	504.1	575.3	578.5	772.4	966.4	1001.9	1014.9	1037.5
70°	374.9	284.4	452.5	449.2	517.1	523.6	672.2	840.3	872.7	882.3	895.2
72.5°	274.8	229.5	374.9	404.0	455.7	462.2	568.8	698.1	730.4	740.1	746.6
75°	210.1	242.4	303.8	352.3	387.8	391.1	465.4	568.8	591.4	597.9	601.2
77.5°	168.1	226.2	223.0	284.4	316.8	310.3	365.2	439.6	459.0	459.0	459.0
80°	126.1	177.7	168.1	203.6	232.7	226.2	261.8	313.5	319.9	326.4	323.2
82.5°	93.7	113.1	113.1	129.3	155.1	148.7	174.6	203.6	203.6	203.6	210.1
85°	58.2	64.7	51.7	67.9	87.3	84.0	96.9	109.9	113.1	113.1	106.7
87.5°	35.5	29.1	16.1	25.9	38.8	38.8	45.3	48.5	45.3	45.3	45.3
90°	5.0	3.4	1.9	3.4	5.0	5.3	8.4	12.5	14.5	12.9	9.6
92.5°	33.7	20.6	7.6	20.6	33.7	37.0	52.0	71.9	81.8	71.7	51.6
95°	66.0	42.1	18.3	42.1	66.0	71.9	127.7	202.1	239.3	213.5	162.1
97.5°	73.7	52.8	31.8	52.8	73.7	79.0	172.0	296.0	358.1	341.9	309.3
100°	80.1	61.1	42.1	61.1	80.1	84.9	188.1	325.8	394.6	395.8	398.2
102.5°	86.4	68.7	50.9	68.7	86.4	90.8	195.6	335.2	405.0	425.7	467.2
105°	96.0	80.9	65.8	80.9	96.0	99.7	201.1	336.3	403.9	450.4	543.4
107.5°	109.2	95.1	81.1	95.1	109.2	112.7	202.1	321.3	380.9	445.7	575.5
110°	116.8	104.1	91.5	104.1	116.8	119.9	200.5	308.0	361.8	434.2	579.3

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	125.7	113.6	101.6	113.6	125.7	128.7	200.6	296.4	344.4	418.6	567.0
115°	139.1	128.0	116.9	128.0	139.1	141.9	202.5	283.2	323.5	395.0	538.0
117.5°	152.2	142.1	132.0	142.1	152.2	154.8	206.3	274.8	309.1	373.7	502.7
120°	159.9	150.3	140.8	150.3	159.9	162.3	209.3	272.1	303.4	362.3	480.3
122.5°	168.7	159.0	149.4	159.0	168.7	171.0	213.7	270.6	299.0	352.1	458.3
125°	180.1	171.4	162.6	171.4	180.1	182.3	219.6	269.4	294.2	339.3	429.6
127.5°	191.0	182.1	173.3	182.1	191.0	193.2	225.6	268.6	290.2	329.0	406.4
130°	198.1	188.6	179.1	188.6	198.1	200.5	229.9	269.1	288.7	323.2	392.1
132.5°	204.0	194.5	185.0	194.5	204.0	206.4	233.4	269.4	287.4	318.2	379.9
135°	211.2	202.5	193.8	202.5	211.2	213.3	237.2	269.1	285.1	310.9	362.6
137.5°	219.9	211.3	202.7	211.3	219.9	222.1	243.0	270.7	284.7	306.6	350.2
140°	226.0	218.1	210.2	218.1	226.0	228.1	246.5	271.0	283.3	302.3	340.0
142.5°	230.6	223.3	216.0	223.3	230.6	232.4	249.4	272.1	283.3	300.0	333.1
145°	237.5	231.2	224.8	231.2	237.5	239.1	253.3	272.1	281.4	295.0	322.1
147.5°	246.0	239.8	233.6	239.8	246.0	247.5	258.8	273.9	281.4	292.1	313.4
150°	250.5	245.0	239.3	245.0	250.5	251.9	261.8	274.8	281.4	290.4	308.5
152.5°	253.7	249.4	245.2	249.4	253.7	254.8	263.7	275.5	281.4	289.1	304.5
155°	260.3	257.2	254.0	257.2	260.3	261.1	267.9	277.0	281.4	287.6	299.8
157.5°	266.6	263.6	260.5	263.6	266.6	267.4	272.1	278.3	281.4	286.2	295.7
160°	269.7	267.3	264.9	267.3	269.7	270.3	274.0	279.0	281.4	285.5	293.7
162.5°	272.8	271.1	269.3	271.1	272.8	273.3	276.0	279.6	281.4	284.9	291.8
165°	277.4	275.8	274.2	275.8	277.4	277.8	279.1	280.7	281.4	283.9	288.8
167.5°	280.1	279.3	278.6	279.3	280.1	280.3	281.3	282.7	283.3	285.0	288.2
170°	283.0	282.2	281.4	282.2	283.0	283.2	283.3	283.3	283.3	285.0	288.2
172.5°	283.3	283.2	283.0	283.2	283.3	283.3	283.3	283.3	283.3	284.6	287.2
175°	285.1	285.1	285.1	285.1	285.1	285.1	284.5	283.7	283.3	284.1	285.7
177.5°	285.1	285.1	285.1	285.1	285.1	285.1	284.6	284.0	283.7	284.4	285.6
180°	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3296.7	3286.9	3299.8	3264.3	3299.8	3286.9	3296.7	3319.3	3299.8	3312.8	3325.7
5°	2892.6	2876.5	2824.8	2782.8	2824.8	2876.5	2892.6	2960.5	2992.8	3051.0	3128.6
7.5°	2585.6	2572.7	2559.7	2533.9	2559.7	2572.7	2585.6	2605.0	2637.3	2689.0	2747.2
10°	2517.8	2520.9	2540.3	2537.1	2540.3	2520.9	2517.8	2511.3	2501.5	2511.3	2546.8
12.5°	2692.2	2721.4	2827.9	2821.5	2827.9	2721.4	2692.2	2562.9	2475.7	2459.5	2466.0
15°	2892.6	2902.3	2925.0	2928.2	2925.0	2902.3	2892.6	2840.9	2579.2	2466.0	2430.5
17.5°	2912.0	2915.2	2931.4	2931.4	2931.4	2915.2	2912.0	2889.4	2802.2	2650.2	2449.9
20°	2895.8	2902.3	2934.6	2941.1	2934.6	2902.3	2895.8	2866.8	2818.3	2763.4	2611.4
22.5°	2889.4	2902.3	2928.2	2925.0	2928.2	2902.3	2889.4	2844.2	2802.2	2763.4	2702.0
25°	2857.1	2857.1	2860.3	2863.6	2860.3	2857.1	2857.1	2821.5	2737.5	2727.8	2692.2
27.5°	2789.2	2795.7	2815.1	2811.8	2815.1	2795.7	2789.2	2776.3	2685.7	2676.1	2650.2
30°	2727.8	2721.4	2705.1	2692.2	2705.1	2721.4	2727.8	2708.4	2617.9	2592.1	2598.6
32.5°	2624.3	2608.2	2592.1	2582.3	2592.1	2608.2	2624.3	2617.9	2550.0	2514.5	2520.9
35°	2501.5	2504.8	2501.5	2491.9	2501.5	2504.8	2501.5	2508.0	2466.0	2433.7	2430.5
37.5°	2414.3	2420.7	2417.5	2404.6	2417.5	2420.7	2414.3	2407.8	2349.7	2339.9	2346.4
40°	2323.8	2327.0	2323.8	2314.1	2323.8	2327.0	2323.8	2310.9	2230.1	2233.3	2255.9
42.5°	2236.5	2233.3	2223.6	2217.1	2223.6	2233.3	2236.5	2217.1	2113.7	2104.1	2146.1
45°	2136.3	2139.6	2120.2	2110.5	2120.2	2139.6	2136.3	2123.4	2016.8	1990.9	2020.0
47.5°	2036.2	2036.2	2020.0	2010.3	2020.0	2036.2	2036.2	2020.0	1906.8	1881.0	1897.2
50°	1929.5	1926.2	1903.6	1900.4	1903.6	1926.2	1929.5	1919.8	1800.2	1777.6	1777.6
52.5°	1806.7	1806.7	1809.9	1816.4	1809.9	1806.7	1806.7	1809.9	1703.2	1680.6	1674.2
55°	1700.0	1703.2	1725.9	1732.4	1725.9	1703.2	1700.0	1700.0	1603.1	1580.4	1567.5
57.5°	1590.2	1590.2	1606.3	1606.3	1606.3	1590.2	1590.2	1583.7	1490.0	1470.5	1464.1
60°	1464.1	1470.5	1483.5	1480.2	1483.5	1470.5	1464.1	1457.6	1376.8	1363.9	1341.3
62.5°	1331.6	1338.1	1341.3	1334.8	1341.3	1338.1	1331.6	1312.2	1263.8	1254.0	1224.9
65°	1192.6	1199.1	1202.3	1195.9	1202.3	1199.1	1192.6	1182.9	1147.3	1131.2	1105.3
67.5°	1050.4	1047.2	1043.9	1056.9	1043.9	1047.2	1050.4	1037.5	1014.9	1001.9	966.4
70°	905.0	905.0	901.7	908.2	901.7	905.0	905.0	895.2	882.3	872.7	840.3
72.5°	749.9	746.6	759.5	749.9	759.5	746.6	749.9	746.6	740.1	730.4	698.1
75°	597.9	604.4	597.9	607.6	597.9	604.4	597.9	601.2	597.9	591.4	568.8
77.5°	455.7	462.2	455.7	455.7	455.7	462.2	455.7	459.0	459.0	459.0	439.6
80°	323.2	319.9	319.9	316.8	319.9	319.9	323.2	323.2	326.4	319.9	313.5
82.5°	206.9	203.6	203.6	210.1	203.6	203.6	206.9	210.1	203.6	203.6	203.6
85°	113.1	116.3	109.9	109.9	109.9	116.3	113.1	106.7	113.1	113.1	109.9
87.5°	42.0	38.8	38.8	38.8	38.8	38.8	42.0	45.3	45.3	45.3	48.5
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	9.6	12.9	14.5	12.5
92.5°	36.4	35.0	29.1	23.3	29.1	35.0	36.4	51.6	71.7	81.8	71.9
95°	123.4	119.0	101.5	83.9	101.5	119.0	123.4	162.1	213.5	239.3	202.1
97.5°	284.9	276.6	243.1	209.8	243.1	276.6	284.9	309.3	341.9	358.1	296.0
100°	400.0	390.1	350.4	310.7	350.4	390.1	400.0	398.2	395.8	394.6	325.8
102.5°	498.3	489.8	455.8	421.8	455.8	489.8	498.3	467.2	425.7	405.0	335.2
105°	613.1	608.5	590.3	571.9	590.3	608.5	613.1	543.4	450.4	403.9	336.3
107.5°	672.8	673.9	678.3	682.7	678.3	673.9	672.8	575.5	445.7	380.9	321.3
110°	688.1	692.9	711.9	731.0	711.9	692.9	688.1	579.3	434.2	361.8	308.0

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	678.3	685.7	714.9	744.1	714.9	685.7	678.3	567.0	418.6	344.4	296.4
115°	645.3	655.4	696.0	736.5	696.0	655.4	645.3	538.0	395.0	323.5	283.2
117.5°	599.5	610.8	655.8	700.8	655.8	610.8	599.5	502.7	373.7	309.1	274.8
120°	568.7	579.6	623.3	667.1	623.3	579.6	568.7	480.3	362.3	303.4	272.1
122.5°	538.0	548.7	591.8	634.9	591.8	548.7	538.0	458.3	352.1	299.0	270.6
125°	497.2	507.1	546.8	586.6	546.8	507.1	497.2	429.6	339.3	294.2	269.4
127.5°	464.5	472.9	506.3	539.9	506.3	472.9	464.5	406.4	329.0	290.2	268.6
130°	443.8	451.5	482.5	513.4	482.5	451.5	443.8	392.1	323.2	288.7	269.1
132.5°	426.2	433.2	460.9	488.6	460.9	433.2	426.2	379.9	318.2	287.4	269.4
135°	401.4	407.3	431.2	455.1	431.2	407.3	401.4	362.6	310.9	285.1	269.1
137.5°	383.0	387.8	407.4	427.0	407.4	387.8	383.0	350.2	306.6	284.7	270.7
140°	368.2	372.8	391.1	409.4	391.1	372.8	368.2	340.0	302.3	283.3	271.0
142.5°	357.9	361.8	377.6	393.3	377.6	361.8	357.9	333.1	300.0	283.3	272.1
145°	342.5	345.4	357.4	369.2	357.4	345.4	342.5	322.1	295.0	281.4	272.1
147.5°	329.4	331.9	341.7	351.6	341.7	331.9	329.4	313.4	292.1	281.4	273.9
150°	321.9	323.9	332.0	340.0	332.0	323.9	321.9	308.5	290.4	281.4	274.8
152.5°	316.0	317.5	323.6	329.6	323.6	317.5	316.0	304.5	289.1	281.4	275.5
155°	308.9	309.9	313.9	317.9	313.9	309.9	308.9	299.8	287.6	281.4	277.0
157.5°	302.8	303.5	306.4	309.1	306.4	303.5	302.8	295.7	286.2	281.4	278.3
160°	299.8	300.2	301.8	303.4	301.8	300.2	299.8	293.7	285.5	281.4	279.0
162.5°	296.9	297.3	298.8	300.3	298.8	297.3	296.9	291.8	284.9	281.4	279.6
165°	292.5	292.9	294.5	296.1	294.5	292.9	292.5	288.8	283.9	281.4	280.7
167.5°	290.6	290.8	291.5	292.1	291.5	290.8	290.6	288.2	285.0	283.3	282.7
170°	290.6	290.6	290.6	290.6	290.6	290.6	290.6	288.2	285.0	283.3	283.3
172.5°	289.1	288.9	288.3	287.7	288.3	288.9	289.1	287.2	284.6	283.3	283.3
175°	287.0	287.0	287.0	287.0	287.0	287.0	287.0	285.7	284.1	283.3	283.7
177.5°	286.6	286.4	285.7	285.1	285.7	286.4	286.6	285.6	284.4	283.7	284.0
180°	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3374.2	3390.3	3400.1	3413.0	3445.3
5°	3244.9	3306.3	3325.7	3374.2	3432.4
7.5°	2960.5	3148.0	3199.6	3316.0	3406.5
10°	2685.7	2873.2	2963.7	3238.4	3374.2
12.5°	2546.8	2656.7	2718.1	3102.7	3328.9
15°	2459.5	2537.1	2582.3	2921.7	3277.3
17.5°	2391.7	2446.6	2478.9	2744.0	3206.1
20°	2349.7	2375.5	2404.6	2614.7	3125.3
22.5°	2320.6	2304.4	2327.0	2524.2	3015.4
25°	2301.2	2239.8	2265.6	2453.1	2886.2
27.5°	2317.3	2181.6	2191.2	2388.5	2750.4
30°	2320.6	2110.5	2113.7	2320.6	2598.6
32.5°	2297.9	2036.2	2039.4	2236.5	2427.2
35°	2243.0	1948.9	1945.6	2139.6	2194.5
37.5°	2168.6	1855.2	1855.2	2032.9	1939.2
40°	2078.2	1761.4	1771.1	1894.0	1713.0
42.5°	1968.3	1661.2	1674.2	1709.7	1544.9
45°	1848.7	1564.3	1573.9	1444.7	1415.6
47.5°	1716.2	1464.1	1467.4	1199.1	1373.6
50°	1557.8	1360.7	1347.7	1027.8	1370.3
52.5°	1418.8	1247.5	1208.7	930.8	1244.3
55°	1283.1	1128.0	1043.9	856.4	1153.8
57.5°	1163.5	972.9	892.1	769.3	1134.4
60°	1053.7	820.9	759.5	675.5	1040.7
62.5°	963.1	707.8	694.9	610.8	943.7
65°	866.2	630.2	627.0	555.9	801.5
67.5°	772.4	578.5	575.3	504.1	610.8
70°	672.2	523.6	517.1	449.2	452.5
72.5°	568.8	462.2	455.7	404.0	374.9
75°	465.4	391.1	387.8	352.3	303.8
77.5°	365.2	310.3	316.8	284.4	223.0
80°	261.8	226.2	232.7	203.6	168.1
82.5°	174.6	148.7	155.1	129.3	113.1
85°	96.9	84.0	87.3	67.9	51.7
87.5°	45.3	38.8	38.8	25.9	16.1
90°	8.4	5.3	5.0	3.4	1.9
92.5°	52.0	37.0	33.7	20.6	7.6
95°	127.7	71.9	66.0	42.1	18.3
97.5°	172.0	79.0	73.7	52.8	31.8
100°	188.1	84.9	80.1	61.1	42.1
102.5°	195.6	90.8	86.4	68.7	50.9
105°	201.1	99.7	96.0	80.9	65.8
107.5°	202.1	112.7	109.2	95.1	81.1
110°	200.5	119.9	116.8	104.1	91.5

TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	200.6	128.7	125.7	113.6	101.6
115°	202.5	141.9	139.1	128.0	116.9
117.5°	206.3	154.8	152.2	142.1	132.0
120°	209.3	162.3	159.9	150.3	140.8
122.5°	213.7	171.0	168.7	159.0	149.4
125°	219.6	182.3	180.1	171.4	162.6
127.5°	225.6	193.2	191.0	182.1	173.3
130°	229.9	200.5	198.1	188.6	179.1
132.5°	233.4	206.4	204.0	194.5	185.0
135°	237.2	213.3	211.2	202.5	193.8
137.5°	243.0	222.1	219.9	211.3	202.7
140°	246.5	228.1	226.0	218.1	210.2
142.5°	249.4	232.4	230.6	223.3	216.0
145°	253.3	239.1	237.5	231.2	224.8
147.5°	258.8	247.5	246.0	239.8	233.6
150°	261.8	251.9	250.5	245.0	239.3
152.5°	263.7	254.8	253.7	249.4	245.2
155°	267.9	261.1	260.3	257.2	254.0
157.5°	272.1	267.4	266.6	263.6	260.5
160°	274.0	270.3	269.7	267.3	264.9
162.5°	276.0	273.3	272.8	271.1	269.3
165°	279.1	277.8	277.4	275.8	274.2
167.5°	281.3	280.3	280.1	279.3	278.6
170°	283.3	283.2	283.0	282.2	281.4
172.5°	283.3	283.3	283.3	283.2	283.0
175°	284.5	285.1	285.1	285.1	285.1
177.5°	284.6	285.1	285.1	285.1	285.1
180°	285.1	285.1	285.1	285.1	285.1

(END OF REPORT)