

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: FAIL-SAFE

Report Number: P231961

Luminaire Tested: **FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231961
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-14)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

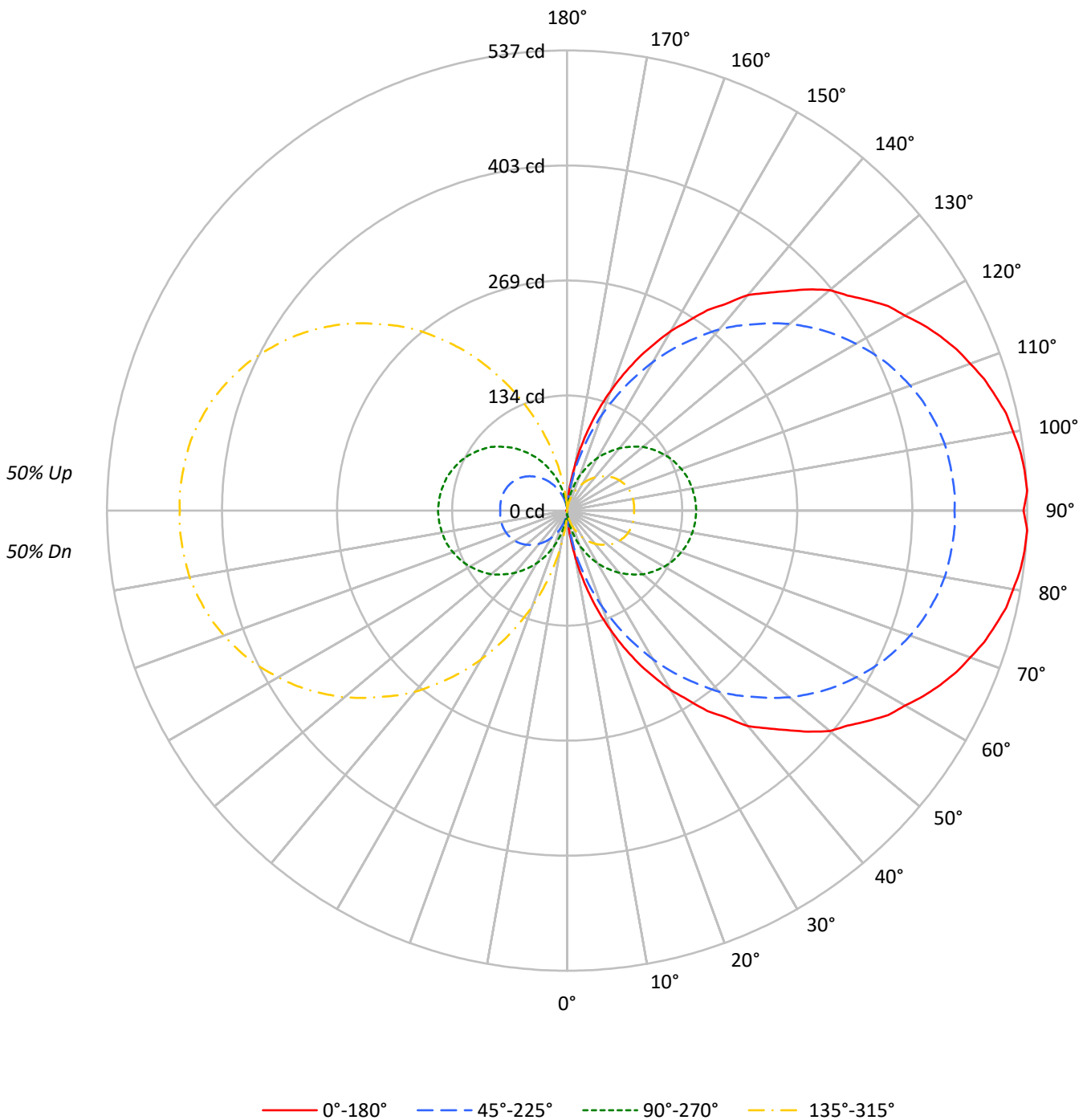
Lumens per Lamp: N/A
Luminaire Lumens: 2329.2 lumens
Efficiency: N/A
Efficacy: 69.3 lumens/watt
Spacing Criteria (0/90/45): 17.36 / 14.25 / 15.55
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 33.6
Input Voltage (V): 120
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: 25 FT

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Luminous Intensity Polar Plot





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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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	74	84	78	73	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	44	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	31	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12	12	12	12
5°	243	85	0	85
10°	654	241	0	241
15°	1098	452	0	452
20°	1487	687	0	687
25°	1843	923	0	923
30°	2153	1185	0	1185
35°	2434	1449	0	1449
40°	2707	1754	0	1754
45°	2907	2081	0	2081
50°	3157	2479	0	2479
55°	3343	2919	0	2919
60°	3546	3466	6	3466
65°	3766	4174	6	4174
70°	3973	5122	6	5122
75°	4192	6527	6	6527
80°	4410	8812	0	8812
85°	4642	13409	0	13409



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.1
10°-20°	13.0	0.6
20°-30°	40.7	1.7
30°-40°	81.0	3.5
40°-50°	128.0	5.5
50°-60°	175.2	7.5
60°-70°	216.7	9.3
70°-80°	246.9	10.6
80°-90°	261.9	11.2
90°-100°	261.9	11.2
100°-110°	246.9	10.6
110°-120°	216.7	9.3
120°-130°	175.2	7.5
130°-140°	128.0	5.5
140°-150°	81.0	3.5
150°-160°	40.7	1.7
160°-170°	13.0	0.6
170°-180°	1.3	0.1
0°-30°	55.0	2.4
0°-40°	136.0	5.8
0°-60°	439.1	18.9
0°-90°	1164.6	50.0
90°-120°	725.5	31.1
90°-150°	1109.6	47.6
90°-180°	1165.0	50.0
0°-180°	2329.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	18	6	0	6	18	3
15°	101	30	0	30	101	30
25°	196	57	0	57	196	92
35°	285	83	0	83	285	179
45°	362	105	0	105	362	282
55°	428	124	0	124	428	385
65°	481	137	1	137	481	477
75°	517	146	1	146	517	547
85°	536	150	0	150	536	436
90°	533	151	0	151	533	293
95°	536	150	0	150	536	436
105°	517	146	1	146	517	547
115°	481	137	1	137	481	477
125°	428	124	0	124	428	385
135°	362	105	0	105	362	282
145°	285	83	0	83	285	179
155°	196	57	0	57	196	92
165°	101	30	0	30	101	30
175°	18	6	0	6	18	3
180°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.2	6.3	6.3	6.3
5°	18.3	18.5	18.7	18.9	19.1	18.7	18.7	18.6	18.4	18.2	18.0
7.5°	35.9	36.2	36.4	36.7	36.2	36.0	35.7	35.3	34.8	34.3	33.6
10°	55.0	55.4	55.8	56.3	55.5	55.2	54.8	54.3	53.5	52.6	51.6
12.5°	78.1	78.5	79.0	78.4	78.1	77.6	76.8	75.9	74.7	73.4	72.4
15°	101.3	101.9	102.6	101.9	101.6	101.0	100.1	98.9	97.7	96.8	95.6
17.5°	125.2	126.0	126.7	126.0	125.6	124.8	123.8	122.8	121.9	120.6	119.1
20°	148.3	149.0	149.8	148.9	148.3	147.5	146.7	146.1	145.1	143.8	142.1
22.5°	172.2	173.0	173.9	172.7	172.0	171.1	170.8	169.9	168.6	166.9	164.6
25°	196.1	197.0	197.0	196.7	195.9	195.5	195.0	194.1	192.8	191.2	189.3
27.5°	218.5	219.5	219.5	219.3	218.7	218.8	218.3	217.3	215.5	213.9	211.6
30°	241.6	242.5	242.3	241.8	241.6	241.6	241.1	240.2	239.1	237.6	235.1
32.5°	261.5	262.5	262.4	262.1	262.8	263.1	262.9	262.0	260.6	258.7	256.3
35°	285.4	285.7	284.6	283.6	284.2	284.3	284.0	283.6	282.4	280.3	277.9
37.5°	303.8	305.0	304.9	304.7	304.7	304.2	304.4	304.5	303.9	301.7	299.0
40°	328.5	327.2	324.4	324.0	324.4	324.1	324.3	324.1	323.3	321.5	318.8
42.5°	344.4	344.0	342.2	342.7	343.2	343.8	344.2	343.7	343.0	341.2	338.6
45°	362.0	362.0	360.4	361.8	362.3	363.0	363.3	363.4	361.5	359.9	357.1
47.5°	381.9	380.2	377.6	378.8	379.7	380.7	380.9	380.1	378.8	377.8	375.2
50°	400.2	397.8	395.3	396.0	396.9	397.5	397.8	397.5	396.6	394.2	391.3
52.5°	412.2	411.7	411.1	412.0	413.5	414.6	415.0	414.6	413.3	410.7	407.4
55°	428.1	428.1	427.5	427.8	429.2	430.2	430.6	430.4	428.8	425.8	422.4
57.5°	444.1	442.2	441.6	442.4	443.6	445.2	445.8	445.0	443.4	439.7	435.8
60°	455.2	455.9	455.7	456.5	457.5	458.7	459.5	458.4	456.4	452.5	448.1
62.5°	468.8	468.3	467.0	469.3	470.8	472.0	472.1	470.8	468.7	465.4	460.2
65°	480.8	480.2	479.1	481.1	482.5	484.3	483.9	482.6	479.9	476.5	472.2
67.5°	491.9	490.6	490.0	491.6	493.2	495.0	494.2	492.4	489.3	486.2	482.7
70°	500.7	500.4	499.9	501.1	503.4	504.0	503.0	500.9	498.3	495.4	492.6
72.5°	510.3	508.9	507.8	509.6	512.5	511.3	510.5	508.9	506.7	504.5	500.6
75°	517.4	515.4	515.2	517.7	518.3	517.8	516.5	515.9	513.8	511.2	507.5
77.5°	524.6	521.7	521.6	523.9	523.1	522.6	522.6	522.3	520.4	517.6	513.7
80°	528.6	526.5	527.1	527.3	526.0	527.3	528.3	527.6	525.0	522.3	518.1
82.5°	533.4	530.4	530.4	528.3	530.8	531.6	531.7	530.6	528.4	525.4	521.1
85°	535.8	533.6	528.9	531.7	533.1	533.6	533.8	532.6	530.4	527.7	523.4
87.5°	537.4	530.7	531.2	532.1	533.4	533.6	533.3	532.5	530.8	527.8	523.7
90°	532.6	527.8	527.8	530.2	531.8	532.6	533.4	531.8	530.2	527.8	523.8
92.5°	537.4	530.7	531.2	532.1	533.4	533.6	533.3	532.5	530.8	527.8	523.7
95°	535.8	533.6	528.9	531.7	533.1	533.6	533.8	532.6	530.4	527.7	523.4
97.5°	533.4	530.4	530.4	528.3	530.8	531.6	531.7	530.6	528.4	525.4	521.1
100°	528.6	526.5	527.1	527.3	526.0	527.3	528.3	527.6	525.0	522.3	518.1
102.5°	524.6	521.7	521.6	523.9	523.1	522.6	522.6	522.3	520.4	517.6	513.7
105°	517.4	515.4	515.2	517.7	518.3	517.8	516.5	515.9	513.8	511.2	507.5
107.5°	510.3	508.9	507.8	509.6	512.5	511.3	510.5	508.9	506.7	504.5	500.6
110°	500.7	500.4	499.9	501.1	503.4	504.0	503.0	500.9	498.3	495.4	492.6



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	491.9	490.6	490.0	491.6	493.2	495.0	494.2	492.4	489.3	486.2	482.7
115°	480.8	480.2	479.1	481.1	482.5	484.3	483.9	482.6	479.9	476.5	472.2
117.5°	468.8	468.3	467.0	469.3	470.8	472.0	472.1	470.8	468.7	465.4	460.2
120°	455.2	455.9	455.7	456.5	457.5	458.7	459.5	458.4	456.4	452.5	448.1
122.5°	444.1	442.2	441.6	442.4	443.6	445.2	445.8	445.0	443.4	439.7	435.8
125°	428.1	428.1	427.5	427.8	429.2	430.2	430.6	430.4	428.8	425.8	422.4
127.5°	412.2	411.7	411.1	412.0	413.5	414.6	415.0	414.6	413.3	410.7	407.4
130°	400.2	397.8	395.3	396.0	396.9	397.5	397.8	397.5	396.6	394.2	391.3
132.5°	381.9	380.2	377.6	378.8	379.7	380.7	380.9	380.1	378.8	377.8	375.2
135°	362.0	362.0	360.4	361.8	362.3	363.0	363.3	363.4	361.5	359.9	357.1
137.5°	344.4	344.0	342.2	342.7	343.2	343.8	344.2	343.7	343.0	341.2	338.6
140°	328.5	327.2	324.4	324.0	324.4	324.1	324.3	324.1	323.3	321.5	318.8
142.5°	303.8	305.0	304.9	304.7	304.7	304.2	304.4	304.5	303.9	301.7	299.0
145°	285.4	285.7	284.6	283.6	284.2	284.3	284.0	283.6	282.4	280.3	277.9
147.5°	261.5	262.5	262.4	262.1	262.8	263.1	262.9	262.0	260.6	258.7	256.3
150°	241.6	242.5	242.3	241.8	241.6	241.6	241.1	240.2	239.1	237.6	235.1
152.5°	218.5	219.5	219.5	219.3	218.7	218.8	218.3	217.3	215.5	213.9	211.6
155°	196.1	197.0	197.0	196.7	195.9	195.5	195.0	194.1	192.8	191.2	189.3
157.5°	172.2	173.0	173.9	172.7	172.0	171.1	170.8	169.9	168.6	166.9	164.6
160°	148.3	149.0	149.8	148.9	148.3	147.5	146.7	146.1	145.1	143.8	142.1
162.5°	125.2	126.0	126.7	126.0	125.6	124.8	123.8	122.8	121.9	120.6	119.1
165°	101.3	101.9	102.6	101.9	101.6	101.0	100.1	98.9	97.7	96.8	95.6
167.5°	78.1	78.5	79.0	78.4	78.1	77.6	76.8	75.9	74.7	73.4	72.4
170°	55.0	55.4	55.8	56.3	55.5	55.2	54.8	54.3	53.5	52.6	51.6
172.5°	35.9	36.2	36.4	36.7	36.2	36.0	35.7	35.3	34.8	34.3	33.6
175°	18.3	18.5	18.7	18.9	19.1	18.7	18.7	18.6	18.4	18.2	18.0
177.5°	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.2	6.3	6.3	6.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.8
5°	17.7	17.4	17.0	16.6	16.2	15.7	15.1	14.6	14.0	13.3	12.7
7.5°	32.9	32.0	31.1	30.1	29.1	27.9	26.6	25.8	24.7	23.9	23.1
10°	50.4	49.0	48.2	47.1	45.9	44.5	43.2	41.9	40.4	38.8	37.1
12.5°	71.4	70.1	68.7	67.1	65.3	63.6	61.7	59.6	57.4	54.9	52.3
15°	94.2	92.6	90.8	88.8	86.5	84.1	81.4	78.5	75.4	72.5	69.4
17.5°	117.2	115.1	112.8	110.5	108.0	105.3	102.3	99.0	95.3	91.4	87.1
20°	140.1	137.8	135.3	132.6	129.5	126.2	122.7	119.0	115.0	110.7	105.9
22.5°	162.4	160.1	157.5	154.4	151.0	147.2	143.3	139.0	134.6	129.4	124.0
25°	186.7	183.5	180.0	176.2	172.4	168.5	164.1	159.3	154.1	148.6	143.5
27.5°	209.0	206.1	202.9	199.3	194.8	190.0	185.7	179.5	173.7	167.4	160.8
30°	231.8	228.4	225.3	221.0	216.6	211.7	206.2	200.2	193.7	186.6	178.9
32.5°	254.1	251.0	247.0	242.4	237.8	232.6	226.6	220.0	213.1	205.8	197.3
35°	275.0	271.6	267.7	263.0	257.6	251.9	245.6	238.7	231.6	223.6	214.8
37.5°	296.1	292.9	288.9	284.2	277.4	271.3	264.7	257.0	249.0	241.1	231.6
40°	316.1	313.3	308.9	303.1	296.7	290.1	283.7	276.1	266.7	257.3	247.2
42.5°	335.6	332.4	328.1	321.9	315.7	307.6	299.9	292.3	283.9	274.0	263.3
45°	354.2	349.8	345.0	340.2	333.0	324.9	316.5	307.5	299.0	289.5	278.6
47.5°	371.2	366.3	361.1	355.6	349.2	341.3	332.8	323.6	313.9	304.0	292.9
50°	387.5	382.5	377.3	371.5	365.1	356.7	348.2	338.9	328.6	318.0	306.5
52.5°	403.2	397.9	392.4	386.2	378.8	371.4	362.4	352.6	342.6	331.4	319.4
55°	417.6	412.5	406.9	400.7	392.7	384.7	376.1	366.0	354.9	343.3	332.0
57.5°	431.2	426.2	420.6	413.6	405.9	398.0	388.5	378.2	367.5	355.1	342.3
60°	444.0	438.8	432.7	425.7	417.8	409.4	399.9	389.2	378.0	365.7	352.6
62.5°	455.5	450.7	444.3	437.2	429.1	420.8	411.1	400.0	387.7	375.5	362.3
65°	467.3	461.9	455.0	447.9	439.3	430.8	421.8	410.1	397.7	384.7	371.2
67.5°	478.0	472.6	465.2	457.4	448.6	439.6	430.0	418.3	406.4	393.3	379.0
70°	487.5	481.4	474.5	466.4	457.2	447.8	437.6	426.1	413.8	400.8	386.2
72.5°	495.6	489.4	482.4	474.1	464.8	454.8	444.7	433.2	420.4	407.0	392.1
75°	502.5	496.1	489.1	480.7	471.3	461.0	450.7	438.6	426.0	412.2	397.4
77.5°	508.4	502.1	494.3	485.9	476.2	466.5	455.7	443.6	430.6	416.5	401.7
80°	512.8	506.6	498.7	490.0	480.4	470.5	459.5	447.5	434.2	419.9	405.0
82.5°	515.9	510.0	502.2	493.4	483.8	473.4	461.5	449.6	436.7	422.5	407.7
85°	518.5	512.2	504.3	495.5	485.7	475.5	463.3	451.4	438.2	424.4	409.9
87.5°	518.8	512.6	505.4	496.7	486.3	476.8	464.6	452.7	439.6	425.7	411.1
90°	518.2	512.6	504.7	496.7	486.3	476.8	464.0	452.1	440.1	425.7	410.6
92.5°	518.8	512.6	505.4	496.7	486.3	476.8	464.6	452.7	439.6	425.7	411.1
95°	518.5	512.2	504.3	495.5	485.7	475.5	463.3	451.4	438.2	424.4	409.9
97.5°	515.9	510.0	502.2	493.4	483.8	473.4	461.5	449.6	436.7	422.5	407.7
100°	512.8	506.6	498.7	490.0	480.4	470.5	459.5	447.5	434.2	419.9	405.0
102.5°	508.4	502.1	494.3	485.9	476.2	466.5	455.7	443.6	430.6	416.5	401.7
105°	502.5	496.1	489.1	480.7	471.3	461.0	450.7	438.6	426.0	412.2	397.4
107.5°	495.6	489.4	482.4	474.1	464.8	454.8	444.7	433.2	420.4	407.0	392.1
110°	487.5	481.4	474.5	466.4	457.2	447.8	437.6	426.1	413.8	400.8	386.2



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	478.0	472.6	465.2	457.4	448.6	439.6	430.0	418.3	406.4	393.3	379.0
115°	467.3	461.9	455.0	447.9	439.3	430.8	421.8	410.1	397.7	384.7	371.2
117.5°	455.5	450.7	444.3	437.2	429.1	420.8	411.1	400.0	387.7	375.5	362.3
120°	444.0	438.8	432.7	425.7	417.8	409.4	399.9	389.2	378.0	365.7	352.6
122.5°	431.2	426.2	420.6	413.6	405.9	398.0	388.5	378.2	367.5	355.1	342.3
125°	417.6	412.5	406.9	400.7	392.7	384.7	376.1	366.0	354.9	343.3	332.0
127.5°	403.2	397.9	392.4	386.2	378.8	371.4	362.4	352.6	342.6	331.4	319.4
130°	387.5	382.5	377.3	371.5	365.1	356.7	348.2	338.9	328.6	318.0	306.5
132.5°	371.2	366.3	361.1	355.6	349.2	341.3	332.8	323.6	313.9	304.0	292.9
135°	354.2	349.8	345.0	340.2	333.0	324.9	316.5	307.5	299.0	289.5	278.6
137.5°	335.6	332.4	328.1	321.9	315.7	307.6	299.9	292.3	283.9	274.0	263.3
140°	316.1	313.3	308.9	303.1	296.7	290.1	283.7	276.1	266.7	257.3	247.2
142.5°	296.1	292.9	288.9	284.2	277.4	271.3	264.7	257.0	249.0	241.1	231.6
145°	275.0	271.6	267.7	263.0	257.6	251.9	245.6	238.7	231.6	223.6	214.8
147.5°	254.1	251.0	247.0	242.4	237.8	232.6	226.6	220.0	213.1	205.8	197.3
150°	231.8	228.4	225.3	221.0	216.6	211.7	206.2	200.2	193.7	186.6	178.9
152.5°	209.0	206.1	202.9	199.3	194.8	190.0	185.7	179.5	173.7	167.4	160.8
155°	186.7	183.5	180.0	176.2	172.4	168.5	164.1	159.3	154.1	148.6	143.5
157.5°	162.4	160.1	157.5	154.4	151.0	147.2	143.3	139.0	134.6	129.4	124.0
160°	140.1	137.8	135.3	132.6	129.5	126.2	122.7	119.0	115.0	110.7	105.9
162.5°	117.2	115.1	112.8	110.5	108.0	105.3	102.3	99.0	95.3	91.4	87.1
165°	94.2	92.6	90.8	88.8	86.5	84.1	81.4	78.5	75.4	72.5	69.4
167.5°	71.4	70.1	68.7	67.1	65.3	63.6	61.7	59.6	57.4	54.9	52.3
170°	50.4	49.0	48.2	47.1	45.9	44.5	43.2	41.9	40.4	38.8	37.1
172.5°	32.9	32.0	31.1	30.1	29.1	27.9	26.6	25.8	24.7	23.9	23.1
175°	17.7	17.4	17.0	16.6	16.2	15.7	15.1	14.6	14.0	13.3	12.7
177.5°	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.7	5.6	5.5	5.3	5.2	5.0	4.8	4.6	4.5	4.3	4.1
5°	12.0	11.2	10.5	10.1	9.8	9.5	9.1	8.7	8.3	7.9	7.5
7.5°	22.3	21.3	20.3	19.3	18.2	17.0	15.7	15.1	14.6	14.0	13.4
10°	35.3	33.3	31.3	29.8	28.2	26.6	24.9	23.1	21.2	20.2	19.5
12.5°	50.0	47.6	45.1	42.4	39.7	37.3	35.2	33.1	30.8	28.5	27.0
15°	66.2	62.7	59.6	56.1	52.9	49.5	46.0	43.3	40.6	37.8	34.9
17.5°	83.2	78.6	74.5	70.2	66.0	62.1	58.0	53.8	50.3	47.1	43.7
20°	100.7	95.4	90.1	85.2	80.2	75.0	70.3	65.3	60.2	56.3	52.5
22.5°	118.2	112.3	106.3	100.1	94.4	88.5	82.3	77.0	71.7	66.6	62.3
25°	135.9	128.8	121.6	115.2	108.6	101.8	95.0	88.2	82.0	75.5	70.6
27.5°	153.8	146.3	138.5	130.8	123.1	115.1	107.6	100.0	92.7	85.6	79.2
30°	171.2	163.3	155.1	146.4	137.7	129.1	120.4	111.9	103.7	95.7	88.2
32.5°	188.5	179.8	171.1	161.9	152.3	142.6	132.9	123.2	113.5	104.7	96.4
35°	205.4	195.8	186.1	176.2	165.9	155.2	144.6	134.3	123.4	113.3	104.4
37.5°	221.5	211.2	200.5	189.9	179.8	167.8	156.3	144.7	133.6	122.8	113.1
40°	236.6	226.3	215.1	203.6	191.9	179.8	167.6	155.5	143.6	132.6	122.0
42.5°	251.7	240.5	229.0	217.2	204.9	191.8	178.7	165.7	152.8	141.0	129.4
45°	266.8	254.7	242.1	229.4	216.9	203.1	189.4	175.5	161.9	148.9	136.3
47.5°	281.0	268.4	255.1	241.6	227.9	214.1	199.6	184.9	170.4	156.5	143.3
50°	294.2	281.5	268.1	252.9	238.6	224.1	209.0	193.7	178.4	163.7	150.1
52.5°	306.5	293.2	279.4	264.7	249.5	233.9	218.1	202.3	186.4	170.6	156.3
55°	318.1	304.3	290.0	275.2	259.0	242.7	226.4	210.4	194.5	177.7	162.4
57.5°	328.8	314.4	300.3	284.6	268.1	251.2	234.4	217.8	201.2	183.8	167.8
60°	339.2	324.0	308.9	293.2	276.7	259.5	241.9	224.7	207.0	189.3	172.9
62.5°	347.9	333.1	317.8	301.4	284.7	267.2	248.7	230.8	212.7	194.5	177.4
65°	356.5	341.2	325.8	308.9	291.4	273.9	254.7	236.1	218.1	199.6	181.7
67.5°	364.6	349.1	332.9	316.0	297.9	280.0	260.5	241.5	223.1	204.3	186.1
70°	371.3	355.3	338.6	320.8	303.8	285.6	265.7	246.4	227.7	208.7	190.1
72.5°	376.9	361.0	344.4	327.0	309.2	290.2	270.2	250.4	231.0	211.7	193.1
75°	382.0	366.0	349.1	331.7	313.6	294.1	274.1	254.1	233.8	214.2	195.7
77.5°	386.7	370.3	353.3	335.5	317.1	297.1	277.3	256.9	236.7	216.4	197.4
80°	389.8	373.1	356.2	338.2	319.4	299.3	280.0	259.1	239.4	218.4	198.9
82.5°	392.3	375.2	358.7	340.3	321.6	301.5	281.5	260.6	240.8	219.9	200.5
85°	393.7	376.9	360.8	341.9	323.5	304.4	283.0	262.3	242.4	221.6	200.9
87.5°	394.7	378.2	362.0	342.8	323.8	304.6	283.4	261.9	242.4	222.0	200.9
90°	394.7	378.7	362.0	342.8	322.9	304.6	283.8	261.5	242.4	222.4	200.9
92.5°	394.7	378.2	362.0	342.8	323.8	304.6	283.4	261.9	242.4	222.0	200.9
95°	393.7	376.9	360.8	341.9	323.5	304.4	283.0	262.3	242.4	221.6	200.9
97.5°	392.3	375.2	358.7	340.3	321.6	301.5	281.5	260.6	240.8	219.9	200.5
100°	389.8	373.1	356.2	338.2	319.4	299.3	280.0	259.1	239.4	218.4	198.9
102.5°	386.7	370.3	353.3	335.5	317.1	297.1	277.3	256.9	236.7	216.4	197.4
105°	382.0	366.0	349.1	331.7	313.6	294.1	274.1	254.1	233.8	214.2	195.7
107.5°	376.9	361.0	344.4	327.0	309.2	290.2	270.2	250.4	231.0	211.7	193.1
110°	371.3	355.3	338.6	320.8	303.8	285.6	265.7	246.4	227.7	208.7	190.1



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	364.6	349.1	332.9	316.0	297.9	280.0	260.5	241.5	223.1	204.3	186.1
115°	356.5	341.2	325.8	308.9	291.4	273.9	254.7	236.1	218.1	199.6	181.7
117.5°	347.9	333.1	317.8	301.4	284.7	267.2	248.7	230.8	212.7	194.5	177.4
120°	339.2	324.0	308.9	293.2	276.7	259.5	241.9	224.7	207.0	189.3	172.9
122.5°	328.8	314.4	300.3	284.6	268.1	251.2	234.4	217.8	201.2	183.8	167.8
125°	318.1	304.3	290.0	275.2	259.0	242.7	226.4	210.4	194.5	177.7	162.4
127.5°	306.5	293.2	279.4	264.7	249.5	233.9	218.1	202.3	186.4	170.6	156.3
130°	294.2	281.5	268.1	252.9	238.6	224.1	209.0	193.7	178.4	163.7	150.1
132.5°	281.0	268.4	255.1	241.6	227.9	214.1	199.6	184.9	170.4	156.5	143.3
135°	266.8	254.7	242.1	229.4	216.9	203.1	189.4	175.5	161.9	148.9	136.3
137.5°	251.7	240.5	229.0	217.2	204.9	191.8	178.7	165.7	152.8	141.0	129.4
140°	236.6	226.3	215.1	203.6	191.9	179.8	167.6	155.5	143.6	132.6	122.0
142.5°	221.5	211.2	200.5	189.9	179.8	167.8	156.3	144.7	133.6	122.8	113.1
145°	205.4	195.8	186.1	176.2	165.9	155.2	144.6	134.3	123.4	113.3	104.4
147.5°	188.5	179.8	171.1	161.9	152.3	142.6	132.9	123.2	113.5	104.7	96.4
150°	171.2	163.3	155.1	146.4	137.7	129.1	120.4	111.9	103.7	95.7	88.2
152.5°	153.8	146.3	138.5	130.8	123.1	115.1	107.6	100.0	92.7	85.6	79.2
155°	135.9	128.8	121.6	115.2	108.6	101.8	95.0	88.2	82.0	75.5	70.6
157.5°	118.2	112.3	106.3	100.1	94.4	88.5	82.3	77.0	71.7	66.6	62.3
160°	100.7	95.4	90.1	85.2	80.2	75.0	70.3	65.3	60.2	56.3	52.5
162.5°	83.2	78.6	74.5	70.2	66.0	62.1	58.0	53.8	50.3	47.1	43.7
165°	66.2	62.7	59.6	56.1	52.9	49.5	46.0	43.3	40.6	37.8	34.9
167.5°	50.0	47.6	45.1	42.4	39.7	37.3	35.2	33.1	30.8	28.5	27.0
170°	35.3	33.3	31.3	29.8	28.2	26.6	24.9	23.1	21.2	20.2	19.5
172.5°	22.3	21.3	20.3	19.3	18.2	17.0	15.7	15.1	14.6	14.0	13.4
175°	12.0	11.2	10.5	10.1	9.8	9.5	9.1	8.7	8.3	7.9	7.5
177.5°	5.7	5.6	5.5	5.3	5.2	5.0	4.8	4.6	4.5	4.3	4.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.9	3.6	3.4	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.8
5°	7.0	6.6	6.1	5.6	5.5	5.4	5.4	5.2	5.1	5.0	4.9
7.5°	12.8	12.2	11.5	10.8	10.6	10.5	10.3	10.1	9.9	9.6	9.3
10°	18.6	17.8	16.9	15.9	15.7	15.5	15.3	15.0	14.7	14.4	14.0
12.5°	26.0	25.0	23.9	22.7	22.4	22.1	21.7	21.2	20.7	20.2	19.7
15°	33.5	32.2	30.9	29.5	29.0	28.5	27.9	27.3	26.8	26.2	25.6
17.5°	41.0	39.6	38.2	36.7	36.1	35.3	34.5	33.9	33.2	32.5	31.7
20°	48.5	46.9	45.5	43.9	43.0	42.1	41.1	40.4	39.8	39.0	37.8
22.5°	57.9	54.9	52.6	50.2	49.5	48.8	47.9	46.9	45.9	45.0	43.9
25°	66.2	62.6	60.0	57.4	56.7	55.8	54.8	53.7	52.6	51.3	50.1
27.5°	74.2	69.5	66.9	64.2	63.2	62.1	61.1	59.9	58.8	57.5	56.1
30°	82.3	76.3	73.7	71.0	69.7	68.4	67.3	66.0	65.1	63.9	62.0
32.5°	89.7	83.5	80.1	77.0	75.8	74.6	73.4	72.2	71.0	69.5	67.5
35°	96.8	90.7	86.5	82.9	81.9	80.8	79.6	78.2	76.8	74.9	72.8
37.5°	104.1	97.2	92.5	88.9	87.6	86.3	85.1	83.7	82.2	80.1	78.0
40°	111.6	103.9	98.4	94.9	93.3	91.8	90.5	89.0	87.3	85.1	83.2
42.5°	117.9	110.0	104.0	100.1	98.4	96.9	95.6	94.1	92.2	90.0	88.2
45°	124.4	116.0	109.7	105.2	103.4	102.0	100.6	99.1	97.0	94.9	93.0
47.5°	131.0	121.7	114.8	110.4	108.3	106.7	105.2	103.7	101.5	99.4	97.3
50°	137.6	127.3	119.8	115.6	113.1	111.3	109.9	108.2	105.9	103.6	101.2
52.5°	142.8	131.9	124.3	119.6	117.3	115.7	114.0	112.2	110.1	107.5	105.1
55°	148.0	136.4	128.8	123.6	121.6	120.0	118.1	116.1	114.2	111.2	108.7
57.5°	153.0	140.8	132.5	127.2	125.1	123.6	121.8	119.7	117.4	114.6	112.1
60°	157.9	145.1	136.2	130.8	128.7	127.1	125.5	123.2	120.4	117.9	115.5
62.5°	162.1	149.1	139.6	134.0	131.8	130.2	128.4	126.0	123.4	120.9	118.1
65°	166.1	153.1	142.9	137.1	134.9	133.3	131.2	128.9	126.5	123.7	120.6
67.5°	169.8	155.3	145.4	139.5	137.3	135.7	133.5	131.2	128.9	126.0	122.8
70°	172.4	158.1	147.9	141.9	139.6	138.0	135.8	133.4	130.6	127.9	124.6
72.5°	175.1	160.4	150.0	143.9	141.2	139.6	137.7	135.1	132.3	129.6	126.2
75°	177.7	162.6	152.3	145.9	142.8	141.2	139.6	136.6	134.1	131.1	127.9
77.5°	179.1	164.4	153.5	147.1	144.4	142.4	140.8	137.7	135.2	132.2	128.8
80°	180.3	166.6	154.7	148.3	145.9	143.6	141.9	138.8	136.4	133.2	129.5
82.5°	182.2	167.0	155.1	149.1	146.3	144.3	142.3	139.6	136.8	133.6	130.1
85°	183.4	167.4	155.5	149.9	146.7	145.1	142.7	140.3	137.1	133.9	130.8
87.5°	183.4	167.8	155.9	150.3	147.1	145.5	143.1	140.3	137.5	134.3	130.8
90°	183.4	168.2	156.3	150.7	147.5	145.9	143.5	140.3	137.9	134.7	130.8
92.5°	183.4	167.8	155.9	150.3	147.1	145.5	143.1	140.3	137.5	134.3	130.8
95°	183.4	167.4	155.5	149.9	146.7	145.1	142.7	140.3	137.1	133.9	130.8
97.5°	182.2	167.0	155.1	149.1	146.3	144.3	142.3	139.6	136.8	133.6	130.1
100°	180.3	166.6	154.7	148.3	145.9	143.6	141.9	138.8	136.4	133.2	129.5
102.5°	179.1	164.4	153.5	147.1	144.4	142.4	140.8	137.7	135.2	132.2	128.8
105°	177.7	162.6	152.3	145.9	142.8	141.2	139.6	136.6	134.1	131.1	127.9
107.5°	175.1	160.4	150.0	143.9	141.2	139.6	137.7	135.1	132.3	129.6	126.2
110°	172.4	158.1	147.9	141.9	139.6	138.0	135.8	133.4	130.6	127.9	124.6



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	169.8	155.3	145.4	139.5	137.3	135.7	133.5	131.2	128.9	126.0	122.8
115°	166.1	153.1	142.9	137.1	134.9	133.3	131.2	128.9	126.5	123.7	120.6
117.5°	162.1	149.1	139.6	134.0	131.8	130.2	128.4	126.0	123.4	120.9	118.1
120°	157.9	145.1	136.2	130.8	128.7	127.1	125.5	123.2	120.4	117.9	115.5
122.5°	153.0	140.8	132.5	127.2	125.1	123.6	121.8	119.7	117.4	114.6	112.1
125°	148.0	136.4	128.8	123.6	121.6	120.0	118.1	116.1	114.2	111.2	108.7
127.5°	142.8	131.9	124.3	119.6	117.3	115.7	114.0	112.2	110.1	107.5	105.1
130°	137.6	127.3	119.8	115.6	113.1	111.3	109.9	108.2	105.9	103.6	101.2
132.5°	131.0	121.7	114.8	110.4	108.3	106.7	105.2	103.7	101.5	99.4	97.3
135°	124.4	116.0	109.7	105.2	103.4	102.0	100.6	99.1	97.0	94.9	93.0
137.5°	117.9	110.0	104.0	100.1	98.4	96.9	95.6	94.1	92.2	90.0	88.2
140°	111.6	103.9	98.4	94.9	93.3	91.8	90.5	89.0	87.3	85.1	83.2
142.5°	104.1	97.2	92.5	88.9	87.6	86.3	85.1	83.7	82.2	80.1	78.0
145°	96.8	90.7	86.5	82.9	81.9	80.8	79.6	78.2	76.8	74.9	72.8
147.5°	89.7	83.5	80.1	77.0	75.8	74.6	73.4	72.2	71.0	69.5	67.5
150°	82.3	76.3	73.7	71.0	69.7	68.4	67.3	66.0	65.1	63.9	62.0
152.5°	74.2	69.5	66.9	64.2	63.2	62.1	61.1	59.9	58.8	57.5	56.1
155°	66.2	62.6	60.0	57.4	56.7	55.8	54.8	53.7	52.6	51.3	50.1
157.5°	57.9	54.9	52.6	50.2	49.5	48.8	47.9	46.9	45.9	45.0	43.9
160°	48.5	46.9	45.5	43.9	43.0	42.1	41.1	40.4	39.8	39.0	37.8
162.5°	41.0	39.6	38.2	36.7	36.1	35.3	34.5	33.9	33.2	32.5	31.7
165°	33.5	32.2	30.9	29.5	29.0	28.5	27.9	27.3	26.8	26.2	25.6
167.5°	26.0	25.0	23.9	22.7	22.4	22.1	21.7	21.2	20.7	20.2	19.7
170°	18.6	17.8	16.9	15.9	15.7	15.5	15.3	15.0	14.7	14.4	14.0
172.5°	12.8	12.2	11.5	10.7	10.6	10.5	10.3	10.1	9.9	9.6	9.3
175°	7.0	6.6	6.1	5.6	5.5	5.4	5.4	5.2	5.1	5.0	4.9
177.5°	3.9	3.6	3.4	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9
5°	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5	3.3	3.2
7.5°	9.0	8.7	8.3	7.9	7.5	7.1	6.6	6.1	5.6	5.1	4.7
10°	13.6	13.2	12.7	12.2	11.7	11.1	10.5	10.0	9.4	8.7	8.1
12.5°	19.1	18.5	17.8	17.0	16.1	15.3	14.4	13.6	12.7	11.9	11.1
15°	24.9	23.9	23.0	22.0	20.9	19.9	18.9	17.9	16.7	15.6	14.4
17.5°	30.6	29.4	28.2	27.0	25.9	24.7	23.5	22.2	21.0	19.6	18.2
20°	36.6	35.3	33.9	32.6	31.2	29.8	28.4	26.9	25.3	23.3	21.6
22.5°	42.7	41.2	39.6	37.9	36.5	35.0	33.4	31.4	29.5	27.4	25.4
25°	48.7	47.1	45.5	43.8	42.0	40.1	38.0	35.9	33.8	31.6	29.4
27.5°	54.4	52.6	50.9	49.0	47.0	44.9	42.7	40.5	38.1	35.5	33.0
30°	60.0	58.2	56.3	54.2	51.9	49.6	47.0	44.4	41.9	39.2	36.4
32.5°	65.6	63.7	61.6	59.1	56.7	54.3	51.6	48.9	46.2	43.4	40.5
35°	70.9	68.9	66.5	64.0	61.6	59.0	56.2	53.2	50.2	47.1	43.9
37.5°	76.2	74.0	71.4	68.8	66.1	63.2	60.2	57.1	53.9	50.6	47.2
40°	81.2	78.7	76.0	73.1	70.3	67.4	64.3	60.9	57.4	53.9	50.5
42.5°	86.0	83.4	80.2	77.2	74.3	71.3	68.1	64.4	60.7	57.3	53.5
45°	90.3	87.4	84.4	81.3	78.3	75.3	71.7	67.9	64.2	60.4	56.3
47.5°	94.4	91.6	88.6	85.2	81.9	78.5	74.9	71.2	67.4	63.3	59.3
50°	98.5	95.5	92.2	88.8	85.3	81.6	77.9	74.1	70.2	66.1	62.0
52.5°	102.4	99.1	95.8	92.3	88.7	84.9	80.9	77.0	73.0	68.5	64.4
55°	105.7	102.4	99.0	95.3	91.9	88.0	83.6	79.4	75.3	71.0	66.8
57.5°	109.0	105.7	102.1	98.2	94.6	90.4	86.1	81.9	77.9	73.3	68.7
60°	112.1	108.4	104.7	101.0	97.1	92.9	88.6	84.2	79.8	75.2	70.6
62.5°	114.9	111.0	107.5	103.6	99.4	95.2	90.8	86.1	81.8	76.8	72.0
65°	117.3	113.6	109.5	105.7	101.6	97.3	92.7	88.0	83.4	78.3	73.5
67.5°	119.4	115.7	111.5	108.0	103.8	99.0	94.5	89.8	84.9	79.8	74.7
70°	121.1	117.4	113.8	109.6	105.0	100.7	96.1	91.3	86.4	81.2	75.7
72.5°	122.7	118.9	114.9	110.8	106.5	102.0	97.4	92.3	87.2	82.2	76.5
75°	124.1	120.1	116.1	111.8	107.3	103.0	98.4	93.4	88.0	82.9	77.3
77.5°	125.2	121.2	117.2	112.6	108.3	103.8	99.0	94.1	88.8	83.2	77.7
80°	126.1	122.2	118.2	113.5	108.8	104.1	99.7	94.7	89.2	83.6	78.0
82.5°	126.6	122.6	118.6	113.9	109.2	104.4	100.3	95.0	89.5	83.9	78.2
85°	126.9	122.9	118.9	114.1	109.3	104.5	100.0	95.0	89.5	83.9	78.3
87.5°	127.2	123.2	118.8	114.4	109.6	104.8	100.1	95.0	89.4	83.8	78.2
90°	127.6	123.6	118.8	114.8	110.0	105.2	100.5	94.9	89.3	83.7	78.1
92.5°	127.2	123.2	118.8	114.4	109.6	104.8	100.1	95.0	89.4	83.8	78.2
95°	126.9	122.9	118.9	114.1	109.3	104.5	100.0	95.0	89.5	83.9	78.3
97.5°	126.6	122.6	118.6	113.9	109.2	104.4	100.3	95.0	89.5	83.9	78.2
100°	126.1	122.2	118.2	113.5	108.8	104.1	99.7	94.7	89.2	83.6	78.0
102.5°	125.2	121.2	117.2	112.6	108.3	103.8	99.0	94.1	88.8	83.2	77.7
105°	124.1	120.1	116.1	111.8	107.3	103.0	98.4	93.4	88.0	82.9	77.3
107.5°	122.7	118.9	114.9	110.8	106.5	102.0	97.4	92.3	87.2	82.2	76.5
110°	121.1	117.4	113.8	109.6	105.0	100.7	96.1	91.3	86.4	81.2	75.7



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	119.4	115.7	111.5	108.0	103.8	99.0	94.5	89.8	84.9	79.8	74.7
115°	117.3	113.6	109.5	105.7	101.6	97.3	92.7	88.0	83.4	78.3	73.5
117.5°	114.9	111.0	107.5	103.6	99.4	95.2	90.8	86.1	81.8	76.8	72.0
120°	112.1	108.4	104.7	101.0	97.1	92.9	88.6	84.2	79.8	75.2	70.6
122.5°	109.0	105.7	102.1	98.2	94.6	90.4	86.1	81.9	77.9	73.3	68.7
125°	105.7	102.4	99.0	95.3	91.9	88.0	83.6	79.4	75.3	71.0	66.8
127.5°	102.4	99.1	95.8	92.3	88.7	84.9	80.9	77.0	73.0	68.5	64.4
130°	98.5	95.5	92.2	88.8	85.3	81.6	77.9	74.1	70.2	66.1	62.0
132.5°	94.4	91.6	88.6	85.2	81.9	78.5	74.9	71.2	67.4	63.3	59.3
135°	90.3	87.4	84.4	81.3	78.3	75.3	71.7	67.9	64.2	60.4	56.3
137.5°	86.0	83.4	80.2	77.2	74.3	71.3	68.1	64.4	60.7	57.3	53.5
140°	81.2	78.7	76.0	73.1	70.3	67.4	64.3	60.9	57.4	53.9	50.5
142.5°	76.2	74.0	71.4	68.8	66.1	63.2	60.2	57.1	53.9	50.6	47.2
145°	70.9	68.9	66.5	64.0	61.6	59.0	56.2	53.2	50.2	47.1	43.9
147.5°	65.6	63.7	61.6	59.1	56.7	54.3	51.6	48.9	46.2	43.4	40.5
150°	60.0	58.2	56.3	54.2	51.9	49.6	47.0	44.4	41.9	39.2	36.4
152.5°	54.4	52.6	50.9	49.0	47.0	44.9	42.7	40.5	38.1	35.5	33.0
155°	48.7	47.1	45.5	43.8	42.0	40.1	38.0	35.9	33.8	31.6	29.4
157.5°	42.7	41.2	39.6	37.9	36.5	35.0	33.4	31.4	29.5	27.4	25.4
160°	36.6	35.3	33.9	32.6	31.2	29.8	28.4	26.9	25.3	23.3	21.6
162.5°	30.6	29.4	28.2	27.0	25.9	24.7	23.5	22.2	21.0	19.6	18.2
165°	24.9	23.9	23.0	22.0	20.9	19.9	18.9	17.9	16.7	15.6	14.4
167.5°	19.1	18.5	17.8	17.0	16.1	15.3	14.4	13.6	12.7	11.9	11.1
170°	13.6	13.2	12.7	12.2	11.7	11.1	10.5	10.0	9.4	8.7	8.1
172.5°	9.0	8.7	8.3	7.9	7.5	7.1	6.6	6.1	5.6	5.1	4.7
175°	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5	3.3	3.2
177.5°	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
5°	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.4	1.2
7.5°	4.0	3.9	3.7	3.5	3.2	3.0	2.8	2.5	2.3	2.1	1.8
10°	7.5	6.8	6.0	5.3	4.5	3.6	3.3	3.0	2.7	2.3	2.0
12.5°	10.2	9.3	8.4	7.5	6.6	5.7	4.8	3.8	3.1	2.8	2.4
15°	13.1	11.9	10.9	9.8	8.8	7.7	6.6	5.4	4.3	3.1	2.4
17.5°	16.7	15.1	13.6	12.0	10.6	9.4	8.1	6.8	5.6	4.3	3.1
20°	19.9	18.2	16.5	14.8	13.0	11.2	9.6	8.3	6.9	5.6	4.3
22.5°	23.4	21.4	19.5	17.5	15.4	13.4	11.4	9.4	7.9	6.5	5.0
25°	27.0	24.7	22.2	19.8	17.7	15.6	13.4	11.2	8.9	7.2	5.7
27.5°	30.5	27.9	25.4	22.9	20.2	17.6	15.1	12.7	10.3	7.8	6.2
30°	33.8	31.1	28.3	25.5	22.5	19.7	16.9	14.4	11.9	9.2	6.7
32.5°	37.3	34.2	31.2	28.0	25.1	22.1	19.0	15.6	13.0	10.3	7.6
35°	40.6	37.5	34.3	31.0	27.6	24.2	20.9	17.7	14.5	11.6	8.6
37.5°	43.9	40.6	37.0	33.6	30.0	26.3	22.9	19.4	15.9	12.4	9.3
40°	46.9	43.3	39.5	35.7	31.9	28.4	24.7	20.8	17.0	13.2	9.9
42.5°	49.7	46.1	42.2	38.3	34.4	30.1	25.6	21.5	17.7	14.2	10.9
45°	52.6	48.8	44.7	40.7	36.1	31.4	27.0	22.4	18.5	14.9	11.3
47.5°	55.3	51.0	46.7	42.3	37.7	33.1	28.2	23.5	19.7	15.4	11.5
50°	57.7	53.2	48.6	43.8	38.9	33.9	28.9	24.3	20.1	16.0	12.0
52.5°	59.9	55.0	50.4	45.3	39.9	34.7	29.8	25.1	20.6	16.4	12.4
55°	61.9	57.1	52.3	46.6	41.2	35.6	30.4	25.7	21.4	16.9	12.7
57.5°	63.8	58.9	53.8	48.0	42.6	36.6	31.2	26.5	21.9	17.2	12.9
60°	65.3	60.4	55.0	48.8	43.1	37.3	31.7	26.9	22.1	17.2	13.0
62.5°	67.0	61.9	56.4	50.0	44.0	38.1	32.3	27.0	22.0	17.4	13.3
65°	68.5	63.1	57.4	51.2	44.7	38.8	32.9	27.3	22.5	17.5	13.2
67.5°	69.5	64.3	58.7	52.6	45.8	39.6	33.3	27.7	22.7	17.6	13.2
70°	70.5	65.1	59.3	53.5	46.6	39.6	33.4	27.6	22.7	17.3	13.1
72.5°	71.6	65.8	60.3	54.4	47.9	40.5	34.1	28.0	22.4	17.2	12.6
75°	72.2	66.4	61.0	54.7	48.4	41.2	34.2	28.1	22.4	17.0	12.1
77.5°	72.4	66.9	61.0	54.9	49.1	42.4	35.4	28.4	22.0	16.6	11.8
80°	72.4	66.8	61.0	54.9	49.0	43.0	36.0	28.5	22.1	16.3	11.2
82.5°	72.6	66.6	60.9	54.9	49.0	42.9	36.3	29.4	22.5	16.1	10.6
85°	72.7	66.4	60.5	54.9	48.7	42.4	36.0	30.0	23.5	16.8	10.4
87.5°	72.7	66.5	60.1	54.4	48.1	42.5	35.4	29.8	23.4	17.5	11.1
90°	72.6	67.0	60.6	54.2	48.6	42.3	35.9	29.5	23.1	16.7	11.2
92.5°	72.7	66.5	60.1	54.4	48.1	42.5	35.4	29.8	23.4	17.5	11.1
95°	72.7	66.4	60.5	54.9	48.7	42.4	36.0	30.0	23.5	16.8	10.4
97.5°	72.6	66.6	60.9	54.9	49.0	42.9	36.3	29.4	22.5	16.1	10.6
100°	72.4	66.8	61.0	54.9	49.0	43.0	36.0	28.5	22.1	16.3	11.2
102.5°	72.4	66.9	61.0	54.9	49.1	42.4	35.4	28.4	22.0	16.6	11.8
105°	72.2	66.4	61.0	54.7	48.4	41.2	34.2	28.1	22.4	17.0	12.1
107.5°	71.6	65.8	60.3	54.4	47.9	40.5	34.1	28.0	22.4	17.2	12.6
110°	70.5	65.1	59.3	53.5	46.6	39.6	33.4	27.6	22.7	17.3	13.1



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	69.5	64.3	58.7	52.6	45.8	39.6	33.3	27.7	22.7	17.6	13.2
115°	68.5	63.1	57.4	51.2	44.7	38.8	32.9	27.3	22.5	17.5	13.2
117.5°	67.0	61.9	56.4	50.0	44.0	38.1	32.3	27.0	22.0	17.4	13.3
120°	65.3	60.4	55.0	48.8	43.1	37.3	31.7	26.9	22.1	17.2	13.0
122.5°	63.8	58.9	53.8	48.0	42.6	36.6	31.2	26.5	21.9	17.2	12.9
125°	61.9	57.1	52.3	46.6	41.2	35.6	30.4	25.7	21.4	16.9	12.7
127.5°	59.9	55.0	50.4	45.3	39.9	34.7	29.8	25.1	20.6	16.4	12.4
130°	57.7	53.2	48.6	43.8	38.9	33.9	28.9	24.3	20.1	16.0	12.0
132.5°	55.3	51.0	46.7	42.3	37.7	33.1	28.2	23.5	19.7	15.4	11.5
135°	52.6	48.8	44.7	40.7	36.1	31.4	27.0	22.4	18.5	14.9	11.3
137.5°	49.7	46.1	42.2	38.3	34.4	30.1	25.6	21.5	17.7	14.2	10.9
140°	46.9	43.3	39.5	35.7	31.9	28.4	24.7	20.8	17.0	13.2	9.9
142.5°	43.9	40.6	37.0	33.6	30.0	26.3	22.9	19.4	15.9	12.4	9.3
145°	40.6	37.5	34.3	31.0	27.6	24.2	20.9	17.7	14.5	11.6	8.6
147.5°	37.3	34.2	31.2	28.0	25.1	22.1	19.0	15.6	13.0	10.3	7.6
150°	33.8	31.1	28.3	25.5	22.5	19.7	16.9	14.4	11.9	9.2	6.7
152.5°	30.5	27.9	25.4	22.9	20.2	17.6	15.1	12.7	10.3	7.8	6.2
155°	27.0	24.7	22.2	19.8	17.7	15.6	13.4	11.2	8.9	7.2	5.7
157.5°	23.4	21.4	19.5	17.5	15.4	13.4	11.4	9.4	7.9	6.5	5.0
160°	19.9	18.2	16.5	14.8	13.0	11.2	9.6	8.3	6.9	5.6	4.3
162.5°	16.7	15.1	13.6	12.0	10.6	9.4	8.1	6.8	5.6	4.3	3.1
165°	13.1	11.9	10.9	9.8	8.8	7.7	6.6	5.4	4.3	3.1	2.4
167.5°	10.2	9.3	8.4	7.5	6.6	5.7	4.8	3.8	3.1	2.8	2.4
170°	7.5	6.8	6.0	5.3	4.5	3.6	3.3	3.0	2.7	2.3	2.0
172.5°	4.0	3.9	3.7	3.5	3.2	3.0	2.8	2.5	2.3	2.1	1.8
175°	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.4	1.2
177.5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
7.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
10°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
12.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
15°	2.0	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
17.5°	2.2	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
20°	3.0	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
22.5°	3.5	2.0	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
25°	4.1	2.6	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
27.5°	4.5	2.9	1.2	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.2
30°	5.0	3.3	1.6	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.6
32.5°	5.3	3.7	2.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	2.1
35°	5.7	3.9	2.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.4
37.5°	6.4	3.9	2.3	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.3
40°	7.0	4.0	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.3
42.5°	7.6	4.4	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.1
45°	7.8	4.9	2.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.3
47.5°	7.9	5.0	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
50°	8.2	4.9	2.5	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.5
52.5°	8.9	5.3	2.8	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.8
55°	8.5	5.4	2.7	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.7
57.5°	8.8	5.3	2.6	1.3	0.8	0.8	0.8	0.8	0.8	1.3	2.6
60°	9.2	5.8	3.1	1.4	0.8	0.8	0.8	0.8	0.8	1.4	3.1
62.5°	9.7	5.6	3.0	0.9	0.2	0.8	0.8	0.8	0.2	0.9	3.0
65°	9.5	5.8	2.9	1.0	0.7	0.8	0.8	0.8	0.7	1.0	2.9
67.5°	9.4	5.7	3.0	0.8	0.2	0.6	0.8	0.6	0.2	0.8	3.0
70°	9.6	5.8	2.6	0.8	0.0	0.5	0.8	0.5	0.0	0.8	2.6
72.5°	9.1	5.9	2.9	0.5	0.0	0.8	0.8	0.8	0.0	0.5	2.9
75°	8.3	4.9	2.5	0.7	0.0	0.8	0.8	0.8	0.0	0.7	2.5
77.5°	7.9	4.7	1.9	0.1	0.0	0.1	0.0	0.1	0.0	0.1	1.9
80°	7.1	3.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	6.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.1	3.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	7.9	4.7	1.9	0.1	0.0	0.1	0.0	0.1	0.0	0.1	1.9
105°	8.3	4.9	2.5	0.7	0.0	0.8	0.8	0.8	0.0	0.7	2.5
107.5°	9.1	5.9	2.9	0.5	0.0	0.8	0.8	0.8	0.0	0.5	2.9
110°	9.6	5.8	2.6	0.8	0.0	0.5	0.8	0.5	0.0	0.8	2.6



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	9.4	5.7	3.0	0.8	0.2	0.6	0.8	0.6	0.2	0.8	3.0
115°	9.5	5.8	2.9	1.0	0.7	0.8	0.8	0.8	0.7	1.0	2.9
117.5°	9.7	5.6	3.0	0.9	0.2	0.8	0.8	0.8	0.2	0.9	3.0
120°	9.2	5.8	3.1	1.4	0.8	0.8	0.8	0.8	0.8	1.4	3.1
122.5°	8.8	5.3	2.6	1.3	0.8	0.8	0.8	0.8	0.8	1.3	2.6
125°	8.5	5.4	2.7	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.7
127.5°	8.9	5.3	2.8	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.8
130°	8.2	4.9	2.5	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.5
132.5°	7.9	5.0	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
135°	7.8	4.9	2.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.3
137.5°	7.6	4.4	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.1
140°	7.0	4.0	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.3
142.5°	6.4	3.9	2.3	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.3
145°	5.7	3.9	2.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.4
147.5°	5.3	3.7	2.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	2.1
150°	5.0	3.3	1.6	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.6
152.5°	4.5	2.9	1.2	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.2
155°	4.1	2.6	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
157.5°	3.5	2.0	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
160°	3.0	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
162.5°	2.2	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
165°	2.0	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
167.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
170°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
172.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
175°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
177.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	0.5	0.6	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
5°	0.9	1.1	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.6
7.5°	1.3	1.6	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.5	3.7
10°	1.4	1.7	2.0	2.3	2.7	3.0	3.3	3.6	4.5	5.3	6.0
12.5°	1.8	2.1	2.4	2.8	3.1	3.8	4.8	5.7	6.6	7.5	8.4
15°	1.7	2.0	2.4	3.1	4.3	5.4	6.6	7.7	8.8	9.8	10.9
17.5°	1.9	2.2	3.1	4.3	5.6	6.8	8.1	9.4	10.6	12.0	13.6
20°	2.2	3.0	4.3	5.6	6.9	8.3	9.6	11.2	13.0	14.8	16.5
22.5°	2.0	3.5	5.0	6.5	7.9	9.4	11.4	13.4	15.4	17.5	19.5
25°	2.6	4.1	5.7	7.2	8.9	11.2	13.4	15.6	17.7	19.8	22.2
27.5°	2.9	4.5	6.2	7.8	10.3	12.7	15.1	17.6	20.2	22.9	25.4
30°	3.3	5.0	6.7	9.2	11.9	14.4	16.9	19.7	22.5	25.5	28.3
32.5°	3.7	5.3	7.6	10.3	13.0	15.6	19.0	22.1	25.1	28.0	31.2
35°	3.9	5.7	8.6	11.6	14.5	17.7	20.9	24.2	27.6	31.0	34.3
37.5°	3.9	6.4	9.3	12.4	15.9	19.4	22.9	26.3	30.0	33.6	37.0
40°	4.0	7.0	9.9	13.2	17.0	20.8	24.7	28.4	31.9	35.7	39.5
42.5°	4.4	7.6	10.9	14.2	17.7	21.5	25.6	30.1	34.4	38.3	42.2
45°	4.9	7.8	11.3	14.9	18.5	22.4	27.0	31.4	36.1	40.7	44.7
47.5°	5.0	7.9	11.5	15.4	19.7	23.5	28.2	33.1	37.7	42.3	46.7
50°	4.9	8.2	12.0	16.0	20.1	24.3	28.9	33.9	38.9	43.8	48.6
52.5°	5.3	8.9	12.4	16.4	20.6	25.1	29.8	34.7	39.9	45.3	50.4
55°	5.4	8.5	12.7	16.9	21.4	25.7	30.4	35.6	41.2	46.6	52.3
57.5°	5.3	8.8	12.9	17.2	21.9	26.5	31.1	36.6	42.6	48.0	53.8
60°	5.8	9.2	13.0	17.2	22.1	26.9	31.7	37.3	43.1	48.8	55.0
62.5°	5.6	9.7	13.3	17.4	22.0	27.0	32.3	38.1	44.0	50.0	56.4
65°	5.8	9.5	13.2	17.5	22.5	27.3	32.9	38.8	44.7	51.2	57.4
67.5°	5.7	9.4	13.2	17.6	22.7	27.7	33.3	39.6	45.8	52.6	58.7
70°	5.8	9.6	13.1	17.3	22.7	27.6	33.4	39.6	46.6	53.5	59.3
72.5°	5.9	9.1	12.6	17.2	22.4	28.0	34.1	40.5	47.9	54.4	60.3
75°	4.9	8.3	12.1	17.0	22.4	28.1	34.2	41.2	48.4	54.7	61.0
77.5°	4.7	7.9	11.8	16.6	22.0	28.4	35.4	42.4	49.1	54.9	61.0
80°	3.8	7.1	11.2	16.3	22.1	28.5	36.0	43.0	49.0	54.9	61.0
82.5°	2.6	6.3	10.6	16.1	22.5	29.4	36.3	42.9	49.0	54.9	60.9
85°	1.5	5.5	10.4	16.8	23.5	30.0	36.0	42.4	48.7	54.9	60.5
87.5°	0.4	4.6	11.1	17.5	23.4	29.8	35.4	42.5	48.1	54.4	60.1
90°	0.0	5.6	11.2	16.7	23.1	29.5	35.9	42.3	48.6	54.2	60.6
92.5°	0.4	4.6	11.1	17.5	23.4	29.8	35.4	42.5	48.1	54.4	60.1
95°	1.5	5.5	10.4	16.8	23.5	30.0	36.0	42.4	48.7	54.9	60.5
97.5°	2.6	6.3	10.6	16.1	22.5	29.4	36.3	42.9	49.0	54.9	60.9
100°	3.8	7.1	11.2	16.3	22.1	28.5	36.0	43.0	49.0	54.9	61.0
102.5°	4.7	7.9	11.8	16.6	22.0	28.4	35.4	42.4	49.1	54.9	61.0
105°	4.9	8.3	12.1	17.0	22.4	28.1	34.2	41.2	48.4	54.7	61.0
107.5°	5.9	9.1	12.6	17.2	22.4	28.0	34.1	40.5	47.9	54.4	60.3
110°	5.8	9.6	13.1	17.3	22.7	27.6	33.4	39.6	46.6	53.5	59.3



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	5.7	9.4	13.2	17.6	22.7	27.7	33.3	39.6	45.8	52.6	58.7
115°	5.8	9.5	13.2	17.5	22.5	27.3	32.9	38.8	44.7	51.2	57.4
117.5°	5.6	9.7	13.3	17.4	22.0	27.0	32.3	38.1	44.0	50.0	56.4
120°	5.8	9.2	13.0	17.2	22.1	26.9	31.7	37.3	43.1	48.8	55.0
122.5°	5.3	8.8	12.9	17.2	21.9	26.5	31.2	36.6	42.6	48.0	53.8
125°	5.4	8.5	12.7	16.9	21.4	25.7	30.4	35.6	41.2	46.6	52.3
127.5°	5.3	8.9	12.4	16.4	20.6	25.1	29.8	34.7	39.9	45.3	50.4
130°	4.9	8.2	12.0	16.0	20.1	24.3	28.9	33.9	38.9	43.8	48.6
132.5°	5.0	7.9	11.5	15.4	19.7	23.5	28.2	33.1	37.7	42.3	46.7
135°	4.9	7.8	11.3	14.9	18.5	22.4	27.0	31.4	36.1	40.7	44.7
137.5°	4.4	7.6	10.9	14.2	17.7	21.5	25.6	30.1	34.4	38.3	42.2
140°	4.0	7.0	9.9	13.2	17.0	20.8	24.7	28.4	31.9	35.7	39.5
142.5°	3.9	6.4	9.3	12.4	15.9	19.4	22.9	26.3	30.0	33.6	37.0
145°	3.9	5.7	8.6	11.6	14.5	17.7	20.9	24.2	27.6	31.0	34.3
147.5°	3.7	5.3	7.6	10.3	13.0	15.6	19.0	22.1	25.1	28.0	31.2
150°	3.3	5.0	6.7	9.2	11.9	14.4	16.9	19.7	22.5	25.5	28.3
152.5°	2.9	4.5	6.2	7.8	10.3	12.7	15.1	17.6	20.2	22.9	25.4
155°	2.6	4.1	5.7	7.2	8.9	11.2	13.4	15.6	17.7	19.8	22.2
157.5°	2.0	3.5	5.0	6.5	7.9	9.4	11.4	13.4	15.4	17.5	19.5
160°	2.2	3.0	4.3	5.6	6.9	8.3	9.6	11.2	13.0	14.8	16.5
162.5°	1.9	2.2	3.1	4.3	5.6	6.8	8.1	9.4	10.6	12.0	13.6
165°	1.7	2.0	2.4	3.1	4.3	5.4	6.6	7.7	8.8	9.8	10.9
167.5°	1.8	2.1	2.4	2.8	3.1	3.8	4.8	5.7	6.6	7.5	8.4
170°	1.4	1.7	2.0	2.3	2.7	3.0	3.3	3.6	4.5	5.3	6.0
172.5°	1.3	1.6	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.5	3.7
175°	0.9	1.1	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.6
177.5°	0.5	0.6	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.6
5°	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5
7.5°	3.9	4.0	4.7	5.1	5.6	6.1	6.6	7.1	7.5	7.9	8.3
10°	6.8	7.5	8.1	8.7	9.4	10.0	10.5	11.1	11.7	12.2	12.7
12.5°	9.3	10.2	11.1	11.9	12.7	13.6	14.4	15.3	16.1	17.0	17.8
15°	11.9	13.1	14.4	15.6	16.7	17.9	18.9	19.9	20.9	22.0	23.0
17.5°	15.1	16.7	18.2	19.6	21.0	22.2	23.5	24.7	25.9	27.0	28.2
20°	18.2	19.9	21.6	23.3	25.3	26.9	28.4	29.8	31.2	32.6	33.9
22.5°	21.4	23.4	25.4	27.4	29.5	31.4	33.4	35.0	36.5	37.9	39.6
25°	24.7	27.0	29.4	31.6	33.8	35.9	38.0	40.1	42.0	43.8	45.5
27.5°	27.9	30.5	33.0	35.5	38.1	40.5	42.7	44.9	47.0	49.0	50.9
30°	31.1	33.8	36.4	39.2	41.9	44.4	47.0	49.6	51.9	54.2	56.3
32.5°	34.2	37.3	40.5	43.4	46.2	48.9	51.6	54.3	56.7	59.1	61.6
35°	37.5	40.6	43.9	47.1	50.2	53.2	56.2	59.0	61.6	64.0	66.5
37.5°	40.6	43.9	47.2	50.6	53.9	57.1	60.2	63.2	66.1	68.8	71.4
40°	43.3	46.9	50.5	53.9	57.4	60.9	64.3	67.4	70.3	73.1	76.0
42.5°	46.1	49.7	53.5	57.3	60.7	64.4	68.1	71.3	74.3	77.2	80.2
45°	48.8	52.6	56.3	60.4	64.2	67.9	71.7	75.3	78.3	81.3	84.4
47.5°	51.0	55.3	59.3	63.3	67.4	71.2	74.9	78.5	81.9	85.2	88.6
50°	53.2	57.7	62.0	66.1	70.2	74.1	77.9	81.6	85.3	88.8	92.2
52.5°	55.0	59.9	64.4	68.5	73.0	77.0	80.9	84.9	88.7	92.3	95.8
55°	57.1	61.9	66.8	71.0	75.3	79.4	83.6	88.0	91.9	95.3	99.0
57.5°	58.9	63.8	68.7	73.3	77.9	81.9	86.1	90.4	94.6	98.2	102.1
60°	60.4	65.3	70.6	75.2	79.8	84.2	88.6	92.9	97.1	101.0	104.7
62.5°	61.9	67.0	72.0	76.8	81.8	86.1	90.8	95.2	99.4	103.6	107.5
65°	63.1	68.5	73.5	78.3	83.4	88.0	92.7	97.3	101.6	105.7	109.5
67.5°	64.3	69.5	74.7	79.8	84.9	89.8	94.5	99.0	103.8	108.0	111.5
70°	65.1	70.5	75.7	81.2	86.4	91.3	96.1	100.7	105.0	109.6	113.8
72.5°	65.8	71.6	76.5	82.2	87.2	92.3	97.4	102.0	106.5	110.8	114.9
75°	66.4	72.2	77.3	82.9	88.0	93.4	98.4	103.0	107.3	111.8	116.1
77.5°	66.9	72.4	77.7	83.2	88.8	94.1	99.0	103.8	108.3	112.6	117.2
80°	66.8	72.4	78.0	83.6	89.2	94.7	99.7	104.1	108.8	113.5	118.2
82.5°	66.6	72.6	78.2	83.9	89.5	95.0	100.3	104.4	109.2	113.9	118.6
85°	66.4	72.7	78.3	83.9	89.5	95.0	100.0	104.5	109.3	114.1	118.9
87.5°	66.5	72.7	78.2	83.8	89.4	95.0	100.1	104.8	109.6	114.4	118.8
90°	67.0	72.6	78.1	83.7	89.3	94.9	100.5	105.2	110.0	114.8	118.8
92.5°	66.5	72.7	78.2	83.8	89.4	95.0	100.1	104.8	109.6	114.4	118.8
95°	66.4	72.7	78.3	83.9	89.5	95.0	100.0	104.5	109.3	114.1	118.9
97.5°	66.6	72.6	78.2	83.9	89.5	95.0	100.3	104.4	109.2	113.9	118.6
100°	66.8	72.4	78.0	83.6	89.2	94.7	99.7	104.1	108.8	113.5	118.2
102.5°	66.9	72.4	77.7	83.2	88.8	94.1	99.0	103.8	108.3	112.6	117.2
105°	66.4	72.2	77.3	82.9	88.0	93.4	98.4	103.0	107.3	111.8	116.1
107.5°	65.8	71.6	76.5	82.2	87.2	92.3	97.4	102.0	106.5	110.8	114.9
110°	65.1	70.5	75.7	81.2	86.4	91.3	96.1	100.7	105.0	109.6	113.8



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	64.3	69.5	74.7	79.8	84.9	89.8	94.5	99.0	103.8	108.0	111.5
115°	63.1	68.5	73.5	78.3	83.4	88.0	92.7	97.3	101.6	105.7	109.5
117.5°	61.9	67.0	72.0	76.8	81.8	86.1	90.8	95.2	99.4	103.6	107.5
120°	60.4	65.3	70.6	75.2	79.8	84.2	88.6	92.9	97.1	101.0	104.7
122.5°	58.9	63.8	68.7	73.3	77.9	81.9	86.1	90.4	94.6	98.2	102.1
125°	57.1	61.9	66.8	71.0	75.3	79.4	83.6	88.0	91.9	95.3	99.0
127.5°	55.0	59.9	64.4	68.5	73.0	77.0	80.9	84.9	88.7	92.3	95.8
130°	53.2	57.7	62.0	66.1	70.2	74.1	77.9	81.6	85.3	88.8	92.2
132.5°	51.0	55.3	59.3	63.3	67.4	71.2	74.9	78.5	81.9	85.2	88.6
135°	48.8	52.6	56.3	60.4	64.2	67.9	71.7	75.3	78.3	81.3	84.4
137.5°	46.1	49.7	53.5	57.3	60.7	64.4	68.1	71.3	74.3	77.2	80.2
140°	43.3	46.9	50.5	53.9	57.4	60.9	64.3	67.4	70.3	73.1	76.0
142.5°	40.6	43.9	47.2	50.6	53.9	57.1	60.2	63.2	66.1	68.8	71.4
145°	37.5	40.6	43.9	47.1	50.2	53.2	56.2	59.0	61.6	64.0	66.5
147.5°	34.2	37.3	40.5	43.4	46.2	48.9	51.6	54.3	56.7	59.1	61.6
150°	31.1	33.8	36.4	39.2	41.9	44.4	47.0	49.6	51.9	54.2	56.3
152.5°	27.9	30.5	33.0	35.5	38.1	40.5	42.7	44.9	47.0	49.0	50.9
155°	24.7	27.0	29.4	31.6	33.8	35.9	38.0	40.1	42.0	43.8	45.5
157.5°	21.4	23.4	25.4	27.4	29.5	31.4	33.4	35.0	36.5	37.9	39.6
160°	18.2	19.9	21.6	23.3	25.3	26.9	28.4	29.8	31.2	32.6	33.9
162.5°	15.1	16.7	18.2	19.6	21.0	22.2	23.5	24.7	25.9	27.0	28.2
165°	11.9	13.1	14.4	15.6	16.7	17.9	18.9	19.9	20.9	22.0	23.0
167.5°	9.3	10.2	11.1	11.9	12.7	13.6	14.4	15.3	16.1	17.0	17.8
170°	6.8	7.5	8.1	8.7	9.4	10.0	10.5	11.1	11.7	12.2	12.7
172.5°	3.9	4.0	4.7	5.1	5.6	6.1	6.6	7.1	7.5	7.9	8.3
175°	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5
177.5°	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.4
5°	4.6	4.8	4.9	5.0	5.1	5.2	5.4	5.4	5.5	5.6	6.1
7.5°	8.7	9.0	9.3	9.6	9.9	10.1	10.3	10.5	10.6	10.8	11.5
10°	13.2	13.6	14.0	14.4	14.7	15.0	15.3	15.5	15.7	15.9	16.9
12.5°	18.5	19.1	19.7	20.2	20.7	21.2	21.7	22.1	22.4	22.7	23.9
15°	23.9	24.9	25.6	26.2	26.8	27.3	27.9	28.5	29.0	29.5	30.9
17.5°	29.4	30.6	31.7	32.5	33.2	33.9	34.5	35.3	36.1	36.7	38.2
20°	35.3	36.6	37.8	39.0	39.8	40.4	41.1	42.1	43.0	43.9	45.5
22.5°	41.2	42.7	43.9	45.0	45.9	46.9	47.9	48.8	49.5	50.2	52.6
25°	47.1	48.7	50.1	51.3	52.6	53.7	54.8	55.8	56.7	57.4	60.0
27.5°	52.6	54.4	56.1	57.5	58.8	59.9	61.1	62.1	63.2	64.2	66.9
30°	58.2	60.0	62.0	63.9	65.1	66.0	67.3	68.4	69.7	71.0	73.7
32.5°	63.7	65.6	67.5	69.5	71.0	72.2	73.4	74.6	75.8	77.0	80.1
35°	68.9	70.9	72.8	74.9	76.8	78.2	79.6	80.8	81.9	82.9	86.5
37.5°	74.0	76.2	78.0	80.1	82.2	83.7	85.1	86.3	87.6	88.9	92.5
40°	78.7	81.2	83.2	85.1	87.3	89.0	90.5	91.8	93.3	94.9	98.4
42.5°	83.4	86.0	88.2	90.0	92.2	94.1	95.6	96.9	98.4	100.1	104.0
45°	87.4	90.3	93.0	94.9	97.0	99.1	100.6	102.0	103.4	105.2	109.7
47.5°	91.6	94.4	97.3	99.4	101.5	103.7	105.2	106.7	108.3	110.4	114.8
50°	95.5	98.5	101.2	103.6	105.9	108.2	109.9	111.3	113.1	115.6	119.8
52.5°	99.1	102.4	105.1	107.5	110.1	112.2	114.0	115.7	117.3	119.6	124.3
55°	102.4	105.7	108.7	111.2	114.2	116.1	118.1	120.0	121.6	123.6	128.8
57.5°	105.7	109.0	112.1	114.6	117.4	119.7	121.8	123.6	125.1	127.2	132.5
60°	108.4	112.1	115.5	117.9	120.4	123.2	125.5	127.1	128.7	130.8	136.2
62.5°	111.0	114.9	118.1	120.9	123.4	126.0	128.4	130.2	131.8	134.0	139.6
65°	113.6	117.3	120.6	123.7	126.5	128.9	131.2	133.3	134.9	137.1	142.9
67.5°	115.7	119.4	122.8	126.0	128.9	131.2	133.5	135.7	137.3	139.5	145.4
70°	117.4	121.1	124.6	127.9	130.6	133.4	135.8	138.0	139.6	141.9	147.9
72.5°	118.9	122.7	126.2	129.6	132.3	135.1	137.7	139.6	141.2	143.9	150.0
75°	120.1	124.1	127.9	131.1	134.1	136.6	139.6	141.2	142.8	145.9	152.3
77.5°	121.2	125.2	128.8	132.2	135.2	137.7	140.8	142.4	144.4	147.1	153.5
80°	122.2	126.1	129.5	133.2	136.4	138.8	141.9	143.6	145.9	148.3	154.7
82.5°	122.6	126.6	130.1	133.6	136.8	139.6	142.3	144.3	146.3	149.1	155.1
85°	122.9	126.9	130.8	133.9	137.1	140.3	142.7	145.1	146.7	149.9	155.5
87.5°	123.2	127.2	130.8	134.3	137.5	140.3	143.1	145.5	147.1	150.3	155.9
90°	123.6	127.6	130.8	134.7	137.9	140.3	143.5	145.9	147.5	150.7	156.3
92.5°	123.2	127.2	130.8	134.3	137.5	140.3	143.1	145.5	147.1	150.3	155.9
95°	122.9	126.9	130.8	133.9	137.1	140.3	142.7	145.1	146.7	149.9	155.5
97.5°	122.6	126.6	130.1	133.6	136.8	139.6	142.3	144.3	146.3	149.1	155.1
100°	122.2	126.1	129.5	133.2	136.4	138.8	141.9	143.6	145.9	148.3	154.7
102.5°	121.2	125.2	128.8	132.2	135.2	137.7	140.8	142.4	144.4	147.1	153.5
105°	120.1	124.1	127.9	131.1	134.1	136.6	139.6	141.2	142.8	145.9	152.3
107.5°	118.9	122.7	126.2	129.6	132.3	135.1	137.7	139.6	141.2	143.9	150.0
110°	117.4	121.1	124.6	127.9	130.6	133.4	135.8	138.0	139.6	141.9	147.9



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	115.7	119.4	122.8	126.0	128.9	131.2	133.5	135.7	137.3	139.5	145.4
115°	113.6	117.3	120.6	123.7	126.5	128.9	131.2	133.3	134.9	137.1	142.9
117.5°	111.0	114.9	118.1	120.9	123.4	126.0	128.4	130.2	131.8	134.0	139.6
120°	108.4	112.1	115.5	117.9	120.4	123.2	125.5	127.1	128.7	130.8	136.2
122.5°	105.7	109.0	112.1	114.6	117.4	119.7	121.8	123.6	125.1	127.2	132.5
125°	102.4	105.7	108.7	111.2	114.2	116.1	118.1	120.0	121.6	123.6	128.8
127.5°	99.1	102.4	105.1	107.5	110.1	112.2	114.0	115.7	117.3	119.6	124.3
130°	95.5	98.5	101.2	103.6	105.9	108.2	109.9	111.3	113.1	115.6	119.8
132.5°	91.6	94.4	97.3	99.4	101.5	103.7	105.2	106.7	108.3	110.4	114.8
135°	87.4	90.3	93.0	94.9	97.0	99.1	100.6	102.0	103.4	105.2	109.7
137.5°	83.4	86.0	88.2	90.0	92.2	94.1	95.6	96.9	98.4	100.1	104.0
140°	78.7	81.2	83.2	85.1	87.3	89.0	90.5	91.8	93.3	94.9	98.4
142.5°	74.0	76.2	78.0	80.1	82.2	83.7	85.1	86.3	87.6	88.9	92.5
145°	68.9	70.9	72.8	74.9	76.8	78.2	79.6	80.8	81.9	82.9	86.5
147.5°	63.7	65.6	67.5	69.5	71.0	72.2	73.4	74.6	75.8	77.0	80.1
150°	58.2	60.0	62.0	63.9	65.1	66.0	67.3	68.4	69.7	71.0	73.7
152.5°	52.6	54.4	56.1	57.5	58.8	59.9	61.1	62.1	63.2	64.2	66.9
155°	47.1	48.7	50.1	51.3	52.6	53.7	54.8	55.8	56.7	57.4	60.0
157.5°	41.2	42.7	43.9	45.0	45.9	46.9	47.9	48.8	49.5	50.2	52.6
160°	35.3	36.6	37.8	39.0	39.8	40.4	41.1	42.1	43.0	43.9	45.5
162.5°	29.4	30.6	31.7	32.5	33.2	33.9	34.5	35.3	36.1	36.7	38.2
165°	23.9	24.9	25.6	26.2	26.8	27.3	27.9	28.5	29.0	29.5	30.9
167.5°	18.5	19.1	19.7	20.2	20.7	21.2	21.7	22.1	22.4	22.7	23.9
170°	13.2	13.6	14.0	14.4	14.7	15.0	15.3	15.5	15.7	15.9	16.9
172.5°	8.7	9.0	9.3	9.6	9.9	10.1	10.3	10.5	10.6	10.8	11.5
175°	4.6	4.8	4.9	5.0	5.1	5.2	5.4	5.4	5.5	5.6	6.1
177.5°	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.6	3.9	4.1	4.3	4.5	4.6	4.8	5.0	5.2	5.3	5.5
5°	6.6	7.0	7.5	7.9	8.3	8.7	9.1	9.5	9.8	10.1	10.5
7.5°	12.2	12.8	13.4	14.0	14.6	15.1	15.7	17.0	18.2	19.3	20.3
10°	17.8	18.6	19.5	20.2	21.2	23.1	24.9	26.6	28.2	29.8	31.3
12.5°	25.0	26.0	27.0	28.5	30.8	33.1	35.2	37.3	39.7	42.4	45.1
15°	32.2	33.5	34.9	37.8	40.6	43.3	46.0	49.5	52.9	56.1	59.6
17.5°	39.6	41.0	43.7	47.1	50.3	53.8	58.0	62.1	66.0	70.2	74.5
20°	46.9	48.5	52.5	56.3	60.2	65.3	70.3	75.0	80.2	85.2	90.1
22.5°	54.9	57.9	62.3	66.6	71.7	77.0	82.3	88.5	94.4	100.1	106.3
25°	62.6	66.2	70.6	75.5	82.0	88.2	95.0	101.8	108.6	115.2	121.6
27.5°	69.5	74.2	79.2	85.6	92.7	100.0	107.6	115.1	123.1	130.8	138.5
30°	76.3	82.3	88.2	95.7	103.7	111.9	120.4	129.1	137.7	146.4	155.1
32.5°	83.5	89.7	96.4	104.7	113.5	123.2	132.9	142.6	152.3	161.9	171.1
35°	90.7	96.8	104.4	113.3	123.4	134.3	144.6	155.2	165.9	176.2	186.1
37.5°	97.2	104.1	113.1	122.8	133.6	144.7	156.3	167.8	179.8	189.9	200.5
40°	103.9	111.6	122.0	132.6	143.6	155.5	167.6	179.8	191.9	203.6	215.1
42.5°	110.0	117.9	129.4	141.0	152.8	165.7	178.7	191.8	204.9	217.2	229.0
45°	116.0	124.4	136.3	148.9	161.9	175.5	189.4	203.1	216.9	229.4	242.1
47.5°	121.7	131.0	143.3	156.5	170.4	184.9	199.6	214.1	227.9	241.6	255.1
50°	127.3	137.6	150.1	163.7	178.4	193.7	209.0	224.1	238.6	252.9	268.1
52.5°	131.9	142.8	156.3	170.6	186.4	202.3	218.1	233.9	249.5	264.7	279.4
55°	136.4	148.0	162.4	177.7	194.5	210.4	226.4	242.7	259.0	275.2	290.0
57.5°	140.8	153.0	167.8	183.8	201.2	217.8	234.4	251.2	268.1	284.6	300.3
60°	145.1	157.9	172.9	189.3	207.0	224.7	241.9	259.5	276.7	293.2	308.9
62.5°	149.1	162.1	177.4	194.5	212.7	230.8	248.7	267.2	284.7	301.4	317.8
65°	153.1	166.1	181.7	199.6	218.1	236.1	254.7	273.9	291.4	308.9	325.8
67.5°	155.3	169.8	186.1	204.3	223.1	241.5	260.5	280.0	297.9	316.0	332.9
70°	158.1	172.4	190.1	208.7	227.7	246.4	265.7	285.6	303.8	320.8	338.6
72.5°	160.4	175.1	193.1	211.7	231.0	250.4	270.2	290.2	309.2	327.0	344.4
75°	162.6	177.7	195.7	214.2	233.8	254.1	274.1	294.1	313.6	331.7	349.1
77.5°	164.4	179.1	197.4	216.4	236.7	256.9	277.3	297.1	317.1	335.5	353.3
80°	166.6	180.3	198.9	218.4	239.4	259.1	280.0	299.3	319.4	338.2	356.2
82.5°	167.0	182.2	200.5	219.9	240.8	260.6	281.5	301.5	321.6	340.3	358.7
85°	167.4	183.4	200.9	221.6	242.4	262.3	283.0	304.4	323.5	341.9	360.8
87.5°	167.8	183.4	200.9	222.0	242.4	261.9	283.4	304.6	323.8	342.8	362.0
90°	168.2	183.4	200.9	222.4	242.4	261.5	283.8	304.6	322.9	342.8	362.0
92.5°	167.8	183.4	200.9	222.0	242.4	261.9	283.4	304.6	323.8	342.8	362.0
95°	167.4	183.4	200.9	221.6	242.4	262.3	283.0	304.4	323.5	341.9	360.8
97.5°	167.0	182.2	200.5	219.9	240.8	260.6	281.5	301.5	321.6	340.3	358.7
100°	166.6	180.3	198.9	218.4	239.4	259.1	280.0	299.3	319.4	338.2	356.2
102.5°	164.4	179.1	197.4	216.4	236.7	256.9	277.3	297.1	317.1	335.5	353.3
105°	162.6	177.7	195.7	214.2	233.8	254.1	274.1	294.1	313.6	331.7	349.1
107.5°	160.4	175.1	193.1	211.7	231.0	250.4	270.2	290.2	309.2	327.0	344.4
110°	158.1	172.4	190.1	208.7	227.7	246.4	265.7	285.6	303.8	320.8	338.6



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	155.3	169.8	186.1	204.3	223.1	241.5	260.5	280.0	297.9	316.0	332.9
115°	153.1	166.1	181.7	199.6	218.1	236.1	254.7	273.9	291.4	308.9	325.8
117.5°	149.1	162.1	177.4	194.5	212.7	230.8	248.7	267.2	284.7	301.4	317.8
120°	145.1	157.9	172.9	189.3	207.0	224.7	241.9	259.5	276.7	293.2	308.9
122.5°	140.8	153.0	167.8	183.8	201.2	217.8	234.4	251.2	268.1	284.6	300.3
125°	136.4	148.0	162.4	177.7	194.5	210.4	226.4	242.7	259.0	275.2	290.0
127.5°	131.9	142.8	156.3	170.6	186.4	202.3	218.1	233.9	249.5	264.7	279.4
130°	127.3	137.6	150.1	163.7	178.4	193.7	209.0	224.1	238.6	252.9	268.1
132.5°	121.7	131.0	143.3	156.5	170.4	184.9	199.6	214.1	227.9	241.6	255.1
135°	116.0	124.4	136.3	148.9	161.9	175.5	189.4	203.1	216.9	229.4	242.1
137.5°	110.0	117.9	129.4	141.0	152.8	165.7	178.7	191.8	204.9	217.2	229.0
140°	103.9	111.6	122.0	132.6	143.6	155.5	167.6	179.8	191.9	203.6	215.1
142.5°	97.2	104.1	113.1	122.8	133.6	144.7	156.3	167.8	179.8	189.9	200.5
145°	90.7	96.8	104.4	113.3	123.4	134.3	144.6	155.2	165.9	176.2	186.1
147.5°	83.5	89.7	96.4	104.7	113.5	123.2	132.9	142.6	152.3	161.9	171.1
150°	76.3	82.3	88.2	95.7	103.7	111.9	120.4	129.1	137.7	146.4	155.1
152.5°	69.5	74.2	79.2	85.6	92.7	100.0	107.6	115.1	123.1	130.8	138.5
155°	62.6	66.2	70.6	75.5	82.0	88.2	95.0	101.8	108.6	115.2	121.6
157.5°	54.9	57.9	62.3	66.6	71.7	77.0	82.3	88.5	94.4	100.1	106.3
160°	46.9	48.5	52.5	56.3	60.2	65.3	70.3	75.0	80.2	85.2	90.1
162.5°	39.6	41.0	43.7	47.1	50.3	53.8	58.0	62.1	66.0	70.2	74.5
165°	32.2	33.5	34.9	37.8	40.6	43.3	46.0	49.5	52.9	56.1	59.6
167.5°	25.0	26.0	27.0	28.5	30.8	33.1	35.2	37.3	39.7	42.4	45.1
170°	17.8	18.6	19.5	20.2	21.2	23.1	24.9	26.6	28.2	29.8	31.3
172.5°	12.2	12.8	13.4	14.0	14.6	15.1	15.7	17.0	18.2	19.3	20.3
175°	6.6	7.0	7.5	7.9	8.3	8.7	9.1	9.5	9.8	10.1	10.5
177.5°	3.6	3.9	4.1	4.3	4.5	4.6	4.8	5.0	5.2	5.3	5.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.3	6.3
5°	11.2	12.0	12.7	13.3	14.0	14.6	15.1	15.7	16.2	16.6	17.0
7.5°	21.3	22.3	23.1	23.9	24.7	25.8	26.6	27.9	29.1	30.1	31.1
10°	33.3	35.3	37.1	38.8	40.4	41.9	43.2	44.5	45.9	47.1	48.2
12.5°	47.6	50.0	52.3	54.9	57.4	59.6	61.7	63.6	65.3	67.1	68.7
15°	62.7	66.2	69.4	72.5	75.4	78.5	81.4	84.1	86.5	88.8	90.8
17.5°	78.6	83.2	87.1	91.4	95.3	99.0	102.3	105.3	108.0	110.5	112.8
20°	95.4	100.7	105.9	110.7	115.0	119.0	122.7	126.2	129.5	132.6	135.3
22.5°	112.3	118.2	124.0	129.4	134.6	139.0	143.3	147.2	151.0	154.4	157.5
25°	128.8	135.9	143.5	148.6	154.1	159.3	164.1	168.5	172.4	176.2	180.0
27.5°	146.3	153.8	160.8	167.4	173.7	179.5	185.7	190.0	194.8	199.3	202.9
30°	163.3	171.2	178.9	186.6	193.7	200.2	206.2	211.7	216.6	221.0	225.3
32.5°	179.8	188.5	197.3	205.8	213.1	220.0	226.6	232.6	237.8	242.4	247.0
35°	195.8	205.4	214.8	223.6	231.6	238.7	245.6	251.9	257.6	263.0	267.7
37.5°	211.2	221.5	231.6	241.1	249.0	257.0	264.7	271.3	277.4	284.2	288.9
40°	226.3	236.6	247.2	257.3	266.7	276.1	283.7	290.1	296.7	303.1	308.9
42.5°	240.5	251.7	263.3	274.0	283.9	292.3	299.9	307.6	315.7	321.9	328.1
45°	254.7	266.8	278.6	289.5	299.0	307.5	316.5	324.9	333.0	340.2	345.0
47.5°	268.4	281.0	292.9	304.0	313.9	323.6	332.8	341.3	349.2	355.6	361.1
50°	281.5	294.2	306.5	318.0	328.6	338.9	348.2	356.7	365.1	371.5	377.3
52.5°	293.2	306.5	319.4	331.4	342.6	352.6	362.4	371.4	378.8	386.2	392.4
55°	304.3	318.1	332.0	343.3	354.9	366.0	376.1	384.7	392.7	400.7	406.9
57.5°	314.4	328.8	342.3	355.1	367.5	378.2	388.5	398.0	405.9	413.6	420.6
60°	324.0	339.2	352.6	365.7	378.0	389.2	399.9	409.4	417.8	425.7	432.7
62.5°	333.1	347.9	362.3	375.5	387.7	400.0	411.1	420.8	429.1	437.2	444.3
65°	341.2	356.5	371.2	384.7	397.7	410.1	421.8	430.8	439.3	447.9	455.0
67.5°	349.1	364.6	379.0	393.3	406.4	418.3	430.0	439.6	448.6	457.4	465.2
70°	355.3	371.3	386.2	400.8	413.8	426.1	437.6	447.8	457.2	466.4	474.5
72.5°	361.0	376.9	392.1	407.0	420.4	433.2	444.7	454.8	464.8	474.1	482.4
75°	366.0	382.0	397.4	412.2	426.0	438.6	450.7	461.0	471.3	480.7	489.1
77.5°	370.3	386.7	401.7	416.5	430.6	443.6	455.7	466.5	476.2	485.9	494.3
80°	373.1	389.8	405.0	419.9	434.2	447.5	459.5	470.5	480.4	490.0	498.7
82.5°	375.2	392.3	407.7	422.5	436.7	449.6	461.5	473.4	483.8	493.4	502.2
85°	376.9	393.7	409.9	424.4	438.2	451.4	463.3	475.5	485.7	495.5	504.3
87.5°	378.2	394.7	411.1	425.7	439.6	452.7	464.6	476.8	486.3	496.7	505.4
90°	378.7	394.7	410.6	425.7	440.1	452.1	464.0	476.8	486.3	496.7	504.7
92.5°	378.2	394.7	411.1	425.7	439.6	452.7	464.6	476.8	486.3	496.7	505.4
95°	376.9	393.7	409.9	424.4	438.2	451.4	463.3	475.5	485.7	495.5	504.3
97.5°	375.2	392.3	407.7	422.5	436.7	449.6	461.5	473.4	483.8	493.4	502.2
100°	373.1	389.8	405.0	419.9	434.2	447.5	459.5	470.5	480.4	490.0	498.7
102.5°	370.3	386.7	401.7	416.5	430.6	443.6	455.7	466.5	476.2	485.9	494.3
105°	366.0	382.0	397.4	412.2	426.0	438.6	450.7	461.0	471.3	480.7	489.1
107.5°	361.0	376.9	392.1	407.0	420.4	433.2	444.7	454.8	464.8	474.1	482.4
110°	355.3	371.3	386.2	400.8	413.8	426.1	437.6	447.8	457.2	466.4	474.5



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	349.1	364.6	379.0	393.3	406.4	418.3	430.0	439.6	448.6	457.4	465.2
115°	341.2	356.5	371.2	384.7	397.7	410.1	421.8	430.8	439.3	447.9	455.0
117.5°	333.1	347.9	362.3	375.5	387.7	400.0	411.1	420.8	429.1	437.2	444.3
120°	324.0	339.2	352.6	365.7	378.0	389.2	399.9	409.4	417.8	425.7	432.7
122.5°	314.4	328.8	342.3	355.1	367.5	378.2	388.5	398.0	405.9	413.6	420.6
125°	304.3	318.1	332.0	343.3	354.9	366.0	376.1	384.7	392.7	400.7	406.9
127.5°	293.2	306.5	319.4	331.4	342.6	352.6	362.4	371.4	378.8	386.2	392.4
130°	281.5	294.2	306.5	318.0	328.6	338.9	348.2	356.7	365.1	371.5	377.3
132.5°	268.4	281.0	292.9	304.0	313.9	323.6	332.8	341.3	349.2	355.6	361.1
135°	254.7	266.8	278.6	289.5	299.0	307.5	316.5	324.9	333.0	340.2	345.0
137.5°	240.5	251.7	263.3	274.0	283.9	292.3	299.9	307.6	315.7	321.9	328.1
140°	226.3	236.6	247.2	257.3	266.7	276.1	283.7	290.1	296.7	303.1	308.9
142.5°	211.2	221.5	231.6	241.1	249.0	257.0	264.7	271.3	277.4	284.2	288.9
145°	195.8	205.4	214.8	223.6	231.6	238.7	245.6	251.9	257.6	263.0	267.7
147.5°	179.8	188.5	197.3	205.8	213.1	220.0	226.6	232.6	237.8	242.4	247.0
150°	163.3	171.2	178.9	186.6	193.7	200.2	206.2	211.7	216.6	221.0	225.3
152.5°	146.3	153.8	160.8	167.4	173.7	179.5	185.7	190.0	194.8	199.3	202.9
155°	128.8	135.9	143.5	148.6	154.1	159.3	164.1	168.5	172.4	176.2	180.0
157.5°	112.3	118.2	124.0	129.4	134.6	139.0	143.3	147.2	151.0	154.4	157.5
160°	95.4	100.7	105.9	110.7	115.0	119.0	122.7	126.2	129.5	132.6	135.3
162.5°	78.6	83.2	87.1	91.4	95.3	99.0	102.3	105.3	108.0	110.5	112.8
165°	62.7	66.2	69.4	72.5	75.4	78.5	81.4	84.1	86.5	88.8	90.8
167.5°	47.6	50.0	52.3	54.9	57.4	59.6	61.7	63.6	65.3	67.1	68.7
170°	33.3	35.3	37.1	38.8	40.4	41.9	43.2	44.5	45.9	47.1	48.2
172.5°	21.3	22.3	23.1	23.9	24.7	25.8	26.6	27.9	29.1	30.1	31.1
175°	11.2	12.0	12.7	13.3	14.0	14.6	15.1	15.7	16.2	16.6	17.0
177.5°	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.3	6.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	6.3	6.3	6.3	6.3	6.3	6.2	6.3	6.2	6.1	6.0	5.8
5°	17.4	17.7	18.0	18.2	18.4	18.6	18.7	18.7	19.1	18.9	18.7
7.5°	32.0	32.9	33.6	34.3	34.8	35.3	35.7	36.0	36.2	36.7	36.4
10°	49.0	50.4	51.6	52.6	53.5	54.3	54.8	55.2	55.5	56.3	55.8
12.5°	70.1	71.4	72.4	73.4	74.7	75.9	76.8	77.6	78.1	78.4	79.0
15°	92.6	94.2	95.6	96.8	97.7	98.9	100.1	101.0	101.6	101.9	102.6
17.5°	115.1	117.2	119.1	120.6	121.9	122.8	123.8	124.8	125.6	126.0	126.7
20°	137.8	140.1	142.1	143.8	145.1	146.1	146.7	147.5	148.3	148.9	149.8
22.5°	160.1	162.4	164.6	166.9	168.6	169.9	170.8	171.1	172.0	172.7	173.9
25°	183.5	186.7	189.3	191.2	192.8	194.1	195.0	195.5	195.9	196.7	197.0
27.5°	206.1	209.0	211.6	213.9	215.5	217.3	218.3	218.8	218.7	219.3	219.5
30°	228.4	231.8	235.1	237.6	239.1	240.2	241.1	241.6	241.6	241.8	242.3
32.5°	251.0	254.1	256.3	258.7	260.6	262.0	262.9	263.1	262.8	262.1	262.4
35°	271.6	275.0	277.9	280.3	282.4	283.6	284.0	284.3	284.2	283.6	284.6
37.5°	292.9	296.1	299.0	301.7	303.9	304.5	304.4	304.2	304.7	304.7	304.9
40°	313.3	316.1	318.8	321.5	323.3	324.1	324.3	324.1	324.4	324.0	324.4
42.5°	332.4	335.6	338.6	341.2	343.0	343.7	344.2	343.8	343.2	342.7	342.2
45°	349.8	354.2	357.1	359.9	361.5	363.4	363.3	363.0	362.3	361.8	360.4
47.5°	366.3	371.2	375.2	377.8	378.8	380.1	380.9	380.7	379.7	378.8	377.6
50°	382.5	387.5	391.3	394.2	396.6	397.5	397.8	397.5	396.9	396.0	395.3
52.5°	397.9	403.2	407.4	410.7	413.3	414.6	415.0	414.6	413.5	412.0	411.1
55°	412.5	417.6	422.4	425.8	428.8	430.4	430.6	430.2	429.2	427.8	427.5
57.5°	426.2	431.2	435.8	439.7	443.4	445.0	445.8	445.2	443.6	442.4	441.6
60°	438.8	444.0	448.1	452.5	456.4	458.4	459.5	458.7	457.5	456.5	455.7
62.5°	450.7	455.5	460.2	465.4	468.7	470.8	472.1	472.0	470.8	469.3	467.0
65°	461.9	467.3	472.2	476.5	479.9	482.6	483.9	484.3	482.5	481.1	479.1
67.5°	472.6	478.0	482.7	486.2	489.3	492.4	494.2	495.0	493.2	491.6	490.0
70°	481.4	487.5	492.6	495.4	498.3	500.9	503.0	504.0	503.4	501.1	499.9
72.5°	489.4	495.6	500.6	504.5	506.7	508.9	510.5	511.3	512.5	509.6	507.8
75°	496.1	502.5	507.5	511.2	513.8	515.9	516.5	517.8	518.3	517.7	515.2
77.5°	502.1	508.4	513.7	517.6	520.4	522.3	522.6	522.6	523.1	523.9	521.6
80°	506.6	512.8	518.1	522.3	525.0	527.6	528.3	527.3	526.0	527.3	527.1
82.5°	510.0	515.9	521.1	525.4	528.4	530.6	531.7	531.6	530.8	528.3	530.4
85°	512.2	518.5	523.4	527.7	530.4	532.6	533.8	533.6	533.1	531.7	528.9
87.5°	512.6	518.8	523.7	527.8	530.8	532.5	533.3	533.6	533.4	532.1	531.2
90°	512.6	518.2	523.8	527.8	530.2	531.8	533.4	532.6	531.8	530.2	527.8
92.5°	512.6	518.8	523.7	527.8	530.8	532.5	533.3	533.6	533.4	532.1	531.2
95°	512.2	518.5	523.4	527.7	530.4	532.6	533.8	533.6	533.1	531.7	528.9
97.5°	510.0	515.9	521.1	525.4	528.4	530.6	531.7	531.6	530.8	528.3	530.4
100°	506.6	512.8	518.1	522.3	525.0	527.6	528.3	527.3	526.0	527.3	527.1
102.5°	502.1	508.4	513.7	517.6	520.4	522.3	522.6	522.6	523.1	523.9	521.6
105°	496.1	502.5	507.5	511.2	513.8	515.9	516.5	517.8	518.3	517.7	515.2
107.5°	489.4	495.6	500.6	504.5	506.7	508.9	510.5	511.3	512.5	509.6	507.8
110°	481.4	487.5	492.6	495.4	498.3	500.9	503.0	504.0	503.4	501.1	499.9



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	472.6	478.0	482.7	486.2	489.3	492.4	494.2	495.0	493.2	491.6	490.0
115°	461.9	467.3	472.2	476.5	479.9	482.6	483.9	484.3	482.5	481.1	479.1
117.5°	450.7	455.5	460.2	465.4	468.7	470.8	472.1	472.0	470.8	469.3	467.0
120°	438.8	444.0	448.1	452.5	456.4	458.4	459.5	458.7	457.5	456.5	455.7
122.5°	426.2	431.2	435.8	439.7	443.4	445.0	445.8	445.2	443.6	442.4	441.6
125°	412.5	417.6	422.4	425.8	428.8	430.4	430.6	430.2	429.2	427.8	427.5
127.5°	397.9	403.2	407.4	410.7	413.3	414.6	415.0	414.6	413.5	412.0	411.1
130°	382.5	387.5	391.3	394.2	396.6	397.5	397.8	397.5	396.9	396.0	395.3
132.5°	366.3	371.2	375.2	377.8	378.8	380.1	380.9	380.7	379.7	378.8	377.6
135°	349.8	354.2	357.1	359.9	361.5	363.4	363.3	363.0	362.3	361.8	360.4
137.5°	332.4	335.6	338.6	341.2	343.0	343.7	344.2	343.8	343.2	342.7	342.2
140°	313.3	316.1	318.8	321.5	323.3	324.1	324.3	324.1	324.4	324.0	324.4
142.5°	292.9	296.1	299.0	301.7	303.9	304.5	304.4	304.2	304.7	304.7	304.9
145°	271.6	275.0	277.9	280.3	282.4	283.6	284.0	284.3	284.2	283.6	284.6
147.5°	251.0	254.1	256.3	258.7	260.6	262.0	262.9	263.1	262.8	262.1	262.4
150°	228.4	231.8	235.1	237.6	239.1	240.2	241.1	241.6	241.6	241.8	242.3
152.5°	206.1	209.0	211.6	213.9	215.5	217.3	218.3	218.8	218.7	219.3	219.5
155°	183.5	186.7	189.3	191.2	192.8	194.1	195.0	195.5	195.9	196.7	197.0
157.5°	160.1	162.4	164.6	166.9	168.6	169.9	170.8	171.1	172.0	172.7	173.9
160°	137.8	140.1	142.1	143.8	145.1	146.1	146.7	147.5	148.3	148.9	149.8
162.5°	115.1	117.2	119.1	120.6	121.9	122.8	123.8	124.8	125.6	126.0	126.7
165°	92.6	94.2	95.6	96.8	97.7	98.9	100.1	101.0	101.6	101.9	102.6
167.5°	70.1	71.4	72.4	73.4	74.7	75.9	76.8	77.6	78.1	78.4	79.0
170°	49.0	50.4	51.6	52.6	53.5	54.3	54.8	55.2	55.5	56.3	55.8
172.5°	32.0	32.9	33.6	34.3	34.8	35.3	35.7	36.0	36.2	36.7	36.4
175°	17.4	17.7	18.0	18.2	18.4	18.6	18.7	18.7	19.1	18.9	18.7
177.5°	6.3	6.3	6.3	6.3	6.3	6.2	6.3	6.2	6.1	6.0	5.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.8	0.8
2.5°	5.7	5.6
5°	18.5	18.3
7.5°	36.2	35.9
10°	55.4	55.0
12.5°	78.5	78.1
15°	101.9	101.3
17.5°	126.0	125.2
20°	149.0	148.3
22.5°	173.0	172.2
25°	197.0	196.1
27.5°	219.5	218.5
30°	242.5	241.6
32.5°	262.5	261.5
35°	285.7	285.4
37.5°	305.0	303.8
40°	327.2	328.5
42.5°	344.0	344.4
45°	362.0	362.0
47.5°	380.2	381.9
50°	397.8	400.2
52.5°	411.7	412.2
55°	428.1	428.1
57.5°	442.2	444.1
60°	455.9	455.2
62.5°	468.3	468.8
65°	480.2	480.8
67.5°	490.6	491.9
70°	500.4	500.7
72.5°	508.9	510.3
75°	515.4	517.4
77.5°	521.7	524.6
80°	526.5	528.6
82.5°	530.4	533.4
85°	533.6	535.8
87.5°	530.7	537.4
90°	527.8	532.6
92.5°	530.7	537.4
95°	533.6	535.8
97.5°	530.4	533.4
100°	526.5	528.6
102.5°	521.7	524.6
105°	515.4	517.4
107.5°	508.9	510.3
110°	500.4	500.7



TEST NUMBER: P231961

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	490.6	491.9
115°	480.2	480.8
117.5°	468.3	468.8
120°	455.9	455.2
122.5°	442.2	444.1
125°	428.1	428.1
127.5°	411.7	412.2
130°	397.8	400.2
132.5°	380.2	381.9
135°	362.0	362.0
137.5°	344.0	344.4
140°	327.2	328.5
142.5°	305.0	303.8
145°	285.7	285.4
147.5°	262.5	261.5
150°	242.5	241.6
152.5°	219.5	218.5
155°	197.0	196.1
157.5°	173.0	172.2
160°	149.0	148.3
162.5°	126.0	125.2
165°	101.9	101.3
167.5°	78.5	78.1
170°	55.4	55.0
172.5°	36.2	35.9
175°	18.5	18.3
177.5°	5.7	5.6
180°	0.0	0.0

(END OF REPORT)