

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: P232033

Luminaire Tested: **FVS4WM-3-LD4-35-1STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232033
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-24)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-35-1STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

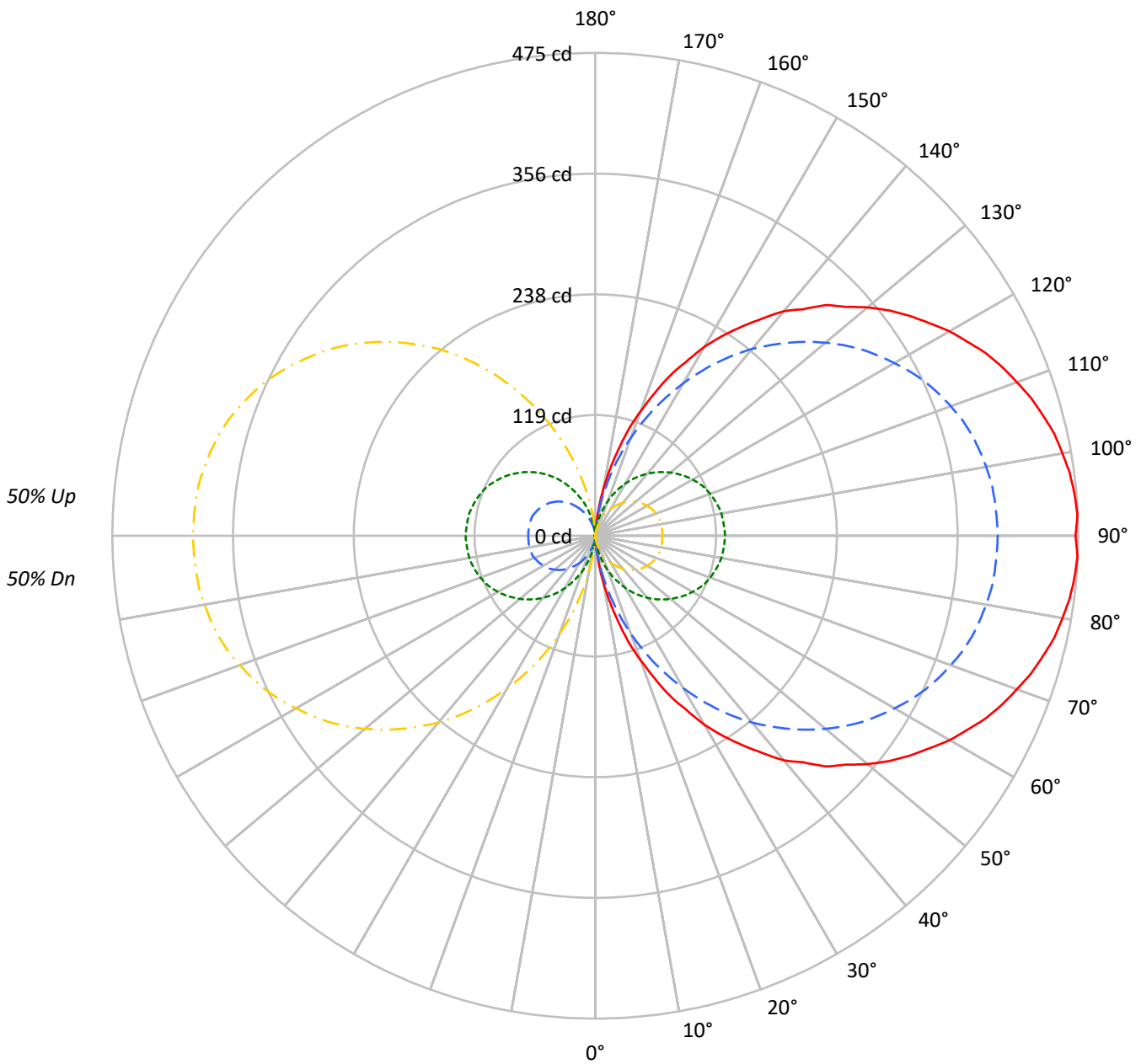
Lumens per Lamp: N/A
Luminaire Lumens: 2024.3 lumens
Efficiency: N/A
Efficacy: 71.0 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 28.5
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



— 0°-180° - - 45°-225° ··· 90°-270° - · 135°-315°



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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	72	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	43	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	30	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°	0	0	0	0
5°	252	80	0	80
10°	754	271	0	271
15°	1237	483	0	483
20°	1695	738	0	738
25°	2125	993	0	993
30°	2486	1269	0	1269
35°	2784	1562	0	1562
40°	3091	1879	0	1879
45°	3351	2228	0	2228
50°	3584	2626	0	2626
55°	3828	3095	0	3095
60°	4075	3669	0	3669
65°	4320	4401	0	4401
70°	4552	5349	8	5349
75°	4803	6709	8	6709
80°	5059	8884	0	8884
85°	5328	12872	0	12872



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.1	0.1
10°-20°	11.2	0.6
20°-30°	35.2	1.7
30°-40°	70.2	3.5
40°-50°	111.0	5.5
50°-60°	152.2	7.5
60°-70°	188.4	9.3
70°-80°	214.9	10.6
80°-90°	228.0	11.3
90°-100°	228.0	11.3
100°-110°	214.9	10.6
110°-120°	188.4	9.3
120°-130°	152.2	7.5
130°-140°	111.0	5.5
140°-150°	70.2	3.5
150°-160°	35.2	1.7
160°-170°	11.2	0.6
170°-180°	1.1	0.1
0°-30°	47.6	2.3
0°-40°	117.7	5.8
0°-60°	380.9	18.8
0°-90°	1012.2	50.0
90°-120°	631.3	31.2
90°-150°	964.6	47.7
90°-180°	1012.0	50.0
0°-180°	2024.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	15	4	0	4	15	3
15°	88	24	0	24	88	26
25°	174	48	0	48	174	81
35°	251	70	0	70	251	159
45°	321	89	0	89	321	248
55°	377	104	0	104	377	338
65°	424	116	0	116	424	420
75°	456	124	1	124	456	482
85°	473	127	0	127	473	385
90°	472	128	0	128	472	259
95°	473	127	0	127	473	385
105°	456	124	1	124	456	482
115°	424	116	0	116	424	420
125°	377	104	0	104	377	338
135°	321	89	0	89	321	248
145°	251	70	0	70	251	159
155°	174	48	0	48	174	81
165°	88	24	0	24	88	26
175°	15	4	0	4	15	3
180°	0	0	0	0	0	



TEST NUMBER: P232033

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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.3	5.3	5.3	5.3
5°	14.6	14.8	15.1	15.3	15.6	15.4	15.4	15.4	15.3	15.2	15.1
7.5°	30.1	30.4	30.7	31.0	30.7	30.6	30.4	30.2	29.8	29.4	28.9
10°	48.8	49.2	49.6	50.1	49.3	49.1	48.7	48.2	47.6	46.8	45.8
12.5°	67.5	68.0	68.6	68.3	68.2	67.9	67.4	66.8	65.9	64.9	64.1
15°	87.8	88.6	89.3	89.0	88.9	88.5	87.9	87.1	86.1	85.1	83.9
17.5°	111.3	111.6	111.8	110.8	110.1	109.1	108.0	107.2	106.4	105.3	103.9
20°	130.0	130.7	131.5	130.8	130.4	129.6	128.8	128.2	127.3	126.0	124.4
22.5°	151.2	152.0	152.9	152.0	151.4	150.7	150.3	149.5	148.4	147.0	145.3
25°	173.9	174.5	174.2	173.7	172.8	172.2	171.6	170.6	169.2	167.5	165.8
27.5°	192.6	193.7	193.8	193.8	193.2	192.9	192.1	191.0	189.3	187.9	185.9
30°	214.6	215.1	214.5	213.7	213.2	212.9	212.0	210.7	209.2	207.3	205.0
32.5°	233.3	233.8	233.3	232.5	232.5	232.2	231.3	230.4	229.2	227.4	224.6
35°	251.1	251.7	251.2	250.7	251.2	251.1	250.4	249.6	248.4	246.6	244.0
37.5°	269.0	269.6	269.0	268.9	269.3	269.3	268.9	267.9	266.2	264.3	261.9
40°	288.5	288.5	287.2	286.9	286.8	286.5	286.4	285.8	284.4	281.9	279.1
42.5°	302.3	303.1	302.6	303.2	303.5	303.3	302.9	302.1	300.9	298.8	296.2
45°	321.0	320.2	318.1	319.2	319.6	319.7	319.1	319.0	317.2	315.2	312.6
47.5°	333.2	333.6	333.0	334.0	334.7	335.1	335.0	334.3	332.9	330.8	327.9
50°	349.5	350.0	349.2	349.3	349.5	349.7	349.8	349.2	348.0	346.5	343.4
52.5°	364.1	364.1	363.5	363.6	364.0	364.2	364.7	363.9	362.4	360.2	357.5
55°	377.1	377.1	376.2	376.2	377.6	378.1	378.2	377.8	376.3	374.0	370.6
57.5°	389.3	389.3	389.3	389.9	390.8	391.4	391.5	391.2	389.7	387.1	384.2
60°	402.3	401.6	401.0	401.8	402.8	403.8	403.9	403.5	402.0	399.2	395.8
62.5°	412.9	412.4	411.8	412.6	414.0	415.4	415.7	414.8	413.2	410.2	406.1
65°	424.3	423.0	422.7	423.6	424.8	426.4	426.1	425.5	423.6	420.4	416.7
67.5°	433.2	432.1	432.3	433.5	434.9	436.2	435.8	434.8	432.8	429.4	425.7
70°	441.3	440.0	440.5	441.8	443.9	445.0	444.5	442.8	440.4	437.3	433.6
72.5°	449.5	448.0	448.0	449.5	451.1	452.4	451.5	450.3	447.7	444.4	440.4
75°	456.0	453.9	455.1	456.6	458.5	458.4	457.4	456.0	454.0	450.4	446.3
77.5°	462.5	459.6	461.2	463.2	463.8	463.7	462.2	460.9	458.8	455.4	451.5
80°	466.5	464.2	466.2	467.6	467.8	467.1	466.2	465.5	462.9	459.4	455.6
82.5°	470.6	468.2	470.5	470.2	470.3	470.4	469.2	467.7	465.5	462.5	458.4
85°	473.0	471.7	471.6	471.7	471.9	471.8	471.0	469.7	467.5	464.7	459.9
87.5°	474.6	472.7	471.6	471.5	472.1	472.1	471.2	469.4	467.5	464.9	460.6
90°	472.2	468.1	468.1	469.8	470.6	470.6	470.6	469.0	467.3	464.9	460.0
92.5°	474.6	472.7	471.6	471.5	472.1	472.1	471.2	469.4	467.5	464.9	460.6
95°	473.0	471.7	471.6	471.7	471.9	471.8	471.0	469.7	467.5	464.7	459.9
97.5°	470.6	468.2	470.5	470.2	470.3	470.4	469.2	467.7	465.5	462.5	458.4
100°	466.5	464.2	466.2	467.6	467.8	467.1	466.2	465.5	462.9	459.4	455.6
102.5°	462.5	459.6	461.2	463.2	463.8	463.7	462.2	460.9	458.8	455.4	451.5
105°	456.0	453.9	455.1	456.6	458.5	458.4	457.4	456.0	454.0	450.4	446.3
107.5°	449.5	448.0	448.0	449.5	451.1	452.4	451.5	450.3	447.7	444.4	440.4
110°	441.3	440.0	440.5	441.8	443.9	445.0	444.5	442.8	440.4	437.3	433.6



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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°	433.2	432.1	432.3	433.5	434.9	436.2	435.8	434.8	432.8	429.4	425.7
115°	424.3	423.0	422.7	423.6	424.8	426.4	426.1	425.5	423.6	420.4	416.7
117.5°	412.9	412.4	411.8	412.6	414.0	415.4	415.7	414.8	413.2	410.2	406.1
120°	402.3	401.6	401.0	401.8	402.8	403.8	403.9	403.5	402.0	399.2	395.8
122.5°	389.3	389.3	389.3	389.9	390.8	391.4	391.5	391.2	389.7	387.1	384.2
125°	377.1	377.1	376.2	376.2	377.6	378.1	378.2	377.8	376.3	374.0	370.6
127.5°	364.1	364.1	363.5	363.6	364.0	364.2	364.7	363.9	362.4	360.2	357.5
130°	349.5	350.0	349.2	349.3	349.5	349.7	349.8	349.2	348.0	346.5	343.4
132.5°	333.2	333.6	333.0	334.0	334.7	335.1	335.0	334.3	332.9	330.8	327.9
135°	321.0	320.2	318.1	319.2	319.6	319.7	319.1	319.0	317.2	315.2	312.6
137.5°	302.3	303.1	302.6	303.2	303.5	303.3	302.9	302.1	300.9	298.8	296.2
140°	288.5	288.5	287.2	286.9	286.8	286.5	286.4	285.8	284.4	281.9	279.1
142.5°	269.0	269.6	269.0	268.9	269.3	269.3	268.9	267.9	266.2	264.3	261.9
145°	251.1	251.7	251.2	250.7	251.2	251.1	250.4	249.6	248.4	246.6	244.0
147.5°	233.3	233.8	233.3	232.5	232.5	232.2	231.3	230.4	229.2	227.4	224.6
150°	214.6	215.1	214.5	213.7	213.2	212.9	212.0	210.7	209.2	207.3	205.0
152.5°	192.6	193.7	193.8	193.8	193.2	192.9	192.1	191.0	189.3	187.9	185.9
155°	173.9	174.5	174.2	173.7	172.8	172.2	171.6	170.6	169.2	167.5	165.8
157.5°	151.2	152.0	152.9	152.0	151.4	150.7	150.3	149.5	148.4	147.0	145.3
160°	130.0	130.7	131.5	130.8	130.4	129.6	128.8	128.2	127.3	126.0	124.4
162.5°	111.3	111.6	111.8	110.8	110.1	109.1	108.0	107.2	106.4	105.3	103.9
165°	87.8	88.6	89.3	89.0	88.9	88.5	87.9	87.1	86.1	85.1	83.9
167.5°	67.5	68.0	68.6	68.3	68.2	67.9	67.4	66.8	65.9	64.9	64.1
170°	48.8	49.2	49.6	50.1	49.3	49.1	48.7	48.2	47.6	46.8	45.8
172.5°	30.1	30.4	30.7	31.0	30.7	30.6	30.4	30.2	29.8	29.4	28.9
175°	14.6	14.8	15.1	15.3	15.6	15.4	15.4	15.4	15.3	15.2	15.1
177.5°	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.3	5.3	5.3	5.3
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.3	5.2	5.2	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6
5°	14.9	14.6	14.3	14.0	13.6	13.2	12.7	12.2	11.7	11.1	10.5
7.5°	28.4	27.7	27.0	26.2	25.4	24.4	23.4	22.6	21.6	20.8	20.0
10°	44.7	43.5	42.6	41.4	40.2	38.8	37.6	36.4	35.0	33.6	32.1
12.5°	63.1	61.9	60.5	58.9	57.2	55.5	53.6	51.7	49.6	47.4	45.1
15°	82.6	81.1	79.4	77.6	75.4	73.0	70.5	67.9	65.2	62.7	60.0
17.5°	102.2	100.1	97.9	95.8	93.7	91.2	88.4	85.4	82.2	79.0	75.7
20°	122.4	120.3	118.0	115.5	112.6	109.6	106.3	102.8	98.8	94.8	91.0
22.5°	143.4	141.2	138.5	135.5	132.2	128.6	124.8	120.7	116.4	111.7	107.1
25°	163.7	161.3	158.6	155.5	151.7	147.5	143.1	138.4	133.5	128.2	123.4
27.5°	183.5	180.7	177.7	174.3	170.4	165.8	161.5	155.7	150.6	145.1	139.2
30°	202.4	199.8	197.0	192.9	188.9	184.6	179.1	173.3	167.5	161.5	155.2
32.5°	222.0	219.1	215.8	211.4	206.8	201.9	196.5	190.6	184.3	177.7	170.6
35°	241.1	237.8	234.1	230.1	225.3	219.6	213.7	207.5	200.9	193.8	186.0
37.5°	258.9	255.5	251.7	247.9	242.3	237.0	230.7	224.0	217.1	209.7	201.3
40°	276.4	273.1	269.1	264.3	258.8	252.8	246.7	239.8	232.0	224.0	215.8
42.5°	293.1	290.1	286.2	281.0	276.3	268.9	261.6	254.2	246.3	237.7	229.0
45°	309.1	305.2	301.1	296.4	290.5	284.3	276.8	268.6	260.3	251.6	241.8
47.5°	325.0	321.4	316.5	311.1	304.8	297.7	290.8	282.4	273.6	265.0	254.9
50°	340.1	336.2	331.2	325.5	319.8	311.6	303.9	295.5	286.2	276.5	266.5
52.5°	354.4	350.0	344.9	338.6	331.9	325.0	316.5	307.9	299.0	288.1	277.5
55°	367.2	363.2	357.6	351.4	344.1	336.4	328.2	319.6	309.7	299.2	288.9
57.5°	379.8	374.6	369.2	362.9	355.8	347.9	339.1	329.8	320.1	309.5	298.2
60°	391.8	386.2	380.1	373.8	366.4	358.3	349.4	339.7	329.6	318.8	307.3
62.5°	401.5	397.0	390.5	383.3	376.0	368.2	359.1	349.3	338.8	327.6	315.7
65°	411.5	406.0	400.0	392.3	384.8	376.8	367.9	358.1	347.1	335.2	323.1
67.5°	420.7	414.9	408.5	401.1	393.0	384.5	375.5	365.5	354.6	342.6	329.7
70°	428.6	423.0	416.7	408.7	400.0	391.2	382.1	372.0	361.0	349.5	336.1
72.5°	435.3	429.9	423.2	415.3	406.9	398.0	388.5	378.5	366.7	355.6	342.2
75°	441.5	435.8	429.1	421.0	412.8	404.0	393.7	383.4	372.0	360.4	347.1
77.5°	446.7	440.7	433.8	426.4	417.7	408.4	398.0	387.1	375.8	363.7	350.2
80°	450.6	444.5	437.6	429.9	421.2	411.4	400.9	390.3	378.7	366.6	353.3
82.5°	453.7	447.9	440.7	432.6	423.4	413.6	403.3	393.2	381.2	368.6	356.2
85°	455.1	449.3	442.6	434.2	424.8	415.4	405.0	394.3	382.6	370.3	358.0
87.5°	455.8	450.3	443.0	434.9	425.9	416.9	406.4	395.2	383.3	371.4	358.9
90°	455.1	450.3	443.0	435.6	425.9	416.9	406.4	395.8	382.8	371.4	358.4
92.5°	455.8	450.3	443.0	434.9	425.9	416.9	406.4	395.2	383.3	371.4	358.9
95°	455.1	449.3	442.6	434.2	424.8	415.4	405.0	394.3	382.6	370.3	358.0
97.5°	453.7	447.9	440.7	432.6	423.4	413.6	403.3	393.2	381.2	368.6	356.2
100°	450.6	444.5	437.6	429.9	421.2	411.4	400.9	390.3	378.7	366.6	353.3
102.5°	446.7	440.7	433.8	426.4	417.7	408.4	398.0	387.1	375.8	363.7	350.2
105°	441.5	435.8	429.1	421.0	412.8	404.0	393.7	383.4	372.0	360.4	347.1
107.5°	435.3	429.9	423.2	415.3	406.9	398.0	388.5	378.5	366.7	355.6	342.2
110°	428.6	423.0	416.7	408.7	400.0	391.2	382.1	372.0	361.0	349.5	336.1



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	420.7	414.9	408.5	401.1	393.0	384.5	375.5	365.5	354.6	342.6	329.7
115°	411.5	406.0	400.0	392.3	384.8	376.8	367.9	358.1	347.1	335.2	323.1
117.5°	401.5	397.0	390.5	383.3	376.0	368.2	359.1	349.3	338.8	327.6	315.7
120°	391.8	386.2	380.1	373.8	366.4	358.3	349.4	339.7	329.6	318.8	307.3
122.5°	379.8	374.6	369.2	362.9	355.8	347.9	339.1	329.8	320.1	309.5	298.2
125°	367.2	363.2	357.6	351.4	344.1	336.4	328.2	319.6	309.7	299.2	288.9
127.5°	354.4	350.0	344.9	338.6	331.9	325.0	316.5	307.9	299.0	288.1	277.5
130°	340.1	336.2	331.2	325.5	319.8	311.6	303.9	295.5	286.2	276.5	266.5
132.5°	325.0	321.4	316.5	311.1	304.8	297.7	290.8	282.4	273.6	265.0	254.9
135°	309.1	305.2	301.1	296.4	290.5	284.3	276.8	268.6	260.3	251.6	241.8
137.5°	293.1	290.1	286.2	281.0	276.3	268.9	261.6	254.2	246.3	237.7	229.0
140°	276.4	273.1	269.1	264.3	258.8	252.8	246.7	239.8	232.0	224.0	215.8
142.5°	258.9	255.5	251.7	247.9	242.3	237.0	230.7	224.0	217.1	209.7	201.3
145°	241.1	237.8	234.1	230.1	225.3	219.6	213.7	207.5	200.9	193.8	186.0
147.5°	222.0	219.1	215.8	211.4	206.8	201.9	196.5	190.6	184.3	177.7	170.6
150°	202.4	199.8	197.0	192.9	188.9	184.6	179.1	173.3	167.5	161.5	155.2
152.5°	183.5	180.7	177.7	174.3	170.4	165.8	161.5	155.7	150.6	145.1	139.2
155°	163.7	161.3	158.6	155.5	151.7	147.5	143.1	138.4	133.5	128.2	123.4
157.5°	143.4	141.2	138.5	135.5	132.2	128.6	124.8	120.7	116.4	111.7	107.1
160°	122.4	120.3	118.0	115.5	112.6	109.6	106.3	102.8	98.8	94.8	91.0
162.5°	102.2	100.1	97.9	95.8	93.7	91.2	88.4	85.4	82.2	79.0	75.7
165°	82.6	81.1	79.4	77.6	75.4	73.0	70.5	67.9	65.2	62.7	60.0
167.5°	63.1	61.9	60.5	58.9	57.2	55.5	53.6	51.7	49.6	47.4	45.1
170°	44.7	43.5	42.6	41.4	40.2	38.8	37.6	36.4	35.0	33.6	32.1
172.5°	28.4	27.7	27.0	26.2	25.4	24.4	23.4	22.6	21.6	20.8	20.0
175°	14.9	14.6	14.3	14.0	13.6	13.2	12.7	12.2	11.7	11.1	10.5
177.5°	5.3	5.2	5.2	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6
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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.5	4.3	4.2	4.1	3.9	3.8	3.6	3.4	3.2	3.1	2.9
5°	9.8	9.1	8.4	8.1	7.8	7.5	7.1	6.8	6.4	6.1	5.7
7.5°	19.2	18.3	17.4	16.4	15.4	14.3	13.2	12.6	12.2	11.7	11.2
10°	30.4	28.7	26.9	25.6	24.2	22.9	21.4	19.9	18.4	17.6	16.9
12.5°	43.1	40.9	38.7	36.3	33.9	31.8	30.0	28.2	26.2	24.2	22.9
15°	57.2	54.0	51.2	48.0	45.2	42.2	39.1	36.7	34.3	31.8	29.2
17.5°	72.7	68.5	64.5	60.4	56.4	52.9	49.3	45.4	42.4	39.7	36.9
20°	86.9	82.4	77.8	73.3	68.8	64.2	59.8	55.2	50.4	47.3	44.4
22.5°	102.3	97.1	91.5	85.6	80.7	75.8	70.7	65.6	60.3	55.4	52.1
25°	117.5	111.9	105.9	99.7	93.4	87.7	81.9	76.0	70.2	64.4	60.0
27.5°	133.1	126.7	119.9	112.8	106.3	99.4	92.7	85.7	79.2	73.0	67.4
30°	148.5	141.3	133.9	126.3	118.7	111.0	103.0	95.3	87.7	81.0	74.7
32.5°	163.0	155.1	147.1	139.1	131.3	122.8	113.8	105.0	96.3	88.7	81.7
35°	177.7	169.1	160.4	151.4	142.6	133.7	124.3	115.1	105.4	96.5	88.7
37.5°	192.2	183.1	174.1	164.3	154.8	144.4	134.3	124.2	114.3	104.4	96.0
40°	206.6	196.4	186.6	176.4	165.4	154.5	143.9	133.3	122.8	112.5	103.2
42.5°	219.8	209.3	198.4	187.5	176.1	164.6	153.3	142.0	130.6	119.7	109.4
45°	231.8	221.6	210.2	198.7	187.0	174.6	162.6	150.9	138.3	126.4	115.4
47.5°	243.6	232.9	221.6	210.4	197.7	184.7	171.2	159.1	145.9	133.1	121.2
50°	255.3	243.9	232.1	219.5	206.7	193.3	178.8	166.3	153.1	139.7	127.1
52.5°	266.5	254.3	241.7	228.6	215.2	201.6	186.7	173.2	159.9	145.5	132.6
55°	277.3	264.7	251.4	237.7	223.9	209.5	194.5	180.0	166.5	151.2	137.9
57.5°	286.5	274.1	261.3	246.7	232.3	217.2	201.7	186.6	172.5	156.8	142.8
60°	295.1	282.6	269.1	254.5	239.5	224.3	208.3	193.2	177.9	162.2	147.6
62.5°	302.9	290.2	276.6	261.7	246.1	231.0	214.3	198.7	182.9	166.7	151.7
65°	310.4	297.0	283.3	268.1	251.9	236.8	220.0	203.5	187.3	171.0	155.5
67.5°	316.7	303.1	289.0	274.0	257.6	242.0	225.1	207.9	191.1	174.8	159.0
70°	322.6	308.7	294.2	279.2	263.2	246.6	229.6	212.0	194.6	178.1	162.4
72.5°	328.3	313.8	298.9	283.8	267.9	250.9	233.2	215.8	198.1	181.1	164.4
75°	332.9	318.4	303.2	287.4	271.4	254.5	236.2	219.2	201.5	184.1	166.1
77.5°	336.6	322.2	306.9	290.5	274.1	257.5	239.1	221.9	203.4	186.1	167.9
80°	339.0	324.2	309.4	293.1	276.0	259.7	242.0	224.3	204.8	187.9	169.7
82.5°	341.0	326.1	311.5	295.4	278.1	261.6	243.1	225.9	206.6	189.0	171.8
85°	342.7	328.1	313.4	297.3	280.3	264.0	243.9	227.6	208.8	190.2	173.1
87.5°	343.8	328.9	313.8	298.3	280.8	263.4	244.2	228.0	208.5	190.2	172.3
90°	343.8	328.4	312.9	298.3	280.4	262.5	244.6	228.4	208.1	190.2	171.5
92.5°	343.8	328.9	313.8	298.3	280.8	263.4	244.2	228.0	208.5	190.2	172.3
95°	342.7	328.1	313.4	297.3	280.3	264.0	243.9	227.6	208.8	190.2	173.1
97.5°	341.0	326.1	311.5	295.4	278.1	261.6	243.1	225.9	206.6	189.0	171.8
100°	339.0	324.2	309.4	293.1	276.0	259.7	242.0	224.3	204.8	187.9	169.7
102.5°	336.6	322.2	306.9	290.5	274.1	257.5	239.1	221.9	203.4	186.1	167.9
105°	332.9	318.4	303.2	287.4	271.4	254.5	236.2	219.2	201.5	184.1	166.1
107.5°	328.3	313.8	298.9	283.8	267.9	250.9	233.2	215.8	198.1	181.1	164.4
110°	322.6	308.7	294.2	279.2	263.2	246.6	229.6	212.0	194.6	178.1	162.4



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	316.7	303.1	289.0	274.0	257.6	242.0	225.1	207.9	191.1	174.8	159.0
115°	310.4	297.0	283.3	268.1	251.9	236.8	220.0	203.5	187.3	171.0	155.5
117.5°	302.9	290.2	276.6	261.7	246.1	231.0	214.3	198.7	182.9	166.7	151.7
120°	295.1	282.6	269.1	254.5	239.5	224.3	208.3	193.2	177.9	162.2	147.6
122.5°	286.5	274.1	261.3	246.7	232.3	217.2	201.7	186.6	172.5	156.8	142.8
125°	277.3	264.7	251.4	237.7	223.9	209.5	194.5	180.0	166.5	151.2	137.9
127.5°	266.5	254.3	241.7	228.6	215.2	201.6	186.7	173.2	159.9	145.5	132.6
130°	255.3	243.9	232.1	219.5	206.7	193.3	178.8	166.3	153.1	139.7	127.1
132.5°	243.6	232.9	221.6	210.4	197.7	184.7	171.2	159.1	145.9	133.1	121.2
135°	231.8	221.6	210.2	198.7	187.0	174.6	162.6	150.9	138.3	126.4	115.4
137.5°	219.8	209.3	198.4	187.5	176.1	164.6	153.3	142.0	130.6	119.7	109.4
140°	206.6	196.4	186.6	176.4	165.4	154.5	143.9	133.3	122.8	112.5	103.2
142.5°	192.2	183.1	174.1	164.3	154.8	144.4	134.3	124.2	114.3	104.4	96.0
145°	177.7	169.1	160.4	151.4	142.6	133.7	124.3	115.1	105.4	96.5	88.7
147.5°	163.0	155.1	147.1	139.1	131.3	122.8	113.8	105.0	96.3	88.7	81.7
150°	148.5	141.3	133.9	126.3	118.7	111.0	103.0	95.3	87.7	81.0	74.7
152.5°	133.1	126.7	119.9	112.8	106.3	99.4	92.7	85.7	79.2	73.0	67.4
155°	117.5	111.9	105.9	99.7	93.4	87.7	81.9	76.0	70.2	64.4	60.0
157.5°	102.3	97.1	91.5	85.6	80.7	75.8	70.7	65.6	60.3	55.4	52.1
160°	86.9	82.4	77.8	73.3	68.8	64.2	59.8	55.2	50.4	47.3	44.4
162.5°	72.7	68.5	64.5	60.4	56.4	52.9	49.3	45.4	42.4	39.7	36.9
165°	57.2	54.0	51.2	48.0	45.2	42.2	39.1	36.7	34.3	31.8	29.2
167.5°	43.1	40.9	38.7	36.3	33.9	31.8	30.0	28.2	26.2	24.2	22.9
170°	30.4	28.7	26.9	25.6	24.2	22.9	21.4	19.9	18.4	17.6	16.9
172.5°	19.2	18.3	17.4	16.4	15.4	14.3	13.2	12.6	12.2	11.7	11.2
175°	9.8	9.1	8.4	8.1	7.8	7.5	7.1	6.8	6.4	6.1	5.7
177.5°	4.5	4.3	4.2	4.1	3.9	3.8	3.6	3.4	3.2	3.1	2.9
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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.7	2.5	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
5°	5.3	4.9	4.5	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
7.5°	10.7	10.2	9.6	9.0	8.8	8.7	8.5	8.3	8.1	7.9	7.7
10°	16.2	15.4	14.6	13.8	13.5	13.2	12.8	12.4	12.0	11.7	11.3
12.5°	22.1	21.1	20.1	19.1	18.8	18.5	18.1	17.7	17.2	16.7	16.2
15°	27.9	26.8	25.6	24.4	24.2	23.9	23.5	23.1	22.6	22.1	21.5
17.5°	34.6	33.3	31.9	30.5	30.1	29.6	29.1	28.5	28.0	27.4	26.6
20°	41.3	39.8	38.2	36.6	36.0	35.3	34.5	34.0	33.4	32.7	31.6
22.5°	48.6	46.1	44.3	42.3	41.6	40.8	40.1	39.5	38.8	37.8	36.6
25°	55.9	52.5	50.3	48.0	47.2	46.4	45.7	45.0	44.2	43.0	41.7
27.5°	62.9	58.7	56.2	53.7	52.8	51.9	51.1	50.2	49.2	48.1	46.8
30°	69.8	64.8	62.1	59.3	58.4	57.5	56.4	55.3	54.4	53.4	51.9
32.5°	75.9	70.5	67.4	64.6	63.7	62.7	61.5	60.4	59.3	58.1	56.6
35°	81.9	76.1	72.7	69.9	68.9	67.8	66.6	65.3	64.0	62.5	61.0
37.5°	88.2	82.1	77.9	74.8	73.7	72.6	71.3	70.0	68.6	67.0	65.4
40°	94.6	88.1	83.2	79.7	78.6	77.3	76.0	74.7	73.1	71.5	69.8
42.5°	99.9	93.2	87.9	84.2	83.0	81.7	80.4	79.0	77.4	75.8	73.9
45°	105.3	98.1	92.6	88.6	87.4	86.1	84.7	83.2	81.6	79.8	77.7
47.5°	111.0	103.0	96.8	92.7	91.4	90.1	88.7	87.1	85.6	83.6	81.2
50°	116.7	107.8	101.0	96.7	95.4	94.1	92.6	91.0	89.4	87.2	84.8
52.5°	121.3	111.9	104.8	100.4	98.7	97.3	96.0	94.5	92.7	90.4	88.0
55°	125.8	115.8	108.6	104.0	102.0	100.4	99.3	97.9	95.7	93.3	90.9
57.5°	130.2	119.5	112.0	107.3	105.2	103.6	102.3	100.8	98.6	96.3	93.7
60°	134.4	123.2	115.4	110.5	108.4	106.8	105.2	103.6	101.7	99.2	96.8
62.5°	138.2	126.4	118.0	113.4	111.2	109.3	107.9	106.2	104.1	101.7	99.0
65°	142.0	129.6	120.6	116.2	114.0	111.7	110.5	108.7	106.3	103.9	101.1
67.5°	144.8	132.1	123.1	118.3	116.0	114.0	112.4	110.5	108.2	105.8	103.0
70°	147.6	134.5	125.6	120.3	117.9	116.3	114.1	112.4	110.1	107.7	104.7
72.5°	149.9	136.4	127.7	121.9	119.6	118.0	115.7	113.9	111.7	109.0	106.1
75°	152.0	138.3	130.0	123.5	121.2	119.6	117.2	115.5	113.2	110.1	107.5
77.5°	153.4	139.7	130.4	124.8	122.0	120.4	118.3	116.3	114.0	111.2	108.4
80°	154.5	141.4	130.9	126.0	122.7	121.1	119.5	117.1	114.7	112.3	109.1
82.5°	155.6	142.2	131.7	126.4	123.6	121.9	119.9	117.9	115.1	112.7	109.4
85°	156.0	143.0	132.5	126.8	124.4	122.7	120.3	118.7	115.4	113.0	109.8
87.5°	156.4	142.6	132.5	127.2	124.4	122.7	120.7	118.7	115.8	113.4	110.1
90°	156.9	142.2	132.5	127.6	124.4	122.7	121.1	118.7	116.2	113.8	110.5
92.5°	156.4	142.6	132.5	127.2	124.4	122.7	120.7	118.7	115.8	113.4	110.1
95°	156.0	143.0	132.5	126.8	124.4	122.7	120.3	118.7	115.4	113.0	109.8
97.5°	155.6	142.2	131.7	126.4	123.6	121.9	119.9	117.9	115.1	112.7	109.4
100°	154.5	141.4	130.9	126.0	122.7	121.1	119.5	117.1	114.7	112.3	109.1
102.5°	153.4	139.7	130.4	124.8	122.0	120.4	118.3	116.3	114.0	111.2	108.4
105°	152.0	138.3	130.0	123.5	121.2	119.6	117.2	115.5	113.2	110.1	107.5
107.5°	149.9	136.4	127.7	121.9	119.6	118.0	115.7	113.9	111.7	109.0	106.1
110°	147.6	134.5	125.6	120.3	117.9	116.3	114.1	112.4	110.1	107.7	104.7



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	144.8	132.1	123.1	118.3	116.0	114.0	112.4	110.5	108.3	105.8	103.0
115°	142.0	129.6	120.6	116.2	114.0	111.7	110.5	108.7	106.3	103.9	101.1
117.5°	138.2	126.4	118.0	113.4	111.2	109.3	107.9	106.2	104.1	101.7	99.0
120°	134.4	123.2	115.4	110.5	108.4	106.8	105.2	103.6	101.7	99.2	96.8
122.5°	130.2	119.5	112.0	107.3	105.2	103.6	102.3	100.8	98.6	96.3	93.7
125°	125.8	115.8	108.6	104.0	102.0	100.4	99.3	97.9	95.7	93.3	90.9
127.5°	121.3	111.9	104.8	100.4	98.7	97.3	96.0	94.5	92.7	90.4	88.0
130°	116.7	107.8	101.0	96.7	95.4	94.1	92.6	91.0	89.4	87.2	84.8
132.5°	111.0	103.0	96.8	92.7	91.4	90.1	88.7	87.1	85.6	83.6	81.2
135°	105.3	98.1	92.6	88.6	87.4	86.1	84.7	83.2	81.6	79.8	77.7
137.5°	99.9	93.2	87.9	84.2	83.0	81.7	80.4	79.0	77.4	75.8	73.9
140°	94.6	88.1	83.2	79.7	78.6	77.3	76.0	74.7	73.1	71.5	69.8
142.5°	88.2	82.1	77.9	74.8	73.7	72.6	71.3	70.0	68.6	67.0	65.4
145°	81.9	76.1	72.7	69.9	68.9	67.8	66.6	65.3	64.0	62.5	61.0
147.5°	75.9	70.5	67.4	64.6	63.7	62.7	61.5	60.4	59.3	58.1	56.6
150°	69.8	64.8	62.1	59.3	58.4	57.5	56.4	55.3	54.4	53.4	51.9
152.5°	62.9	58.7	56.2	53.7	52.8	51.9	51.1	50.2	49.2	48.1	46.8
155°	55.9	52.5	50.3	48.0	47.2	46.4	45.7	45.0	44.2	43.0	41.7
157.5°	48.6	46.1	44.3	42.3	41.6	40.8	40.1	39.5	38.8	37.8	36.6
160°	41.3	39.8	38.2	36.6	36.0	35.3	34.5	34.0	33.4	32.7	31.6
162.5°	34.6	33.3	31.9	30.5	30.1	29.6	29.1	28.5	28.0	27.4	26.6
165°	27.9	26.8	25.6	24.4	24.2	23.9	23.5	23.1	22.6	22.1	21.5
167.5°	22.1	21.1	20.1	19.1	18.8	18.5	18.1	17.7	17.2	16.7	16.2
170°	16.2	15.4	14.6	13.8	13.5	13.2	12.8	12.4	12.0	11.7	11.3
172.5°	10.7	10.2	9.6	8.9	8.8	8.7	8.5	8.3	8.1	7.9	7.7
175°	5.3	4.9	4.5	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
177.5°	2.7	2.5	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5
5°	3.9	3.8	3.7	3.6	3.6	3.4	3.3	3.1	3.0	2.8	2.7
7.5°	7.4	7.1	6.8	6.5	6.1	5.8	5.4	5.0	4.6	4.2	3.8
10°	11.0	10.6	10.2	9.7	9.3	8.9	8.5	8.1	7.7	7.2	6.7
12.5°	15.7	15.1	14.5	13.9	13.3	12.7	12.0	11.4	10.7	10.0	9.3
15°	20.8	20.1	19.4	18.6	17.8	16.9	15.9	14.9	13.9	12.9	11.8
17.5°	25.8	24.9	24.0	22.9	21.8	20.5	19.3	18.3	17.2	16.0	14.9
20°	30.6	29.5	28.5	27.3	26.1	24.7	23.4	22.0	20.7	19.2	18.0
22.5°	35.4	34.3	33.2	32.0	30.5	28.9	27.4	26.0	24.5	22.9	21.2
25°	40.4	39.1	37.7	36.3	34.8	33.2	31.6	30.0	28.1	26.2	24.3
27.5°	45.3	43.8	42.5	41.1	39.3	37.4	35.6	33.5	31.4	29.5	27.5
30°	50.3	48.7	47.2	45.4	43.5	41.5	39.4	37.2	35.1	32.9	30.7
32.5°	55.0	53.3	51.6	49.7	47.7	45.5	43.3	40.8	38.4	36.0	33.6
35°	59.3	57.6	55.7	53.7	51.6	49.4	46.8	44.2	41.8	39.2	36.6
37.5°	63.6	61.8	59.8	57.4	55.1	52.7	50.2	47.6	45.2	42.6	39.7
40°	67.9	65.7	63.5	61.2	58.8	56.4	53.5	50.9	48.3	45.5	42.3
42.5°	71.9	69.5	67.5	65.1	62.4	59.6	56.8	54.2	51.3	48.2	45.0
45°	75.3	73.1	71.1	68.5	65.8	63.0	60.0	57.1	54.0	50.8	47.5
47.5°	78.8	76.7	74.4	71.7	68.9	65.9	62.8	59.8	56.8	53.5	49.8
50°	82.3	80.0	77.5	74.7	71.9	68.6	65.4	62.3	59.0	55.6	51.9
52.5°	85.6	83.1	80.5	77.4	74.3	71.2	67.9	64.5	61.1	57.7	54.0
55°	88.4	85.9	83.2	79.8	76.9	73.7	70.1	66.6	63.4	59.7	55.9
57.5°	91.1	88.6	85.7	82.4	79.6	76.0	72.4	68.9	65.5	61.3	57.4
60°	93.6	91.0	87.9	84.8	81.7	78.3	74.8	70.7	66.9	62.8	58.9
62.5°	95.9	93.4	90.2	86.8	83.5	80.0	76.4	72.2	68.6	64.3	60.3
65°	98.1	95.4	92.1	88.7	85.3	81.7	77.8	73.9	70.0	65.7	61.6
67.5°	100.1	97.3	94.0	90.6	87.2	83.1	79.4	75.4	71.3	67.0	62.6
70°	101.9	99.0	95.5	91.8	88.4	84.4	81.0	76.8	72.5	68.2	63.8
72.5°	103.3	100.3	96.7	93.1	89.4	85.6	82.0	77.8	73.5	69.0	64.8
75°	104.4	101.3	97.8	94.1	90.4	86.7	82.8	78.6	74.1	69.5	65.1
77.5°	105.2	102.0	98.8	94.9	91.4	87.7	83.6	79.0	74.5	70.0	65.4
80°	105.9	102.6	99.4	95.4	92.0	88.1	83.7	79.2	75.0	70.3	65.8
82.5°	106.6	103.0	99.8	95.8	92.4	88.5	83.7	79.5	75.5	70.7	65.9
85°	107.3	103.3	100.0	96.0	92.7	88.7	83.8	79.7	75.7	70.8	65.9
87.5°	107.3	103.2	100.0	96.3	92.7	88.7	84.1	79.8	75.7	70.8	65.9
90°	107.3	103.2	100.0	96.7	92.7	88.6	84.5	79.7	75.6	70.7	65.8
92.5°	107.3	103.2	100.0	96.3	92.7	88.7	84.1	79.8	75.7	70.8	65.9
95°	107.3	103.3	100.0	96.0	92.7	88.7	83.8	79.7	75.7	70.8	65.9
97.5°	106.6	103.0	99.8	95.8	92.4	88.5	83.7	79.5	75.5	70.7	65.9
100°	105.9	102.6	99.4	95.4	92.0	88.1	83.7	79.2	75.0	70.3	65.8
102.5°	105.2	102.0	98.8	94.9	91.4	87.7	83.6	79.0	74.5	70.0	65.4
105°	104.4	101.3	97.8	94.1	90.4	86.7	82.8	78.6	74.1	69.5	65.1
107.5°	103.3	100.3	96.7	93.1	89.4	85.6	82.0	77.8	73.5	69.0	64.8
110°	101.9	99.0	95.5	91.8	88.4	84.4	81.0	76.8	72.5	68.2	63.8



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	100.1	97.3	94.0	90.6	87.2	83.1	79.4	75.4	71.3	67.0	62.6
115°	98.1	95.4	92.1	88.7	85.3	81.7	77.8	73.9	70.0	65.7	61.6
117.5°	95.9	93.4	90.2	86.8	83.5	80.0	76.4	72.2	68.6	64.3	60.3
120°	93.6	91.0	87.9	84.8	81.7	78.3	74.8	70.7	66.9	62.8	58.9
122.5°	91.1	88.6	85.7	82.4	79.6	76.0	72.4	68.9	65.5	61.3	57.4
125°	88.4	85.9	83.2	79.8	76.9	73.7	70.1	66.6	63.4	59.7	55.9
127.5°	85.6	83.1	80.5	77.4	74.3	71.2	67.9	64.5	61.1	57.7	54.0
130°	82.3	80.0	77.5	74.7	71.9	68.6	65.4	62.3	59.0	55.6	51.9
132.5°	78.8	76.7	74.4	71.7	68.9	65.9	62.8	59.8	56.8	53.5	49.8
135°	75.3	73.1	71.1	68.5	65.8	63.0	60.0	57.1	54.0	50.8	47.5
137.5°	71.9	69.5	67.5	65.1	62.4	59.6	56.8	54.2	51.3	48.2	45.0
140°	67.9	65.7	63.5	61.2	58.8	56.4	53.5	50.9	48.3	45.5	42.3
142.5°	63.6	61.8	59.8	57.4	55.1	52.7	50.2	47.6	45.2	42.6	39.7
145°	59.3	57.6	55.7	53.7	51.6	49.4	46.8	44.2	41.8	39.2	36.6
147.5°	55.0	53.3	51.6	49.7	47.7	45.5	43.3	40.8	38.4	36.0	33.6
150°	50.3	48.7	47.2	45.4	43.5	41.5	39.4	37.2	35.1	32.9	30.7
152.5°	45.3	43.8	42.5	41.1	39.3	37.4	35.6	33.5	31.4	29.5	27.5
155°	40.4	39.1	37.7	36.3	34.8	33.2	31.6	30.0	28.1	26.2	24.3
157.5°	35.4	34.3	33.2	32.0	30.5	28.9	27.4	26.0	24.5	22.9	21.2
160°	30.6	29.5	28.5	27.3	26.1	24.7	23.4	22.0	20.7	19.2	18.0
162.5°	25.8	24.9	24.0	22.9	21.8	20.5	19.3	18.3	17.2	16.0	14.9
165°	20.8	20.1	19.4	18.6	17.8	16.9	15.9	14.9	13.9	12.9	11.8
167.5°	15.7	15.1	14.5	13.9	13.3	12.7	12.0	11.4	10.7	10.0	9.3
170°	11.0	10.6	10.2	9.7	9.3	8.9	8.5	8.1	7.7	7.2	6.7
172.5°	7.4	7.1	6.8	6.5	6.1	5.8	5.4	5.0	4.6	4.2	3.8
175°	3.9	3.8	3.7	3.6	3.6	3.4	3.3	3.1	3.0	2.8	2.7
177.5°	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5
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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6
5°	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0
7.5°	3.3	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
10°	6.2	5.7	5.1	4.5	3.9	3.3	3.1	2.8	2.5	2.3	2.0
12.5°	8.6	7.9	7.2	6.5	5.7	5.0	4.2	3.3	2.7	2.3	2.0
15°	10.8	9.8	8.9	8.0	7.1	6.3	5.4	4.6	3.7	2.7	2.2
17.5°	13.7	12.6	11.4	10.3	9.2	8.3	7.1	6.0	4.8	3.6	2.5
20°	16.7	15.4	14.0	12.6	11.1	9.6	8.2	6.9	5.7	4.5	3.3
22.5°	19.5	17.9	16.3	14.7	13.1	11.4	9.6	7.9	6.6	5.4	4.1
25°	22.5	20.7	18.9	17.0	15.1	13.3	11.3	9.4	7.5	6.2	5.0
27.5°	25.6	23.5	21.4	19.3	17.3	15.2	13.2	11.2	9.3	7.1	5.7
30°	28.3	25.9	23.8	21.7	19.4	17.0	14.4	12.2	10.1	8.0	6.0
32.5°	31.1	28.8	26.4	23.7	21.2	18.5	15.9	13.3	11.2	8.9	6.7
35°	33.9	31.3	28.6	25.8	22.9	20.1	17.5	15.0	12.4	9.9	7.6
37.5°	36.7	33.7	30.8	27.9	25.0	22.2	19.4	16.5	13.7	11.0	8.5
40°	39.3	36.4	33.2	30.1	27.0	23.9	20.8	17.6	14.6	11.5	8.7
42.5°	41.9	38.7	35.3	31.9	28.8	25.4	21.9	18.6	15.4	12.3	9.4
45°	44.2	40.7	37.2	33.6	30.3	26.7	23.2	19.8	16.3	12.9	9.6
47.5°	46.3	42.9	39.3	35.8	32.1	28.4	24.7	21.1	17.3	13.6	10.3
50°	48.5	44.8	41.1	37.2	33.3	29.6	25.8	21.9	18.1	14.2	10.7
52.5°	50.3	46.3	42.3	38.4	34.6	30.8	26.8	22.8	18.6	14.5	10.9
55°	51.9	47.9	43.8	40.1	36.0	32.1	27.7	23.5	19.0	14.7	11.2
57.5°	53.5	49.6	45.4	41.3	37.1	32.7	28.3	23.7	19.4	15.4	11.5
60°	55.1	50.7	46.6	42.6	38.2	33.7	29.1	24.2	19.7	15.7	11.7
62.5°	56.2	51.8	47.8	43.4	39.1	34.4	29.3	24.6	20.0	15.6	11.9
65°	57.3	52.9	48.5	44.0	39.9	34.9	29.8	25.0	20.0	15.5	11.8
67.5°	58.2	53.8	49.2	44.6	40.2	35.8	30.6	25.1	20.1	15.7	11.8
70°	59.2	54.7	50.2	45.4	40.5	36.0	30.8	25.3	20.0	15.3	11.3
72.5°	59.9	55.5	50.7	46.0	41.1	36.3	30.9	25.3	20.2	15.5	11.5
75°	60.3	56.0	51.0	46.6	41.1	36.7	31.5	25.6	20.0	15.2	10.7
77.5°	60.9	56.2	51.3	46.4	41.1	36.5	31.4	26.0	20.0	14.7	10.4
80°	61.2	56.4	51.4	46.4	41.4	36.3	31.3	26.1	20.3	14.7	9.9
82.5°	61.0	56.2	51.3	46.4	41.4	36.0	30.9	26.0	20.8	14.9	10.0
85°	61.0	56.2	51.2	46.1	40.7	35.6	30.8	25.4	20.5	15.2	9.5
87.5°	61.1	56.2	51.3	45.7	40.8	36.0	31.0	25.3	19.8	14.9	10.1
90°	61.0	56.1	51.2	45.5	40.6	35.8	30.1	24.4	19.5	14.6	8.9
92.5°	61.1	56.2	51.3	45.7	40.8	36.0	31.0	25.3	19.8	14.9	10.1
95°	61.0	56.2	51.2	46.1	40.7	35.6	30.8	25.4	20.5	15.2	9.5
97.5°	61.0	56.2	51.3	46.4	41.4	36.0	30.9	26.0	20.8	14.9	10.0
100°	61.2	56.4	51.4	46.4	41.4	36.3	31.3	26.1	20.3	14.7	9.9
102.5°	60.9	56.2	51.3	46.4	41.1	36.5	31.4	26.0	20.0	14.7	10.4
105°	60.3	56.0	51.0	46.6	41.1	36.7	31.5	25.6	20.0	15.2	10.7
107.5°	59.9	55.5	50.7	46.0	41.1	36.3	30.9	25.3	20.2	15.5	11.5
110°	59.2	54.7	50.2	45.4	40.5	36.0	30.8	25.3	20.0	15.3	11.3



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	58.2	53.8	49.2	44.6	40.2	35.8	30.6	25.1	20.1	15.7	11.8
115°	57.3	52.9	48.5	44.0	39.9	34.9	29.8	25.0	20.0	15.5	11.8
117.5°	56.2	51.8	47.8	43.4	39.1	34.4	29.3	24.6	20.0	15.6	11.9
120°	55.1	50.7	46.6	42.6	38.2	33.7	29.1	24.2	19.7	15.7	11.7
122.5°	53.5	49.6	45.4	41.3	37.1	32.7	28.3	23.7	19.4	15.4	11.5
125°	51.9	47.9	43.8	40.1	36.0	32.1	27.7	23.5	19.0	14.7	11.2
127.5°	50.3	46.3	42.3	38.4	34.6	30.8	26.8	22.8	18.6	14.5	10.9
130°	48.5	44.8	41.1	37.2	33.3	29.6	25.8	21.9	18.1	14.2	10.7
132.5°	46.3	42.9	39.3	35.8	32.1	28.4	24.7	21.1	17.3	13.6	10.3
135°	44.2	40.7	37.2	33.6	30.3	26.7	23.2	19.8	16.3	12.9	9.6
137.5°	41.9	38.7	35.3	31.9	28.8	25.4	21.9	18.6	15.4	12.3	9.4
140°	39.3	36.4	33.2	30.1	27.0	23.9	20.8	17.6	14.6	11.5	8.7
142.5°	36.7	33.7	30.8	27.9	25.0	22.2	19.4	16.5	13.7	11.0	8.5
145°	33.9	31.3	28.6	25.8	22.9	20.1	17.5	15.0	12.4	9.9	7.6
147.5°	31.1	28.8	26.4	23.7	21.2	18.5	15.9	13.3	11.2	8.9	6.7
150°	28.3	25.9	23.8	21.7	19.4	17.0	14.4	12.2	10.1	8.0	6.0
152.5°	25.6	23.5	21.4	19.3	17.3	15.2	13.2	11.2	9.3	7.1	5.7
155°	22.5	20.7	18.9	17.0	15.1	13.3	11.3	9.4	7.5	6.2	5.0
157.5°	19.5	17.9	16.3	14.7	13.1	11.4	9.6	7.9	6.6	5.4	4.1
160°	16.7	15.4	14.0	12.6	11.1	9.6	8.2	6.9	5.7	4.5	3.3
162.5°	13.7	12.6	11.4	10.3	9.2	8.3	7.1	6.0	4.8	3.6	2.5
165°	10.8	9.8	8.9	8.0	7.1	6.3	5.4	4.6	3.7	2.7	2.2
167.5°	8.6	7.9	7.2	6.5	5.7	5.0	4.2	3.3	2.7	2.3	2.0
170°	6.2	5.7	5.1	4.5	3.9	3.3	3.1	2.8	2.5	2.3	2.0
172.5°	3.3	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
175°	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0
177.5°	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6
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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
7.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
10°	1.7	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
12.5°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
15°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
17.5°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
20°	2.1	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
22.5°	2.9	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
25°	3.7	2.5	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
27.5°	4.2	2.7	1.1	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.1
30°	4.5	3.0	1.5	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.5
32.5°	4.7	3.3	1.9	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.9
35°	5.3	3.8	2.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.4
37.5°	6.1	4.0	2.6	1.3	0.6	0.3	0.0	0.3	0.6	1.3	2.6
40°	6.4	4.0	2.6	1.5	0.7	0.3	0.0	0.3	0.7	1.5	2.6
42.5°	6.6	4.1	2.2	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.2
45°	6.7	4.4	2.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.3
47.5°	7.2	4.8	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
50°	7.7	5.0	2.8	1.2	0.3	0.0	0.0	0.0	0.3	1.2	2.8
52.5°	7.8	5.0	2.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.7
55°	7.7	4.7	2.4	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.4
57.5°	7.8	4.7	2.2	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.2
60°	8.0	5.1	2.5	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.5
62.5°	8.2	5.0	2.5	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.5
65°	8.1	5.0	2.4	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.4
67.5°	8.1	4.9	2.4	1.0	0.3	0.0	0.8	0.0	0.3	1.0	2.4
70°	8.1	5.0	2.5	0.8	0.1	0.0	0.8	0.0	0.1	0.8	2.5
72.5°	7.5	4.5	2.3	0.9	0.0	0.3	0.8	0.3	0.0	0.9	2.3
75°	7.2	4.2	2.2	0.7	0.0	0.1	0.8	0.1	0.0	0.7	2.2
77.5°	7.2	4.1	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.9
80°	6.4	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	5.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	5.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	6.4	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	7.2	4.1	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.9
105°	7.2	4.2	2.2	0.7	0.0	0.1	0.8	0.1	0.0	0.7	2.2
107.5°	7.5	4.5	2.3	0.9	0.0	0.3	0.8	0.3	0.0	0.9	2.3
110°	8.1	5.0	2.5	0.8	0.1	0.0	0.8	0.0	0.1	0.8	2.5



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	8.1	4.9	2.4	1.0	0.3	0.0	0.8	0.0	0.3	1.0	2.4
115°	8.1	5.0	2.4	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.4
117.5°	8.2	5.0	2.5	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.5
120°	8.0	5.1	2.5	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.5
122.5°	7.8	4.7	2.2	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.2
125°	7.7	4.7	2.4	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.4
127.5°	7.8	5.0	2.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.7
130°	7.7	5.0	2.8	1.2	0.3	0.0	0.0	0.0	0.3	1.2	2.8
132.5°	7.2	4.8	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
135°	6.7	4.4	2.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.3
137.5°	6.6	4.1	2.2	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.2
140°	6.4	4.0	2.6	1.5	0.7	0.3	0.0	0.3	0.7	1.5	2.6
142.5°	6.1	4.0	2.6	1.3	0.6	0.3	0.0	0.3	0.6	1.3	2.6
145°	5.3	3.8	2.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.4
147.5°	4.7	3.3	1.9	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.9
150°	4.5	3.0	1.5	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.5
152.5°	4.2	2.7	1.1	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.1
155°	3.7	2.5	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
157.5°	2.9	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
160°	2.1	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
162.5°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
165°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
167.5°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
170°	1.7	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
172.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
175°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
177.5°	0.5	0.4	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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.4	0.5	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.2
5°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2
7.5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0
10°	1.4	1.7	2.0	2.3	2.5	2.8	3.1	3.3	3.9	4.5	5.1
12.5°	1.4	1.7	2.0	2.3	2.7	3.3	4.2	5.0	5.7	6.5	7.2
15°	1.6	1.9	2.2	2.7	3.7	4.6	5.4	6.3	7.1	8.0	8.9
17.5°	1.4	1.7	2.5	3.6	4.8	6.0	7.1	8.3	9.2	10.3	11.4
20°	1.4	2.1	3.3	4.5	5.7	6.9	8.2	9.6	11.1	12.6	14.0
22.5°	1.7	2.9	4.1	5.4	6.6	7.9	9.6	11.4	13.1	14.7	16.3
25°	2.5	3.7	5.0	6.2	7.5	9.4	11.3	13.3	15.1	17.0	18.9
27.5°	2.7	4.2	5.7	7.1	9.3	11.2	13.2	15.2	17.3	19.3	21.4
30°	3.0	4.5	6.0	8.0	10.1	12.2	14.4	17.0	19.4	21.7	23.8
32.5°	3.3	4.7	6.7	8.9	11.2	13.3	15.9	18.5	21.2	23.7	26.4
35°	3.8	5.3	7.6	9.9	12.4	15.0	17.5	20.1	22.9	25.8	28.6
37.5°	4.0	6.1	8.5	11.0	13.7	16.5	19.4	22.2	25.0	27.9	30.8
40°	4.0	6.4	8.7	11.5	14.6	17.6	20.8	23.9	27.0	30.1	33.2
42.5°	4.1	6.6	9.4	12.3	15.4	18.6	21.9	25.4	28.8	31.9	35.3
45°	4.4	6.7	9.6	12.9	16.3	19.8	23.2	26.7	30.3	33.6	37.2
47.5°	4.8	7.2	10.3	13.6	17.3	21.1	24.7	28.4	32.1	35.8	39.3
50°	5.0	7.7	10.7	14.2	18.1	21.9	25.8	29.6	33.3	37.2	41.1
52.5°	5.0	7.8	10.9	14.5	18.6	22.8	26.8	30.8	34.6	38.4	42.3
55°	4.7	7.7	11.2	14.7	19.0	23.5	27.7	32.1	36.0	40.1	43.8
57.5°	4.7	7.8	11.5	15.4	19.4	23.7	28.3	32.7	37.1	41.3	45.4
60°	5.1	8.0	11.7	15.7	19.7	24.2	29.1	33.7	38.2	42.6	46.6
62.5°	5.0	8.2	11.9	15.6	20.0	24.6	29.3	34.4	39.1	43.4	47.8
65°	5.0	8.1	11.8	15.5	20.0	25.0	29.8	34.9	39.9	44.0	48.5
67.5°	4.9	8.1	11.8	15.7	20.1	25.1	30.6	35.8	40.2	44.6	49.2
70°	5.0	8.1	11.3	15.3	20.0	25.3	30.8	36.0	40.5	45.4	50.2
72.5°	4.5	7.5	11.5	15.5	20.2	25.3	30.9	36.3	41.1	46.0	50.7
75°	4.2	7.2	10.7	15.2	20.0	25.6	31.5	36.7	41.1	46.6	51.0
77.5°	4.1	7.2	10.4	14.7	20.0	26.0	31.4	36.5	41.1	46.4	51.3
80°	3.4	6.4	9.9	14.7	20.3	26.1	31.3	36.3	41.4	46.4	51.4
82.5°	2.0	5.7	10.0	14.9	20.8	26.0	30.9	36.0	41.4	46.4	51.3
85°	1.3	5.0	9.5	15.2	20.5	25.4	30.8	35.6	40.7	46.1	51.2
87.5°	0.5	5.3	10.1	14.9	19.8	25.3	31.0	36.0	40.8	45.7	51.3
90°	0.0	4.9	8.9	14.6	19.5	24.4	30.1	35.8	40.6	45.5	51.2
92.5°	0.5	5.3	10.1	14.9	19.8	25.3	31.0	36.0	40.8	45.7	51.3
95°	1.3	5.0	9.5	15.2	20.5	25.4	30.8	35.6	40.7	46.1	51.2
97.5°	2.0	5.7	10.0	14.9	20.8	26.0	30.9	36.0	41.4	46.4	51.3
100°	3.4	6.4	9.9	14.7	20.3	26.1	31.3	36.3	41.4	46.4	51.4
102.5°	4.1	7.2	10.4	14.7	20.0	26.0	31.4	36.5	41.1	46.4	51.3
105°	4.2	7.2	10.7	15.2	20.0	25.6	31.5	36.7	41.1	46.6	51.0
107.5°	4.5	7.5	11.5	15.5	20.2	25.3	30.9	36.3	41.1	46.0	50.7
110°	5.0	8.1	11.3	15.3	20.0	25.3	30.8	36.0	40.5	45.4	50.2



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	4.9	8.1	11.8	15.7	20.1	25.1	30.6	35.8	40.2	44.6	49.2
115°	5.0	8.1	11.8	15.5	20.0	25.0	29.8	34.9	39.9	44.0	48.5
117.5°	5.0	8.2	11.9	15.6	20.0	24.6	29.3	34.4	39.1	43.4	47.8
120°	5.1	8.0	11.7	15.7	19.7	24.2	29.1	33.7	38.2	42.6	46.6
122.5°	4.7	7.8	11.5	15.4	19.4	23.7	28.3	32.7	37.1	41.3	45.4
125°	4.7	7.7	11.2	14.7	19.0	23.5	27.7	32.1	36.0	40.1	43.8
127.5°	5.0	7.8	10.9	14.5	18.6	22.8	26.8	30.8	34.6	38.4	42.3
130°	5.0	7.7	10.7	14.2	18.1	21.9	25.8	29.6	33.3	37.2	41.1
132.5°	4.8	7.2	10.3	13.6	17.3	21.1	24.7	28.4	32.1	35.8	39.3
135°	4.4	6.7	9.6	12.9	16.3	19.8	23.2	26.7	30.3	33.6	37.2
137.5°	4.1	6.6	9.4	12.3	15.4	18.6	21.9	25.4	28.8	31.9	35.3
140°	4.0	6.4	8.7	11.5	14.6	17.6	20.8	23.9	27.0	30.1	33.2
142.5°	4.0	6.1	8.5	11.0	13.7	16.5	19.4	22.2	25.0	27.9	30.8
145°	3.8	5.3	7.6	9.9	12.4	15.0	17.5	20.1	22.9	25.8	28.6
147.5°	3.3	4.7	6.7	8.9	11.2	13.3	15.9	18.5	21.2	23.7	26.4
150°	3.0	4.5	6.0	8.0	10.1	12.2	14.4	17.0	19.4	21.7	23.8
152.5°	2.7	4.2	5.7	7.1	9.3	11.2	13.2	15.2	17.3	19.3	21.4
155°	2.5	3.7	5.0	6.2	7.5	9.4	11.3	13.3	15.1	17.0	18.9
157.5°	1.7	2.9	4.1	5.4	6.6	7.9	9.6	11.4	13.1	14.7	16.3
160°	1.4	2.1	3.3	4.5	5.7	6.9	8.2	9.6	11.1	12.6	14.0
162.5°	1.4	1.7	2.5	3.6	4.8	6.0	7.1	8.3	9.2	10.3	11.4
165°	1.6	1.9	2.2	2.7	3.7	4.6	5.4	6.3	7.1	8.0	8.9
167.5°	1.4	1.7	2.0	2.3	2.7	3.3	4.2	5.0	5.7	6.5	7.2
170°	1.4	1.7	2.0	2.3	2.5	2.8	3.1	3.3	3.9	4.5	5.1
172.5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0
175°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2
177.5°	0.4	0.5	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.2
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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9
5°	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.6	3.7
7.5°	3.2	3.3	3.8	4.2	4.6	5.0	5.4	5.8	6.1	6.5	6.8
10°	5.7	6.2	6.7	7.2	7.7	8.1	8.5	8.9	9.3	9.7	10.2
12.5°	7.9	8.6	9.3	10.0	10.7	11.4	12.0	12.7	13.3	13.9	14.5
15°	9.8	10.8	11.8	12.9	13.9	14.9	15.9	16.9	17.8	18.6	19.4
17.5°	12.6	13.7	14.9	16.0	17.2	18.3	19.3	20.5	21.8	22.9	24.0
20°	15.4	16.7	18.0	19.2	20.7	22.0	23.4	24.7	26.1	27.3	28.5
22.5°	17.9	19.5	21.2	22.9	24.5	26.0	27.4	28.9	30.5	32.0	33.2
25°	20.7	22.5	24.3	26.2	28.1	30.0	31.6	33.2	34.8	36.3	37.7
27.5°	23.5	25.6	27.5	29.5	31.4	33.5	35.6	37.4	39.3	41.1	42.5
30°	25.9	28.3	30.7	32.9	35.1	37.2	39.4	41.5	43.5	45.4	47.2
32.5°	28.8	31.1	33.6	36.0	38.4	40.8	43.3	45.5	47.7	49.7	51.6
35°	31.3	33.9	36.6	39.2	41.8	44.2	46.8	49.4	51.6	53.7	55.7
37.5°	33.7	36.7	39.7	42.6	45.2	47.6	50.2	52.7	55.1	57.4	59.8
40°	36.4	39.3	42.3	45.5	48.3	50.9	53.5	56.4	58.8	61.2	63.5
42.5°	38.7	41.9	45.0	48.2	51.3	54.2	56.8	59.6	62.4	65.1	67.5
45°	40.7	44.2	47.5	50.8	54.0	57.1	60.0	63.0	65.8	68.5	71.1
47.5°	42.9	46.3	49.8	53.5	56.8	59.8	62.8	65.9	68.9	71.7	74.4
50°	44.8	48.5	51.9	55.6	59.0	62.3	65.4	68.6	71.9	74.7	77.5
52.5°	46.3	50.3	54.0	57.7	61.1	64.5	67.9	71.2	74.3	77.4	80.5
55°	47.9	51.9	55.9	59.7	63.4	66.6	70.1	73.7	76.9	79.8	83.2
57.5°	49.6	53.5	57.4	61.3	65.5	68.9	72.4	76.0	79.6	82.4	85.7
60°	50.7	55.1	58.9	62.8	66.9	70.7	74.8	78.3	81.7	84.8	87.9
62.5°	51.8	56.2	60.3	64.3	68.6	72.2	76.4	80.0	83.5	86.8	90.2
65°	52.9	57.3	61.6	65.7	70.0	73.9	77.8	81.7	85.3	88.7	92.1
67.5°	53.8	58.2	62.6	67.0	71.3	75.4	79.4	83.1	87.2	90.6	94.0
70°	54.7	59.2	63.8	68.2	72.5	76.8	81.0	84.4	88.4	91.8	95.5
72.5°	55.5	59.9	64.8	69.0	73.5	77.8	82.0	85.6	89.4	93.1	96.7
75°	56.0	60.3	65.1	69.5	74.1	78.6	82.8	86.7	90.4	94.1	97.8
77.5°	56.2	60.9	65.4	70.0	74.5	79.0	83.6	87.7	91.4	94.9	98.8
80°	56.4	61.2	65.8	70.3	75.0	79.2	83.7	88.1	92.0	95.4	99.4
82.5°	56.2	61.0	65.9	70.7	75.5	79.5	83.7	88.5	92.4	95.8	99.8
85°	56.2	61.0	65.9	70.8	75.7	79.7	83.8	88.7	92.7	96.0	100.0
87.5°	56.2	61.0	65.9	70.7	75.5	79.5	83.7	88.5	92.4	95.8	99.8
90°	56.1	61.0	65.8	70.7	75.6	79.7	84.5	88.6	92.7	96.7	100.0
92.5°	56.2	61.1	65.9	70.8	75.7	79.8	84.1	88.7	92.7	96.3	100.0
95°	56.2	61.0	65.9	70.8	75.7	79.7	83.8	88.7	92.7	96.0	100.0
97.5°	56.2	61.0	65.9	70.7	75.5	79.5	83.7	88.5	92.4	95.8	99.8
100°	56.4	61.2	65.8	70.3	75.0	79.2	83.7	88.1	92.0	95.4	99.4
102.5°	56.2	60.9	65.4	70.0	74.5	79.0	83.6	87.7	91.4	94.9	98.8
105°	56.0	60.3	65.1	69.5	74.1	78.6	82.8	86.7	90.4	94.1	97.8
107.5°	55.5	59.9	64.8	69.0	73.5	77.8	82.0	85.6	89.4	93.1	96.7
110°	54.7	59.2	63.8	68.2	72.5	76.8	81.0	84.4	88.4	91.8	95.5



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	53.8	58.2	62.6	67.0	71.3	75.4	79.4	83.1	87.2	90.6	94.0
115°	52.9	57.3	61.6	65.7	70.0	73.9	77.8	81.7	85.3	88.7	92.1
117.5°	51.8	56.2	60.3	64.3	68.6	72.2	76.4	80.0	83.5	86.8	90.2
120°	50.7	55.1	58.9	62.8	66.9	70.7	74.8	78.3	81.7	84.8	87.9
122.5°	49.6	53.5	57.4	61.3	65.5	68.9	72.4	76.0	79.6	82.4	85.7
125°	47.9	51.9	55.9	59.7	63.4	66.6	70.1	73.7	76.9	79.8	83.2
127.5°	46.3	50.3	54.0	57.7	61.1	64.5	67.9	71.2	74.3	77.4	80.5
130°	44.8	48.5	51.9	55.6	59.0	62.3	65.4	68.6	71.9	74.7	77.5
132.5°	42.9	46.3	49.8	53.5	56.8	59.8	62.8	65.9	68.9	71.7	74.4
135°	40.7	44.2	47.5	50.8	54.0	57.1	60.0	63.0	65.8	68.5	71.1
137.5°	38.7	41.9	45.0	48.2	51.3	54.2	56.8	59.6	62.4	65.1	67.5
140°	36.4	39.3	42.3	45.5	48.3	50.9	53.5	56.4	58.8	61.2	63.5
142.5°	33.7	36.7	39.7	42.6	45.2	47.6	50.2	52.7	55.1	57.4	59.8
145°	31.3	33.9	36.6	39.2	41.8	44.2	46.8	49.4	51.6	53.7	55.7
147.5°	28.8	31.1	33.6	36.0	38.4	40.8	43.3	45.5	47.7	49.7	51.6
150°	25.9	28.3	30.7	32.9	35.1	37.2	39.4	41.5	43.5	45.4	47.2
152.5°	23.5	25.6	27.5	29.5	31.4	33.5	35.6	37.4	39.3	41.1	42.5
155°	20.7	22.5	24.3	26.2	28.1	30.0	31.6	33.2	34.8	36.3	37.7
157.5°	17.9	19.5	21.2	22.9	24.5	26.0	27.4	28.9	30.5	32.0	33.2
160°	15.4	16.7	18.0	19.2	20.7	22.0	23.4	24.7	26.1	27.3	28.5
162.5°	12.6	13.7	14.9	16.0	17.2	18.3	19.3	20.5	21.8	22.9	24.0
165°	9.8	10.8	11.8	12.9	13.9	14.9	15.9	16.9	17.8	18.6	19.4
167.5°	7.9	8.6	9.3	10.0	10.7	11.4	12.0	12.7	13.3	13.9	14.5
170°	5.7	6.2	6.7	7.2	7.7	8.1	8.5	8.9	9.3	9.7	10.2
172.5°	3.2	3.3	3.8	4.2	4.6	5.0	5.4	5.8	6.1	6.5	6.8
175°	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.6	3.7
177.5°	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8	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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3
5°	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.5
7.5°	7.1	7.4	7.7	7.9	8.1	8.3	8.5	8.7	8.8	9.0	9.6
10°	10.6	11.0	11.3	11.7	12.0	12.4	12.8	13.2	13.5	13.8	14.6
12.5°	15.1	15.7	16.2	16.7	17.2	17.7	18.1	18.5	18.8	19.1	20.1
15°	20.1	20.8	21.5	22.1	22.6	23.1	23.5	23.9	24.2	24.4	25.6
17.5°	24.9	25.8	26.6	27.4	28.0	28.5	29.1	29.6	30.1	30.5	31.9
20°	29.5	30.6	31.6	32.7	33.4	34.0	34.5	35.3	36.0	36.6	38.2
22.5°	34.3	35.4	36.6	37.8	38.8	39.5	40.1	40.8	41.6	42.3	44.3
25°	39.1	40.4	41.7	43.0	44.2	45.0	45.7	46.4	47.2	48.0	50.3
27.5°	43.8	45.3	46.8	48.1	49.2	50.2	51.1	51.9	52.8	53.7	56.2
30°	48.7	50.3	51.9	53.4	54.4	55.3	56.4	57.5	58.4	59.3	62.1
32.5°	53.3	55.0	56.6	58.1	59.3	60.4	61.5	62.7	63.7	64.6	67.4
35°	57.6	59.3	61.0	62.5	64.0	65.3	66.6	67.8	68.9	69.9	72.7
37.5°	61.8	63.6	65.4	67.0	68.6	70.0	71.3	72.6	73.7	74.8	77.9
40°	65.7	67.9	69.8	71.5	73.1	74.7	76.0	77.3	78.6	79.7	83.2
42.5°	69.5	71.9	73.9	75.8	77.4	79.0	80.4	81.7	83.0	84.2	87.9
45°	73.1	75.3	77.7	79.8	81.6	83.2	84.7	86.1	87.4	88.6	92.6
47.5°	76.7	78.8	81.2	83.6	85.6	87.1	88.7	90.1	91.4	92.7	96.8
50°	80.0	82.3	84.8	87.2	89.4	91.0	92.6	94.1	95.4	96.7	101.0
52.5°	83.1	85.6	88.0	90.4	92.7	94.5	96.0	97.3	98.7	100.4	104.8
55°	85.9	88.4	90.9	93.3	95.7	97.9	99.3	100.4	102.0	104.0	108.6
57.5°	88.6	91.1	93.7	96.3	98.6	100.8	102.3	103.6	105.2	107.3	112.0
60°	91.0	93.6	96.8	99.2	101.7	103.6	105.2	106.8	108.4	110.5	115.4
62.5°	93.4	95.9	99.0	101.7	104.1	106.2	107.9	109.3	111.2	113.4	118.0
65°	95.4	98.1	101.1	103.9	106.3	108.7	110.5	111.7	114.0	116.2	120.6
67.5°	97.3	100.1	103.0	105.8	108.2	110.5	112.4	114.0	116.0	118.3	123.1
70°	99.0	101.9	104.7	107.7	110.1	112.4	114.1	116.3	117.9	120.3	125.6
72.5°	100.3	103.3	106.1	109.0	111.7	113.9	115.7	118.0	119.6	121.9	127.7
75°	101.3	104.4	107.5	110.1	113.2	115.5	117.2	119.6	121.2	123.5	130.0
77.5°	102.0	105.2	108.4	111.2	114.0	116.3	118.3	120.4	122.0	124.8	130.4
80°	102.6	105.9	109.1	112.3	114.7	117.1	119.5	121.1	122.7	126.0	130.9
82.5°	103.0	106.6	109.4	112.7	115.1	117.9	119.9	121.9	123.6	126.4	131.7
85°	103.3	107.3	109.8	113.0	115.4	118.7	120.3	122.7	124.4	126.8	132.5
87.5°	103.2	107.3	110.1	113.4	115.8	118.7	120.7	122.7	124.4	127.2	132.5
90°	103.2	107.3	110.5	113.8	116.2	118.7	121.1	122.7	124.4	127.6	132.5
92.5°	103.2	107.3	110.1	113.4	115.8	118.7	120.7	122.7	124.4	127.2	132.5
95°	103.3	107.3	109.8	113.0	115.4	118.7	120.3	122.7	124.4	126.8	132.5
97.5°	103.0	106.6	109.4	112.7	115.1	117.9	119.9	121.9	123.6	126.4	131.7
100°	102.6	105.9	109.1	112.3	114.7	117.1	119.5	121.1	122.7	126.0	130.9
102.5°	102.0	105.2	108.4	111.2	114.0	116.3	118.3	120.4	122.0	124.8	130.4
105°	101.3	104.4	107.5	110.1	113.2	115.5	117.2	119.6	121.2	123.5	130.0
107.5°	100.3	103.3	106.1	109.0	111.7	113.9	115.7	118.0	119.6	121.9	127.7
110°	99.0	101.9	104.7	107.7	110.1	112.4	114.1	116.3	117.9	120.3	125.6



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	97.3	100.1	103.0	105.8	108.2	110.5	112.4	114.0	116.0	118.3	123.1
115°	95.4	98.1	101.1	103.9	106.3	108.7	110.5	111.7	114.0	116.2	120.6
117.5°	93.4	95.9	99.0	101.7	104.1	106.2	107.9	109.3	111.2	113.4	118.0
120°	91.0	93.6	96.8	99.2	101.7	103.6	105.2	106.8	108.4	110.5	115.4
122.5°	88.6	91.1	93.7	96.3	98.6	100.8	102.3	103.6	105.2	107.3	112.0
125°	85.9	88.4	90.9	93.3	95.7	97.9	99.3	100.4	102.0	104.0	108.6
127.5°	83.1	85.6	88.0	90.4	92.7	94.5	96.0	97.3	98.7	100.4	104.8
130°	80.0	82.3	84.8	87.2	89.4	91.0	92.6	94.1	95.4	96.7	101.0
132.5°	76.7	78.8	81.2	83.6	85.6	87.1	88.7	90.1	91.4	92.7	96.8
135°	73.1	75.3	77.7	79.8	81.6	83.2	84.7	86.1	87.4	88.6	92.6
137.5°	69.5	71.9	73.9	75.8	77.4	79.0	80.4	81.7	83.0	84.2	87.9
140°	65.7	67.9	69.8	71.5	73.1	74.7	76.0	77.3	78.6	79.7	83.2
142.5°	61.8	63.6	65.4	67.0	68.6	70.0	71.3	72.6	73.7	74.8	77.9
145°	57.6	59.3	61.0	62.5	64.0	65.3	66.6	67.8	68.9	69.9	72.7
147.5°	53.3	55.0	56.6	58.1	59.3	60.4	61.5	62.7	63.7	64.6	67.4
150°	48.7	50.3	51.9	53.4	54.4	55.3	56.4	57.5	58.4	59.3	62.1
152.5°	43.8	45.3	46.8	48.1	49.2	50.2	51.1	51.9	52.8	53.7	56.2
155°	39.1	40.4	41.7	43.0	44.2	45.0	45.7	46.4	47.2	48.0	50.3
157.5°	34.3	35.4	36.6	37.8	38.8	39.5	40.1	40.8	41.6	42.3	44.3
160°	29.5	30.6	31.6	32.7	33.4	34.0	34.5	35.3	36.0	36.6	38.2
162.5°	24.9	25.8	26.6	27.4	28.0	28.5	29.1	29.6	30.1	30.5	31.9
165°	20.1	20.8	21.5	22.1	22.6	23.1	23.5	23.9	24.2	24.4	25.6
167.5°	15.1	15.7	16.2	16.7	17.2	17.7	18.1	18.5	18.8	19.1	20.1
170°	10.6	11.0	11.3	11.7	12.0	12.4	12.8	13.2	13.5	13.8	14.6
172.5°	7.1	7.4	7.7	7.9	8.1	8.3	8.5	8.7	8.8	9.0	9.6
175°	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.5
177.5°	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3
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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	3.9	4.1	4.2
5°	4.9	5.3	5.7	6.1	6.4	6.8	7.1	7.5	7.8	8.1	8.4
7.5°	10.2	10.7	11.2	11.7	12.2	12.6	13.2	14.3	15.4	16.4	17.4
10°	15.4	16.2	16.9	17.6	18.4	19.9	21.4	22.9	24.2	25.6	26.9
12.5°	21.1	22.1	22.9	24.2	26.2	28.2	30.0	31.8	33.9	36.3	38.7
15°	26.8	27.9	29.2	31.8	34.3	36.7	39.1	42.2	45.2	48.0	51.2
17.5°	33.3	34.6	36.9	39.7	42.4	45.4	49.3	52.9	56.4	60.4	64.5
20°	39.8	41.3	44.4	47.3	50.4	55.2	59.8	64.2	68.8	73.3	77.8
22.5°	46.1	48.6	52.1	55.4	60.3	65.6	70.7	75.8	80.7	85.6	91.5
25°	52.5	55.9	60.0	64.4	70.2	76.0	81.9	87.7	93.4	99.7	105.9
27.5°	58.7	62.9	67.4	73.0	79.2	85.7	92.7	99.4	106.3	112.8	119.9
30°	64.8	69.8	74.7	81.0	87.7	95.3	103.0	111.0	118.7	126.3	133.9
32.5°	70.5	75.9	81.7	88.7	96.3	105.0	113.8	122.8	131.3	139.1	147.1
35°	76.1	81.9	88.7	96.5	105.4	115.1	124.3	133.7	142.6	151.4	160.4
37.5°	82.1	88.2	96.0	104.4	114.3	124.2	134.3	144.4	154.8	164.3	174.1
40°	88.1	94.6	103.2	112.5	122.8	133.3	143.9	154.5	165.4	176.4	186.6
42.5°	93.2	99.9	109.4	119.7	130.6	142.0	153.3	164.6	176.1	187.5	198.4
45°	98.1	105.3	115.4	126.4	138.3	150.9	162.6	174.6	187.0	198.7	210.2
47.5°	103.0	111.0	121.2	133.1	145.9	159.1	171.2	184.7	197.7	210.4	221.6
50°	107.8	116.7	127.1	139.7	153.1	166.3	178.8	193.3	206.7	219.5	232.1
52.5°	111.9	121.3	132.6	145.5	159.9	173.2	186.7	201.6	215.2	228.6	241.7
55°	115.8	125.8	137.9	151.2	166.5	180.0	194.5	209.5	223.9	237.7	251.4
57.5°	119.5	130.2	142.8	156.8	172.5	186.6	201.7	217.2	232.3	246.7	261.3
60°	123.2	134.4	147.6	162.2	177.9	193.2	208.3	224.3	239.5	254.5	269.1
62.5°	126.4	138.2	151.7	166.7	182.9	198.7	214.3	231.0	246.1	261.7	276.6
65°	129.6	142.0	155.5	171.0	187.3	203.5	220.0	236.8	251.9	268.1	283.3
67.5°	132.1	144.8	159.0	174.8	191.1	207.9	225.1	242.0	257.6	274.0	289.0
70°	134.5	147.6	162.4	178.1	194.6	212.0	229.6	246.6	263.2	279.2	294.2
72.5°	136.4	149.9	164.4	181.1	198.1	215.8	233.2	250.9	267.9	283.8	298.9
75°	138.3	152.0	166.1	184.1	201.5	219.2	236.2	254.5	271.4	287.4	303.2
77.5°	139.7	153.4	167.9	186.1	203.4	221.9	239.1	257.5	274.1	290.5	306.9
80°	141.4	154.5	169.7	187.9	204.8	224.3	242.0	259.7	276.0	293.1	309.4
82.5°	142.2	155.6	171.8	189.0	206.6	225.9	243.1	261.6	278.1	295.4	311.5
85°	143.0	156.0	173.1	190.2	208.8	227.6	243.9	264.0	280.3	297.3	313.4
87.5°	142.6	156.4	172.3	190.2	208.5	228.0	244.2	263.4	280.8	298.3	313.8
90°	142.2	156.9	171.5	190.2	208.1	228.4	244.6	262.5	280.4	298.3	312.9
92.5°	142.6	156.4	172.3	190.2	208.5	228.0	244.2	263.4	280.8	298.3	313.8
95°	143.0	156.0	173.1	190.2	208.8	227.6	243.9	264.0	280.3	297.3	313.4
97.5°	142.2	155.6	171.8	189.0	206.6	225.9	243.1	261.6	278.1	295.4	311.5
100°	141.4	154.5	169.7	187.9	204.8	224.3	242.0	259.7	276.0	293.1	309.4
102.5°	139.7	153.4	167.9	186.1	203.4	221.9	239.1	257.5	274.1	290.5	306.9
105°	138.3	152.0	166.1	184.1	201.5	219.2	236.2	254.5	271.4	287.4	303.2
107.5°	136.4	149.9	164.4	181.1	198.1	215.8	233.2	250.9	267.9	283.8	298.9
110°	134.5	147.6	162.4	178.1	194.6	212.0	229.6	246.6	263.2	279.2	294.2



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	132.1	144.8	159.0	174.8	191.1	207.9	225.1	242.0	257.6	274.0	289.0
115°	129.6	142.0	155.5	171.0	187.3	203.5	220.0	236.8	251.9	268.1	283.3
117.5°	126.4	138.2	151.7	166.7	182.9	198.7	214.3	231.0	246.1	261.7	276.6
120°	123.2	134.4	147.6	162.2	177.9	193.2	208.3	224.3	239.5	254.5	269.1
122.5°	119.5	130.2	142.8	156.8	172.5	186.6	201.7	217.2	232.3	246.7	261.3
125°	115.8	125.8	137.9	151.2	166.5	180.0	194.5	209.5	223.9	237.7	251.4
127.5°	111.9	121.3	132.6	145.5	159.9	173.2	186.7	201.6	215.2	228.6	241.7
130°	107.8	116.7	127.1	139.7	153.1	166.3	178.8	193.3	206.7	219.5	232.1
132.5°	103.0	111.0	121.2	133.1	145.9	159.1	171.2	184.7	197.7	210.4	221.6
135°	98.1	105.3	115.4	126.4	138.3	150.9	162.6	174.6	187.0	198.7	210.2
137.5°	93.2	99.9	109.4	119.7	130.6	142.0	153.3	164.6	176.1	187.5	198.4
140°	88.1	94.6	103.2	112.5	122.8	133.3	143.9	154.5	165.4	176.4	186.6
142.5°	82.1	88.2	96.0	104.4	114.3	124.2	134.3	144.4	154.8	164.3	174.1
145°	76.1	81.9	88.7	96.5	105.4	115.1	124.3	133.7	142.6	151.4	160.4
147.5°	70.5	75.9	81.7	88.7	96.3	105.0	113.8	122.8	131.3	139.1	147.1
150°	64.8	69.8	74.7	81.0	87.7	95.3	103.0	111.0	118.7	126.3	133.9
152.5°	58.7	62.9	67.4	73.0	79.2	85.7	92.7	99.4	106.3	112.8	119.9
155°	52.5	55.9	60.0	64.4	70.2	76.0	81.9	87.7	93.4	99.7	105.9
157.5°	46.1	48.6	52.1	55.4	60.3	65.6	70.7	75.8	80.7	85.6	91.5
160°	39.8	41.3	44.4	47.3	50.4	55.2	59.8	64.2	68.8	73.3	77.8
162.5°	33.3	34.6	36.9	39.7	42.4	45.4	49.3	52.9	56.4	60.4	64.5
165°	26.8	27.9	29.2	31.8	34.3	36.7	39.1	42.2	45.2	48.0	51.2
167.5°	21.1	22.1	22.9	24.2	26.2	28.2	30.0	31.8	33.9	36.3	38.7
170°	15.4	16.2	16.9	17.6	18.4	19.9	21.4	22.9	24.2	25.6	26.9
172.5°	10.2	10.7	11.2	11.7	12.2	12.6	13.2	14.3	15.4	16.4	17.4
175°	4.9	5.3	5.7	6.1	6.4	6.8	7.1	7.5	7.8	8.1	8.4
177.5°	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	3.9	4.1	4.2
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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.2
5°	9.1	9.8	10.5	11.1	11.7	12.2	12.7	13.2	13.6	14.0	14.3
7.5°	18.3	19.2	20.0	20.8	21.6	22.6	23.4	24.4	25.4	26.2	27.0
10°	28.7	30.4	32.1	33.6	35.0	36.4	37.6	38.8	40.2	41.4	42.6
12.5°	40.9	43.1	45.1	47.4	49.6	51.7	53.6	55.5	57.2	58.9	60.5
15°	54.0	57.2	60.0	62.7	65.2	67.9	70.5	73.0	75.4	77.6	79.4
17.5°	68.5	72.7	75.7	79.0	82.2	85.4	88.4	91.2	93.7	95.8	97.9
20°	82.4	86.9	91.0	94.8	98.8	102.8	106.3	109.6	112.6	115.5	118.0
22.5°	97.1	102.3	107.1	111.7	116.4	120.7	124.8	128.6	132.2	135.5	138.5
25°	111.9	117.5	123.4	128.2	133.5	138.4	143.1	147.5	151.7	155.5	158.6
27.5°	126.7	133.1	139.2	145.1	150.6	155.7	161.5	165.8	170.4	174.3	177.7
30°	141.3	148.5	155.2	161.5	167.5	173.3	179.1	184.6	188.9	192.9	197.0
32.5°	155.1	163.0	170.6	177.7	184.3	190.6	196.5	201.9	206.8	211.4	215.8
35°	169.1	177.7	186.0	193.8	200.9	207.5	213.7	219.6	225.3	230.1	234.1
37.5°	183.1	192.2	201.3	209.7	217.1	224.0	230.7	237.0	242.3	247.9	251.7
40°	196.4	206.6	215.8	224.0	232.0	239.8	246.7	252.8	258.8	264.3	269.1
42.5°	209.3	219.8	229.0	237.7	246.3	254.2	261.6	268.9	276.3	281.0	286.2
45°	221.6	231.8	241.8	251.6	260.3	268.6	276.8	284.3	290.5	296.4	301.1
47.5°	232.9	243.6	254.9	265.0	273.6	282.4	290.8	297.7	304.8	311.1	316.5
50°	243.9	255.3	266.5	276.5	286.2	295.5	303.9	311.6	319.8	325.5	331.2
52.5°	254.3	266.5	277.5	288.1	299.0	307.9	316.5	325.0	331.9	338.6	344.9
55°	264.7	277.3	288.9	299.2	309.7	319.6	328.2	336.4	344.1	351.4	357.6
57.5°	274.1	286.5	298.2	309.5	320.1	329.8	339.1	347.9	355.8	362.9	369.2
60°	282.6	295.1	307.3	318.8	329.6	339.7	349.4	358.3	366.4	373.8	380.1
62.5°	290.2	302.9	315.7	327.6	338.8	349.3	359.1	368.2	376.0	383.3	390.5
65°	297.0	310.4	323.1	335.2	347.1	358.1	367.9	376.8	384.8	392.3	400.0
67.5°	303.1	316.7	329.7	342.6	354.6	365.5	375.5	384.5	393.0	401.1	408.5
70°	308.7	322.6	336.1	349.5	361.0	372.0	382.1	391.2	400.0	408.7	416.7
72.5°	313.8	328.3	342.2	355.6	366.7	378.5	388.5	398.0	406.9	415.3	423.2
75°	318.4	332.9	347.1	360.4	372.0	383.4	393.7	404.0	412.8	421.0	429.1
77.5°	322.2	336.6	350.2	363.7	375.8	387.1	398.0	408.4	417.7	426.4	433.8
80°	324.2	339.0	353.3	366.6	378.7	390.3	400.9	411.4	421.2	429.9	437.6
82.5°	326.1	341.0	356.2	368.6	381.2	393.2	403.3	413.6	423.4	432.6	440.7
85°	328.1	342.7	358.0	370.3	382.6	394.3	405.0	415.4	424.8	434.2	442.6
87.5°	328.9	343.8	358.9	371.4	383.3	395.2	406.4	416.9	425.9	434.9	443.0
90°	328.4	343.8	358.4	371.4	382.8	395.8	406.4	416.9	425.9	435.6	443.0
92.5°	328.9	343.8	358.9	371.4	383.3	395.2	406.4	416.9	425.9	434.9	443.0
95°	328.1	342.7	358.0	370.3	382.6	394.3	405.0	415.4	424.8	434.2	442.6
97.5°	326.1	341.0	356.2	368.6	381.2	393.2	403.3	413.6	423.4	432.6	440.7
100°	324.2	339.0	353.3	366.6	378.7	390.3	400.9	411.4	421.2	429.9	437.6
102.5°	322.2	336.6	350.2	363.7	375.8	387.1	398.0	408.4	417.7	426.4	433.8
105°	318.4	332.9	347.1	360.4	372.0	383.4	393.7	404.0	412.8	421.0	429.1
107.5°	313.8	328.3	342.2	355.6	366.7	378.5	388.5	398.0	406.9	415.3	423.2
110°	308.7	322.6	336.1	349.5	361.0	372.0	382.1	391.2	400.0	408.7	416.7



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-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°	303.1	316.7	329.7	342.6	354.6	365.5	375.5	384.5	393.0	401.1	408.5
115°	297.0	310.4	323.1	335.2	347.1	358.1	367.9	376.8	384.8	392.3	400.0
117.5°	290.2	302.9	315.7	327.6	338.8	349.3	359.1	368.2	376.0	383.3	390.5
120°	282.6	295.1	307.3	318.8	329.6	339.7	349.4	358.3	366.4	373.8	380.1
122.5°	274.1	286.5	298.2	309.5	320.1	329.8	339.1	347.9	355.8	362.9	369.2
125°	264.7	277.3	288.9	299.2	309.7	319.6	328.2	336.4	344.1	351.4	357.6
127.5°	254.3	266.5	277.5	288.1	299.0	307.9	316.5	325.0	331.9	338.6	344.9
130°	243.9	255.3	266.5	276.5	286.2	295.5	303.9	311.6	319.8	325.5	331.2
132.5°	232.9	243.6	254.9	265.0	273.6	282.4	290.8	297.7	304.8	311.1	316.5
135°	221.6	231.8	241.8	251.6	260.3	268.6	276.8	284.3	290.5	296.4	301.1
137.5°	209.3	219.8	229.0	237.7	246.3	254.2	261.6	268.9	276.3	281.0	286.2
140°	196.4	206.6	215.8	224.0	232.0	239.8	246.7	252.8	258.8	264.3	269.1
142.5°	183.1	192.2	201.3	209.7	217.1	224.0	230.7	237.0	242.3	247.9	251.7
145°	169.1	177.7	186.0	193.8	200.9	207.5	213.7	219.6	225.3	230.1	234.1
147.5°	155.1	163.0	170.6	177.7	184.3	190.6	196.5	201.9	206.8	211.4	215.8
150°	141.3	148.5	155.2	161.5	167.5	173.3	179.1	184.6	188.9	192.9	197.0
152.5°	126.7	133.1	139.2	145.1	150.6	155.7	161.5	165.8	170.4	174.3	177.7
155°	111.9	117.5	123.4	128.2	133.5	138.4	143.1	147.5	151.7	155.5	158.6
157.5°	97.1	102.3	107.1	111.7	116.4	120.7	124.8	128.6	132.2	135.5	138.5
160°	82.4	86.9	91.0	94.8	98.8	102.8	106.3	109.6	112.6	115.5	118.0
162.5°	68.5	72.7	75.7	79.0	82.2	85.4	88.4	91.2	93.7	95.8	97.9
165°	54.0	57.2	60.0	62.7	65.2	67.9	70.5	73.0	75.4	77.6	79.4
167.5°	40.9	43.1	45.1	47.4	49.6	51.7	53.6	55.5	57.2	58.9	60.5
170°	28.7	30.4	32.1	33.6	35.0	36.4	37.6	38.8	40.2	41.4	42.6
172.5°	18.3	19.2	20.0	20.8	21.6	22.6	23.4	24.4	25.4	26.2	27.0
175°	9.1	9.8	10.5	11.1	11.7	12.2	12.7	13.2	13.6	14.0	14.3
177.5°	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.2
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: P232033

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.4	5.3	5.2	5.2	5.1
5°	14.6	14.9	15.1	15.2	15.3	15.4	15.4	15.4	15.6	15.3	15.1
7.5°	27.7	28.4	28.9	29.4	29.8	30.2	30.4	30.6	30.7	31.0	30.7
10°	43.5	44.7	45.8	46.8	47.6	48.2	48.7	49.1	49.3	50.1	49.6
12.5°	61.9	63.1	64.1	64.9	65.9	66.8	67.4	67.9	68.2	68.3	68.6
15°	81.1	82.6	83.9	85.1	86.1	87.1	87.9	88.5	88.9	89.0	89.3
17.5°	100.1	102.2	103.9	105.3	106.4	107.2	108.0	109.1	110.1	110.8	111.8
20°	120.3	122.4	124.4	126.0	127.3	128.2	128.8	129.6	130.4	130.8	131.5
22.5°	141.2	143.4	145.3	147.0	148.4	149.5	150.3	150.7	151.4	152.0	152.9
25°	161.3	163.7	165.8	167.5	169.2	170.6	171.6	172.2	172.8	173.7	174.2
27.5°	180.7	183.5	185.9	187.9	189.3	191.0	192.1	192.9	193.2	193.8	193.8
30°	199.8	202.4	205.0	207.3	209.2	210.7	212.0	212.9	213.2	213.7	214.5
32.5°	219.1	222.0	224.6	227.4	229.2	230.4	231.3	232.2	232.5	232.5	233.3
35°	237.8	241.1	244.0	246.6	248.4	249.6	250.4	251.1	251.2	250.7	251.2
37.5°	255.5	258.9	261.9	264.3	266.2	267.9	268.9	269.3	269.3	268.9	269.0
40°	273.1	276.4	279.1	281.9	284.4	285.8	286.4	286.5	286.8	286.9	287.2
42.5°	290.1	293.1	296.2	298.8	300.9	302.1	302.9	303.3	303.5	303.2	302.6
45°	305.2	309.1	312.6	315.2	317.2	319.0	319.1	319.7	319.6	319.2	318.1
47.5°	321.4	325.0	327.9	330.8	332.9	334.3	335.0	335.1	334.7	334.0	333.0
50°	336.2	340.1	343.4	346.5	348.0	349.2	349.8	349.7	349.5	349.3	349.2
52.5°	350.0	354.4	357.5	360.2	362.4	363.9	364.7	364.2	364.0	363.6	363.5
55°	363.2	367.2	370.6	374.0	376.3	377.8	378.2	378.1	377.6	376.2	376.2
57.5°	374.6	379.8	384.2	387.1	389.7	391.2	391.5	391.4	390.8	389.9	389.3
60°	386.2	391.8	395.8	399.2	402.0	403.5	403.9	403.8	402.8	401.8	401.0
62.5°	397.0	401.5	406.1	410.2	413.2	414.8	415.7	415.4	414.0	412.6	411.8
65°	406.0	411.5	416.7	420.4	423.6	425.5	426.1	426.4	424.8	423.6	422.7
67.5°	414.9	420.7	425.7	429.4	432.8	434.8	435.8	436.2	434.9	433.5	432.3
70°	423.0	428.6	433.6	437.3	440.4	442.8	444.5	445.0	443.9	441.8	440.5
72.5°	429.9	435.3	440.4	444.4	447.7	450.3	451.5	452.4	451.1	449.5	448.0
75°	435.8	441.5	446.3	450.4	454.0	456.0	457.4	458.4	458.5	456.6	455.1
77.5°	440.7	446.7	451.5	455.4	458.8	460.9	462.2	463.7	463.8	463.2	461.2
80°	444.5	450.6	455.6	459.4	462.9	465.5	466.2	467.1	467.8	467.6	466.2
82.5°	447.9	453.7	458.4	462.5	465.5	467.7	469.2	470.4	470.3	470.2	470.5
85°	449.3	455.1	459.9	464.7	467.5	469.7	471.0	471.8	471.9	471.7	471.6
87.5°	450.3	455.8	460.6	464.9	467.5	469.4	471.2	472.1	472.1	471.5	471.6
90°	450.3	455.1	460.0	464.9	467.3	469.0	470.6	470.6	470.6	469.8	468.1
92.5°	450.3	455.8	460.6	464.9	467.5	469.4	471.2	472.1	472.1	471.5	471.6
95°	449.3	455.1	459.9	464.7	467.5	469.7	471.0	471.8	471.9	471.7	471.6
97.5°	447.9	453.7	458.4	462.5	465.5	467.7	469.2	470.4	470.3	470.2	470.5
100°	444.5	450.6	455.6	459.4	462.9	465.5	466.2	467.1	467.8	467.6	466.2
102.5°	440.7	446.7	451.5	455.4	458.8	460.9	462.2	463.7	463.8	463.2	461.2
105°	435.8	441.5	446.3	450.4	454.0	456.0	457.4	458.4	458.5	456.6	455.1
107.5°	429.9	435.3	440.4	444.4	447.7	450.3	451.5	452.4	451.1	449.5	448.0
110°	423.0	428.6	433.6	437.3	440.4	442.8	444.5	445.0	443.9	441.8	440.5



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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°	414.9	420.7	425.7	429.4	432.8	434.8	435.8	436.2	434.9	433.5	432.3
115°	406.0	411.5	416.7	420.4	423.6	425.5	426.1	426.4	424.8	423.6	422.7
117.5°	397.0	401.5	406.1	410.2	413.2	414.8	415.7	415.4	414.0	412.6	411.8
120°	386.2	391.8	395.8	399.2	402.0	403.5	403.9	403.8	402.8	401.8	401.0
122.5°	374.6	379.8	384.2	387.1	389.7	391.2	391.5	391.4	390.8	389.9	389.3
125°	363.2	367.2	370.6	374.0	376.3	377.8	378.2	378.1	377.6	376.2	376.2
127.5°	350.0	354.4	357.5	360.2	362.4	363.9	364.7	364.2	364.0	363.6	363.5
130°	336.2	340.1	343.4	346.5	348.0	349.2	349.8	349.7	349.5	349.3	349.2
132.5°	321.4	325.0	327.9	330.8	332.9	334.3	335.0	335.1	334.7	334.0	333.0
135°	305.2	309.1	312.6	315.2	317.2	319.0	319.1	319.7	319.6	319.2	318.1
137.5°	290.1	293.1	296.2	298.8	300.9	302.1	302.9	303.3	303.5	303.2	302.6
140°	273.1	276.4	279.1	281.9	284.4	285.8	286.4	286.5	286.8	286.9	287.2
142.5°	255.5	258.9	261.9	264.3	266.2	267.9	268.9	269.3	269.3	268.9	269.0
145°	237.8	241.1	244.0	246.6	248.4	249.6	250.4	251.1	251.2	250.7	251.2
147.5°	219.1	222.0	224.6	227.4	229.2	230.4	231.3	232.2	232.5	232.5	233.3
150°	199.8	202.4	205.0	207.3	209.2	210.7	212.0	212.9	213.2	213.7	214.5
152.5°	180.7	183.5	185.9	187.9	189.3	191.0	192.1	192.9	193.2	193.8	193.8
155°	161.3	163.7	165.8	167.5	169.2	170.6	171.6	172.2	172.8	173.7	174.2
157.5°	141.2	143.4	145.3	147.0	148.4	149.5	150.3	150.7	151.4	152.0	152.9
160°	120.3	122.4	124.4	126.0	127.3	128.2	128.8	129.6	130.4	130.8	131.5
162.5°	100.1	102.2	103.9	105.3	106.4	107.2	108.0	109.1	110.1	110.8	111.8
165°	81.1	82.6	83.9	85.1	86.1	87.1	87.9	88.5	88.9	89.0	89.3
167.5°	61.9	63.1	64.1	64.9	65.9	66.8	67.4	67.9	68.2	68.3	68.6
170°	43.5	44.7	45.8	46.8	47.6	48.2	48.7	49.1	49.3	50.1	49.6
172.5°	27.7	28.4	28.9	29.4	29.8	30.2	30.4	30.6	30.7	31.0	30.7
175°	14.6	14.9	15.1	15.2	15.3	15.4	15.4	15.4	15.6	15.3	15.1
177.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.4	5.3	5.2	5.2	5.1
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°	0.0	0.0
2.5°	5.0	4.9
5°	14.8	14.6
7.5°	30.4	30.1
10°	49.2	48.8
12.5°	68.0	67.5
15°	88.6	87.8
17.5°	111.6	111.3
20°	130.7	130.0
22.5°	152.0	151.2
25°	174.5	173.9
27.5°	193.7	192.6
30°	215.1	214.6
32.5°	233.8	233.3
35°	251.7	251.1
37.5°	269.6	269.0
40°	288.5	288.5
42.5°	303.1	302.3
45°	320.2	321.0
47.5°	333.6	333.2
50°	350.0	349.5
52.5°	364.1	364.1
55°	377.1	377.1
57.5°	389.3	389.3
60°	401.6	402.3
62.5°	412.4	412.9
65°	423.0	424.3
67.5°	432.1	433.2
70°	440.0	441.3
72.5°	448.0	449.5
75°	453.9	456.0
77.5°	459.6	462.5
80°	464.2	466.5
82.5°	468.2	470.6
85°	471.7	473.0
87.5°	472.7	474.6
90°	468.1	472.2
92.5°	472.7	474.6
95°	471.7	473.0
97.5°	468.2	470.6
100°	464.2	466.5
102.5°	459.6	462.5
105°	453.9	456.0
107.5°	448.0	449.5
110°	440.0	441.3



TEST NUMBER: P232033

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	432.1	433.2
115°	423.0	424.3
117.5°	412.4	412.9
120°	401.6	402.3
122.5°	389.3	389.3
125°	377.1	377.1
127.5°	364.1	364.1
130°	350.0	349.5
132.5°	333.6	333.2
135°	320.2	321.0
137.5°	303.1	302.3
140°	288.5	288.5
142.5°	269.6	269.0
145°	251.7	251.1
147.5°	233.8	233.3
150°	215.1	214.6
152.5°	193.7	192.6
155°	174.5	173.9
157.5°	152.0	151.2
160°	130.7	130.0
162.5°	111.6	111.3
165°	88.6	87.8
167.5°	68.0	67.5
170°	49.2	48.8
172.5°	30.4	30.1
175°	14.8	14.6
177.5°	5.0	4.9
180°	0.0	0.0

(END OF REPORT)