

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: P231891

Luminaire Tested: **FVS4WM-2-LD4-50-1STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231891  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-4)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-2-LD4-50-1STD-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
2FT LENGTH, 1-MODULE LED WITH PFS125 LENS  
Light Source: (42) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

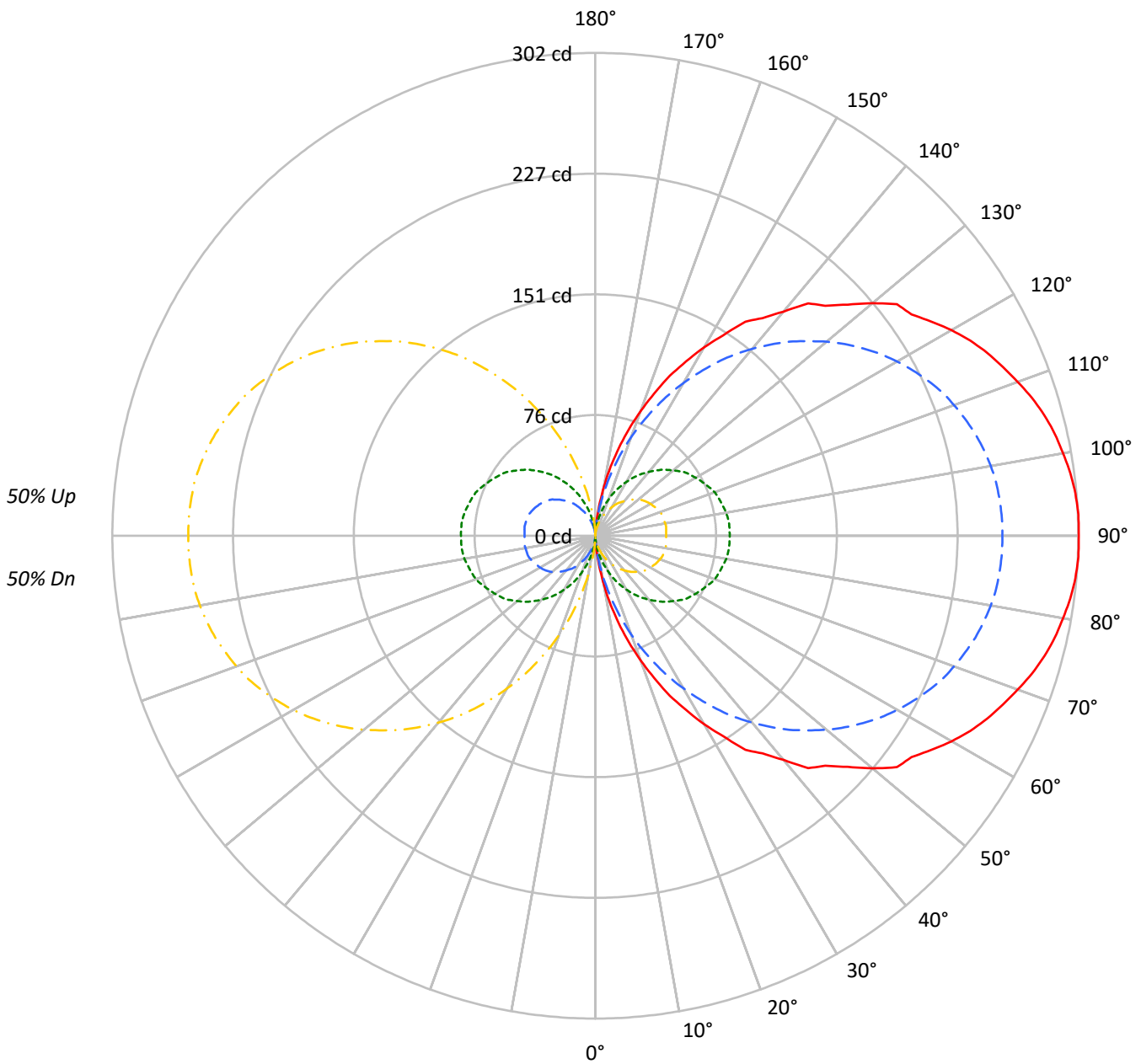
Lumens per Lamp: N/A  
Luminaire Lumens: 1308.6 lumens  
Efficiency: N/A  
Efficacy: 77.0 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 16.99  
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	73	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°	255	104	0	104
10°	726	287	0	287
15°	1213	499	0	499
20°	1649	719	0	719
25°	2055	977	0	977
30°	2399	1230	0	1230
35°	2759	1510	0	1510
40°	2983	1792	0	1792
45°	3229	2123	0	2123
50°	3531	2481	0	2481
55°	3728	2918	0	2918
60°	3964	3387	0	3387
65°	4191	3991	0	3991
70°	4412	4808	0	4808
75°	4661	5849	0	5849
80°	4901	7447	0	7447
85°	5166	10081	0	10081



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	0.7	0.1
10°-20°	7.3	0.6
20°-30°	22.7	1.7
30°-40°	45.2	3.5
40°-50°	71.5	5.5
50°-60°	98.3	7.5
60°-70°	121.8	9.3
70°-80°	139.0	10.6
80°-90°	147.7	11.3
90°-100°	147.7	11.3
100°-110°	139.0	10.6
110°-120°	121.8	9.3
120°-130°	98.3	7.5
130°-140°	71.5	5.5
140°-150°	45.2	3.5
150°-160°	22.7	1.7
160°-170°	7.3	0.6
170°-180°	0.7	0.1
0°-30°	30.7	2.3
0°-40°	75.9	5.8
0°-60°	245.8	18.8
0°-90°	654.3	50.0
90°-120°	408.5	31.2
90°-150°	623.6	47.7
90°-180°	654.0	50.0
0°-180°	1308.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	10	4	0	4	10	2
15°	57	17	0	17	57	17
25°	110	32	0	32	110	52
35°	164	46	0	46	164	102
45°	203	58	0	58	203	159
55°	241	69	0	69	241	218
65°	270	76	0	76	270	268
75°	291	81	0	81	291	307
85°	301	84	0	84	301	245
90°	302	84	0	84	302	166
95°	301	84	0	84	301	245
105°	291	81	0	81	291	307
115°	270	76	0	76	270	268
125°	241	69	0	69	241	218
135°	203	58	0	58	203	159
145°	164	46	0	46	164	102
155°	110	32	0	32	110	52
165°	57	17	0	17	57	17
175°	10	4	0	4	10	2
180°	0	0	0	0	0	



TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-PFS125-UNV-EDC1

**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°	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.6	4.6	4.6	4.6
5°	9.7	9.9	10.0	10.2	10.3	10.2	10.3	10.3	10.3	10.2	10.2
7.5°	19.4	19.6	19.9	20.1	19.9	19.9	19.8	19.7	19.5	19.3	19.0
10°	30.9	31.1	31.4	31.6	31.2	31.0	30.8	30.5	30.1	29.7	29.1
12.5°	44.2	44.5	44.8	44.5	44.3	44.0	43.6	43.1	42.4	41.6	40.9
15°	56.6	56.9	57.3	57.0	56.8	56.5	56.1	55.5	54.9	54.3	53.6
17.5°	69.8	70.2	70.7	70.3	70.0	69.6	69.1	68.5	67.8	67.1	66.1
20°	83.1	83.4	83.7	83.1	82.7	82.2	81.7	81.4	80.9	80.0	78.8
22.5°	96.3	96.9	97.4	96.8	96.5	95.9	95.5	95.0	94.2	93.4	92.4
25°	110.5	110.9	110.7	110.5	109.9	109.7	109.3	108.6	107.6	106.3	105.1
27.5°	122.9	123.3	123.2	123.0	122.5	122.6	122.4	122.0	121.1	120.2	118.8
30°	136.1	136.6	136.5	136.1	135.9	135.7	135.3	134.6	133.7	132.6	131.1
32.5°	148.5	149.1	149.0	148.7	148.7	148.5	148.0	147.3	146.3	145.0	143.3
35°	163.5	163.2	162.1	161.1	161.1	160.8	160.2	159.7	158.9	157.5	155.9
37.5°	171.5	172.2	172.1	172.1	172.2	172.0	171.7	171.0	169.9	168.9	167.5
40°	183.0	183.7	183.6	183.7	183.7	183.4	183.1	182.5	181.5	180.1	178.7
42.5°	197.1	195.9	193.8	194.0	194.2	194.3	194.1	193.5	192.3	190.7	189.2
45°	203.3	204.2	204.2	204.4	204.3	204.4	204.2	203.9	202.5	201.4	200.3
47.5°	213.9	214.4	214.1	214.4	214.4	214.6	214.4	213.6	212.6	211.4	209.6
50°	226.3	225.2	223.8	223.8	224.1	224.6	224.1	223.2	222.5	221.5	219.3
52.5°	237.8	234.9	233.1	233.4	233.8	233.9	233.3	232.4	231.9	230.5	228.4
55°	241.3	242.6	242.3	242.1	242.8	242.6	241.9	241.5	240.6	239.1	236.7
57.5°	249.2	250.6	250.4	250.6	251.3	250.8	251.0	249.8	248.9	247.1	245.1
60°	257.2	258.0	257.7	258.2	258.9	259.0	258.8	257.5	256.1	254.4	252.5
62.5°	264.3	264.9	264.8	265.1	265.6	266.0	266.0	265.0	263.7	261.7	259.8
65°	270.5	271.1	271.3	271.8	272.4	272.5	272.3	271.5	270.6	269.1	266.4
67.5°	275.8	276.7	277.5	277.9	278.4	278.6	278.3	277.4	276.7	275.1	272.7
70°	281.1	281.9	282.4	283.1	283.5	284.1	284.1	282.9	281.9	280.3	277.9
72.5°	286.4	286.6	287.0	287.8	288.6	288.6	288.2	288.0	286.8	285.1	282.4
75°	290.8	291.2	291.7	292.2	292.9	293.5	292.8	292.3	290.8	289.1	286.3
77.5°	294.3	294.9	295.1	296.5	297.0	296.8	296.5	295.2	293.9	292.0	289.8
80°	297.0	298.1	298.5	299.0	299.8	300.0	299.3	298.6	296.8	294.2	291.8
82.5°	299.6	300.8	301.1	301.8	301.9	302.1	301.1	300.2	298.5	296.7	294.0
85°	301.4	302.4	303.2	303.2	303.1	302.9	302.6	300.9	299.3	297.3	294.7
87.5°	302.3	303.2	303.2	303.0	303.2	302.6	302.2	301.3	300.3	297.8	295.8
90°	302.3	301.4	301.4	302.3	302.3	302.3	302.3	301.4	300.5	297.9	295.2
92.5°	302.3	303.2	303.2	303.0	303.2	302.6	302.2	301.3	300.3	297.8	295.8
95°	301.4	302.4	303.2	303.2	303.1	302.9	302.6	300.9	299.3	297.3	294.7
97.5°	299.6	300.8	301.1	301.8	301.9	302.1	301.1	300.2	298.5	296.7	294.0
100°	297.0	298.1	298.5	299.0	299.8	300.0	299.3	298.6	296.8	294.2	291.8
102.5°	294.3	294.9	295.1	296.5	297.0	296.8	296.5	295.2	293.9	292.0	289.8
105°	290.8	291.2	291.7	292.2	292.9	293.5	292.8	292.3	290.8	289.1	286.3
107.5°	286.4	286.6	287.0	287.8	288.6	288.6	288.2	288.0	286.8	285.1	282.4
110°	281.1	281.9	282.4	283.1	283.5	284.1	284.1	282.9	281.9	280.3	277.9



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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°	275.8	276.7	277.5	277.9	278.4	278.6	278.3	277.4	276.7	275.1	272.7
115°	270.5	271.1	271.3	271.8	272.4	272.5	272.3	271.5	270.6	269.1	266.4
117.5°	264.3	264.9	264.8	265.1	265.6	266.0	266.0	265.0	263.7	261.7	259.8
120°	257.2	258.0	257.7	258.2	258.9	259.0	258.8	257.5	256.1	254.4	252.5
122.5°	249.2	250.6	250.4	250.6	251.3	250.8	251.0	249.8	248.9	247.1	245.1
125°	241.3	242.6	242.3	242.1	242.8	242.6	241.9	241.5	240.6	239.1	236.7
127.5°	237.8	234.9	233.1	233.4	233.8	233.9	233.3	232.4	231.9	230.5	228.4
130°	226.3	225.2	223.8	223.8	224.1	224.6	224.1	223.2	222.5	221.5	219.3
132.5°	213.9	214.4	214.1	214.4	214.4	214.6	214.4	213.6	212.6	211.4	209.6
135°	203.3	204.2	204.2	204.4	204.3	204.4	204.2	203.9	202.5	201.4	200.3
137.5°	197.1	195.9	193.8	194.0	194.2	194.3	194.1	193.5	192.3	190.7	189.2
140°	183.0	183.7	183.6	183.7	183.7	183.4	183.1	182.5	181.5	180.1	178.7
142.5°	171.5	172.2	172.1	172.1	172.2	172.0	171.7	171.0	169.9	168.9	167.5
145°	163.5	163.2	162.1	161.1	161.1	160.8	160.2	159.7	158.9	157.5	155.9
147.5°	148.5	149.1	149.0	148.7	148.7	148.5	148.0	147.3	146.3	145.0	143.3
150°	136.1	136.6	136.5	136.1	135.9	135.7	135.3	134.6	133.7	132.6	131.1
152.5°	122.9	123.3	123.2	123.0	122.5	122.6	122.4	122.0	121.1	120.2	118.8
155°	110.5	110.9	110.7	110.5	109.9	109.7	109.3	108.6	107.6	106.3	105.1
157.5°	96.3	96.9	97.4	96.8	96.5	95.9	95.5	95.0	94.2	93.4	92.4
160°	83.1	83.4	83.7	83.1	82.7	82.2	81.7	81.4	80.9	80.0	78.8
162.5°	69.8	70.2	70.7	70.3	70.0	69.6	69.1	68.5	67.8	67.1	66.1
165°	56.6	56.9	57.3	57.0	56.8	56.5	56.1	55.5	54.9	54.3	53.6
167.5°	44.2	44.5	44.8	44.5	44.3	44.0	43.6	43.1	42.4	41.6	40.9
170°	30.9	31.1	31.4	31.6	31.2	31.0	30.8	30.5	30.1	29.7	29.1
172.5°	19.4	19.6	19.9	20.1	19.9	19.9	19.8	19.7	19.5	19.3	19.0
175°	9.7	9.9	10.0	10.2	10.3	10.2	10.3	10.3	10.3	10.2	10.2
177.5°	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.6	4.6	4.6	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



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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°	4.5	4.5	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	3.9
5°	10.1	10.0	9.8	9.7	9.5	9.3	9.0	8.8	8.5	8.2	7.8
7.5°	18.6	18.2	17.7	17.2	16.7	16.0	15.3	14.8	14.1	13.6	13.2
10°	28.6	27.9	27.4	26.7	26.0	25.2	24.3	23.5	22.6	21.6	20.6
12.5°	40.2	39.4	38.5	37.5	36.4	35.4	34.3	33.0	31.7	30.2	28.6
15°	52.8	51.8	50.7	49.5	48.1	46.6	45.1	43.5	41.8	40.1	38.3
17.5°	65.1	63.9	62.6	61.2	59.8	58.2	56.5	54.6	52.6	50.5	48.2
20°	77.4	76.0	74.8	73.3	71.7	69.9	68.0	65.8	63.5	61.0	58.4
22.5°	91.2	89.5	87.8	85.8	83.7	81.6	79.4	76.9	74.4	71.5	68.6
25°	104.0	102.5	100.7	98.5	96.2	93.7	91.0	88.0	85.1	82.0	79.1
27.5°	117.1	115.3	113.4	111.1	108.5	105.8	103.4	99.5	95.9	92.3	88.7
30°	129.4	127.5	125.6	122.9	120.2	117.3	114.1	110.3	106.4	102.7	98.6
32.5°	141.7	139.7	137.3	134.5	131.9	128.8	125.3	121.2	117.1	113.0	108.6
35°	154.0	151.9	149.2	146.5	143.6	140.3	136.6	132.2	127.7	123.1	118.4
37.5°	165.6	163.2	160.4	158.2	154.8	151.2	147.1	142.8	138.1	133.2	128.0
40°	176.9	174.3	171.9	168.9	165.2	161.2	156.9	152.5	147.6	142.5	137.5
42.5°	187.6	185.1	182.3	179.1	175.9	171.2	166.9	162.2	157.1	151.3	145.7
45°	197.7	195.4	192.4	188.9	185.1	181.0	176.4	171.7	166.1	160.4	154.2
47.5°	207.4	205.0	202.1	198.7	194.6	190.1	185.4	180.1	174.3	168.5	162.4
50°	216.7	214.0	211.4	207.9	204.1	199.1	194.2	188.8	182.7	176.3	170.2
52.5°	226.2	223.1	220.0	216.4	212.2	207.7	202.4	196.8	191.5	184.2	177.4
55°	234.4	231.8	228.3	224.4	220.2	215.5	210.5	204.3	198.1	191.4	185.0
57.5°	242.4	239.6	236.3	232.3	227.8	222.9	217.5	211.5	205.0	197.8	190.9
60°	250.4	247.1	243.4	239.9	234.9	229.5	223.9	218.0	211.3	204.2	196.8
62.5°	257.2	253.6	249.8	245.7	241.7	236.0	230.0	223.9	217.3	210.0	202.6
65°	263.4	259.7	256.1	251.2	247.0	241.9	236.0	229.5	222.9	215.4	207.7
67.5°	269.6	265.4	261.6	257.0	252.2	247.0	241.0	234.7	227.9	220.3	212.2
70°	274.7	270.6	267.2	262.1	256.9	251.5	245.3	238.8	232.3	224.7	216.2
72.5°	279.3	275.4	271.1	266.3	261.1	255.2	249.1	242.5	235.5	228.1	219.6
75°	283.1	279.7	275.0	270.0	264.8	258.7	252.5	246.0	239.2	231.3	222.7
77.5°	286.2	282.7	277.7	272.7	267.1	261.5	255.4	248.8	241.5	233.9	225.6
80°	288.7	285.2	280.5	275.2	269.9	263.9	257.6	251.1	243.6	236.1	227.7
82.5°	290.8	286.7	282.3	277.3	271.9	265.4	259.2	252.9	245.3	238.1	229.3
85°	292.0	288.3	283.9	278.6	273.2	266.7	260.5	253.8	246.0	238.9	230.7
87.5°	292.4	289.0	284.6	279.3	274.0	267.8	261.6	254.5	246.6	239.5	231.3
90°	292.6	289.0	284.6	279.3	274.0	267.8	261.6	254.5	246.6	239.5	230.7
92.5°	292.4	289.0	284.6	279.3	274.0	267.8	261.6	254.5	246.6	239.5	231.3
95°	292.0	288.3	283.9	278.6	273.2	266.7	260.5	253.8	246.0	238.9	230.7
97.5°	290.8	286.7	282.3	277.3	271.9	265.4	259.2	252.9	245.3	238.1	229.3
100°	288.7	285.2	280.5	275.2	269.9	263.9	257.6	251.1	243.6	236.1	227.7
102.5°	286.2	282.7	277.7	272.7	267.1	261.5	255.4	248.8	241.5	233.9	225.6
105°	283.1	279.7	275.0	270.0	264.8	258.7	252.5	246.0	239.2	231.3	222.7
107.5°	279.3	275.4	271.1	266.3	261.1	255.2	249.1	242.5	235.5	228.1	219.6
110°	274.7	270.6	267.2	262.1	256.9	251.5	245.3	238.8	232.3	224.7	216.2





TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	269.6	265.4	261.6	257.0	252.2	247.0	241.0	234.7	227.9	220.3	212.2
115°	263.4	259.7	256.1	251.2	247.0	241.9	236.0	229.5	222.9	215.4	207.7
117.5°	257.2	253.6	249.8	245.7	241.7	236.0	230.0	223.9	217.3	210.0	202.6
120°	250.4	247.1	243.4	239.9	234.9	229.5	223.9	218.0	211.3	204.2	196.8
122.5°	242.4	239.6	236.3	232.3	227.8	222.9	217.5	211.5	205.0	197.8	190.9
125°	234.4	231.8	228.3	224.4	220.2	215.5	210.5	204.3	198.1	191.4	185.0
127.5°	226.2	223.1	220.0	216.4	212.2	207.7	202.4	196.8	191.5	184.2	177.4
130°	216.7	214.0	211.4	207.9	204.1	199.1	194.2	188.8	182.7	176.3	170.2
132.5°	207.4	205.0	202.1	198.7	194.6	190.1	185.4	180.1	174.3	168.5	162.4
135°	197.7	195.4	192.4	188.9	185.1	181.0	176.4	171.7	166.1	160.4	154.2
137.5°	187.6	185.1	182.3	179.1	175.9	171.2	166.9	162.2	157.1	151.3	145.7
140°	176.9	174.3	171.9	168.9	165.2	161.2	156.9	152.5	147.6	142.5	137.5
142.5°	165.6	163.2	160.4	158.2	154.8	151.2	147.1	142.8	138.1	133.2	128.0
145°	154.0	151.9	149.2	146.5	143.6	140.3	136.6	132.2	127.7	123.1	118.4
147.5°	141.7	139.7	137.3	134.5	131.9	128.8	125.3	121.2	117.1	113.0	108.6
150°	129.4	127.5	125.6	122.9	120.2	117.3	114.1	110.3	106.4	102.7	98.6
152.5°	117.1	115.3	113.4	111.1	108.5	105.8	103.4	99.5	95.9	92.3	88.7
155°	104.0	102.5	100.7	98.5	96.2	93.7	91.0	88.0	85.1	82.0	79.1
157.5°	91.2	89.5	87.8	85.8	83.7	81.6	79.4	76.9	74.4	71.5	68.6
160°	77.4	76.0	74.8	73.3	71.7	69.9	68.0	65.8	63.5	61.0	58.4
162.5°	65.1	63.9	62.6	61.2	59.8	58.2	56.5	54.6	52.6	50.5	48.2
165°	52.8	51.8	50.7	49.5	48.1	46.6	45.1	43.5	41.8	40.1	38.3
167.5°	40.2	39.4	38.5	37.5	36.4	35.4	34.3	33.0	31.7	30.2	28.6
170°	28.6	27.9	27.4	26.7	26.0	25.2	24.3	23.5	22.6	21.6	20.6
172.5°	18.6	18.2	17.7	17.2	16.7	16.0	15.3	14.8	14.1	13.6	13.2
175°	10.1	10.0	9.8	9.7	9.5	9.3	9.0	8.8	8.5	8.2	7.8
177.5°	4.5	4.5	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	3.9
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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	3.8	3.7	3.5	3.4	3.3	3.2	3.0	2.9	2.7	2.6	2.4
5°	7.5	7.1	6.7	6.5	6.3	6.0	5.8	5.5	5.3	5.0	4.7
7.5°	12.8	12.3	11.8	11.2	10.7	10.1	9.4	9.1	8.8	8.4	8.1
10°	19.5	18.3	17.2	16.4	15.7	14.9	14.0	13.1	12.2	11.8	11.4
12.5°	27.3	26.0	24.6	23.2	21.7	20.4	19.4	18.3	17.2	16.0	15.3
15°	36.4	34.4	32.7	30.8	29.0	27.3	25.4	24.0	22.5	20.9	19.3
17.5°	46.1	43.4	41.0	38.6	36.2	34.2	32.1	29.9	28.1	26.3	24.4
20°	55.6	52.7	49.7	46.9	44.1	41.2	38.8	36.3	33.8	31.7	29.5
22.5°	65.4	62.1	58.6	55.0	51.8	48.5	45.2	42.3	39.4	36.6	34.2
25°	75.1	71.5	67.6	63.6	59.6	55.9	52.3	48.7	45.3	41.7	39.1
27.5°	84.8	80.7	76.5	72.2	68.0	63.7	59.5	55.1	51.0	47.0	43.6
30°	94.4	90.0	85.3	80.6	75.7	70.9	66.1	61.2	56.4	52.1	48.1
32.5°	104.0	99.1	94.1	88.9	83.5	78.1	72.8	67.3	61.9	57.2	52.8
35°	113.4	108.1	102.7	97.1	91.4	85.4	79.4	73.5	67.7	62.3	57.6
37.5°	122.4	116.7	110.8	105.0	99.6	92.7	86.1	79.5	73.3	67.4	62.4
40°	131.7	125.1	118.8	112.4	106.2	99.6	92.5	85.7	79.0	72.7	67.1
42.5°	140.0	133.4	126.7	119.8	113.1	106.4	98.7	91.3	84.1	77.4	71.1
45°	147.7	140.8	134.1	127.0	119.7	112.3	104.5	96.5	89.0	81.7	74.9
47.5°	155.8	148.7	141.4	134.2	126.3	118.5	110.2	101.7	93.7	86.0	78.6
50°	163.3	156.0	148.7	140.4	132.3	124.0	115.7	106.9	98.4	90.1	82.4
52.5°	170.3	162.5	155.1	147.0	138.2	129.3	120.8	111.9	102.9	94.3	86.2
55°	176.9	168.9	160.9	152.8	143.8	134.5	125.5	116.5	107.4	98.4	89.9
57.5°	183.2	175.0	166.7	157.8	148.9	139.5	130.1	120.8	111.5	101.9	93.1
60°	189.0	180.9	172.1	163.1	153.7	144.1	134.9	124.9	115.3	105.1	96.1
62.5°	194.3	186.2	177.5	168.2	158.6	148.2	139.1	128.6	118.5	108.1	98.5
65°	199.4	190.8	182.2	172.3	162.4	152.1	142.3	131.6	121.2	110.9	101.0
67.5°	203.7	194.7	186.2	176.1	165.9	155.8	145.3	134.6	124.1	113.9	104.0
70°	207.6	198.7	189.5	179.9	169.2	158.9	148.3	137.3	126.3	115.7	105.4
72.5°	210.8	201.9	192.9	183.0	172.3	161.6	150.8	139.8	128.6	117.7	107.1
75°	213.7	204.6	195.3	185.3	174.7	163.8	152.8	141.8	130.8	119.8	108.9
77.5°	216.4	207.1	197.4	187.2	176.8	165.8	154.5	143.6	132.5	121.0	109.9
80°	218.4	209.2	199.1	188.8	178.4	167.6	155.8	145.3	133.9	122.0	110.7
82.5°	219.9	210.8	200.5	190.1	179.6	169.1	157.2	146.4	134.6	122.8	111.8
85°	221.0	211.6	201.7	191.2	180.7	170.5	159.0	147.6	135.2	123.7	112.2
87.5°	221.8	212.5	202.4	191.8	181.6	170.6	158.7	147.2	135.6	123.7	112.2
90°	221.8	213.0	202.4	191.8	182.1	170.6	158.2	146.7	136.1	123.7	112.2
92.5°	221.8	212.5	202.4	191.8	181.6	170.6	158.7	147.2	135.6	123.7	112.2
95°	221.0	211.6	201.7	191.2	180.7	170.5	159.0	147.6	135.2	123.7	112.2
97.5°	219.9	210.8	200.5	190.1	179.6	169.1	157.2	146.4	134.6	122.8	111.8
100°	218.4	209.2	199.1	188.8	178.4	167.6	155.8	145.3	133.9	122.0	110.7
102.5°	216.4	207.1	197.4	187.2	176.8	165.8	154.5	143.6	132.5	121.0	109.9
105°	213.7	204.6	195.3	185.3	174.7	163.8	152.8	141.8	130.8	119.8	108.9
107.5°	210.8	201.9	192.9	183.0	172.3	161.6	150.8	139.8	128.6	117.7	107.1
110°	207.6	198.7	189.5	179.9	169.2	158.9	148.3	137.3	126.3	115.7	105.4



TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	203.7	194.7	186.2	176.1	165.9	155.8	145.3	134.6	124.1	113.9	104.0
115°	199.4	190.8	182.2	172.3	162.4	152.1	142.3	131.6	121.2	110.9	101.0
117.5°	194.3	186.2	177.5	168.2	158.6	148.2	139.1	128.6	118.5	108.1	98.5
120°	189.0	180.9	172.1	163.1	153.7	144.1	134.9	124.9	115.3	105.1	96.1
122.5°	183.2	175.0	166.7	157.8	148.9	139.5	130.1	120.8	111.5	101.9	93.1
125°	176.9	168.9	160.9	152.8	143.8	134.5	125.5	116.5	107.4	98.4	89.9
127.5°	170.3	162.5	155.1	147.0	138.2	129.3	120.8	111.9	102.9	94.3	86.2
130°	163.3	156.0	148.7	140.4	132.3	124.0	115.7	106.9	98.4	90.1	82.4
132.5°	155.8	148.7	141.4	134.2	126.3	118.5	110.2	101.7	93.7	86.0	78.6
135°	147.7	140.8	134.1	127.0	119.7	112.3	104.5	96.5	89.0	81.7	74.9
137.5°	140.0	133.4	126.7	119.8	113.1	106.4	98.7	91.3	84.1	77.4	71.1
140°	131.7	125.1	118.8	112.4	106.2	99.6	92.5	85.7	79.0	72.7	67.1
142.5°	122.4	116.7	110.8	105.0	99.6	92.7	86.1	79.5	73.3	67.4	62.4
145°	113.4	108.1	102.7	97.1	91.4	85.4	79.4	73.5	67.7	62.3	57.6
147.5°	104.0	99.1	94.1	88.9	83.5	78.1	72.8	67.3	61.9	57.2	52.8
150°	94.4	90.0	85.3	80.6	75.7	70.9	66.1	61.2	56.4	52.1	48.1
152.5°	84.8	80.7	76.5	72.2	68.0	63.7	59.5	55.1	51.0	47.0	43.6
155°	75.1	71.5	67.6	63.6	59.6	55.9	52.3	48.7	45.3	41.7	39.1
157.5°	65.4	62.1	58.6	55.0	51.8	48.5	45.2	42.3	39.4	36.6	34.2
160°	55.6	52.7	49.7	46.9	44.1	41.2	38.8	36.3	33.8	31.7	29.5
162.5°	46.1	43.4	41.0	38.6	36.2	34.2	32.1	29.9	28.1	26.3	24.4
165°	36.4	34.4	32.7	30.8	29.0	27.3	25.4	24.0	22.5	20.9	19.3
167.5°	27.3	26.0	24.6	23.2	21.7	20.4	19.4	18.3	17.2	16.0	15.3
170°	19.5	18.3	17.2	16.4	15.7	14.9	14.0	13.1	12.2	11.8	11.4
172.5°	12.8	12.3	11.8	11.2	10.7	10.1	9.4	9.1	8.8	8.4	8.1
175°	7.5	7.1	6.7	6.5	6.3	6.0	5.8	5.5	5.3	5.0	4.7
177.5°	3.8	3.7	3.5	3.4	3.3	3.2	3.0	2.9	2.7	2.6	2.4
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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	2.3	2.1	1.9	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6
5°	4.4	4.1	3.8	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9
7.5°	7.8	7.4	7.0	6.6	6.5	6.3	6.2	6.0	5.8	5.6	5.4
10°	11.0	10.6	10.2	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1
12.5°	14.8	14.3	13.8	13.3	13.0	12.8	12.5	12.2	11.9	11.5	11.1
15°	18.6	18.1	17.5	16.8	16.5	16.3	15.9	15.6	15.2	14.7	14.3
17.5°	22.9	22.1	21.2	20.4	20.1	19.7	19.3	18.9	18.5	17.9	17.4
20°	27.3	26.2	25.1	23.9	23.6	23.2	22.8	22.3	21.8	21.2	20.8
22.5°	31.7	30.2	29.3	28.3	27.6	26.8	26.1	25.6	25.0	24.6	24.3
25°	36.7	34.7	33.3	31.8	31.4	30.9	30.4	29.8	29.1	28.4	27.8
27.5°	41.0	38.5	37.0	35.4	34.9	34.4	33.8	33.2	32.6	31.8	31.0
30°	45.2	42.3	40.6	38.9	38.4	37.9	37.3	36.6	35.8	35.0	34.2
32.5°	49.4	46.3	44.3	42.5	41.9	41.3	40.4	39.6	38.8	38.0	37.2
35°	53.6	50.3	48.0	46.0	45.4	44.7	43.5	42.5	41.7	40.9	40.0
37.5°	57.7	53.9	51.2	49.1	48.5	47.8	46.8	45.9	45.0	43.9	42.8
40°	61.9	57.6	54.4	52.1	51.6	50.9	50.1	49.3	48.2	46.8	45.6
42.5°	65.4	61.0	57.6	55.2	54.3	53.5	52.8	52.0	50.9	49.6	48.4
45°	68.9	64.3	60.8	58.3	57.1	56.1	55.3	54.5	53.5	52.3	50.8
47.5°	72.3	67.4	63.6	61.0	59.7	58.7	57.9	57.0	56.1	54.8	53.2
50°	75.7	70.4	66.3	63.6	62.3	61.3	60.5	59.6	58.6	57.1	55.5
52.5°	79.1	73.4	69.1	66.3	64.9	63.9	62.9	61.8	60.9	59.2	57.7
55°	82.5	76.3	71.8	68.9	67.5	66.5	65.3	63.9	62.9	61.2	60.0
57.5°	85.2	78.4	73.7	70.7	69.6	68.4	67.2	66.0	64.9	63.3	62.0
60°	87.8	80.5	75.5	72.5	71.7	70.2	69.1	68.2	67.0	65.2	63.7
62.5°	90.1	82.8	77.3	74.3	73.0	71.8	70.9	69.8	68.5	66.9	65.2
65°	92.2	85.2	79.2	76.0	74.4	73.5	72.6	71.2	69.9	68.5	66.8
67.5°	94.2	86.5	81.0	77.8	76.1	75.2	74.3	72.8	71.2	69.5	67.8
70°	96.4	88.5	82.9	79.5	77.9	76.2	75.2	74.2	72.7	70.9	69.1
72.5°	97.7	89.6	83.8	80.4	78.7	77.4	76.5	75.3	73.6	71.9	70.1
75°	98.9	90.6	84.8	81.3	79.6	78.7	77.8	76.2	74.4	72.7	70.9
77.5°	99.7	91.6	85.7	82.2	80.4	79.2	78.3	77.0	75.2	73.5	71.7
80°	100.4	92.8	86.6	83.1	81.3	79.5	78.7	77.8	76.1	74.2	72.5
82.5°	101.2	93.2	87.0	83.6	81.8	80.0	79.1	77.8	76.5	74.7	73.0
85°	101.6	93.7	87.5	84.0	82.2	80.4	79.5	77.8	76.9	75.1	73.4
87.5°	101.6	93.7	87.5	84.0	82.2	80.4	79.5	77.8	76.9	75.1	73.4
90°	101.6	93.7	87.5	84.0	82.2	81.3	79.5	78.7	76.9	75.1	73.4
92.5°	101.6	93.7	87.5	84.0	82.2	80.9	79.5	78.2	76.9	75.1	73.4
95°	101.6	93.7	87.5	84.0	82.2	80.4	79.5	77.8	76.9	75.1	73.4
97.5°	101.2	93.2	87.0	83.6	81.8	80.0	79.1	77.8	76.5	74.7	73.0
100°	100.4	92.8	86.6	83.1	81.3	79.5	78.7	77.8	76.1	74.2	72.5
102.5°	99.7	91.6	85.7	82.2	80.4	79.2	78.3	77.0	75.2	73.5	71.7
105°	98.9	90.6	84.8	81.3	79.6	78.7	77.8	76.2	74.4	72.7	70.9
107.5°	97.7	89.6	83.8	80.4	78.7	77.4	76.5	75.3	73.6	71.9	70.1
110°	96.4	88.5	82.9	79.5	77.9	76.2	75.2	74.2	72.7	70.9	69.1



TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	94.2	86.5	81.0	77.8	76.1	75.2	74.3	72.8	71.2	69.5	67.8
115°	92.2	85.2	79.2	76.0	74.4	73.5	72.6	71.2	69.9	68.5	66.8
117.5°	90.1	82.8	77.3	74.3	73.0	71.8	70.9	69.8	68.5	66.9	65.2
120°	87.8	80.5	75.5	72.5	71.7	70.2	69.1	68.2	67.0	65.2	63.7
122.5°	85.2	78.4	73.7	70.7	69.6	68.4	67.2	66.0	64.9	63.3	62.0
125°	82.5	76.3	71.8	68.9	67.5	66.5	65.3	63.9	62.9	61.2	60.0
127.5°	79.1	73.4	69.1	66.3	64.9	63.9	62.9	61.8	60.9	59.2	57.7
130°	75.7	70.4	66.3	63.6	62.3	61.3	60.5	59.6	58.6	57.1	55.5
132.5°	72.3	67.4	63.6	61.0	59.7	58.7	57.9	57.0	56.1	54.8	53.2
135°	68.9	64.3	60.8	58.3	57.1	56.1	55.3	54.5	53.5	52.3	50.8
137.5°	65.4	61.0	57.6	55.2	54.3	53.5	52.8	52.0	50.9	49.6	48.4
140°	61.9	57.6	54.4	52.1	51.6	50.9	50.1	49.3	48.2	46.8	45.6
142.5°	57.7	53.9	51.2	49.1	48.5	47.8	46.8	45.9	45.0	43.9	42.8
145°	53.6	50.3	48.0	46.0	45.4	44.7	43.5	42.5	41.7	40.9	40.0
147.5°	49.4	46.3	44.3	42.5	41.9	41.3	40.4	39.6	38.8	38.0	37.2
150°	45.2	42.3	40.6	38.9	38.4	37.9	37.3	36.6	35.8	35.0	34.2
152.5°	41.0	38.5	37.0	35.4	34.9	34.4	33.8	33.2	32.6	31.8	31.0
155°	36.7	34.7	33.3	31.8	31.4	30.9	30.4	29.8	29.1	28.4	27.8
157.5°	31.7	30.2	29.3	28.3	27.6	26.8	26.1	25.6	25.0	24.6	24.3
160°	27.3	26.2	25.1	23.9	23.6	23.2	22.8	22.3	21.8	21.2	20.8
162.5°	22.9	22.1	21.2	20.4	20.1	19.7	19.3	18.9	18.5	17.9	17.4
165°	18.6	18.1	17.5	16.8	16.5	16.3	15.9	15.6	15.2	14.7	14.3
167.5°	14.8	14.3	13.8	13.3	13.0	12.8	12.5	12.2	11.9	11.5	11.1
170°	11.0	10.6	10.2	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1
172.5°	7.8	7.4	7.0	6.6	6.5	6.3	6.2	6.0	5.8	5.6	5.4
175°	4.4	4.1	3.8	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9
177.5°	2.3	2.1	1.9	1.8	1.7	1.7	1.7	1.7	1.6	1.6	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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0
5°	2.8	2.7	2.6	2.5	2.3	2.3	2.2	2.1	2.1	2.0	1.9
7.5°	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.0
10°	7.8	7.5	7.2	6.9	6.6	6.4	6.1	5.8	5.6	5.3	4.9
12.5°	10.7	10.3	9.9	9.5	9.1	8.8	8.4	8.0	7.5	7.0	6.5
15°	13.8	13.3	12.8	12.3	11.8	11.3	10.7	10.1	9.4	8.7	8.1
17.5°	16.9	16.3	15.7	15.1	14.5	14.0	13.4	12.6	11.8	11.1	10.3
20°	20.4	19.8	19.1	18.4	17.7	16.8	15.9	15.0	14.0	13.0	12.1
22.5°	23.9	23.1	22.3	21.4	20.5	19.5	18.5	17.4	16.3	15.2	14.2
25°	27.0	26.1	25.2	24.3	23.3	22.2	21.1	19.9	18.7	17.6	16.5
27.5°	30.1	29.2	28.2	27.2	26.1	24.9	23.7	22.4	21.1	19.8	18.3
30°	33.3	32.3	31.2	30.0	28.7	27.5	26.3	25.0	23.6	22.1	20.6
32.5°	36.3	35.3	34.1	32.5	31.1	29.9	28.6	27.3	25.9	24.5	22.9
35°	39.0	38.0	36.6	35.1	33.7	32.3	31.0	29.6	28.2	26.6	24.9
37.5°	41.8	40.8	39.6	37.8	36.2	34.8	33.4	32.0	30.3	28.3	26.5
40°	44.6	43.5	42.0	40.2	38.8	37.4	35.9	34.2	32.1	30.1	28.3
42.5°	47.3	46.3	44.5	42.8	41.5	39.7	38.0	36.1	34.0	31.9	30.1
45°	49.7	48.4	46.6	45.3	43.7	41.8	39.8	37.8	35.6	33.7	32.0
47.5°	52.1	50.5	48.9	47.6	45.7	43.7	41.7	39.5	37.3	35.2	33.4
50°	54.1	52.7	51.1	49.5	47.6	45.7	43.6	41.4	39.1	37.1	35.3
52.5°	56.2	54.9	53.1	51.2	49.3	47.3	45.3	43.2	41.0	38.8	36.6
55°	58.4	56.7	54.9	53.0	51.0	48.9	46.9	44.8	42.2	40.0	37.8
57.5°	60.3	58.5	56.7	54.8	52.8	50.3	48.2	46.0	43.3	41.1	38.8
60°	61.9	60.0	58.2	56.3	54.1	51.6	49.5	47.3	44.7	42.2	39.9
62.5°	63.4	61.5	59.6	57.7	55.3	52.9	50.8	48.5	45.9	43.0	40.6
65°	64.9	63.0	60.7	58.8	56.5	54.3	51.8	49.4	47.0	44.1	41.6
67.5°	66.1	64.2	61.9	59.9	57.9	55.3	52.6	50.5	48.0	45.1	42.3
70°	67.2	65.2	63.2	61.2	58.5	56.0	53.7	51.5	48.8	45.9	43.0
72.5°	68.4	66.1	63.9	61.7	59.4	57.2	54.6	51.9	49.2	46.5	43.7
75°	69.1	66.7	64.6	62.3	59.8	57.6	55.1	52.4	49.7	46.9	44.0
77.5°	69.6	67.4	65.2	62.9	60.3	58.1	55.7	53.0	49.9	47.0	44.1
80°	70.0	68.1	65.6	63.5	61.0	58.5	55.9	53.3	50.0	47.1	44.4
82.5°	70.4	68.5	66.0	63.8	61.3	58.6	56.1	53.4	50.1	47.3	44.6
85°	70.7	68.9	66.3	63.7	61.1	58.4	55.9	53.2	50.3	47.6	44.5
87.5°	70.7	68.9	66.3	64.5	61.9	59.2	56.6	53.0	50.4	47.7	44.2
90°	70.7	68.9	66.3	64.0	61.4	58.7	56.1	53.1	50.4	47.8	44.3
92.5°	70.7	68.9	66.3	63.7	61.1	58.4	55.9	53.2	50.3	47.6	44.5
95°	70.7	68.9	66.3	63.7	61.1	58.4	55.9	53.2	50.3	47.6	44.5
97.5°	70.4	68.5	66.0	63.8	61.3	58.6	56.1	53.4	50.1	47.3	44.6
100°	70.0	68.1	65.6	63.5	61.0	58.5	55.9	53.3	50.0	47.1	44.4
102.5°	69.6	67.4	65.2	62.9	60.3	58.1	55.7	53.0	49.9	47.0	44.1
105°	69.1	66.7	64.6	62.3	59.8	57.6	55.1	52.4	49.7	46.9	44.0
107.5°	68.4	66.1	63.9	61.7	59.4	57.2	54.6	51.9	49.2	46.5	43.7
110°	67.2	65.2	63.2	61.2	58.5	56.0	53.7	51.5	48.8	45.9	43.0



TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	66.1	64.2	61.9	59.9	57.9	55.3	52.6	50.5	48.0	45.1	42.3
115°	64.9	63.0	60.7	58.8	56.5	54.3	51.8	49.4	47.0	44.1	41.6
117.5°	63.4	61.5	59.6	57.7	55.3	52.9	50.8	48.5	45.9	43.0	40.6
120°	61.9	60.0	58.2	56.3	54.1	51.6	49.5	47.3	44.7	42.2	39.9
122.5°	60.3	58.5	56.7	54.8	52.8	50.3	48.2	46.0	43.3	41.1	38.8
125°	58.4	56.7	54.9	53.0	51.0	48.9	46.9	44.8	42.2	40.0	37.8
127.5°	56.2	54.9	53.1	51.2	49.3	47.3	45.3	43.2	41.0	38.8	36.6
130°	54.1	52.7	51.1	49.5	47.6	45.7	43.6	41.4	39.1	37.1	35.3
132.5°	52.1	50.5	48.9	47.6	45.7	43.7	41.7	39.5	37.3	35.2	33.4
135°	49.7	48.4	46.6	45.3	43.7	41.8	39.8	37.8	35.6	33.7	32.0
137.5°	47.3	46.3	44.5	42.8	41.5	39.7	38.0	36.1	34.0	31.9	30.1
140°	44.6	43.5	42.0	40.2	38.8	37.4	35.9	34.2	32.1	30.1	28.3
142.5°	41.8	40.8	39.6	37.8	36.2	34.8	33.4	32.0	30.3	28.3	26.5
145°	39.0	38.0	36.6	35.1	33.7	32.3	31.0	29.6	28.2	26.6	24.9
147.5°	36.3	35.3	34.1	32.5	31.1	29.9	28.6	27.3	25.9	24.5	22.9
150°	33.3	32.3	31.2	30.0	28.7	27.5	26.3	25.0	23.6	22.1	20.6
152.5°	30.1	29.2	28.2	27.2	26.1	24.9	23.7	22.4	21.1	19.8	18.3
155°	27.0	26.1	25.2	24.3	23.3	22.2	21.1	19.9	18.7	17.6	16.5
157.5°	23.9	23.1	22.3	21.4	20.5	19.5	18.5	17.4	16.3	15.2	14.2
160°	20.4	19.8	19.1	18.4	17.7	16.8	15.9	15.0	14.0	13.0	12.1
162.5°	16.9	16.3	15.7	15.1	14.5	14.0	13.4	12.6	11.8	11.1	10.3
165°	13.8	13.3	12.8	12.3	11.8	11.3	10.7	10.1	9.4	8.7	8.1
167.5°	10.7	10.3	9.9	9.5	9.1	8.8	8.4	8.0	7.5	7.0	6.5
170°	7.8	7.5	7.2	6.9	6.6	6.4	6.1	5.8	5.6	5.3	4.9
172.5°	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.0
175°	2.8	2.7	2.6	2.5	2.3	2.3	2.2	2.1	2.1	2.0	1.9
177.5°	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0
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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
5°	1.8	1.7	1.6	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.8
7.5°	2.7	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.2
10°	4.6	4.2	3.9	3.5	3.1	2.7	2.5	2.3	2.1	1.9	1.6
12.5°	6.0	5.5	5.1	4.6	4.2	3.7	3.1	2.6	2.1	1.8	1.5
15°	7.4	6.9	6.4	5.8	5.2	4.6	4.0	3.3	2.7	2.1	1.7
17.5°	9.6	8.8	8.1	7.4	6.7	6.0	5.2	4.4	3.6	2.9	2.2
20°	11.3	10.4	9.6	8.7	7.7	6.7	5.8	5.1	4.4	3.6	2.9
22.5°	13.2	12.3	11.3	10.2	9.1	8.1	7.1	6.0	5.1	4.3	3.4
25°	15.2	14.0	12.7	11.5	10.5	9.3	8.1	6.7	5.4	4.6	3.7
27.5°	17.0	15.8	14.7	13.5	12.1	10.6	9.2	7.9	6.6	5.3	4.3
30°	19.2	18.1	16.6	15.0	13.4	11.7	10.1	8.7	7.5	6.2	4.8
32.5°	21.1	19.4	18.0	16.4	14.7	13.0	11.3	9.7	8.3	6.8	5.2
35°	23.3	21.3	19.4	17.7	16.1	14.3	12.6	10.8	9.0	7.4	5.8
37.5°	24.6	22.6	20.7	19.0	17.3	15.4	13.5	11.6	9.7	7.8	6.1
40°	26.6	24.6	22.5	20.4	18.5	16.6	14.6	12.6	10.5	8.3	6.5
42.5°	28.4	26.2	23.9	21.9	20.0	17.9	15.7	13.5	11.3	9.3	7.4
45°	29.8	27.5	25.4	23.4	21.1	18.9	16.5	13.8	11.9	9.9	7.8
47.5°	31.3	28.7	26.5	24.1	21.8	19.3	17.1	15.0	12.4	10.4	8.2
50°	32.8	30.2	27.6	25.4	23.0	20.5	18.2	15.5	13.0	10.9	8.8
52.5°	34.2	31.8	29.3	26.8	24.2	21.5	18.8	16.3	13.9	11.4	9.2
55°	35.0	32.7	30.3	27.3	24.8	22.3	19.7	17.3	14.6	12.0	9.3
57.5°	36.1	33.6	31.1	28.1	25.5	23.0	20.3	17.7	14.9	12.1	9.5
60°	37.1	34.7	31.9	28.9	26.4	23.7	21.0	18.1	15.3	12.3	9.7
62.5°	38.1	35.6	32.6	29.7	26.9	24.0	21.1	18.2	15.7	12.5	9.5
65°	38.8	36.0	33.0	30.1	27.0	24.6	21.7	18.6	15.4	12.4	9.6
67.5°	39.4	36.5	33.5	30.5	27.6	25.1	22.0	18.7	15.5	12.8	9.7
70°	40.0	37.1	34.2	31.1	28.0	24.9	22.0	19.0	15.5	12.3	9.6
72.5°	40.2	37.3	34.5	31.7	28.4	25.0	22.0	19.0	16.0	12.4	9.1
75°	40.5	37.7	34.9	32.0	28.4	25.3	22.3	19.2	15.9	12.5	9.0
77.5°	40.9	38.1	35.1	32.0	28.7	25.7	22.0	19.3	15.8	12.1	9.1
80°	41.2	38.1	35.0	31.9	28.7	25.2	21.9	18.7	15.5	12.2	8.8
82.5°	41.3	38.3	35.0	31.8	28.6	25.1	22.0	18.7	15.4	12.3	8.8
85°	41.4	38.3	34.9	31.6	28.7	25.2	21.8	18.3	14.8	11.5	8.5
87.5°	41.6	38.1	34.6	31.9	28.4	24.8	21.3	17.9	14.3	11.7	8.2
90°	41.5	38.0	34.5	31.8	28.3	24.7	21.2	17.7	14.1	11.5	8.0
92.5°	41.6	38.1	34.6	31.9	28.4	24.8	21.3	17.9	14.3	11.7	8.2
95°	41.4	38.3	34.9	31.6	28.7	25.2	21.8	18.3	14.8	11.5	8.5
97.5°	41.3	38.3	35.0	31.8	28.6	25.1	22.0	18.7	15.4	12.3	8.8
100°	41.2	38.1	35.0	31.9	28.7	25.2	21.9	18.7	15.5	12.2	8.8
102.5°	40.9	38.1	35.1	32.0	28.7	25.7	22.0	19.3	15.8	12.1	9.1
105°	40.5	37.7	34.9	32.0	28.4	25.3	22.3	19.2	15.9	12.5	9.0
107.5°	40.2	37.3	34.5	31.7	28.4	25.0	22.0	19.0	16.0	12.4	9.1
110°	40.0	37.1	34.2	31.1	28.0	24.9	22.0	19.0	15.5	12.3	9.6





TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	39.4	36.5	33.5	30.5	27.6	25.1	22.0	18.7	15.5	12.8	9.7
115°	38.8	36.0	33.0	30.1	27.0	24.6	21.7	18.6	15.4	12.4	9.6
117.5°	38.1	35.6	32.6	29.7	26.9	24.0	21.1	18.2	15.7	12.5	9.5
120°	37.1	34.7	31.9	28.9	26.4	23.7	21.0	18.1	15.3	12.3	9.7
122.5°	36.1	33.6	31.1	28.1	25.5	23.0	20.3	17.7	14.9	12.1	9.5
125°	35.0	32.7	30.3	27.3	24.8	22.3	19.7	17.3	14.6	12.0	9.3
127.5°	34.2	31.8	29.3	26.8	24.2	21.5	18.8	16.3	13.9	11.4	9.2
130°	32.8	30.2	27.6	25.4	23.0	20.5	18.2	15.5	13.0	10.9	8.8
132.5°	31.3	28.7	26.5	24.1	21.8	19.3	17.1	15.0	12.4	10.4	8.2
135°	29.8	27.5	25.4	23.4	21.1	18.9	16.5	13.8	11.9	9.9	7.8
137.5°	28.4	26.2	23.9	21.9	20.0	17.9	15.7	13.5	11.3	9.3	7.4
140°	26.6	24.6	22.5	20.4	18.5	16.6	14.6	12.6	10.5	8.3	6.5
142.5°	24.6	22.6	20.7	19.0	17.3	15.4	13.5	11.6	9.7	7.8	6.1
145°	23.3	21.3	19.4	17.7	16.1	14.3	12.6	10.8	9.0	7.4	5.8
147.5°	21.1	19.4	18.0	16.4	14.7	13.0	11.3	9.7	8.3	6.8	5.2
150°	19.2	18.1	16.6	15.0	13.4	11.7	10.1	8.7	7.5	6.2	4.8
152.5°	17.0	15.8	14.7	13.5	12.1	10.6	9.2	7.9	6.6	5.3	4.3
155°	15.2	14.0	12.7	11.5	10.5	9.3	8.1	6.7	5.4	4.6	3.7
157.5°	13.2	12.3	11.3	10.2	9.1	8.1	7.1	6.0	5.1	4.3	3.4
160°	11.3	10.4	9.6	8.7	7.7	6.7	5.8	5.1	4.4	3.6	2.9
162.5°	9.6	8.8	8.1	7.4	6.7	6.0	5.2	4.4	3.6	2.9	2.2
165°	7.4	6.9	6.4	5.8	5.2	4.6	4.0	3.3	2.7	2.1	1.7
167.5°	6.0	5.5	5.1	4.6	4.2	3.7	3.1	2.6	2.1	1.8	1.5
170°	4.6	4.2	3.9	3.5	3.1	2.7	2.5	2.3	2.1	1.9	1.6
172.5°	2.7	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.2
175°	1.8	1.7	1.6	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.8
177.5°	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	0.4	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.2
5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
7.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
10°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
12.5°	1.3	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
15°	1.4	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
17.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
20°	2.1	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
22.5°	2.6	1.9	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
25°	2.8	1.8	1.0	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.0
27.5°	3.3	2.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
30°	3.6	2.5	1.4	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.4
32.5°	4.0	2.9	1.8	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.8
35°	4.2	3.0	2.0	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.0
37.5°	4.5	3.2	2.2	1.3	0.7	0.3	0.0	0.3	0.7	1.3	2.2
40°	5.0	3.3	2.2	1.4	0.8	0.4	0.0	0.4	0.8	1.4	2.2
42.5°	5.5	3.7	2.4	1.6	0.8	0.4	0.0	0.4	0.8	1.6	2.4
45°	5.7	4.1	2.6	1.8	0.9	0.4	0.0	0.4	0.9	1.8	2.6
47.5°	6.0	4.3	2.6	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.6
50°	6.7	4.6	2.8	1.4	0.4	0.0	0.0	0.0	0.4	1.4	2.8
52.5°	7.0	4.6	2.7	1.1	0.3	0.0	0.0	0.0	0.3	1.1	2.7
55°	6.5	4.5	2.6	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.6
57.5°	7.0	4.5	2.8	1.5	0.5	0.0	0.0	0.0	0.5	1.5	2.8
60°	7.2	4.7	2.9	1.6	0.6	0.0	0.0	0.0	0.6	1.6	2.9
62.5°	7.2	4.4	2.7	1.2	0.8	0.0	0.0	0.0	0.8	1.2	2.7
65°	6.9	4.6	2.6	1.1	0.9	0.1	0.0	0.1	0.9	1.1	2.6
67.5°	6.9	4.6	2.6	1.3	0.5	0.0	0.0	0.0	0.5	1.3	2.6
70°	7.1	4.4	2.7	1.3	0.6	0.0	0.0	0.0	0.6	1.3	2.7
72.5°	6.5	4.4	2.5	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.5
75°	6.2	3.8	2.1	1.0	0.2	0.0	0.0	0.0	0.2	1.0	2.1
77.5°	6.3	3.5	1.8	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.8
80°	5.8	3.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	5.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	5.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.8	3.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	6.3	3.5	1.8	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.8
105°	6.2	3.8	2.1	1.0	0.2	0.0	0.0	0.0	0.2	1.0	2.1
107.5°	6.5	4.4	2.5	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.5
110°	7.1	4.4	2.7	1.3	0.6	0.0	0.0	0.0	0.6	1.3	2.7



TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	6.9	4.6	2.6	1.3	0.5	0.0	0.0	0.0	0.5	1.3	2.6
115°	6.9	4.6	2.6	1.1	0.9	0.1	0.0	0.1	0.9	1.1	2.6
117.5°	7.2	4.4	2.7	1.2	0.8	0.0	0.0	0.0	0.8	1.2	2.7
120°	7.2	4.7	2.9	1.6	0.6	0.0	0.0	0.0	0.6	1.6	2.9
122.5°	7.0	4.5	2.8	1.5	0.5	0.0	0.0	0.0	0.5	1.5	2.8
125°	6.5	4.5	2.6	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.6
127.5°	7.0	4.6	2.7	1.1	0.3	0.0	0.0	0.0	0.3	1.1	2.7
130°	6.7	4.6	2.8	1.4	0.4	0.0	0.0	0.0	0.4	1.4	2.8
132.5°	6.0	4.3	2.6	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.6
135°	5.7	4.1	2.6	1.8	0.9	0.4	0.0	0.4	0.9	1.8	2.6
137.5°	5.5	3.7	2.4	1.6	0.8	0.4	0.0	0.4	0.8	1.6	2.4
140°	5.0	3.3	2.2	1.4	0.8	0.4	0.0	0.4	0.8	1.4	2.2
142.5°	4.5	3.2	2.2	1.3	0.7	0.3	0.0	0.3	0.7	1.3	2.2
145°	4.2	3.0	2.0	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.0
147.5°	4.0	2.9	1.8	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.8
150°	3.6	2.5	1.4	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.4
152.5°	3.3	2.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
155°	2.8	1.8	1.0	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.0
157.5°	2.6	1.9	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
160°	2.1	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
162.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
165°	1.4	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
167.5°	1.3	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
170°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
172.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
175°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
177.5°	0.4	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.2
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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.9
5°	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.6
7.5°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5
10°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	3.1	3.5	3.9
12.5°	1.0	1.3	1.5	1.8	2.1	2.6	3.1	3.7	4.2	4.6	5.1
15°	1.2	1.4	1.7	2.1	2.7	3.3	4.0	4.6	5.2	5.8	6.4
17.5°	1.4	1.7	2.2	2.9	3.6	4.4	5.2	6.0	6.7	7.4	8.1
20°	1.6	2.1	2.9	3.6	4.4	5.1	5.8	6.7	7.7	8.7	9.6
22.5°	1.9	2.6	3.4	4.3	5.1	6.0	7.1	8.1	9.1	10.2	11.3
25°	1.8	2.8	3.7	4.6	5.4	6.7	8.1	9.3	10.5	11.5	12.7
27.5°	2.2	3.3	4.3	5.3	6.6	7.9	9.2	10.6	12.1	13.5	14.7
30°	2.5	3.6	4.8	6.2	7.5	8.7	10.1	11.7	13.4	15.0	16.6
32.5°	2.9	4.0	5.2	6.8	8.3	9.7	11.3	13.0	14.7	16.4	18.0
35°	3.0	4.2	5.8	7.4	9.0	10.8	12.6	14.3	16.1	17.7	19.4
37.5°	3.2	4.5	6.1	7.8	9.7	11.6	13.5	15.4	17.3	19.0	20.7
40°	3.3	5.0	6.5	8.3	10.5	12.6	14.6	16.6	18.5	20.4	22.5
42.5°	3.7	5.5	7.4	9.3	11.3	13.5	15.7	17.9	20.0	21.9	23.9
45°	4.1	5.7	7.8	9.9	11.9	13.8	16.5	18.9	21.1	23.4	25.4
47.5°	4.3	6.0	8.2	10.4	12.4	15.0	17.1	19.3	21.8	24.1	26.5
50°	4.6	6.7	8.8	10.9	13.0	15.5	18.2	20.5	23.0	25.4	27.6
52.5°	4.6	7.0	9.2	11.4	13.9	16.3	18.8	21.5	24.2	26.8	29.3
55°	4.5	6.5	9.3	12.0	14.6	17.3	19.7	22.3	24.8	27.3	30.3
57.5°	4.5	7.0	9.5	12.1	14.9	17.7	20.3	23.0	25.5	28.1	31.1
60°	4.7	7.2	9.7	12.3	15.3	18.1	21.0	23.7	26.4	28.9	31.9
62.5°	4.4	7.2	9.5	12.5	15.7	18.2	21.1	24.0	26.9	29.7	32.6
65°	4.6	6.9	9.6	12.4	15.4	18.6	21.7	24.6	27.0	30.1	33.0
67.5°	4.6	6.9	9.7	12.8	15.5	18.7	22.0	25.1	27.6	30.5	33.5
70°	4.4	7.1	9.6	12.3	15.5	19.0	22.0	24.9	28.0	31.1	34.2
72.5°	4.4	6.5	9.1	12.4	16.0	19.0	22.0	25.0	28.4	31.7	34.5
75°	3.8	6.2	9.0	12.5	15.9	19.2	22.3	25.3	28.4	32.0	34.9
77.5°	3.5	6.3	9.1	12.1	15.8	19.3	22.0	25.7	28.7	32.0	35.1
80°	3.4	5.8	8.8	12.2	15.5	18.7	21.9	25.2	28.7	31.9	35.0
82.5°	2.7	5.1	8.8	12.3	15.4	18.7	22.0	25.1	28.6	31.8	35.0
85°	1.4	5.3	8.5	11.5	14.8	18.3	21.8	25.2	28.7	31.6	34.9
87.5°	0.4	4.7	8.2	11.7	14.3	17.9	21.3	24.8	28.4	31.9	34.6
90°	0.0	4.4	8.0	11.5	14.1	17.7	21.2	24.7	28.3	31.8	34.5
92.5°	0.4	4.7	8.2	11.7	14.3	17.9	21.3	24.8	28.4	31.9	34.6
95°	1.4	5.3	8.5	11.5	14.8	18.3	21.8	25.2	28.7	31.6	34.9
97.5°	2.7	5.1	8.8	12.3	15.4	18.7	22.0	25.1	28.6	31.8	35.0
100°	3.4	5.8	8.8	12.2	15.5	18.7	21.9	25.2	28.7	31.9	35.0
102.5°	3.5	6.3	9.1	12.1	15.8	19.3	22.0	25.7	28.7	32.0	35.1
105°	3.8	6.2	9.0	12.5	15.9	19.2	22.3	25.3	28.4	32.0	34.9
107.5°	4.4	6.5	9.1	12.4	16.0	19.0	22.0	25.0	28.4	31.7	34.5
110°	4.4	7.1	9.6	12.3	15.5	19.0	22.0	24.9	28.0	31.1	34.2



TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	4.6	6.9	9.7	12.8	15.5	18.7	22.0	25.1	27.6	30.5	33.5
115°	4.6	6.9	9.6	12.4	15.4	18.6	21.7	24.6	27.0	30.1	33.0
117.5°	4.4	7.2	9.5	12.5	15.7	18.2	21.1	24.0	26.9	29.7	32.6
120°	4.7	7.2	9.7	12.3	15.3	18.1	21.0	23.7	26.4	28.9	31.9
122.5°	4.5	7.0	9.5	12.1	14.9	17.7	20.3	23.0	25.5	28.1	31.1
125°	4.5	6.5	9.3	12.0	14.6	17.3	19.7	22.3	24.8	27.3	30.3
127.5°	4.6	7.0	9.2	11.4	13.9	16.3	18.8	21.5	24.2	26.8	29.3
130°	4.6	6.7	8.8	10.9	13.0	15.5	18.2	20.5	23.0	25.4	27.6
132.5°	4.3	6.0	8.2	10.4	12.4	15.0	17.1	19.3	21.8	24.1	26.5
135°	4.1	5.7	7.8	9.9	11.9	13.8	16.5	18.9	21.1	23.4	25.4
137.5°	3.7	5.5	7.4	9.3	11.3	13.5	15.7	17.9	20.0	21.9	23.9
140°	3.3	5.0	6.5	8.3	10.5	12.6	14.6	16.6	18.5	20.4	22.5
142.5°	3.2	4.5	6.1	7.8	9.7	11.6	13.5	15.4	17.3	19.0	20.7
145°	3.0	4.2	5.8	7.4	9.0	10.8	12.6	14.3	16.1	17.7	19.4
147.5°	2.9	4.0	5.2	6.8	8.3	9.7	11.3	13.0	14.7	16.4	18.0
150°	2.5	3.6	4.8	6.2	7.5	8.7	10.1	11.7	13.4	15.0	16.6
152.5°	2.2	3.3	4.3	5.3	6.6	7.9	9.2	10.6	12.1	13.5	14.7
155°	1.8	2.8	3.7	4.6	5.4	6.7	8.1	9.3	10.5	11.5	12.7
157.5°	1.9	2.6	3.4	4.3	5.1	6.0	7.1	8.1	9.1	10.2	11.3
160°	1.6	2.1	2.9	3.6	4.4	5.1	5.8	6.7	7.7	8.7	9.6
162.5°	1.4	1.7	2.2	2.9	3.6	4.4	5.2	6.0	6.7	7.4	8.1
165°	1.2	1.4	1.7	2.1	2.7	3.3	4.0	4.6	5.2	5.8	6.4
167.5°	1.0	1.3	1.5	1.8	2.1	2.6	3.1	3.7	4.2	4.6	5.1
170°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	3.1	3.5	3.9
172.5°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5
175°	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.6
177.5°	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.9
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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4
5°	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.6
7.5°	2.6	2.7	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8
10°	4.2	4.6	4.9	5.3	5.6	5.8	6.1	6.4	6.6	6.9	7.2
12.5°	5.5	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.1	9.5	9.9
15°	6.9	7.4	8.1	8.7	9.4	10.1	10.7	11.3	11.8	12.3	12.8
17.5°	8.8	9.6	10.3	11.1	11.8	12.6	13.4	14.0	14.5	15.1	15.7
20°	10.4	11.3	12.1	13.0	14.0	15.0	15.9	16.8	17.7	18.4	19.1
22.5°	12.3	13.2	14.2	15.2	16.3	17.4	18.5	19.5	20.5	21.4	22.3
25°	14.0	15.2	16.5	17.6	18.7	19.9	21.1	22.2	23.3	24.3	25.2
27.5°	15.8	17.0	18.3	19.8	21.1	22.4	23.7	24.9	26.1	27.2	28.2
30°	18.1	19.2	20.6	22.1	23.6	25.0	26.3	27.5	28.7	30.0	31.2
32.5°	19.4	21.1	22.9	24.5	25.9	27.3	28.6	29.9	31.1	32.5	34.1
35°	21.3	23.3	24.9	26.6	28.2	29.6	31.0	32.3	33.7	35.1	36.6
37.5°	22.6	24.6	26.5	28.3	30.3	32.0	33.4	34.8	36.2	37.8	39.6
40°	24.6	26.6	28.3	30.1	32.1	34.2	35.9	37.4	38.8	40.2	42.0
42.5°	26.2	28.4	30.1	31.9	34.0	36.1	38.0	39.7	41.5	42.8	44.5
45°	27.5	29.8	32.0	33.7	35.6	37.8	39.8	41.8	43.7	45.3	46.6
47.5°	28.7	31.3	33.4	35.2	37.3	39.5	41.7	43.7	45.7	47.6	48.9
50°	30.2	32.8	35.3	37.1	39.1	41.4	43.6	45.7	47.6	49.5	51.1
52.5°	31.8	34.2	36.6	38.8	41.0	43.2	45.3	47.3	49.3	51.2	53.1
55°	32.7	35.0	37.8	40.0	42.2	44.8	46.9	48.9	51.0	53.0	54.9
57.5°	33.6	36.1	38.8	41.1	43.3	46.0	48.2	50.3	52.8	54.8	56.7
60°	34.7	37.1	39.9	42.2	44.7	47.3	49.5	51.6	54.1	56.3	58.2
62.5°	35.6	38.1	40.6	43.0	45.9	48.5	50.8	52.9	55.3	57.7	59.6
65°	36.0	38.8	41.6	44.1	47.0	49.4	51.8	54.3	56.5	58.8	60.7
67.5°	36.5	39.4	42.3	45.1	48.0	50.5	52.6	55.3	57.9	59.9	61.9
70°	37.1	40.0	43.0	45.9	48.8	51.5	53.7	56.0	58.5	61.2	63.2
72.5°	37.3	40.2	43.7	46.5	49.2	51.9	54.6	57.2	59.4	61.7	63.9
75°	37.7	40.5	44.0	46.9	49.7	52.4	55.1	57.6	59.8	62.3	64.6
77.5°	38.1	40.9	44.1	47.0	49.9	53.0	55.7	58.1	60.3	62.9	65.2
80°	38.1	41.2	44.4	47.1	50.0	53.3	55.9	58.5	61.0	63.5	65.6
82.5°	38.3	41.3	44.6	47.3	50.1	53.4	56.1	58.6	61.3	63.8	66.0
85°	38.3	41.4	44.5	47.6	50.3	53.2	55.9	58.4	61.1	63.7	66.3
87.5°	38.1	41.6	44.3	47.8	50.4	53.1	56.1	58.7	61.4	64.0	66.3
90°	38.0	41.5	44.2	47.7	50.4	53.0	56.6	59.2	61.9	64.5	66.3
92.5°	38.1	41.6	44.3	47.8	50.4	53.1	56.1	58.7	61.4	64.0	66.3
95°	38.3	41.4	44.5	47.6	50.3	53.2	55.9	58.4	61.1	63.7	66.3
97.5°	38.3	41.3	44.6	47.3	50.1	53.4	56.1	58.6	61.3	63.8	66.0
100°	38.1	41.2	44.4	47.1	50.0	53.3	55.9	58.5	61.0	63.5	65.6
102.5°	38.1	40.9	44.1	47.0	49.9	53.0	55.7	58.1	60.3	62.9	65.2
105°	37.7	40.5	44.0	46.9	49.7	52.4	55.1	57.6	59.8	62.3	64.6
107.5°	37.3	40.2	43.7	46.5	49.2	51.9	54.6	57.2	59.4	61.7	63.9
110°	37.1	40.0	43.0	45.9	48.8	51.5	53.7	56.0	58.5	61.2	63.2



TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	36.5	39.4	42.3	45.1	48.0	50.5	52.6	55.3	57.9	59.9	61.9
115°	36.0	38.8	41.6	44.1	47.0	49.4	51.8	54.3	56.5	58.8	60.7
117.5°	35.6	38.1	40.6	43.0	45.9	48.5	50.8	52.9	55.3	57.7	59.6
120°	34.7	37.1	39.9	42.2	44.7	47.3	49.5	51.6	54.1	56.3	58.2
122.5°	33.6	36.1	38.8	41.1	43.3	46.0	48.2	50.3	52.8	54.8	56.7
125°	32.7	35.0	37.8	40.0	42.2	44.8	46.9	48.9	51.0	53.0	54.9
127.5°	31.8	34.2	36.6	38.8	41.0	43.2	45.3	47.3	49.3	51.2	53.1
130°	30.2	32.8	35.3	37.1	39.1	41.4	43.6	45.7	47.6	49.5	51.1
132.5°	28.7	31.3	33.4	35.2	37.3	39.5	41.7	43.7	45.7	47.6	48.9
135°	27.5	29.8	32.0	33.7	35.6	37.8	39.8	41.8	43.7	45.3	46.6
137.5°	26.2	28.4	30.1	31.9	34.0	36.1	38.0	39.7	41.5	42.8	44.5
140°	24.6	26.6	28.3	30.1	32.1	34.2	35.9	37.4	38.8	40.2	42.0
142.5°	22.6	24.6	26.5	28.3	30.3	32.0	33.4	34.8	36.2	37.8	39.6
145°	21.3	23.3	24.9	26.6	28.2	29.6	31.0	32.3	33.7	35.1	36.6
147.5°	19.4	21.1	22.9	24.5	25.9	27.3	28.6	29.9	31.1	32.5	34.1
150°	18.1	19.2	20.6	22.1	23.6	25.0	26.3	27.5	28.7	30.0	31.2
152.5°	15.8	17.0	18.3	19.8	21.1	22.4	23.7	24.9	26.1	27.2	28.2
155°	14.0	15.2	16.5	17.6	18.7	19.9	21.1	22.2	23.3	24.3	25.2
157.5°	12.3	13.2	14.2	15.2	16.3	17.4	18.5	19.5	20.5	21.4	22.3
160°	10.4	11.3	12.1	13.0	14.0	15.0	15.9	16.8	17.7	18.4	19.1
162.5°	8.8	9.6	10.3	11.1	11.8	12.6	13.4	14.0	14.5	15.1	15.7
165°	6.9	7.4	8.1	8.7	9.4	10.1	10.7	11.3	11.8	12.3	12.8
167.5°	5.5	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.1	9.5	9.9
170°	4.2	4.6	4.9	5.3	5.6	5.8	6.1	6.4	6.6	6.9	7.2
172.5°	2.6	2.7	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8
175°	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.6
177.5°	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4
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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.9
5°	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.8
7.5°	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	7.0
10°	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.3	9.5	9.7	10.2
12.5°	10.3	10.7	11.1	11.5	11.9	12.2	12.5	12.8	13.0	13.3	13.8
15°	13.3	13.8	14.3	14.7	15.2	15.6	15.9	16.3	16.5	16.8	17.5
17.5°	16.3	16.9	17.4	17.9	18.5	18.9	19.3	19.7	20.1	20.4	21.2
20°	19.8	20.4	20.8	21.2	21.8	22.3	22.8	23.2	23.6	23.9	25.1
22.5°	23.1	23.9	24.3	24.6	25.0	25.6	26.1	26.8	27.6	28.3	29.3
25°	26.1	27.0	27.8	28.4	29.1	29.8	30.4	30.9	31.4	31.8	33.3
27.5°	29.2	30.1	31.0	31.8	32.6	33.2	33.8	34.4	34.9	35.4	37.0
30°	32.3	33.3	34.2	35.0	35.8	36.6	37.3	37.9	38.4	38.9	40.6
32.5°	35.3	36.3	37.2	38.0	38.8	39.6	40.4	41.3	41.9	42.5	44.3
35°	38.0	39.0	40.0	40.9	41.7	42.5	43.5	44.7	45.4	46.0	48.0
37.5°	40.8	41.8	42.8	43.9	45.0	45.9	46.8	47.8	48.5	49.1	51.2
40°	43.5	44.6	45.6	46.8	48.2	49.3	50.1	50.9	51.6	52.1	54.4
42.5°	46.3	47.3	48.4	49.6	50.9	52.0	52.8	53.5	54.3	55.2	57.6
45°	48.4	49.7	50.8	52.3	53.5	54.5	55.3	56.1	57.1	58.3	60.8
47.5°	50.5	52.1	53.2	54.8	56.1	57.0	57.9	58.7	59.7	61.0	63.6
50°	52.7	54.1	55.5	57.1	58.6	59.6	60.5	61.3	62.3	63.6	66.3
52.5°	54.9	56.2	57.7	59.2	60.9	61.8	62.9	63.9	64.9	66.3	69.1
55°	56.7	58.4	60.0	61.2	62.9	63.9	65.3	66.5	67.5	68.9	71.8
57.5°	58.5	60.3	62.0	63.3	64.9	66.0	67.2	68.4	69.6	70.7	73.7
60°	60.0	61.9	63.7	65.2	67.0	68.2	69.1	70.2	71.7	72.5	75.5
62.5°	61.5	63.4	65.2	66.9	68.5	69.8	70.9	71.8	73.0	74.3	77.3
65°	63.0	64.9	66.8	68.5	69.9	71.2	72.6	73.5	74.4	76.0	79.2
67.5°	64.2	66.1	67.8	69.5	71.2	72.8	74.3	75.2	76.1	77.8	81.0
70°	65.2	67.2	69.1	70.9	72.7	74.2	75.2	76.2	77.9	79.5	82.9
72.5°	66.1	68.4	70.1	71.9	73.6	75.3	76.5	77.4	78.7	80.4	83.8
75°	66.7	69.1	70.9	72.7	74.4	76.2	77.8	78.7	79.6	81.3	84.8
77.5°	67.4	69.6	71.7	73.5	75.2	77.0	78.3	79.2	80.4	82.2	85.7
80°	68.1	70.0	72.5	74.2	76.1	77.8	78.7	79.5	81.3	83.1	86.6
82.5°	68.5	70.4	73.0	74.7	76.5	77.8	79.1	80.0	81.8	83.6	87.0
85°	68.9	70.7	73.4	75.1	76.9	77.8	79.5	80.4	82.2	84.0	87.5
87.5°	68.9	70.7	73.4	75.1	76.9	78.7	79.5	81.3	82.2	84.0	87.5
90°	68.9	70.7	73.4	75.1	76.9	78.7	79.5	81.3	82.2	84.0	87.5
92.5°	68.9	70.7	73.4	75.1	76.9	78.2	79.5	80.9	82.2	84.0	87.5
95°	68.9	70.7	73.4	75.1	76.9	77.8	79.5	80.4	82.2	84.0	87.5
97.5°	68.5	70.4	73.0	74.7	76.5	77.8	79.1	80.0	81.8	83.6	87.0
100°	68.1	70.0	72.5	74.2	76.1	77.8	78.7	79.5	81.3	83.1	86.6
102.5°	67.4	69.6	71.7	73.5	75.2	77.0	78.3	79.2	80.4	82.2	85.7
105°	66.7	69.1	70.9	72.7	74.4	76.2	77.8	78.7	79.6	81.3	84.8
107.5°	66.1	68.4	70.1	71.9	73.6	75.3	76.5	77.4	78.7	80.4	83.8
110°	65.2	67.2	69.1	70.9	72.7	74.2	75.2	76.2	77.9	79.5	82.9





TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	64.2	66.1	67.8	69.5	71.2	72.8	74.3	75.2	76.1	77.8	81.0
115°	63.0	64.9	66.8	68.5	69.9	71.2	72.6	73.5	74.4	76.0	79.2
117.5°	61.5	63.4	65.2	66.9	68.5	69.8	70.9	71.8	73.0	74.3	77.3
120°	60.0	61.9	63.7	65.2	67.0	68.2	69.1	70.2	71.7	72.5	75.5
122.5°	58.5	60.3	62.0	63.3	64.9	66.0	67.2	68.4	69.6	70.7	73.7
125°	56.7	58.4	60.0	61.2	62.9	63.9	65.3	66.5	67.5	68.9	71.8
127.5°	54.9	56.2	57.7	59.2	60.9	61.8	62.9	63.9	64.9	66.3	69.1
130°	52.7	54.1	55.5	57.1	58.6	59.6	60.5	61.3	62.3	63.6	66.3
132.5°	50.5	52.1	53.2	54.8	56.1	57.0	57.9	58.7	59.7	61.0	63.6
135°	48.4	49.7	50.8	52.3	53.5	54.5	55.3	56.1	57.1	58.3	60.8
137.5°	46.3	47.3	48.4	49.6	50.9	52.0	52.8	53.5	54.3	55.2	57.6
140°	43.5	44.6	45.6	46.8	48.2	49.3	50.1	50.9	51.6	52.1	54.4
142.5°	40.8	41.8	42.8	43.9	45.0	45.9	46.8	47.8	48.5	49.1	51.2
145°	38.0	39.0	40.0	40.9	41.7	42.5	43.5	44.7	45.4	46.0	48.0
147.5°	35.3	36.3	37.2	38.0	38.8	39.6	40.4	41.3	41.9	42.5	44.3
150°	32.3	33.3	34.2	35.0	35.8	36.6	37.3	37.9	38.4	38.9	40.6
152.5°	29.2	30.1	31.0	31.8	32.6	33.2	33.8	34.4	34.9	35.4	37.0
155°	26.1	27.0	27.8	28.4	29.1	29.8	30.4	30.9	31.4	31.8	33.3
157.5°	23.1	23.9	24.3	24.6	25.0	25.6	26.1	26.8	27.6	28.3	29.3
160°	19.8	20.4	20.8	21.2	21.8	22.3	22.8	23.2	23.6	23.9	25.1
162.5°	16.3	16.9	17.4	17.9	18.5	18.9	19.3	19.7	20.1	20.4	21.2
165°	13.3	13.8	14.3	14.7	15.2	15.6	15.9	16.3	16.5	16.8	17.5
167.5°	10.3	10.7	11.1	11.5	11.9	12.2	12.5	12.8	13.0	13.3	13.8
170°	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.3	9.5	9.7	10.2
172.5°	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	7.0
175°	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.8
177.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.5
5°	4.1	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.7
7.5°	7.4	7.8	8.1	8.4	8.8	9.1	9.4	10.1	10.7	11.2	11.8
10°	10.6	11.0	11.4	11.8	12.2	13.1	14.0	14.9	15.7	16.4	17.2
12.5°	14.3	14.8	15.3	16.0	17.2	18.3	19.4	20.4	21.7	23.2	24.6
15°	18.1	18.6	19.3	20.9	22.5	24.0	25.4	27.3	29.0	30.8	32.7
17.5°	22.1	22.9	24.4	26.3	28.1	29.9	32.1	34.2	36.2	38.6	41.0
20°	26.2	27.3	29.5	31.7	33.8	36.3	38.8	41.2	44.1	46.9	49.7
22.5°	30.2	31.7	34.2	36.6	39.4	42.3	45.2	48.5	51.8	55.0	58.6
25°	34.7	36.7	39.1	41.7	45.3	48.7	52.3	55.9	59.6	63.6	67.6
27.5°	38.5	41.0	43.6	47.0	51.0	55.1	59.5	63.7	68.0	72.2	76.5
30°	42.3	45.2	48.1	52.1	56.4	61.2	66.1	70.9	75.7	80.6	85.3
32.5°	46.3	49.4	52.8	57.2	61.9	67.3	72.8	78.1	83.5	88.9	94.1
35°	50.3	53.6	57.6	62.3	67.7	73.5	79.4	85.4	91.4	97.1	102.7
37.5°	53.9	57.7	62.4	67.4	73.3	79.5	86.1	92.7	99.6	105.0	110.8
40°	57.6	61.9	67.1	72.7	79.0	85.7	92.5	99.6	106.2	112.4	118.8
42.5°	61.0	65.4	71.1	77.4	84.1	91.3	98.7	106.4	113.1	119.8	126.7
45°	64.3	68.9	74.9	81.7	89.0	96.5	104.5	112.3	119.7	127.0	134.1
47.5°	67.4	72.3	78.6	86.0	93.7	101.7	110.2	118.5	126.3	134.2	141.4
50°	70.4	75.7	82.4	90.1	98.4	106.9	115.7	124.0	132.3	140.4	148.7
52.5°	73.4	79.1	86.2	94.3	102.9	111.9	120.8	129.3	138.2	147.0	155.1
55°	76.3	82.5	89.9	98.4	107.4	116.5	125.5	134.5	143.8	152.8	160.9
57.5°	78.4	85.2	93.1	101.9	111.5	120.8	130.1	139.5	148.9	157.8	166.7
60°	80.5	87.8	96.1	105.1	115.3	124.9	134.9	144.1	153.7	163.1	172.1
62.5°	82.8	90.1	98.5	108.1	118.5	128.6	139.1	148.2	158.6	168.2	177.5
65°	85.2	92.2	101.0	110.9	121.2	131.6	142.3	152.1	162.4	172.3	182.2
67.5°	86.5	94.2	104.0	113.9	124.1	134.6	145.3	155.8	165.9	176.1	186.2
70°	88.5	96.4	105.4	115.7	126.3	137.3	148.3	158.9	169.2	179.9	189.5
72.5°	89.6	97.7	107.1	117.7	128.6	139.8	150.8	161.6	172.3	183.0	192.9
75°	90.6	98.9	108.9	119.8	130.8	141.8	152.8	163.8	174.7	185.3	195.3
77.5°	91.6	99.7	109.9	121.0	132.5	143.6	154.5	165.8	176.8	187.2	197.4
80°	92.8	100.4	110.7	122.0	133.9	145.3	155.8	167.6	178.4	188.8	199.1
82.5°	93.2	101.2	111.8	122.8	134.6	146.4	157.2	169.1	179.6	190.1	200.5
85°	93.7	101.6	112.2	123.7	135.2	147.6	159.0	170.5	180.7	191.2	201.7
87.5°	93.7	101.6	112.2	123.7	135.6	147.2	158.7	170.6	181.6	191.8	202.4
90°	93.7	101.6	112.2	123.7	136.1	146.7	158.2	170.6	182.1	191.8	202.4
92.5°	93.7	101.6	112.2	123.7	135.6	147.2	158.7	170.6	181.6	191.8	202.4
95°	93.7	101.6	112.2	123.7	135.2	147.6	159.0	170.5	180.7	191.2	201.7
97.5°	93.2	101.2	111.8	122.8	134.6	146.4	157.2	169.1	179.6	190.1	200.5
100°	92.8	100.4	110.7	122.0	133.9	145.3	155.8	167.6	178.4	188.8	199.1
102.5°	91.6	99.7	109.9	121.0	132.5	143.6	154.5	165.8	176.8	187.2	197.4
105°	90.6	98.9	108.9	119.8	130.8	141.8	152.8	163.8	174.7	185.3	195.3
107.5°	89.6	97.7	107.1	117.7	128.6	139.8	150.8	161.6	172.3	183.0	192.9
110°	88.5	96.4	105.4	115.7	126.3	137.3	148.3	158.9	169.2	179.9	189.5



TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	86.5	94.2	104.0	113.9	124.1	134.6	145.3	155.8	165.9	176.1	186.2
115°	85.2	92.2	101.0	110.9	121.2	131.6	142.3	152.1	162.4	172.3	182.2
117.5°	82.8	90.1	98.5	108.1	118.5	128.6	139.1	148.2	158.6	168.2	177.5
120°	80.5	87.8	96.1	105.1	115.3	124.9	134.9	144.1	153.7	163.1	172.1
122.5°	78.4	85.2	93.1	101.9	111.5	120.8	130.1	139.5	148.9	157.8	166.7
125°	76.3	82.5	89.9	98.4	107.4	116.5	125.5	134.5	143.8	152.8	160.9
127.5°	73.4	79.1	86.2	94.3	102.9	111.9	120.8	129.3	138.2	147.0	155.1
130°	70.4	75.7	82.4	90.1	98.4	106.9	115.7	124.0	132.3	140.4	148.7
132.5°	67.4	72.3	78.6	86.0	93.7	101.7	110.2	118.5	126.3	134.2	141.4
135°	64.3	68.9	74.9	81.7	89.0	96.5	104.5	112.3	119.7	127.0	134.1
137.5°	61.0	65.4	71.1	77.4	84.1	91.3	98.7	106.4	113.1	119.8	126.7
140°	57.6	61.9	67.1	72.7	79.0	85.7	92.5	99.6	106.2	112.4	118.8
142.5°	53.9	57.7	62.4	67.4	73.3	79.5	86.1	92.7	99.6	105.0	110.8
145°	50.3	53.6	57.6	62.3	67.7	73.5	79.4	85.4	91.4	97.1	102.7
147.5°	46.3	49.4	52.8	57.2	61.9	67.3	72.8	78.1	83.5	88.9	94.1
150°	42.3	45.2	48.1	52.1	56.4	61.2	66.1	70.9	75.7	80.6	85.3
152.5°	38.5	41.0	43.6	47.0	51.0	55.1	59.5	63.7	68.0	72.2	76.5
155°	34.7	36.7	39.1	41.7	45.3	48.7	52.3	55.9	59.6	63.6	67.6
157.5°	30.2	31.7	34.2	36.6	39.4	42.3	45.2	48.5	51.8	55.0	58.6
160°	26.2	27.3	29.5	31.7	33.8	36.3	38.8	41.2	44.1	46.9	49.7
162.5°	22.1	22.9	24.4	26.3	28.1	29.9	32.1	34.2	36.2	38.6	41.0
165°	18.1	18.6	19.3	20.9	22.5	24.0	25.4	27.3	29.0	30.8	32.7
167.5°	14.3	14.8	15.3	16.0	17.2	18.3	19.4	20.4	21.7	23.2	24.6
170°	10.6	11.0	11.4	11.8	12.2	13.1	14.0	14.9	15.7	16.4	17.2
172.5°	7.4	7.8	8.1	8.4	8.8	9.1	9.4	10.1	10.7	11.2	11.8
175°	4.1	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.7
177.5°	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.5
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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.4	4.4	4.5
5°	7.1	7.5	7.8	8.2	8.5	8.8	9.0	9.3	9.5	9.7	9.8
7.5°	12.3	12.8	13.2	13.6	14.1	14.8	15.3	16.0	16.7	17.2	17.7
10°	18.3	19.5	20.6	21.6	22.6	23.5	24.3	25.2	26.0	26.7	27.4
12.5°	26.0	27.3	28.6	30.2	31.7	33.0	34.3	35.4	36.4	37.5	38.5
15°	34.4	36.4	38.3	40.1	41.8	43.5	45.1	46.6	48.1	49.5	50.7
17.5°	43.4	46.1	48.2	50.5	52.6	54.6	56.5	58.2	59.8	61.2	62.6
20°	52.7	55.6	58.4	61.0	63.5	65.8	68.0	69.9	71.7	73.3	74.8
22.5°	62.1	65.4	68.6	71.5	74.4	76.9	79.4	81.6	83.7	85.8	87.8
25°	71.5	75.1	79.1	82.0	85.1	88.0	91.0	93.7	96.2	98.5	100.7
27.5°	80.7	84.8	88.7	92.3	95.9	99.5	103.4	105.8	108.5	111.1	113.4
30°	90.0	94.4	98.6	102.7	106.4	110.3	114.1	117.3	120.2	122.9	125.6
32.5°	99.1	104.0	108.6	113.0	117.1	121.2	125.3	128.8	131.9	134.5	137.3
35°	108.1	113.4	118.4	123.1	127.7	132.2	136.6	140.3	143.6	146.5	149.2
37.5°	116.7	122.4	128.0	133.2	138.1	142.8	147.1	151.2	154.8	158.2	160.4
40°	125.1	131.7	137.5	142.5	147.6	152.5	156.9	161.2	165.2	168.9	171.9
42.5°	133.4	140.0	145.7	151.3	157.1	162.2	166.9	171.2	175.9	179.1	182.3
45°	140.8	147.7	154.2	160.4	166.1	171.7	176.4	181.0	185.1	188.9	192.4
47.5°	148.7	155.8	162.4	168.5	174.3	180.1	185.4	190.1	194.6	198.7	202.1
50°	156.0	163.3	170.2	176.3	182.7	188.8	194.2	199.1	204.1	207.9	211.4
52.5°	162.5	170.3	177.4	184.2	191.5	196.8	202.4	207.7	212.2	216.4	220.0
55°	168.9	176.9	185.0	191.4	198.1	204.3	210.5	215.5	220.2	224.4	228.3
57.5°	175.0	183.2	190.9	197.8	205.0	211.5	217.5	222.9	227.8	232.3	236.3
60°	180.9	189.0	196.8	204.2	211.3	218.0	223.9	229.5	234.9	239.9	243.4
62.5°	186.2	194.3	202.6	210.0	217.3	223.9	230.0	236.0	241.7	245.7	249.8
65°	190.8	199.4	207.7	215.4	222.9	229.5	236.0	241.9	247.0	251.2	256.1
67.5°	194.7	203.7	212.2	220.3	227.9	234.7	241.0	247.0	252.2	257.0	261.6
70°	198.7	207.6	216.2	224.7	232.3	238.8	245.3	251.5	256.9	262.1	267.2
72.5°	201.9	210.8	219.6	228.1	235.5	242.5	249.1	255.2	261.1	266.3	271.1
75°	204.6	213.7	222.7	231.3	239.2	246.0	252.5	258.7	264.8	270.0	275.0
77.5°	207.1	216.4	225.6	233.9	241.5	248.8	255.4	261.5	267.1	272.7	277.7
80°	209.2	218.4	227.7	236.1	243.6	251.1	257.6	263.9	269.9	275.2	280.5
82.5°	210.8	219.9	229.3	238.1	245.3	252.9	259.2	265.4	271.9	277.3	282.3
85°	211.6	221.0	230.7	238.9	246.0	253.8	260.5	266.7	273.2	278.6	283.9
87.5°	212.5	221.8	231.3	239.5	246.6	254.5	261.6	267.8	274.0	279.3	284.6
90°	213.0	221.8	230.7	239.5	246.6	254.5	261.6	267.8	274.0	279.3	284.6
92.5°	212.5	221.8	231.3	239.5	246.6	254.5	261.6	267.8	274.0	279.3	284.6
95°	211.6	221.0	230.7	238.9	246.0	253.8	260.5	266.7	273.2	278.6	283.9
97.5°	210.8	219.9	229.3	238.1	245.3	252.9	259.2	265.4	271.9	277.3	282.3
100°	209.2	218.4	227.7	236.1	243.6	251.1	257.6	263.9	269.9	275.2	280.5
102.5°	207.1	216.4	225.6	233.9	241.5	248.8	255.4	261.5	267.1	272.7	277.7
105°	204.6	213.7	222.7	231.3	239.2	246.0	252.5	258.7	264.8	270.0	275.0
107.5°	201.9	210.8	219.6	228.1	235.5	242.5	249.1	255.2	261.1	266.3	271.1
110°	198.7	207.6	216.2	224.7	232.3	238.8	245.3	251.5	256.9	262.1	267.2



TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	194.7	203.7	212.2	220.3	227.9	234.7	241.0	247.0	252.2	257.0	261.6
115°	190.8	199.4	207.7	215.4	222.9	229.5	236.0	241.9	247.0	251.2	256.1
117.5°	186.2	194.3	202.6	210.0	217.3	223.9	230.0	236.0	241.7	245.7	249.8
120°	180.9	189.0	196.8	204.2	211.3	218.0	223.9	229.5	234.9	239.9	243.4
122.5°	175.0	183.2	190.9	197.8	205.0	211.5	217.5	222.9	227.8	232.3	236.3
125°	168.9	176.9	185.0	191.4	198.1	204.3	210.5	215.5	220.2	224.4	228.3
127.5°	162.5	170.3	177.4	184.2	191.5	196.8	202.4	207.7	212.2	216.4	220.0
130°	156.0	163.3	170.2	176.3	182.7	188.8	194.2	199.1	204.1	207.9	211.4
132.5°	148.7	155.8	162.4	168.5	174.3	180.1	185.4	190.1	194.6	198.7	202.1
135°	140.8	147.7	154.2	160.4	166.1	171.7	176.4	181.0	185.1	188.9	192.4
137.5°	133.4	140.0	145.7	151.3	157.1	162.2	166.9	171.2	175.9	179.1	182.3
140°	125.1	131.7	137.5	142.5	147.6	152.5	156.9	161.2	165.2	168.9	171.9
142.5°	116.7	122.4	128.0	133.2	138.1	142.8	147.1	151.2	154.8	158.2	160.4
145°	108.1	113.4	118.4	123.1	127.7	132.2	136.6	140.3	143.6	146.5	149.2
147.5°	99.1	104.0	108.6	113.0	117.1	121.2	125.3	128.8	131.9	134.5	137.3
150°	90.0	94.4	98.6	102.7	106.4	110.3	114.1	117.3	120.2	122.9	125.6
152.5°	80.7	84.8	88.7	92.3	95.9	99.5	103.4	105.8	108.5	111.1	113.4
155°	71.5	75.1	79.1	82.0	85.1	88.0	91.0	93.7	96.2	98.5	100.7
157.5°	62.1	65.4	68.6	71.5	74.4	76.9	79.4	81.6	83.7	85.8	87.8
160°	52.7	55.6	58.4	61.0	63.5	65.8	68.0	69.9	71.7	73.3	74.8
162.5°	43.4	46.1	48.2	50.5	52.6	54.6	56.5	58.2	59.8	61.2	62.6
165°	34.4	36.4	38.3	40.1	41.8	43.5	45.1	46.6	48.1	49.5	50.7
167.5°	26.0	27.3	28.6	30.2	31.7	33.0	34.3	35.4	36.4	37.5	38.5
170°	18.3	19.5	20.6	21.6	22.6	23.5	24.3	25.2	26.0	26.7	27.4
172.5°	12.3	12.8	13.2	13.6	14.1	14.8	15.3	16.0	16.7	17.2	17.7
175°	7.1	7.5	7.8	8.2	8.5	8.8	9.0	9.3	9.5	9.7	9.8
177.5°	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.4	4.4	4.5
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: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-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°	4.5	4.5	4.6	4.6	4.6	4.6	4.7	4.7	4.6	4.6	4.5
5°	10.0	10.1	10.2	10.2	10.3	10.3	10.3	10.2	10.3	10.2	10.0
7.5°	18.2	18.6	19.0	19.3	19.5	19.7	19.8	19.9	19.9	20.1	19.9
10°	27.9	28.6	29.1	29.7	30.1	30.5	30.8	31.0	31.2	31.6	31.4
12.5°	39.4	40.2	40.9	41.6	42.4	43.1	43.6	44.0	44.3	44.5	44.8
15°	51.8	52.8	53.6	54.3	54.9	55.5	56.1	56.5	56.8	57.0	57.3
17.5°	63.9	65.1	66.1	67.1	67.8	68.5	69.1	69.6	70.0	70.3	70.7
20°	76.0	77.4	78.8	80.0	80.9	81.4	81.7	82.2	82.7	83.1	83.7
22.5°	89.5	91.2	92.4	93.4	94.2	95.0	95.5	95.9	96.5	96.8	97.4
25°	102.5	104.0	105.1	106.3	107.6	108.6	109.3	109.7	109.9	110.5	110.7
27.5°	115.3	117.1	118.8	120.2	121.1	122.0	122.4	122.6	122.5	123.0	123.2
30°	127.5	129.4	131.1	132.6	133.7	134.6	135.3	135.7	135.9	136.1	136.5
32.5°	139.7	141.7	143.3	145.0	146.3	147.3	148.0	148.5	148.7	148.7	149.0
35°	151.9	154.0	155.9	157.5	158.9	159.7	160.2	160.8	161.1	161.1	162.1
37.5°	163.2	165.6	167.5	168.9	169.9	171.0	171.7	172.0	172.2	172.1	172.1
40°	174.3	176.9	178.7	180.1	181.5	182.5	183.1	183.4	183.7	183.7	183.6
42.5°	185.1	187.6	189.2	190.7	192.3	193.5	194.1	194.3	194.2	194.0	193.8
45°	195.4	197.7	200.3	201.4	202.5	203.9	204.2	204.4	204.3	204.4	204.2
47.5°	205.0	207.4	209.6	211.4	212.6	213.6	214.4	214.6	214.4	214.4	214.1
50°	214.0	216.7	219.3	221.5	222.5	223.2	224.1	224.6	224.1	223.8	223.8
52.5°	223.1	226.2	228.4	230.5	231.9	232.4	233.3	233.9	233.8	233.4	233.1
55°	231.8	234.4	236.7	239.1	240.6	241.5	241.9	242.6	242.8	242.1	242.3
57.5°	239.6	242.4	245.1	247.1	248.9	249.8	251.0	250.8	251.3	250.6	250.4
60°	247.1	250.4	252.5	254.4	256.1	257.5	258.8	259.0	258.9	258.2	257.7
62.5°	253.6	257.2	259.8	261.7	263.7	265.0	266.0	266.0	265.6	265.1	264.8
65°	259.7	263.4	266.4	269.1	270.6	271.5	272.3	272.5	272.4	271.8	271.3
67.5°	265.4	269.6	272.7	275.1	276.7	277.4	278.3	278.6	278.4	277.9	277.5
70°	270.6	274.7	277.9	280.3	281.9	282.9	284.1	284.1	283.5	283.1	282.4
72.5°	275.4	279.3	282.4	285.1	286.8	288.0	288.2	288.6	288.6	287.8	287.0
75°	279.7	283.1	286.3	289.1	290.8	292.3	292.8	293.5	292.9	292.2	291.7
77.5°	282.7	286.2	289.8	292.0	293.9	295.2	296.5	296.8	297.0	296.5	295.1
80°	285.2	288.7	291.8	294.2	296.8	298.6	299.3	300.0	299.8	299.0	298.5
82.5°	286.7	290.8	294.0	296.7	298.5	300.2	301.1	302.1	301.9	301.8	301.1
85°	288.3	292.0	294.7	297.3	299.3	300.9	302.6	302.9	303.1	303.2	303.2
87.5°	289.0	292.4	295.8	297.8	300.3	301.3	302.2	302.6	303.2	303.0	303.2
90°	289.0	292.6	295.2	297.9	300.5	301.4	302.3	302.3	302.3	302.3	301.4
92.5°	289.0	292.4	295.8	297.8	300.3	301.3	302.2	302.6	303.2	303.0	303.2
95°	288.3	292.0	294.7	297.3	299.3	300.9	302.6	302.9	303.1	303.2	303.2
97.5°	286.7	290.8	294.0	296.7	298.5	300.2	301.1	302.1	301.9	301.8	301.1
100°	285.2	288.7	291.8	294.2	296.8	298.6	299.3	300.0	299.8	299.0	298.5
102.5°	282.7	286.2	289.8	292.0	293.9	295.2	296.5	296.8	297.0	296.5	295.1
105°	279.7	283.1	286.3	289.1	290.8	292.3	292.8	293.5	292.9	292.2	291.7
107.5°	275.4	279.3	282.4	285.1	286.8	288.0	288.2	288.6	288.6	287.8	287.0
110°	270.6	274.7	277.9	280.3	281.9	282.9	284.1	284.1	283.5	283.1	282.4



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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°	265.4	269.6	272.7	275.1	276.7	277.4	278.3	278.6	278.4	277.9	277.5
115°	259.7	263.4	266.4	269.1	270.6	271.5	272.3	272.5	272.4	271.8	271.3
117.5°	253.6	257.2	259.8	261.7	263.7	265.0	266.0	266.0	265.6	265.1	264.8
120°	247.1	250.4	252.5	254.4	256.1	257.5	258.8	259.0	258.9	258.2	257.7
122.5°	239.6	242.4	245.1	247.1	248.9	249.8	251.0	250.8	251.3	250.6	250.4
125°	231.8	234.4	236.7	239.1	240.6	241.5	241.9	242.6	242.8	242.1	242.3
127.5°	223.1	226.2	228.4	230.5	231.9	232.4	233.3	233.9	233.8	233.4	233.1
130°	214.0	216.7	219.3	221.5	222.5	223.2	224.1	224.6	224.1	223.8	223.8
132.5°	205.0	207.4	209.6	211.4	212.6	213.6	214.4	214.6	214.4	214.4	214.1
135°	195.4	197.7	200.3	201.4	202.5	203.9	204.2	204.4	204.3	204.4	204.2
137.5°	185.1	187.6	189.2	190.7	192.3	193.5	194.1	194.3	194.2	194.0	193.8
140°	174.3	176.9	178.7	180.1	181.5	182.5	183.1	183.4	183.7	183.7	183.6
142.5°	163.2	165.6	167.5	168.9	169.9	171.0	171.7	172.0	172.2	172.1	172.1
145°	151.9	154.0	155.9	157.5	158.9	159.7	160.2	160.8	161.1	161.1	162.1
147.5°	139.7	141.7	143.3	145.0	146.3	147.3	148.0	148.5	148.7	148.7	149.0
150°	127.5	129.4	131.1	132.6	133.7	134.6	135.3	135.7	135.9	136.1	136.5
152.5°	115.3	117.1	118.8	120.2	121.1	122.0	122.4	122.6	122.5	123.0	123.2
155°	102.5	104.0	105.1	106.3	107.6	108.6	109.3	109.7	109.9	110.5	110.7
157.5°	89.5	91.2	92.4	93.4	94.2	95.0	95.5	95.9	96.5	96.8	97.4
160°	76.0	77.4	78.8	80.0	80.9	81.4	81.7	82.2	82.7	83.1	83.7
162.5°	63.9	65.1	66.1	67.1	67.8	68.5	69.1	69.6	70.0	70.3	70.7
165°	51.8	52.8	53.6	54.3	54.9	55.5	56.1	56.5	56.8	57.0	57.3
167.5°	39.4	40.2	40.9	41.6	42.4	43.1	43.6	44.0	44.3	44.5	44.8
170°	27.9	28.6	29.1	29.7	30.1	30.5	30.8	31.0	31.2	31.6	31.4
172.5°	18.2	18.6	19.0	19.3	19.5	19.7	19.8	19.9	19.9	20.1	19.9
175°	10.0	10.1	10.2	10.2	10.3	10.3	10.3	10.2	10.3	10.2	10.0
177.5°	4.5	4.5	4.6	4.6	4.6	4.6	4.7	4.7	4.6	4.6	4.5
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°	4.5	4.4
5°	9.9	9.7
7.5°	19.6	19.4
10°	31.1	30.9
12.5°	44.5	44.2
15°	56.9	56.6
17.5°	70.2	69.8
20°	83.4	83.1
22.5°	96.9	96.3
25°	110.9	110.5
27.5°	123.3	122.9
30°	136.6	136.1
32.5°	149.1	148.5
35°	163.2	163.5
37.5°	172.2	171.5
40°	183.7	183.0
42.5°	195.9	197.1
45°	204.2	203.3
47.5°	214.4	213.9
50°	225.2	226.3
52.5°	234.9	237.8
55°	242.6	241.3
57.5°	250.6	249.2
60°	258.0	257.2
62.5°	264.9	264.3
65°	271.1	270.5
67.5°	276.7	275.8
70°	281.9	281.1
72.5°	286.6	286.4
75°	291.2	290.8
77.5°	294.9	294.3
80°	298.1	297.0
82.5°	300.8	299.6
85°	302.4	301.4
87.5°	303.2	302.3
90°	301.4	302.3
92.5°	303.2	302.3
95°	302.4	301.4
97.5°	300.8	299.6
100°	298.1	297.0
102.5°	294.9	294.3
105°	291.2	290.8
107.5°	286.6	286.4
110°	281.9	281.1





TEST NUMBER: P231891

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	276.7	275.8
115°	271.1	270.5
117.5°	264.9	264.3
120°	258.0	257.2
122.5°	250.6	249.2
125°	242.6	241.3
127.5°	234.9	237.8
130°	225.2	226.3
132.5°	214.4	213.9
135°	204.2	203.3
137.5°	195.9	197.1
140°	183.7	183.0
142.5°	172.2	171.5
145°	163.2	163.5
147.5°	149.1	148.5
150°	136.6	136.1
152.5°	123.3	122.9
155°	110.9	110.5
157.5°	96.9	96.3
160°	83.4	83.1
162.5°	70.2	69.8
165°	56.9	56.6
167.5°	44.5	44.2
170°	31.1	30.9
172.5°	19.6	19.4
175°	9.9	9.7
177.5°	4.5	4.4
180°	0.0	0.0

(END OF REPORT)