

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: P231895

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

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231895  
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-LD4-50-1HI-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**

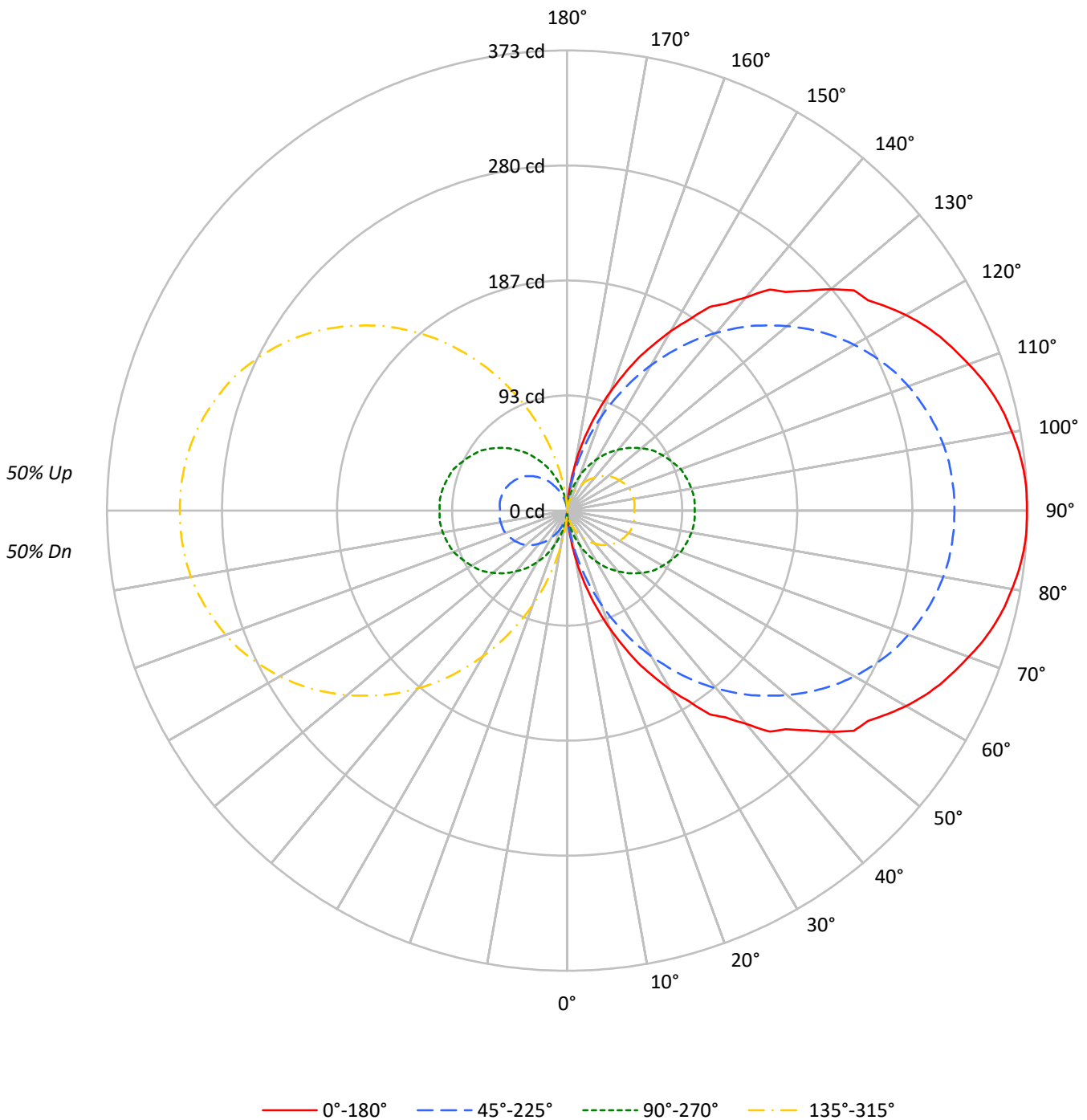
Lumens per Lamp: N/A  
Luminaire Lumens: 1613.4 lumens  
Efficiency: N/A  
Efficacy: 72.7 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 22.2  
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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CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-PFS125-UNV-EDC1

### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	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°	315	130	0	130
10°	896	355	0	355
15°	1494	615	0	615
20°	2032	885	0	885
25°	2533	1204	0	1204
30°	2958	1517	0	1517
35°	3402	1861	0	1861
40°	3678	2212	0	2212
45°	3981	2619	0	2619
50°	4353	3063	0	3063
55°	4596	3600	0	3600
60°	4887	4176	0	4176
65°	5167	4920	0	4920
70°	5439	5933	0	5933
75°	5746	7216	0	7216
80°	6043	9177	0	9177
85°	6369	12421	0	12421



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	0.9	0.1
10°-20°	9.0	0.6
20°-30°	28.0	1.7
30°-40°	55.7	3.5
40°-50°	88.2	5.5
50°-60°	121.2	7.5
60°-70°	150.2	9.3
70°-80°	171.4	10.6
80°-90°	182.1	11.3
90°-100°	182.1	11.3
100°-110°	171.4	10.6
110°-120°	150.2	9.3
120°-130°	121.2	7.5
130°-140°	88.2	5.5
140°-150°	55.7	3.5
150°-160°	28.0	1.7
160°-170°	9.0	0.6
170°-180°	0.9	0.1
0°-30°	37.9	2.3
0°-40°	93.6	5.8
0°-60°	303.0	18.8
0°-90°	806.7	50.0
90°-120°	503.7	31.2
90°-150°	768.9	47.7
90°-180°	807.0	50.0
0°-180°	1613.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	12	4	0	4	12	2
15°	70	21	0	21	70	21
25°	136	39	0	39	136	64
35°	202	57	0	57	202	125
45°	251	72	0	72	251	196
55°	298	85	0	85	298	269
65°	334	94	0	94	334	331
75°	358	100	0	100	358	379
85°	372	104	0	104	372	302
90°	373	104	0	104	373	204
95°	372	104	0	104	372	302
105°	358	100	0	100	358	379
115°	334	94	0	94	334	331
125°	298	85	0	85	298	269
135°	251	72	0	72	251	196
145°	202	57	0	57	202	125
155°	136	39	0	39	136	64
165°	70	21	0	21	70	21
175°	12	4	0	4	12	2
180°	0	0	0	0	0	



TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	5.4	5.5	5.5	5.6	5.7	5.8	5.8	5.7	5.7	5.6	5.6
5°	12.0	12.2	12.4	12.6	12.7	12.6	12.6	12.7	12.6	12.6	12.5
7.5°	24.0	24.3	24.6	24.8	24.6	24.5	24.4	24.3	24.0	23.7	23.3
10°	38.1	38.4	38.7	39.0	38.4	38.2	38.0	37.6	37.1	36.6	35.9
12.5°	54.5	54.9	55.2	54.9	54.7	54.3	53.8	53.2	52.3	51.4	50.5
15°	69.7	70.1	70.6	70.2	70.0	69.7	69.1	68.4	67.7	67.0	66.2
17.5°	86.1	86.6	87.1	86.6	86.4	85.9	85.1	84.4	83.6	82.7	81.6
20°	102.4	102.8	103.2	102.5	102.0	101.4	100.8	100.4	99.7	98.6	97.2
22.5°	118.8	119.5	120.2	119.5	119.0	118.3	117.8	117.1	116.2	115.1	113.9
25°	136.2	136.7	136.5	136.2	135.6	135.2	134.8	133.9	132.7	131.1	129.6
27.5°	151.5	152.1	151.9	151.7	151.1	151.2	151.0	150.4	149.3	148.1	146.4
30°	167.8	168.4	168.2	167.9	167.6	167.4	166.9	166.0	164.9	163.5	161.7
32.5°	183.1	183.8	183.6	183.3	183.3	183.1	182.5	181.6	180.5	178.9	176.7
35°	201.6	201.2	199.8	198.6	198.6	198.2	197.5	196.8	195.8	194.2	192.1
37.5°	211.4	212.2	212.3	212.3	212.4	212.1	211.7	210.8	209.4	208.2	206.5
40°	225.6	226.5	226.4	226.6	226.5	226.1	225.7	225.1	223.7	222.0	220.3
42.5°	243.0	241.5	239.1	239.2	239.5	239.5	239.3	238.6	237.1	235.0	233.3
45°	250.6	251.7	251.7	252.0	251.8	252.1	251.8	251.5	249.7	248.3	247.0
47.5°	263.7	264.3	263.9	264.3	264.4	264.6	264.3	263.5	262.1	260.6	258.5
50°	279.0	277.7	276.0	275.9	276.4	276.9	276.4	275.2	274.4	273.1	270.5
52.5°	293.1	289.6	287.4	287.7	288.3	288.3	287.7	286.6	285.9	284.2	281.6
55°	297.5	299.1	298.8	298.6	299.4	299.1	298.2	297.8	296.6	294.8	291.9
57.5°	307.3	309.0	308.8	309.0	309.8	309.3	309.4	307.9	306.8	304.7	302.2
60°	317.1	318.1	317.7	318.4	319.2	319.4	319.1	317.5	315.8	313.7	311.3
62.5°	325.8	326.5	326.4	326.9	327.5	328.0	328.0	326.6	325.1	322.8	320.3
65°	333.5	334.3	334.5	335.1	335.9	336.0	335.7	334.8	333.6	331.8	328.5
67.5°	340.0	341.2	342.2	342.7	343.4	343.4	343.1	342.1	341.2	339.2	336.2
70°	346.5	347.6	348.2	349.0	349.5	350.3	350.3	348.8	347.6	345.6	342.6
72.5°	353.1	353.4	353.9	354.8	355.9	355.9	355.4	355.2	353.6	351.5	348.2
75°	358.5	359.0	359.7	360.3	361.2	361.9	361.1	360.4	358.5	356.5	353.0
77.5°	362.9	363.6	363.8	365.6	366.2	365.9	365.6	364.1	362.4	359.9	357.3
80°	366.2	367.6	368.0	368.7	369.7	369.8	369.0	368.1	366.0	362.7	359.7
82.5°	369.4	370.9	371.2	372.1	372.2	372.5	371.2	370.1	368.1	365.8	362.4
85°	371.6	372.8	373.8	373.8	373.6	373.5	373.1	371.0	369.0	366.6	363.4
87.5°	372.7	373.8	373.8	373.5	373.8	373.0	372.6	371.5	370.3	367.2	364.7
90°	372.7	371.6	371.6	372.7	372.7	372.7	372.7	371.6	370.5	367.3	364.0
92.5°	372.7	373.8	373.8	373.5	373.8	373.0	372.6	371.5	370.3	367.2	364.7
95°	371.6	372.8	373.8	373.8	373.6	373.5	373.1	371.0	369.0	366.6	363.4
97.5°	369.4	370.9	371.2	372.1	372.2	372.5	371.2	370.1	368.1	365.8	362.4
100°	366.2	367.6	368.0	368.7	369.7	369.8	369.0	368.1	366.0	362.7	359.7
102.5°	362.9	363.6	363.8	365.6	366.2	365.9	365.6	364.1	362.4	359.9	357.3
105°	358.5	359.0	359.7	360.3	361.2	361.9	361.1	360.4	358.5	356.5	353.0
107.5°	353.1	353.4	353.9	354.8	355.9	355.9	355.4	355.2	353.6	351.5	348.2
110°	346.5	347.6	348.2	349.0	349.5	350.3	350.3	348.8	347.6	345.6	342.6



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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°	340.0	341.2	342.2	342.7	343.4	343.4	343.1	342.1	341.2	339.2	336.2
115°	333.5	334.3	334.5	335.1	335.9	336.0	335.7	334.8	333.6	331.8	328.5
117.5°	325.8	326.5	326.4	326.9	327.5	328.0	328.0	326.6	325.1	322.8	320.3
120°	317.1	318.1	317.7	318.4	319.2	319.4	319.1	317.5	315.8	313.7	311.3
122.5°	307.3	309.0	308.8	309.0	309.8	309.3	309.4	307.9	306.8	304.7	302.2
125°	297.5	299.1	298.8	298.6	299.4	299.1	298.2	297.8	296.6	294.8	291.9
127.5°	293.1	289.6	287.4	287.7	288.3	288.3	287.7	286.6	285.9	284.2	281.6
130°	279.0	277.7	276.0	275.9	276.4	276.9	276.4	275.2	274.4	273.1	270.5
132.5°	263.7	264.3	263.9	264.3	264.4	264.6	264.3	263.5	262.1	260.6	258.5
135°	250.6	251.7	251.7	252.0	251.8	252.1	251.8	251.5	249.7	248.3	247.0
137.5°	243.0	241.5	239.1	239.2	239.5	239.5	239.3	238.6	237.1	235.0	233.3
140°	225.6	226.5	226.4	226.6	226.5	226.1	225.7	225.1	223.7	222.0	220.3
142.5°	211.4	212.2	212.3	212.3	212.4	212.1	211.7	210.8	209.4	208.2	206.5
145°	201.6	201.2	199.8	198.6	198.6	198.2	197.5	196.8	195.8	194.2	192.1
147.5°	183.1	183.8	183.6	183.3	183.3	183.1	182.5	181.6	180.5	178.9	176.7
150°	167.8	168.4	168.2	167.9	167.6	167.4	166.9	166.0	164.9	163.5	161.7
152.5°	151.5	152.1	151.9	151.7	151.1	151.2	151.0	150.4	149.3	148.1	146.4
155°	136.2	136.7	136.5	136.2	135.6	135.2	134.8	133.9	132.7	131.1	129.6
157.5°	118.8	119.5	120.2	119.5	119.0	118.3	117.8	117.1	116.2	115.1	113.9
160°	102.4	102.8	103.2	102.5	102.0	101.4	100.8	100.4	99.7	98.6	97.2
162.5°	86.1	86.6	87.1	86.6	86.4	85.9	85.1	84.4	83.6	82.7	81.6
165°	69.7	70.1	70.6	70.2	70.0	69.7	69.1	68.4	67.7	67.0	66.2
167.5°	54.5	54.9	55.2	54.9	54.7	54.3	53.8	53.2	52.3	51.4	50.5
170°	38.1	38.4	38.7	39.0	38.4	38.2	38.0	37.6	37.1	36.6	35.9
172.5°	24.0	24.3	24.6	24.8	24.6	24.5	24.4	24.3	24.0	23.7	23.3
175°	12.0	12.2	12.4	12.6	12.7	12.6	12.6	12.7	12.6	12.6	12.5
177.5°	5.4	5.5	5.5	5.6	5.7	5.8	5.8	5.7	5.7	5.6	5.6
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°	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.1	5.0	4.9	4.8
5°	12.4	12.2	12.1	11.9	11.6	11.4	11.1	10.8	10.4	10.0	9.6
7.5°	22.9	22.4	21.8	21.2	20.5	19.7	18.8	18.1	17.3	16.7	16.2
10°	35.2	34.3	33.7	32.9	32.0	31.0	30.0	28.9	27.8	26.6	25.3
12.5°	49.6	48.6	47.4	46.2	44.9	43.6	42.2	40.7	39.0	37.2	35.3
15°	65.2	64.0	62.6	61.0	59.3	57.5	55.6	53.6	51.5	49.4	47.2
17.5°	80.3	78.8	77.2	75.5	73.8	71.8	69.7	67.4	64.9	62.3	59.5
20°	95.4	93.7	92.2	90.4	88.5	86.3	83.8	81.2	78.3	75.2	72.0
22.5°	112.4	110.4	108.2	105.8	103.2	100.6	97.8	94.9	91.7	88.2	84.5
25°	128.2	126.4	124.1	121.5	118.7	115.5	112.1	108.5	104.9	101.0	97.5
27.5°	144.3	142.1	139.7	136.9	133.8	130.5	127.5	122.7	118.3	113.8	109.3
30°	159.5	157.2	154.9	151.5	148.2	144.6	140.7	136.1	131.3	126.6	121.7
32.5°	174.7	172.2	169.3	165.9	162.6	158.8	154.5	149.4	144.3	139.2	133.8
35°	189.8	187.2	184.0	180.7	177.1	173.0	168.4	163.0	157.4	151.8	145.9
37.5°	204.2	201.2	197.8	195.1	190.9	186.4	181.3	176.0	170.3	164.2	157.9
40°	218.2	215.0	211.9	208.2	203.7	198.8	193.5	188.0	182.0	175.7	169.5
42.5°	231.3	228.2	224.7	220.7	216.9	211.1	205.8	200.0	193.7	186.5	179.7
45°	243.8	240.9	237.2	232.9	228.2	223.1	217.5	211.7	204.8	197.7	190.1
47.5°	255.8	252.8	249.2	244.9	239.9	234.4	228.6	222.1	214.9	207.8	200.2
50°	267.2	263.9	260.6	256.3	251.7	245.5	239.4	232.7	225.2	217.4	209.8
52.5°	278.8	275.1	271.3	266.9	261.6	256.0	249.5	242.6	236.1	227.1	218.7
55°	289.0	285.7	281.5	276.7	271.5	265.7	259.5	252.0	244.3	236.0	228.0
57.5°	298.9	295.4	291.4	286.4	280.8	274.8	268.2	260.8	252.7	243.9	235.4
60°	308.7	304.7	300.1	295.7	289.7	283.0	276.1	268.8	260.6	251.8	242.7
62.5°	317.1	312.7	307.9	302.9	298.0	291.0	283.7	276.1	267.9	258.9	249.8
65°	324.8	320.2	315.7	309.8	304.6	298.2	290.9	283.0	274.8	265.6	256.0
67.5°	332.4	327.3	322.5	316.9	310.9	304.6	297.1	289.4	281.0	271.6	261.6
70°	338.7	333.7	329.5	323.2	316.8	310.0	302.4	294.5	286.5	277.1	266.6
72.5°	344.4	339.5	334.3	328.4	321.9	314.6	307.1	299.0	290.3	281.4	270.8
75°	349.0	344.8	339.1	332.9	326.4	318.9	311.3	303.3	295.0	285.3	274.7
77.5°	352.8	348.6	342.4	336.3	329.3	322.4	314.9	306.8	297.8	288.3	278.1
80°	355.9	351.7	345.9	339.4	332.8	325.4	317.6	309.6	300.3	291.0	280.7
82.5°	358.5	353.5	348.1	341.9	335.2	327.3	319.7	311.8	302.4	293.5	282.7
85°	360.0	355.6	350.0	343.6	336.9	328.8	321.3	313.0	303.3	294.6	284.4
87.5°	360.5	356.4	350.9	344.4	337.8	330.2	322.6	313.9	304.0	295.3	285.1
90°	360.7	356.4	350.9	344.4	337.8	330.2	322.6	313.9	304.0	295.3	284.4
92.5°	360.5	356.4	350.9	344.4	337.8	330.2	322.6	313.9	304.0	295.3	285.1
95°	360.0	355.6	350.0	343.6	336.9	328.8	321.3	313.0	303.3	294.6	284.4
97.5°	358.5	353.5	348.1	341.9	335.2	327.3	319.7	311.8	302.4	293.5	282.7
100°	355.9	351.7	345.9	339.4	332.8	325.4	317.6	309.6	300.3	291.0	280.7
102.5°	352.8	348.6	342.4	336.3	329.3	322.4	314.9	306.8	297.8	288.3	278.1
105°	349.0	344.8	339.1	332.9	326.4	318.9	311.3	303.3	295.0	285.3	274.7
107.5°	344.4	339.5	334.3	328.4	321.9	314.6	307.1	299.0	290.3	281.4	270.8
110°	338.7	333.7	329.5	323.2	316.8	310.0	302.4	294.5	286.5	277.1	266.6





TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	332.4	327.3	322.5	316.9	310.9	304.6	297.1	289.4	281.0	271.6	261.6
115°	324.8	320.2	315.7	309.8	304.6	298.2	290.9	283.0	274.8	265.6	256.0
117.5°	317.1	312.7	307.9	302.9	298.0	291.0	283.7	276.1	267.9	258.9	249.8
120°	308.7	304.7	300.1	295.7	289.7	283.0	276.1	268.8	260.6	251.8	242.7
122.5°	298.9	295.4	291.4	286.4	280.8	274.8	268.2	260.8	252.7	243.9	235.4
125°	289.0	285.7	281.5	276.7	271.5	265.7	259.5	252.0	244.3	236.0	228.0
127.5°	278.8	275.1	271.3	266.9	261.6	256.0	249.5	242.6	236.1	227.1	218.7
130°	267.2	263.9	260.6	256.3	251.7	245.5	239.4	232.7	225.2	217.4	209.8
132.5°	255.8	252.8	249.2	244.9	239.9	234.4	228.6	222.1	214.9	207.8	200.2
135°	243.8	240.9	237.2	232.9	228.2	223.1	217.5	211.7	204.8	197.7	190.1
137.5°	231.3	228.2	224.7	220.7	216.9	211.1	205.8	200.0	193.7	186.5	179.7
140°	218.2	215.0	211.9	208.2	203.7	198.8	193.5	188.0	182.0	175.7	169.5
142.5°	204.2	201.2	197.8	195.1	190.9	186.4	181.3	176.0	170.3	164.2	157.9
145°	189.8	187.2	184.0	180.7	177.1	173.0	168.4	163.0	157.4	151.8	145.9
147.5°	174.7	172.2	169.3	165.9	162.6	158.8	154.5	149.4	144.3	139.2	133.8
150°	159.5	157.2	154.9	151.5	148.2	144.6	140.7	136.1	131.3	126.6	121.7
152.5°	144.3	142.1	139.7	136.9	133.8	130.5	127.5	122.7	118.3	113.8	109.3
155°	128.2	126.4	124.1	121.5	118.7	115.5	112.1	108.5	104.9	101.0	97.5
157.5°	112.4	110.4	108.2	105.8	103.2	100.6	97.8	94.9	91.7	88.2	84.5
160°	95.4	93.7	92.2	90.4	88.5	86.3	83.8	81.2	78.3	75.2	72.0
162.5°	80.3	78.8	77.2	75.5	73.8	71.8	69.7	67.4	64.9	62.3	59.5
165°	65.2	64.0	62.6	61.0	59.3	57.5	55.6	53.6	51.5	49.4	47.2
167.5°	49.6	48.6	47.4	46.2	44.9	43.6	42.2	40.7	39.0	37.2	35.3
170°	35.2	34.3	33.7	32.9	32.0	31.0	30.0	28.9	27.8	26.6	25.3
172.5°	22.9	22.4	21.8	21.2	20.5	19.7	18.8	18.1	17.3	16.7	16.2
175°	12.4	12.2	12.1	11.9	11.6	11.4	11.1	10.8	10.4	10.0	9.6
177.5°	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.1	5.0	4.9	4.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	4.6	4.5	4.4	4.2	4.1	3.9	3.7	3.6	3.4	3.2	3.0
5°	9.2	8.7	8.3	8.0	7.7	7.4	7.1	6.8	6.5	6.2	5.8
7.5°	15.7	15.1	14.5	13.8	13.1	12.4	11.6	11.2	10.8	10.4	10.0
10°	24.0	22.6	21.2	20.2	19.3	18.3	17.3	16.2	15.1	14.5	14.1
12.5°	33.6	32.0	30.3	28.6	26.7	25.2	24.0	22.6	21.2	19.7	18.9
15°	44.9	42.5	40.2	37.9	35.8	33.6	31.3	29.6	27.8	25.9	23.9
17.5°	56.9	53.6	50.6	47.5	44.6	42.1	39.6	36.9	34.6	32.4	30.1
20°	68.6	65.0	61.3	57.9	54.4	50.7	47.8	44.8	41.6	39.0	36.4
22.5°	80.6	76.5	72.3	67.9	63.9	59.9	55.7	52.2	48.7	45.2	42.2
25°	92.6	88.1	83.4	78.4	73.4	69.0	64.5	60.1	55.9	51.5	48.2
27.5°	104.5	99.6	94.4	89.0	83.9	78.5	73.3	67.9	62.8	58.0	53.7
30°	116.4	110.9	105.2	99.3	93.4	87.5	81.5	75.4	69.5	64.2	59.2
32.5°	128.2	122.2	116.0	109.6	103.0	96.4	89.8	83.0	76.4	70.5	65.1
35°	139.8	133.3	126.6	119.7	112.7	105.3	97.9	90.7	83.5	76.9	71.1
37.5°	151.0	143.8	136.5	129.4	122.8	114.3	106.2	98.0	90.4	83.2	77.0
40°	162.4	154.4	146.5	138.5	130.9	122.7	114.1	105.6	97.4	89.7	82.8
42.5°	172.6	164.5	156.2	147.7	139.3	131.1	121.7	112.6	103.7	95.4	87.7
45°	182.2	173.6	165.4	156.6	147.6	138.5	128.9	119.0	109.7	100.7	92.3
47.5°	192.1	183.3	174.4	165.5	155.8	146.1	135.9	125.5	115.5	106.0	96.9
50°	201.3	192.4	183.3	173.2	163.1	152.9	142.7	131.9	121.3	111.1	101.5
52.5°	209.9	200.4	191.2	181.2	170.5	159.4	148.9	138.0	126.9	116.2	106.2
55°	218.2	208.2	198.4	188.4	177.3	165.8	154.7	143.6	132.4	121.3	110.9
57.5°	225.9	215.8	205.6	194.7	183.6	172.0	160.4	148.9	137.5	125.6	114.8
60°	233.0	223.1	212.2	201.1	189.5	177.7	166.3	154.0	142.2	129.7	118.4
62.5°	239.6	229.6	218.9	207.4	195.4	182.8	171.5	158.5	146.1	133.4	121.5
65°	245.8	235.3	224.6	212.5	200.2	187.6	175.5	162.3	149.4	136.7	124.5
67.5°	251.2	240.0	229.6	217.2	204.6	192.0	179.2	166.0	153.0	140.5	128.3
70°	256.0	245.0	233.6	221.8	208.6	195.9	182.8	169.3	155.8	142.6	130.0
72.5°	259.9	248.9	237.9	225.6	212.4	199.2	185.9	172.3	158.5	145.2	132.1
75°	263.5	252.3	240.8	228.4	215.4	202.0	188.5	174.9	161.3	147.7	134.3
77.5°	266.8	255.4	243.4	230.8	218.0	204.5	190.6	177.1	163.3	149.2	135.5
80°	269.2	257.9	245.5	232.8	219.9	206.7	192.2	179.1	165.1	150.4	136.5
82.5°	271.1	259.9	247.3	234.4	221.5	208.4	193.9	180.5	165.9	151.4	137.8
85°	272.5	260.8	248.8	235.8	222.8	210.2	196.1	181.9	166.7	152.6	138.4
87.5°	273.5	261.9	249.6	236.5	223.9	210.3	195.7	181.5	167.2	152.6	138.4
90°	273.5	262.6	249.6	236.5	224.5	210.3	195.1	180.9	167.8	152.6	138.4
92.5°	273.5	261.9	249.6	236.5	223.9	210.3	195.7	181.5	167.2	152.6	138.4
95°	272.5	260.8	248.8	235.8	222.8	210.2	196.1	181.9	166.7	152.6	138.4
97.5°	271.1	259.9	247.3	234.4	221.5	208.4	193.9	180.5	165.9	151.4	137.8
100°	269.2	257.9	245.5	232.8	219.9	206.7	192.2	179.1	165.1	150.4	136.5
102.5°	266.8	255.4	243.4	230.8	218.0	204.5	190.6	177.1	163.3	149.2	135.5
105°	263.5	252.3	240.8	228.4	215.4	202.0	188.5	174.9	161.3	147.7	134.3
107.5°	259.9	248.9	237.9	225.6	212.4	199.2	185.9	172.3	158.5	145.2	132.1
110°	256.0	245.0	233.6	221.8	208.6	195.9	182.8	169.3	155.8	142.6	130.0



TEST NUMBER: P231895

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	251.2	240.0	229.6	217.2	204.6	192.0	179.2	166.0	153.0	140.5	128.3
115°	245.8	235.3	224.6	212.5	200.2	187.6	175.5	162.3	149.4	136.7	124.5
117.5°	239.6	229.6	218.9	207.4	195.4	182.8	171.5	158.5	146.1	133.4	121.5
120°	233.0	223.1	212.2	201.1	189.5	177.7	166.3	154.0	142.2	129.7	118.4
122.5°	225.9	215.8	205.6	194.7	183.6	172.0	160.4	148.9	137.5	125.6	114.8
125°	218.2	208.2	198.4	188.4	177.3	165.8	154.7	143.6	132.4	121.3	110.9
127.5°	209.9	200.4	191.2	181.2	170.5	159.4	148.9	138.0	126.9	116.2	106.2
130°	201.3	192.4	183.3	173.2	163.1	152.9	142.7	131.9	121.3	111.1	101.5
132.5°	192.1	183.3	174.4	165.5	155.8	146.1	135.9	125.5	115.5	106.0	96.9
135°	182.2	173.6	165.4	156.6	147.6	138.5	128.9	119.0	109.7	100.7	92.3
137.5°	172.6	164.5	156.2	147.7	139.3	131.1	121.7	112.6	103.7	95.4	87.7
140°	162.4	154.4	146.5	138.5	130.9	122.7	114.1	105.6	97.4	89.7	82.8
142.5°	151.0	143.8	136.5	129.4	122.8	114.3	106.2	98.0	90.4	83.2	77.0
145°	139.8	133.3	126.6	119.7	112.7	105.3	97.9	90.7	83.5	76.9	71.1
147.5°	128.2	122.2	116.0	109.6	103.0	96.4	89.8	83.0	76.4	70.5	65.1
150°	116.4	110.9	105.2	99.3	93.4	87.5	81.5	75.4	69.5	64.2	59.2
152.5°	104.5	99.6	94.4	89.0	83.9	78.5	73.3	67.9	62.8	58.0	53.7
155°	92.6	88.1	83.4	78.4	73.4	69.0	64.5	60.1	55.9	51.5	48.2
157.5°	80.6	76.5	72.3	67.9	63.9	59.9	55.7	52.2	48.7	45.2	42.2
160°	68.6	65.0	61.3	57.9	54.4	50.7	47.8	44.8	41.6	39.0	36.4
162.5°	56.9	53.6	50.6	47.5	44.6	42.1	39.6	36.9	34.6	32.4	30.1
165°	44.9	42.5	40.2	37.9	35.8	33.6	31.3	29.6	27.8	25.9	23.9
167.5°	33.6	32.0	30.3	28.6	26.7	25.2	24.0	22.6	21.2	19.7	18.9
170°	24.0	22.6	21.2	20.2	19.3	18.3	17.3	16.2	15.1	14.5	14.1
172.5°	15.7	15.1	14.5	13.8	13.1	12.4	11.6	11.2	10.8	10.4	10.0
175°	9.2	8.7	8.3	8.0	7.7	7.4	7.1	6.8	6.5	6.2	5.8
177.5°	4.6	4.5	4.4	4.2	4.1	3.9	3.7	3.6	3.4	3.2	3.0
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: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	2.8	2.6	2.4	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9
5°	5.5	5.1	4.8	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.6
7.5°	9.6	9.1	8.7	8.2	8.0	7.9	7.7	7.5	7.2	7.0	6.7
10°	13.6	13.1	12.6	12.0	11.8	11.6	11.3	11.0	10.7	10.4	10.0
12.5°	18.3	17.7	17.0	16.4	16.1	15.8	15.5	15.1	14.7	14.2	13.7
15°	23.0	22.3	21.5	20.7	20.4	20.0	19.6	19.2	18.7	18.2	17.6
17.5°	28.2	27.2	26.2	25.1	24.7	24.3	23.8	23.3	22.7	22.1	21.5
20°	33.7	32.3	30.9	29.4	29.0	28.5	28.0	27.4	26.8	26.1	25.6
22.5°	39.1	37.2	36.1	34.9	34.0	33.1	32.2	31.6	30.9	30.4	29.9
25°	45.2	42.7	41.0	39.2	38.7	38.1	37.4	36.7	35.9	35.1	34.2
27.5°	50.5	47.5	45.6	43.6	43.1	42.4	41.7	41.0	40.2	39.2	38.2
30°	55.7	52.1	50.1	48.0	47.4	46.7	46.0	45.2	44.2	43.2	42.2
32.5°	60.9	57.0	54.6	52.4	51.7	51.0	49.9	48.8	47.9	46.9	45.9
35°	66.1	61.9	59.1	56.7	56.0	55.1	53.7	52.5	51.5	50.4	49.3
37.5°	71.2	66.5	63.1	60.5	59.8	58.9	57.6	56.5	55.5	54.1	52.8
40°	76.3	71.0	67.1	64.3	63.6	62.7	61.8	60.7	59.4	57.7	56.3
42.5°	80.6	75.2	71.0	68.1	66.9	65.9	65.1	64.1	62.7	61.1	59.7
45°	84.9	79.3	75.0	71.9	70.3	69.1	68.2	67.2	66.0	64.5	62.7
47.5°	89.1	83.0	78.4	75.2	73.5	72.4	71.4	70.3	69.2	67.6	65.6
50°	93.4	86.7	81.8	78.5	76.8	75.6	74.6	73.5	72.3	70.5	68.5
52.5°	97.5	90.4	85.2	81.8	80.0	78.8	77.6	76.2	75.1	73.1	71.1
55°	101.7	94.1	88.6	85.0	83.2	82.0	80.5	78.8	77.6	75.5	73.9
57.5°	105.0	96.7	90.8	87.2	85.8	84.3	82.8	81.5	80.1	78.0	76.5
60°	108.2	99.2	93.1	89.4	88.4	86.6	85.2	84.1	82.5	80.4	78.6
62.5°	111.1	102.1	95.4	91.6	90.1	88.6	87.4	86.0	84.4	82.5	80.4
65°	113.7	105.1	97.7	93.7	91.7	90.6	89.5	87.8	86.2	84.5	82.3
67.5°	116.2	106.7	99.9	95.9	93.9	92.7	91.6	89.8	87.8	85.7	83.6
70°	118.9	109.1	102.1	98.1	96.0	93.9	92.7	91.6	89.7	87.4	85.2
72.5°	120.5	110.4	103.3	99.2	97.1	95.5	94.3	92.8	90.8	88.7	86.5
75°	121.9	111.7	104.6	100.3	98.2	97.0	95.9	93.9	91.7	89.6	87.4
77.5°	122.9	112.9	105.7	101.4	99.2	97.6	96.5	94.9	92.7	90.6	88.4
80°	123.7	114.4	106.8	102.4	100.3	98.2	97.0	95.9	93.8	91.6	89.4
82.5°	124.7	114.9	107.3	103.0	100.8	98.7	97.6	96.0	94.3	92.1	90.0
85°	125.3	115.5	107.9	103.5	101.3	99.2	98.1	95.9	94.8	92.6	90.5
87.5°	125.3	115.5	107.9	103.5	101.3	99.8	98.1	96.4	94.8	92.6	90.5
90°	125.3	115.5	107.9	103.5	101.3	100.3	98.1	97.0	94.8	92.6	90.5
92.5°	125.3	115.5	107.9	103.5	101.3	99.8	98.1	96.4	94.8	92.6	90.5
95°	125.3	115.5	107.9	103.5	101.3	99.2	98.1	95.9	94.8	92.6	90.5
97.5°	124.7	114.9	107.3	103.0	100.8	98.7	97.6	96.0	94.3	92.1	90.0
100°	123.7	114.4	106.8	102.4	100.3	98.2	97.0	95.9	93.8	91.6	89.4
102.5°	122.9	112.9	105.7	101.4	99.2	97.6	96.5	94.9	92.7	90.6	88.4
105°	121.9	111.7	104.6	100.3	98.2	97.0	95.9	93.9	91.7	89.6	87.4
107.5°	120.5	110.4	103.3	99.2	97.1	95.5	94.3	92.8	90.8	88.7	86.5
110°	118.9	109.1	102.1	98.1	96.0	93.9	92.7	91.6	89.7	87.4	85.2



TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	116.2	106.7	99.9	95.9	93.9	92.7	91.6	89.8	87.8	85.7	83.6
115°	113.7	105.1	97.7	93.7	91.7	90.6	89.5	87.8	86.2	84.5	82.3
117.5°	111.1	102.1	95.4	91.6	90.1	88.6	87.4	86.0	84.4	82.5	80.4
120°	108.2	99.2	93.1	89.4	88.4	86.6	85.2	84.1	82.5	80.4	78.6
122.5°	105.0	96.7	90.8	87.2	85.8	84.3	82.8	81.5	80.1	78.0	76.5
125°	101.7	94.1	88.6	85.0	83.2	82.0	80.5	78.8	77.6	75.5	73.9
127.5°	97.5	90.4	85.2	81.8	80.0	78.8	77.6	76.2	75.1	73.1	71.1
130°	93.4	86.7	81.8	78.5	76.8	75.6	74.6	73.5	72.3	70.5	68.5
132.5°	89.1	83.0	78.4	75.2	73.5	72.4	71.4	70.3	69.2	67.6	65.6
135°	84.9	79.3	75.0	71.9	70.3	69.1	68.2	67.2	66.0	64.5	62.7
137.5°	80.6	75.2	71.0	68.1	66.9	65.9	65.1	64.1	62.7	61.1	59.7
140°	76.3	71.0	67.1	64.3	63.6	62.7	61.8	60.7	59.4	57.7	56.3
142.5°	71.2	66.5	63.1	60.5	59.8	58.9	57.6	56.5	55.5	54.1	52.8
145°	66.1	61.9	59.1	56.7	56.0	55.1	53.7	52.5	51.5	50.4	49.3
147.5°	60.9	57.0	54.6	52.4	51.7	51.0	49.9	48.8	47.9	46.9	45.9
150°	55.7	52.1	50.1	48.0	47.4	46.7	46.0	45.2	44.2	43.2	42.2
152.5°	50.5	47.5	45.6	43.6	43.1	42.4	41.7	41.0	40.2	39.2	38.2
155°	45.2	42.7	41.0	39.2	38.7	38.1	37.4	36.7	35.9	35.1	34.2
157.5°	39.1	37.2	36.1	34.9	34.0	33.1	32.2	31.6	30.9	30.4	29.9
160°	33.7	32.3	30.9	29.4	29.0	28.5	28.0	27.4	26.8	26.1	25.6
162.5°	28.2	27.2	26.2	25.1	24.7	24.3	23.8	23.3	22.7	22.1	21.5
165°	23.0	22.3	21.5	20.7	20.4	20.0	19.6	19.2	18.7	18.2	17.6
167.5°	18.3	17.7	17.0	16.4	16.1	15.8	15.5	15.1	14.7	14.2	13.7
170°	13.6	13.1	12.6	12.0	11.8	11.6	11.3	11.0	10.7	10.4	10.0
172.5°	9.6	9.1	8.7	8.2	8.0	7.9	7.7	7.5	7.2	7.0	6.7
175°	5.5	5.1	4.8	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.6
177.5°	2.8	2.6	2.4	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.3
5°	3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
7.5°	6.4	6.2	5.9	5.7	5.4	5.2	4.9	4.6	4.3	4.0	3.7
10°	9.6	9.3	8.9	8.5	8.1	7.8	7.5	7.2	6.8	6.4	6.0
12.5°	13.2	12.7	12.1	11.7	11.2	10.7	10.3	9.8	9.1	8.5	7.9
15°	17.0	16.4	15.7	15.1	14.5	13.9	13.2	12.4	11.6	10.7	9.9
17.5°	20.8	20.1	19.3	18.6	17.9	17.2	16.5	15.5	14.6	13.6	12.7
20°	25.1	24.4	23.6	22.7	21.8	20.8	19.6	18.5	17.2	16.0	14.9
22.5°	29.4	28.5	27.5	26.4	25.3	24.1	22.8	21.5	20.2	18.8	17.5
25°	33.3	32.2	31.1	29.9	28.7	27.4	26.0	24.6	23.1	21.7	20.3
27.5°	37.2	36.0	34.8	33.5	32.1	30.7	29.2	27.6	26.0	24.3	22.6
30°	41.0	39.8	38.5	37.0	35.4	33.9	32.4	30.8	29.1	27.3	25.4
32.5°	44.7	43.5	42.0	40.0	38.4	36.9	35.3	33.7	32.0	30.2	28.2
35°	48.1	46.8	45.1	43.3	41.5	39.9	38.2	36.5	34.7	32.8	30.7
37.5°	51.5	50.2	48.7	46.6	44.7	43.0	41.2	39.4	37.3	34.8	32.6
40°	55.0	53.6	51.8	49.6	47.9	46.1	44.3	42.2	39.6	37.1	34.9
42.5°	58.4	57.0	54.9	52.8	51.1	49.0	46.9	44.5	41.9	39.3	37.2
45°	61.3	59.6	57.4	55.9	53.9	51.5	49.1	46.5	43.9	41.6	39.5
47.5°	64.2	62.3	60.3	58.7	56.4	53.9	51.4	48.8	46.1	43.5	41.2
50°	66.6	64.9	63.0	61.0	58.8	56.4	53.8	51.1	48.3	45.7	43.5
52.5°	69.3	67.8	65.5	63.2	60.8	58.3	55.8	53.2	50.6	47.8	45.1
55°	72.1	70.0	67.7	65.3	62.9	60.3	57.8	55.2	52.1	49.4	46.6
57.5°	74.4	72.2	69.9	67.6	65.1	62.0	59.4	56.7	53.4	50.7	47.8
60°	76.3	74.0	71.7	69.4	66.8	63.5	61.0	58.3	55.2	52.1	49.2
62.5°	78.1	75.9	73.5	71.2	68.2	65.3	62.6	59.7	56.6	53.0	50.1
65°	80.0	77.7	74.8	72.5	69.7	66.9	63.9	60.9	57.9	54.4	51.3
67.5°	81.4	79.1	76.3	73.9	71.4	68.2	64.9	62.2	59.1	55.7	52.1
70°	82.9	80.4	78.0	75.4	72.2	69.0	66.2	63.5	60.1	56.6	53.1
72.5°	84.3	81.5	78.8	76.1	73.2	70.5	67.4	64.0	60.7	57.4	53.9
75°	85.2	82.3	79.7	76.8	73.8	71.0	68.0	64.6	61.2	57.9	54.2
77.5°	85.9	83.0	80.5	77.6	74.3	71.6	68.7	65.4	61.5	57.9	54.4
80°	86.4	83.9	80.9	78.4	75.2	72.1	69.0	65.7	61.6	58.1	54.8
82.5°	86.8	84.5	81.3	78.7	75.6	72.3	69.1	65.9	61.8	58.3	55.0
85°	87.2	85.0	81.7	78.6	75.4	72.1	68.9	65.6	62.0	58.7	54.8
87.5°	87.2	85.0	81.7	79.6	76.3	73.0	69.7	65.4	62.1	58.8	54.5
90°	87.2	85.0	81.7	79.0	75.7	72.4	69.1	65.5	62.2	58.9	54.6
92.5°	87.2	85.0	81.7	78.6	75.4	72.1	68.9	65.6	62.0	58.7	54.8
95°	87.2	85.0	81.7	78.6	75.4	72.1	68.9	65.6	62.0	58.7	54.8
97.5°	86.8	84.5	81.3	78.7	75.6	72.3	69.1	65.9	61.8	58.3	55.0
100°	86.4	83.9	80.9	78.4	75.2	72.1	69.0	65.7	61.6	58.1	54.8
102.5°	85.9	83.0	80.5	77.6	74.3	71.6	68.7	65.4	61.5	57.9	54.4
105°	85.2	82.3	79.7	76.8	73.8	71.0	68.0	64.6	61.2	57.9	54.2
107.5°	84.3	81.5	78.8	76.1	73.2	70.5	67.4	64.0	60.7	57.4	53.9
110°	82.9	80.4	78.0	75.4	72.2	69.0	66.2	63.5	60.1	56.6	53.1



TEST NUMBER: P231895

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	81.4	79.1	76.3	73.9	71.4	68.2	64.9	62.2	59.1	55.7	52.1
115°	80.0	77.7	74.8	72.5	69.7	66.9	63.9	60.9	57.9	54.4	51.3
117.5°	78.1	75.9	73.5	71.2	68.2	65.3	62.6	59.7	56.6	53.0	50.1
120°	76.3	74.0	71.7	69.4	66.8	63.5	61.0	58.3	55.2	52.1	49.2
122.5°	74.4	72.2	69.9	67.6	65.1	62.0	59.4	56.7	53.4	50.7	47.8
125°	72.1	70.0	67.7	65.3	62.9	60.3	57.8	55.2	52.1	49.4	46.6
127.5°	69.3	67.8	65.5	63.2	60.8	58.3	55.8	53.2	50.6	47.8	45.1
130°	66.6	64.9	63.0	61.0	58.8	56.4	53.8	51.1	48.3	45.7	43.5
132.5°	64.2	62.3	60.3	58.7	56.4	53.9	51.4	48.8	46.1	43.5	41.2
135°	61.3	59.6	57.4	55.9	53.9	51.5	49.1	46.5	43.9	41.6	39.5
137.5°	58.4	57.0	54.9	52.8	51.1	49.0	46.9	44.5	41.9	39.3	37.2
140°	55.0	53.6	51.8	49.6	47.9	46.1	44.3	42.2	39.6	37.1	34.9
142.5°	51.5	50.2	48.7	46.6	44.7	43.0	41.2	39.4	37.3	34.8	32.6
145°	48.1	46.8	45.1	43.3	41.5	39.9	38.2	36.5	34.7	32.8	30.7
147.5°	44.7	43.5	42.0	40.0	38.4	36.9	35.3	33.7	32.0	30.2	28.2
150°	41.0	39.8	38.5	37.0	35.4	33.9	32.4	30.8	29.1	27.3	25.4
152.5°	37.2	36.0	34.8	33.5	32.1	30.7	29.2	27.6	26.0	24.3	22.6
155°	33.3	32.2	31.1	29.9	28.7	27.4	26.0	24.6	23.1	21.7	20.3
157.5°	29.4	28.5	27.5	26.4	25.3	24.1	22.8	21.5	20.2	18.8	17.5
160°	25.1	24.4	23.6	22.7	21.8	20.8	19.6	18.5	17.2	16.0	14.9
162.5°	20.8	20.1	19.3	18.6	17.9	17.2	16.5	15.5	14.6	13.6	12.7
165°	17.0	16.4	15.7	15.1	14.5	13.9	13.2	12.4	11.6	10.7	9.9
167.5°	13.2	12.7	12.1	11.7	11.2	10.7	10.3	9.8	9.1	8.5	7.9
170°	9.6	9.3	8.9	8.5	8.1	7.8	7.5	7.2	6.8	6.4	6.0
172.5°	6.4	6.2	5.9	5.7	5.4	5.2	4.9	4.6	4.3	4.0	3.7
175°	3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
177.5°	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.3
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: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.5
5°	2.2	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	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°	5.6	5.2	4.7	4.3	3.8	3.3	3.1	2.8	2.5	2.3	2.0
12.5°	7.4	6.8	6.2	5.7	5.1	4.5	3.8	3.1	2.5	2.2	1.9
15°	9.1	8.4	7.8	7.1	6.4	5.6	4.9	4.1	3.3	2.5	2.0
17.5°	11.7	10.8	9.9	9.0	8.2	7.3	6.3	5.4	4.5	3.6	2.7
20°	13.9	12.9	11.8	10.7	9.5	8.2	7.1	6.2	5.4	4.5	3.5
22.5°	16.3	15.2	13.9	12.6	11.2	9.9	8.7	7.4	6.3	5.2	4.2
25°	18.8	17.3	15.7	14.2	12.9	11.5	9.9	8.3	6.7	5.6	4.5
27.5°	20.9	19.5	18.1	16.7	15.0	13.1	11.4	9.7	8.1	6.5	5.3
30°	23.7	22.3	20.5	18.5	16.5	14.5	12.4	10.8	9.2	7.6	5.9
32.5°	26.1	24.0	22.2	20.2	18.2	16.0	14.0	12.0	10.3	8.4	6.5
35°	28.7	26.2	23.9	21.9	19.8	17.7	15.5	13.3	11.1	9.2	7.2
37.5°	30.4	28.0	25.6	23.5	21.3	19.0	16.7	14.3	11.9	9.5	7.5
40°	32.8	30.4	27.8	25.3	22.9	20.5	18.0	15.4	12.8	10.2	8.0
42.5°	35.0	32.3	29.5	27.1	24.6	22.0	19.4	16.6	14.0	11.5	9.1
45°	36.8	33.9	31.4	28.8	26.0	23.3	20.3	17.0	14.7	12.2	9.6
47.5°	38.5	35.4	32.7	29.8	26.9	23.9	21.1	18.4	15.3	12.9	10.1
50°	40.4	37.3	34.0	31.3	28.4	25.3	22.4	19.1	15.9	13.5	10.9
52.5°	42.1	39.2	36.1	33.0	29.8	26.5	23.2	20.1	17.1	14.1	11.4
55°	43.1	40.3	37.3	33.7	30.5	27.5	24.3	21.3	18.0	14.8	11.4
57.5°	44.5	41.4	38.3	34.7	31.4	28.3	25.1	21.8	18.3	14.8	11.7
60°	45.7	42.7	39.4	35.7	32.5	29.1	25.8	22.3	18.9	15.2	12.0
62.5°	46.9	43.9	40.2	36.6	33.2	29.6	26.1	22.5	19.4	15.4	11.8
65°	47.9	44.3	40.7	37.1	33.4	30.3	26.8	22.9	18.9	15.3	11.8
67.5°	48.6	45.1	41.3	37.6	34.1	30.9	27.1	23.0	19.1	15.7	12.0
70°	49.3	45.7	42.1	38.3	34.5	30.7	27.2	23.4	19.1	15.1	11.9
72.5°	49.6	46.0	42.5	39.1	35.0	30.8	27.1	23.5	19.7	15.3	11.3
75°	50.0	46.5	43.0	39.4	35.0	31.2	27.5	23.7	19.5	15.4	11.1
77.5°	50.5	47.0	43.4	39.4	35.4	31.7	27.1	23.8	19.5	14.9	11.2
80°	50.7	47.0	43.1	39.3	35.4	31.0	27.0	23.1	19.1	15.0	10.9
82.5°	50.8	47.3	43.1	39.1	35.3	30.9	27.2	23.1	19.0	15.1	10.8
85°	51.0	47.3	43.0	38.9	35.4	31.2	26.9	22.6	18.3	14.2	10.5
87.5°	51.3	47.0	42.6	39.3	35.0	30.7	26.4	22.0	17.6	14.4	10.1
90°	51.2	46.9	42.5	39.2	34.9	30.5	26.2	21.8	17.4	14.2	9.8
92.5°	51.3	47.0	42.6	39.3	35.0	30.7	26.4	22.0	17.6	14.4	10.1
95°	51.0	47.3	43.0	38.9	35.4	31.2	26.9	22.6	18.3	14.2	10.5
97.5°	50.8	47.3	43.1	39.1	35.3	30.9	27.2	23.1	19.0	15.1	10.8
100°	50.7	47.0	43.1	39.3	35.4	31.0	27.0	23.1	19.1	15.0	10.9
102.5°	50.5	47.0	43.4	39.4	35.4	31.7	27.1	23.8	19.5	14.9	11.2
105°	50.0	46.5	43.0	39.4	35.0	31.2	27.5	23.7	19.5	15.4	11.1
107.5°	49.6	46.0	42.5	39.1	35.0	30.8	27.1	23.5	19.7	15.3	11.3
110°	49.3	45.7	42.1	38.3	34.5	30.7	27.2	23.4	19.1	15.1	11.9





TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	48.6	45.1	41.3	37.6	34.1	30.9	27.1	23.0	19.1	15.7	12.0
115°	47.9	44.3	40.7	37.1	33.4	30.3	26.8	22.9	18.9	15.3	11.8
117.5°	46.9	43.9	40.2	36.6	33.2	29.6	26.1	22.5	19.4	15.4	11.8
120°	45.7	42.7	39.4	35.7	32.5	29.1	25.8	22.3	18.9	15.2	12.0
122.5°	44.5	41.4	38.3	34.7	31.4	28.3	25.1	21.8	18.3	14.8	11.7
125°	43.1	40.3	37.3	33.7	30.5	27.5	24.3	21.3	18.0	14.8	11.4
127.5°	42.1	39.2	36.1	33.0	29.8	26.5	23.2	20.1	17.1	14.1	11.4
130°	40.4	37.3	34.0	31.3	28.4	25.3	22.4	19.1	15.9	13.5	10.9
132.5°	38.5	35.4	32.7	29.8	26.9	23.9	21.1	18.4	15.3	12.9	10.1
135°	36.8	33.9	31.4	28.8	26.0	23.3	20.3	17.0	14.7	12.2	9.6
137.5°	35.0	32.3	29.5	27.1	24.6	22.0	19.4	16.6	14.0	11.5	9.1
140°	32.8	30.4	27.8	25.3	22.9	20.5	18.0	15.4	12.8	10.2	8.0
142.5°	30.4	28.0	25.6	23.5	21.3	19.0	16.7	14.3	11.9	9.5	7.5
145°	28.7	26.2	23.9	21.9	19.8	17.7	15.5	13.3	11.1	9.2	7.2
147.5°	26.1	24.0	22.2	20.2	18.2	16.0	14.0	12.0	10.3	8.4	6.5
150°	23.7	22.3	20.5	18.5	16.5	14.5	12.4	10.8	9.2	7.6	5.9
152.5°	20.9	19.5	18.1	16.7	15.0	13.1	11.4	9.7	8.1	6.5	5.3
155°	18.8	17.3	15.7	14.2	12.9	11.5	9.9	8.3	6.7	5.6	4.5
157.5°	16.3	15.2	13.9	12.6	11.2	9.9	8.7	7.4	6.3	5.2	4.2
160°	13.9	12.9	11.8	10.7	9.5	8.2	7.1	6.2	5.4	4.5	3.5
162.5°	11.7	10.8	9.9	9.0	8.2	7.3	6.3	5.4	4.5	3.6	2.7
165°	9.1	8.4	7.8	7.1	6.4	5.6	4.9	4.1	3.3	2.5	2.0
167.5°	7.4	6.8	6.2	5.7	5.1	4.5	3.8	3.1	2.5	2.2	1.9
170°	5.6	5.2	4.7	4.3	3.8	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°	2.2	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0
177.5°	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.5
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: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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	0.4	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.3
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°	1.6	1.3	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
15°	1.7	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
17.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
20°	2.6	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
22.5°	3.2	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
25°	3.4	2.2	1.2	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.2
27.5°	4.0	2.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
30°	4.5	3.1	1.8	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.8
32.5°	4.9	3.6	2.2	1.0	0.7	0.4	0.0	0.4	0.7	1.0	2.2
35°	5.2	3.8	2.5	1.3	0.8	0.4	0.0	0.4	0.8	1.3	2.5
37.5°	5.6	4.0	2.8	1.6	0.8	0.4	0.0	0.4	0.8	1.6	2.8
40°	6.1	4.1	2.8	1.7	0.9	0.5	0.0	0.5	0.9	1.7	2.8
42.5°	6.7	4.5	2.9	1.9	1.0	0.5	0.0	0.5	1.0	1.9	2.9
45°	6.9	5.0	3.2	2.2	1.1	0.5	0.0	0.5	1.1	2.2	3.2
47.5°	7.3	5.2	3.2	1.9	1.2	0.6	0.0	0.6	1.2	1.9	3.2
50°	8.3	5.7	3.4	1.7	0.5	0.0	0.0	0.0	0.5	1.7	3.4
52.5°	8.6	5.7	3.4	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.4
55°	8.0	5.5	3.3	1.4	0.5	0.0	0.0	0.0	0.5	1.4	3.3
57.5°	8.6	5.6	3.4	1.8	0.6	0.0	0.0	0.0	0.6	1.8	3.4
60°	8.9	5.8	3.6	1.9	0.8	0.0	0.0	0.0	0.8	1.9	3.6
62.5°	8.8	5.4	3.3	1.4	1.0	0.0	0.0	0.0	1.0	1.4	3.3
65°	8.4	5.6	3.2	1.3	1.1	0.1	0.0	0.1	1.1	1.3	3.2
67.5°	8.5	5.7	3.2	1.6	0.6	0.0	0.0	0.0	0.6	1.6	3.2
70°	8.7	5.5	3.3	1.6	0.8	0.0	0.0	0.0	0.8	1.6	3.3
72.5°	8.0	5.4	3.1	1.1	0.4	0.0	0.0	0.0	0.4	1.1	3.1
75°	7.6	4.7	2.5	1.2	0.2	0.0	0.0	0.0	0.2	1.2	2.5
77.5°	7.7	4.3	2.2	0.9	0.2	0.0	0.0	0.0	0.2	0.9	2.2
80°	7.1	4.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
82.5°	6.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.1	4.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
102.5°	7.7	4.3	2.2	0.9	0.2	0.0	0.0	0.0	0.2	0.9	2.2
105°	7.6	4.7	2.5	1.2	0.2	0.0	0.0	0.0	0.2	1.2	2.5
107.5°	8.0	5.4	3.1	1.1	0.4	0.0	0.0	0.0	0.4	1.1	3.1
110°	8.7	5.5	3.3	1.6	0.8	0.0	0.0	0.0	0.8	1.6	3.3



TEST NUMBER: P231895

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	8.5	5.7	3.2	1.6	0.6	0.0	0.0	0.0	0.6	1.6	3.2
115°	8.4	5.6	3.2	1.3	1.1	0.1	0.0	0.1	1.1	1.3	3.2
117.5°	8.8	5.4	3.3	1.4	1.0	0.0	0.0	0.0	1.0	1.4	3.3
120°	8.9	5.8	3.6	1.9	0.8	0.0	0.0	0.0	0.8	1.9	3.6
122.5°	8.6	5.6	3.4	1.8	0.6	0.0	0.0	0.0	0.6	1.8	3.4
125°	8.0	5.5	3.3	1.4	0.5	0.0	0.0	0.0	0.5	1.4	3.3
127.5°	8.6	5.7	3.4	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.4
130°	8.3	5.7	3.4	1.7	0.5	0.0	0.0	0.0	0.5	1.7	3.4
132.5°	7.3	5.2	3.2	1.9	1.2	0.6	0.0	0.6	1.2	1.9	3.2
135°	6.9	5.0	3.2	2.2	1.1	0.5	0.0	0.5	1.1	2.2	3.2
137.5°	6.7	4.5	2.9	1.9	1.0	0.5	0.0	0.5	1.0	1.9	2.9
140°	6.1	4.1	2.8	1.7	0.9	0.5	0.0	0.5	0.9	1.7	2.8
142.5°	5.6	4.0	2.8	1.6	0.8	0.4	0.0	0.4	0.8	1.6	2.8
145°	5.2	3.8	2.5	1.3	0.8	0.4	0.0	0.4	0.8	1.3	2.5
147.5°	4.9	3.6	2.2	1.0	0.7	0.4	0.0	0.4	0.7	1.0	2.2
150°	4.5	3.1	1.8	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.8
152.5°	4.0	2.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
155°	3.4	2.2	1.2	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.2
157.5°	3.2	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
160°	2.6	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
162.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
165°	1.7	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
167.5°	1.6	1.3	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
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°	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.3
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: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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	0.4	0.5	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.1
5°	0.7	0.9	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.0
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	3.8	4.3	4.7
12.5°	1.3	1.6	1.9	2.2	2.5	3.1	3.8	4.5	5.1	5.7	6.2
15°	1.5	1.7	2.0	2.5	3.3	4.1	4.9	5.6	6.4	7.1	7.8
17.5°	1.7	2.1	2.7	3.6	4.5	5.4	6.3	7.3	8.2	9.0	9.9
20°	2.0	2.6	3.5	4.5	5.4	6.2	7.1	8.2	9.5	10.7	11.8
22.5°	2.3	3.2	4.2	5.2	6.3	7.4	8.7	9.9	11.2	12.6	13.9
25°	2.2	3.4	4.5	5.6	6.7	8.3	9.9	11.5	12.9	14.2	15.7
27.5°	2.6	4.0	5.3	6.5	8.1	9.7	11.4	13.1	15.0	16.7	18.1
30°	3.1	4.5	5.9	7.6	9.2	10.8	12.4	14.5	16.5	18.5	20.5
32.5°	3.6	4.9	6.5	8.4	10.3	12.0	14.0	16.0	18.2	20.2	22.2
35°	3.8	5.2	7.2	9.2	11.1	13.3	15.5	17.7	19.8	21.9	23.9
37.5°	4.0	5.6	7.5	9.5	11.9	14.3	16.7	19.0	21.3	23.5	25.6
40°	4.1	6.1	8.0	10.2	12.8	15.4	18.0	20.5	22.9	25.3	27.8
42.5°	4.5	6.7	9.1	11.5	14.0	16.6	19.4	22.0	24.6	27.1	29.5
45°	5.0	6.9	9.6	12.2	14.7	17.0	20.3	23.3	26.0	28.8	31.4
47.5°	5.2	7.3	10.1	12.9	15.3	18.4	21.1	23.9	26.9	29.8	32.7
50°	5.7	8.3	10.9	13.5	15.9	19.1	22.4	25.3	28.4	31.3	34.0
52.5°	5.7	8.6	11.4	14.1	17.1	20.1	23.2	26.5	29.8	33.0	36.1
55°	5.5	8.0	11.4	14.8	18.0	21.3	24.3	27.5	30.5	33.7	37.3
57.5°	5.6	8.6	11.7	14.8	18.3	21.8	25.1	28.3	31.4	34.7	38.3
60°	5.8	8.9	12.0	15.2	18.9	22.3	25.8	29.1	32.5	35.7	39.4
62.5°	5.4	8.8	11.8	15.4	19.4	22.5	26.1	29.6	33.2	36.6	40.2
65°	5.6	8.4	11.8	15.3	18.9	22.9	26.8	30.3	33.4	37.1	40.7
67.5°	5.7	8.5	12.0	15.7	19.1	23.0	27.1	30.9	34.1	37.6	41.3
70°	5.5	8.7	11.9	15.1	19.1	23.4	27.2	30.7	34.5	38.3	42.1
72.5°	5.4	8.0	11.3	15.3	19.7	23.5	27.1	30.8	35.0	39.1	42.5
75°	4.7	7.6	11.1	15.4	19.5	23.7	27.5	31.2	35.0	39.4	43.0
77.5°	4.3	7.7	11.2	14.9	19.5	23.8	27.1	31.7	35.4	39.4	43.4
80°	4.2	7.1	10.9	15.0	19.1	23.1	27.0	31.0	35.4	39.3	43.1
82.5°	3.4	6.3	10.8	15.1	19.0	23.1	27.2	30.9	35.3	39.1	43.1
85°	1.7	6.5	10.5	14.2	18.3	22.6	26.9	31.2	35.4	38.9	43.0
87.5°	0.5	5.8	10.1	14.4	17.6	22.0	26.4	30.7	35.0	39.3	42.6
90°	0.0	5.4	9.8	14.2	17.4	21.8	26.2	30.5	34.9	39.2	42.5
92.5°	0.5	5.8	10.1	14.4	17.6	22.0	26.4	30.7	35.0	39.3	42.6
95°	1.7	6.5	10.5	14.2	18.3	22.6	26.9	31.2	35.4	38.9	43.0
97.5°	3.4	6.3	10.8	15.1	19.0	23.1	27.2	30.9	35.3	39.1	43.1
100°	4.2	7.1	10.9	15.0	19.1	23.1	27.0	31.0	35.4	39.3	43.1
102.5°	4.3	7.7	11.2	14.9	19.5	23.8	27.1	31.7	35.4	39.4	43.4
105°	4.7	7.6	11.1	15.4	19.5	23.7	27.5	31.2	35.0	39.4	43.0
107.5°	5.4	8.0	11.3	15.3	19.7	23.5	27.1	30.8	35.0	39.1	42.5
110°	5.5	8.7	11.9	15.1	19.1	23.4	27.2	30.7	34.5	38.3	42.1



TEST NUMBER: P231895

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	5.7	8.5	12.0	15.7	19.1	23.0	27.1	30.9	34.1	37.6	41.3
115°	5.6	8.4	11.8	15.3	18.9	22.9	26.8	30.3	33.4	37.1	40.7
117.5°	5.4	8.8	11.8	15.4	19.4	22.5	26.1	29.6	33.2	36.6	40.2
120°	5.8	8.9	12.0	15.2	18.9	22.3	25.8	29.1	32.5	35.7	39.4
122.5°	5.6	8.6	11.7	14.8	18.3	21.8	25.1	28.3	31.4	34.7	38.3
125°	5.5	8.0	11.4	14.8	18.0	21.3	24.3	27.5	30.5	33.7	37.3
127.5°	5.7	8.6	11.4	14.1	17.1	20.1	23.2	26.5	29.8	33.0	36.1
130°	5.7	8.3	10.9	13.5	15.9	19.1	22.4	25.3	28.4	31.3	34.0
132.5°	5.2	7.3	10.1	12.9	15.3	18.4	21.1	23.9	26.9	29.8	32.7
135°	5.0	6.9	9.6	12.2	14.7	17.0	20.3	23.3	26.0	28.8	31.4
137.5°	4.5	6.7	9.1	11.5	14.0	16.6	19.4	22.0	24.6	27.1	29.5
140°	4.1	6.1	8.0	10.2	12.8	15.4	18.0	20.5	22.9	25.3	27.8
142.5°	4.0	5.6	7.5	9.5	11.9	14.3	16.7	19.0	21.3	23.5	25.6
145°	3.8	5.2	7.2	9.2	11.1	13.3	15.5	17.7	19.8	21.9	23.9
147.5°	3.6	4.9	6.5	8.4	10.3	12.0	14.0	16.0	18.2	20.2	22.2
150°	3.1	4.5	5.9	7.6	9.2	10.8	12.4	14.5	16.5	18.5	20.5
152.5°	2.6	4.0	5.3	6.5	8.1	9.7	11.4	13.1	15.0	16.7	18.1
155°	2.2	3.4	4.5	5.6	6.7	8.3	9.9	11.5	12.9	14.2	15.7
157.5°	2.3	3.2	4.2	5.2	6.3	7.4	8.7	9.9	11.2	12.6	13.9
160°	2.0	2.6	3.5	4.5	5.4	6.2	7.1	8.2	9.5	10.7	11.8
162.5°	1.7	2.1	2.7	3.6	4.5	5.4	6.3	7.3	8.2	9.0	9.9
165°	1.5	1.7	2.0	2.5	3.3	4.1	4.9	5.6	6.4	7.1	7.8
167.5°	1.3	1.6	1.9	2.2	2.5	3.1	3.8	4.5	5.1	5.7	6.2
170°	1.4	1.7	2.0	2.3	2.5	2.8	3.1	3.3	3.8	4.3	4.7
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	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.0
177.5°	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.8
5°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
7.5°	3.2	3.3	3.7	4.0	4.3	4.6	4.9	5.2	5.4	5.7	5.9
10°	5.2	5.6	6.0	6.4	6.8	7.2	7.5	7.8	8.1	8.5	8.9
12.5°	6.8	7.4	7.9	8.5	9.1	9.8	10.3	10.7	11.2	11.7	12.1
15°	8.4	9.1	9.9	10.7	11.6	12.4	13.2	13.9	14.5	15.1	15.7
17.5°	10.8	11.7	12.7	13.6	14.6	15.5	16.5	17.2	17.9	18.6	19.3
20°	12.9	13.9	14.9	16.0	17.2	18.5	19.6	20.8	21.8	22.7	23.6
22.5°	15.2	16.3	17.5	18.8	20.2	21.5	22.8	24.1	25.3	26.4	27.5
25°	17.3	18.8	20.3	21.7	23.1	24.6	26.0	27.4	28.7	29.9	31.1
27.5°	19.5	20.9	22.6	24.3	26.0	27.6	29.2	30.7	32.1	33.5	34.8
30°	22.3	23.7	25.4	27.3	29.1	30.8	32.4	33.9	35.4	37.0	38.5
32.5°	24.0	26.1	28.2	30.2	32.0	33.7	35.3	36.9	38.4	40.0	42.0
35°	26.2	28.7	30.7	32.8	34.7	36.5	38.2	39.9	41.5	43.3	45.1
37.5°	28.0	30.4	32.6	34.8	37.3	39.4	41.2	43.0	44.7	46.6	48.7
40°	30.4	32.8	34.9	37.1	39.6	42.2	44.3	46.1	47.9	49.6	51.8
42.5°	32.3	35.0	37.2	39.3	41.9	44.5	46.9	49.0	51.1	52.8	54.9
45°	33.9	36.8	39.5	41.6	43.9	46.5	49.1	51.5	53.9	55.9	57.4
47.5°	35.4	38.5	41.2	43.5	46.1	48.8	51.4	53.9	56.4	58.7	60.3
50°	37.3	40.4	43.5	45.7	48.3	51.1	53.8	56.4	58.8	61.0	63.0
52.5°	39.2	42.1	45.1	47.8	50.6	53.2	55.8	58.3	60.8	63.2	65.5
55°	40.3	43.1	46.6	49.4	52.1	55.2	57.8	60.3	62.9	65.3	67.7
57.5°	41.4	44.5	47.8	50.7	53.4	56.7	59.4	62.0	65.1	67.6	69.9
60°	42.7	45.7	49.2	52.1	55.2	58.3	61.0	63.5	66.8	69.4	71.7
62.5°	43.9	46.9	50.1	53.0	56.6	59.7	62.6	65.3	68.2	71.2	73.5
65°	44.3	47.9	51.3	54.4	57.9	60.9	63.9	66.9	69.7	72.5	74.8
67.5°	45.1	48.6	52.1	55.7	59.1	62.2	64.9	68.2	71.4	73.9	76.3
70°	45.7	49.3	53.1	56.6	60.1	63.5	66.2	69.0	72.2	75.4	78.0
72.5°	46.0	49.6	53.9	57.4	60.7	64.0	67.4	70.5	73.2	76.1	78.8
75°	46.5	50.0	54.2	57.9	61.2	64.6	68.0	71.0	73.8	76.8	79.7
77.5°	47.0	50.5	54.4	57.9	61.5	65.4	68.7	71.6	74.3	77.6	80.5
80°	47.0	50.7	54.8	58.1	61.6	65.7	69.0	72.1	75.2	78.4	80.9
82.5°	47.3	50.8	55.0	58.3	61.8	65.9	69.1	72.3	75.6	78.7	81.3
85°	47.3	51.0	54.8	58.7	62.0	65.6	68.9	72.1	75.4	78.6	81.7
87.5°	47.0	51.3	54.6	58.9	62.2	65.5	69.1	72.4	75.7	79.0	81.7
90°	46.9	51.2	54.5	58.8	62.1	65.4	69.7	73.0	76.3	79.6	81.7
92.5°	47.0	51.3	54.6	58.9	62.2	65.5	69.1	72.4	75.7	79.0	81.7
95°	47.3	51.0	54.8	58.7	62.0	65.6	68.9	72.1	75.4	78.6	81.7
97.5°	47.3	50.8	55.0	58.3	61.8	65.9	69.1	72.3	75.6	78.7	81.3
100°	47.0	50.7	54.8	58.1	61.6	65.7	69.0	72.1	75.2	78.4	80.9
102.5°	47.0	50.5	54.4	57.9	61.5	65.4	68.7	71.6	74.3	77.6	80.5
105°	46.5	50.0	54.2	57.9	61.2	64.6	68.0	71.0	73.8	76.8	79.7
107.5°	46.0	49.6	53.9	57.4	60.7	64.0	67.4	70.5	73.2	76.1	78.8
110°	45.7	49.3	53.1	56.6	60.1	63.5	66.2	69.0	72.2	75.4	78.0



TEST NUMBER: P231895

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	45.1	48.6	52.1	55.7	59.1	62.2	64.9	68.2	71.4	73.9	76.3
115°	44.3	47.9	51.3	54.4	57.9	60.9	63.9	66.9	69.7	72.5	74.8
117.5°	43.9	46.9	50.1	53.0	56.6	59.7	62.6	65.3	68.2	71.2	73.5
120°	42.7	45.7	49.2	52.1	55.2	58.3	61.0	63.5	66.8	69.4	71.7
122.5°	41.4	44.5	47.8	50.7	53.4	56.7	59.4	62.0	65.1	67.6	69.9
125°	40.3	43.1	46.6	49.4	52.1	55.2	57.8	60.3	62.9	65.3	67.7
127.5°	39.2	42.1	45.1	47.8	50.6	53.2	55.8	58.3	60.8	63.2	65.5
130°	37.3	40.4	43.5	45.7	48.3	51.1	53.8	56.4	58.8	61.0	63.0
132.5°	35.4	38.5	41.2	43.5	46.1	48.8	51.4	53.9	56.4	58.7	60.3
135°	33.9	36.8	39.5	41.6	43.9	46.5	49.1	51.5	53.9	55.9	57.4
137.5°	32.3	35.0	37.2	39.3	41.9	44.5	46.9	49.0	51.1	52.8	54.9
140°	30.4	32.8	34.9	37.1	39.6	42.2	44.3	46.1	47.9	49.6	51.8
142.5°	28.0	30.4	32.6	34.8	37.3	39.4	41.2	43.0	44.7	46.6	48.7
145°	26.2	28.7	30.7	32.8	34.7	36.5	38.2	39.9	41.5	43.3	45.1
147.5°	24.0	26.1	28.2	30.2	32.0	33.7	35.3	36.9	38.4	40.0	42.0
150°	22.3	23.7	25.4	27.3	29.1	30.8	32.4	33.9	35.4	37.0	38.5
152.5°	19.5	20.9	22.6	24.3	26.0	27.6	29.2	30.7	32.1	33.5	34.8
155°	17.3	18.8	20.3	21.7	23.1	24.6	26.0	27.4	28.7	29.9	31.1
157.5°	15.2	16.3	17.5	18.8	20.2	21.5	22.8	24.1	25.3	26.4	27.5
160°	12.9	13.9	14.9	16.0	17.2	18.5	19.6	20.8	21.8	22.7	23.6
162.5°	10.8	11.7	12.7	13.6	14.6	15.5	16.5	17.2	17.9	18.6	19.3
165°	8.4	9.1	9.9	10.7	11.6	12.4	13.2	13.9	14.5	15.1	15.7
167.5°	6.8	7.4	7.9	8.5	9.1	9.8	10.3	10.7	11.2	11.7	12.1
170°	5.2	5.6	6.0	6.4	6.8	7.2	7.5	7.8	8.1	8.5	8.9
172.5°	3.2	3.3	3.7	4.0	4.3	4.6	4.9	5.2	5.4	5.7	5.9
175°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
177.5°	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.4
5°	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.8
7.5°	6.2	6.4	6.7	7.0	7.2	7.5	7.7	7.9	8.0	8.2	8.7
10°	9.3	9.6	10.0	10.4	10.7	11.0	11.3	11.6	11.8	12.0	12.6
12.5°	12.7	13.2	13.7	14.2	14.7	15.1	15.5	15.8	16.1	16.4	17.0
15°	16.4	17.0	17.6	18.2	18.7	19.2	19.6	20.0	20.4	20.7	21.5
17.5°	20.1	20.8	21.5	22.1	22.7	23.3	23.8	24.3	24.7	25.1	26.2
20°	24.4	25.1	25.6	26.1	26.8	27.4	28.0	28.5	29.0	29.4	30.9
22.5°	28.5	29.4	29.9	30.4	30.9	31.6	32.2	33.1	34.0	34.9	36.1
25°	32.2	33.3	34.2	35.1	35.9	36.7	37.4	38.1	38.7	39.2	41.0
27.5°	36.0	37.2	38.2	39.2	40.2	41.0	41.7	42.4	43.1	43.6	45.6
30°	39.8	41.0	42.2	43.2	44.2	45.2	46.0	46.7	47.4	48.0	50.1
32.5°	43.5	44.7	45.9	46.9	47.9	48.8	49.9	51.0	51.7	52.4	54.6
35°	46.8	48.1	49.3	50.4	51.5	52.5	53.7	55.1	56.0	56.7	59.1
37.5°	50.2	51.5	52.8	54.1	55.5	56.5	57.6	58.9	59.8	60.5	63.1
40°	53.6	55.0	56.3	57.7	59.4	60.7	61.8	62.7	63.6	64.3	67.1
42.5°	57.0	58.4	59.7	61.1	62.7	64.1	65.1	65.9	66.9	68.1	71.0
45°	59.6	61.3	62.7	64.5	66.0	67.2	68.2	69.1	70.3	71.9	75.0
47.5°	62.3	64.2	65.6	67.6	69.2	70.3	71.4	72.4	73.5	75.2	78.4
50°	64.9	66.6	68.5	70.5	72.3	73.5	74.6	75.6	76.8	78.5	81.8
52.5°	67.8	69.3	71.1	73.1	75.1	76.2	77.6	78.8	80.0	81.8	85.2
55°	70.0	72.1	73.9	75.5	77.6	78.8	80.5	82.0	83.2	85.0	88.6
57.5°	72.2	74.4	76.5	78.0	80.1	81.5	82.8	84.3	85.8	87.2	90.8
60°	74.0	76.3	78.6	80.4	82.5	84.1	85.2	86.6	88.4	89.4	93.1
62.5°	75.9	78.1	80.4	82.5	84.4	86.0	87.4	88.6	90.1	91.6	95.4
65°	77.7	80.0	82.3	84.5	86.2	87.8	89.5	90.6	91.7	93.7	97.7
67.5°	79.1	81.4	83.6	85.7	87.8	89.8	91.6	92.7	93.9	95.9	99.9
70°	80.4	82.9	85.2	87.4	89.7	91.6	92.7	93.9	96.0	98.1	102.1
72.5°	81.5	84.3	86.5	88.7	90.8	92.8	94.3	95.5	97.1	99.2	103.3
75°	82.3	85.2	87.4	89.6	91.7	93.9	95.9	97.0	98.2	100.3	104.6
77.5°	83.0	85.9	88.4	90.6	92.7	94.9	96.5	97.6	99.2	101.4	105.7
80°	83.9	86.4	89.4	91.6	93.8	95.9	97.0	98.2	100.3	102.4	106.8
82.5°	84.5	86.8	90.0	92.1	94.3	96.0	97.6	98.7	100.8	103.0	107.3
85°	85.0	87.2	90.5	92.6	94.8	95.9	98.1	99.2	101.3	103.5	107.9
87.5°	85.0	87.2	90.5	92.6	94.8	97.0	98.1	100.3	101.3	103.5	107.9
90°	85.0	87.2	90.5	92.6	94.8	97.0	98.1	100.3	101.3	103.5	107.9
92.5°	85.0	87.2	90.5	92.6	94.8	96.4	98.1	99.8	101.3	103.5	107.9
95°	85.0	87.2	90.5	92.6	94.8	95.9	98.1	99.2	101.3	103.5	107.9
97.5°	84.5	86.8	90.0	92.1	94.3	96.0	97.6	98.7	100.8	103.0	107.3
100°	83.9	86.4	89.4	91.6	93.8	95.9	97.0	98.2	100.3	102.4	106.8
102.5°	83.0	85.9	88.4	90.6	92.7	94.9	96.5	97.6	99.2	101.4	105.7
105°	82.3	85.2	87.4	89.6	91.7	93.9	95.9	97.0	98.2	100.3	104.6
107.5°	81.5	84.3	86.5	88.7	90.8	92.8	94.3	95.5	97.1	99.2	103.3
110°	80.4	82.9	85.2	87.4	89.7	91.6	92.7	93.9	96.0	98.1	102.1





TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	79.1	81.4	83.6	85.7	87.8	89.8	91.6	92.7	93.9	95.9	99.9
115°	77.7	80.0	82.3	84.5	86.2	87.8	89.5	90.6	91.7	93.7	97.7
117.5°	75.9	78.1	80.4	82.5	84.4	86.0	87.4	88.6	90.1	91.6	95.4
120°	74.0	76.3	78.6	80.4	82.5	84.1	85.2	86.6	88.4	89.4	93.1
122.5°	72.2	74.4	76.5	78.0	80.1	81.5	82.8	84.3	85.8	87.2	90.8
125°	70.0	72.1	73.9	75.5	77.6	78.8	80.5	82.0	83.2	85.0	88.6
127.5°	67.8	69.3	71.1	73.1	75.1	76.2	77.6	78.8	80.0	81.8	85.2
130°	64.9	66.6	68.5	70.5	72.3	73.5	74.6	75.6	76.8	78.5	81.8
132.5°	62.3	64.2	65.6	67.6	69.2	70.3	71.4	72.4	73.5	75.2	78.4
135°	59.6	61.3	62.7	64.5	66.0	67.2	68.2	69.1	70.3	71.9	75.0
137.5°	57.0	58.4	59.7	61.1	62.7	64.1	65.1	65.9	66.9	68.1	71.0
140°	53.6	55.0	56.3	57.7	59.4	60.7	61.8	62.7	63.6	64.3	67.1
142.5°	50.2	51.5	52.8	54.1	55.5	56.5	57.6	58.9	59.8	60.5	63.1
145°	46.8	48.1	49.3	50.4	51.5	52.5	53.7	55.1	56.0	56.7	59.1
147.5°	43.5	44.7	45.9	46.9	47.9	48.8	49.9	51.0	51.7	52.4	54.6
150°	39.8	41.0	42.2	43.2	44.2	45.2	46.0	46.7	47.4	48.0	50.1
152.5°	36.0	37.2	38.2	39.2	40.2	41.0	41.7	42.4	43.1	43.6	45.6
155°	32.2	33.3	34.2	35.1	35.9	36.7	37.4	38.1	38.7	39.2	41.0
157.5°	28.5	29.4	29.9	30.4	30.9	31.6	32.2	33.1	34.0	34.9	36.1
160°	24.4	25.1	25.6	26.1	26.8	27.4	28.0	28.5	29.0	29.4	30.9
162.5°	20.1	20.8	21.5	22.1	22.7	23.3	23.8	24.3	24.7	25.1	26.2
165°	16.4	17.0	17.6	18.2	18.7	19.2	19.6	20.0	20.4	20.7	21.5
167.5°	12.7	13.2	13.7	14.2	14.7	15.1	15.5	15.8	16.1	16.4	17.0
170°	9.3	9.6	10.0	10.4	10.7	11.0	11.3	11.6	11.8	12.0	12.6
172.5°	6.2	6.4	6.7	7.0	7.2	7.5	7.7	7.9	8.0	8.2	8.7
175°	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.8
177.5°	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	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: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.2	4.4
5°	5.1	5.5	5.8	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3
7.5°	9.1	9.6	10.0	10.4	10.8	11.2	11.6	12.4	13.1	13.8	14.5
10°	13.1	13.6	14.1	14.5	15.1	16.2	17.3	18.3	19.3	20.2	21.2
12.5°	17.7	18.3	18.9	19.7	21.2	22.6	24.0	25.2	26.7	28.6	30.3
15°	22.3	23.0	23.9	25.9	27.8	29.6	31.3	33.6	35.8	37.9	40.2
17.5°	27.2	28.2	30.1	32.4	34.6	36.9	39.6	42.1	44.6	47.5	50.6
20°	32.3	33.7	36.4	39.0	41.6	44.8	47.8	50.7	54.4	57.9	61.3
22.5°	37.2	39.1	42.2	45.2	48.7	52.2	55.7	59.9	63.9	67.9	72.3
25°	42.7	45.2	48.2	51.5	55.9	60.1	64.5	69.0	73.4	78.4	83.4
27.5°	47.5	50.5	53.7	58.0	62.8	67.9	73.3	78.5	83.9	89.0	94.4
30°	52.1	55.7	59.2	64.2	69.5	75.4	81.5	87.5	93.4	99.3	105.2
32.5°	57.0	60.9	65.1	70.5	76.4	83.0	89.8	96.4	103.0	109.6	116.0
35°	61.9	66.1	71.1	76.9	83.5	90.7	97.9	105.3	112.7	119.7	126.6
37.5°	66.5	71.2	77.0	83.2	90.4	98.0	106.2	114.3	122.8	129.4	136.5
40°	71.0	76.3	82.8	89.7	97.4	105.6	114.1	122.7	130.9	138.5	146.5
42.5°	75.2	80.6	87.7	95.4	103.7	112.6	121.7	131.1	139.3	147.7	156.2
45°	79.3	84.9	92.3	100.7	109.7	119.0	128.9	138.5	147.6	156.6	165.4
47.5°	83.0	89.1	96.9	106.0	115.5	125.5	135.9	146.1	155.8	165.5	174.4
50°	86.7	93.4	101.5	111.1	121.3	131.9	142.7	152.9	163.1	173.2	183.3
52.5°	90.4	97.5	106.2	116.2	126.9	138.0	148.9	159.4	170.5	181.2	191.2
55°	94.1	101.7	110.9	121.3	132.4	143.6	154.7	165.8	177.3	188.4	198.4
57.5°	96.7	105.0	114.8	125.6	137.5	148.9	160.4	172.0	183.6	194.7	205.6
60°	99.2	108.2	118.4	129.7	142.2	154.0	166.3	177.7	189.5	201.1	212.2
62.5°	102.1	111.1	121.5	133.4	146.1	158.5	171.5	182.8	195.4	207.4	218.9
65°	105.1	113.7	124.5	136.7	149.4	162.3	175.5	187.6	200.2	212.5	224.6
67.5°	106.7	116.2	128.3	140.5	153.0	166.0	179.2	192.0	204.6	217.2	229.6
70°	109.1	118.9	130.0	142.6	155.8	169.3	182.8	195.9	208.6	221.8	233.6
72.5°	110.4	120.5	132.1	145.2	158.5	172.3	185.9	199.2	212.4	225.6	237.9
75°	111.7	121.9	134.3	147.7	161.3	174.9	188.5	202.0	215.4	228.4	240.8
77.5°	112.9	122.9	135.5	149.2	163.3	177.1	190.6	204.5	218.0	230.8	243.4
80°	114.4	123.7	136.5	150.4	165.1	179.1	192.2	206.7	219.9	232.8	245.5
82.5°	114.9	124.7	137.8	151.4	165.9	180.5	193.9	208.4	221.5	234.4	247.3
85°	115.5	125.3	138.4	152.6	166.7	181.9	196.1	210.2	222.8	235.8	248.8
87.5°	115.5	125.3	138.4	152.6	167.8	180.9	195.1	210.3	224.5	236.5	249.6
90°	115.5	125.3	138.4	152.6	167.2	181.5	195.7	210.3	223.9	236.5	249.6
92.5°	115.5	125.3	138.4	152.6	166.7	181.9	196.1	210.2	222.8	235.8	248.8
95°	114.9	124.7	137.8	151.4	165.9	180.5	193.9	208.4	221.5	234.4	247.3
97.5°	114.4	123.7	136.5	150.4	165.1	179.1	192.2	206.7	219.9	232.8	245.5
100°	112.9	122.9	135.5	149.2	163.3	177.1	190.6	204.5	218.0	230.8	243.4
102.5°	111.7	121.9	134.3	147.7	161.3	174.9	188.5	202.0	215.4	228.4	240.8
105°	110.4	120.5	132.1	145.2	158.5	172.3	185.9	199.2	212.4	225.6	237.9
107.5°	109.1	118.9	130.0	142.6	155.8	169.3	182.8	195.9	208.6	221.8	233.6
110°	109.1	118.9	130.0	142.6	155.8	169.3	182.8	195.9	208.6	221.8	233.6



TEST NUMBER: P231895

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	106.7	116.2	128.3	140.5	153.0	166.0	179.2	192.0	204.6	217.2	229.6
115°	105.1	113.7	124.5	136.7	149.4	162.3	175.5	187.6	200.2	212.5	224.6
117.5°	102.1	111.1	121.5	133.4	146.1	158.5	171.5	182.8	195.4	207.4	218.9
120°	99.2	108.2	118.4	129.7	142.2	154.0	166.3	177.7	189.5	201.1	212.2
122.5°	96.7	105.0	114.8	125.6	137.5	148.9	160.4	172.0	183.6	194.7	205.6
125°	94.1	101.7	110.9	121.3	132.4	143.6	154.7	165.8	177.3	188.4	198.4
127.5°	90.4	97.5	106.2	116.2	126.9	138.0	148.9	159.4	170.5	181.2	191.2
130°	86.7	93.4	101.5	111.1	121.3	131.9	142.7	152.9	163.1	173.2	183.3
132.5°	83.0	89.1	96.9	106.0	115.5	125.5	135.9	146.1	155.8	165.5	174.4
135°	79.3	84.9	92.3	100.7	109.7	119.0	128.9	138.5	147.6	156.6	165.4
137.5°	75.2	80.6	87.7	95.4	103.7	112.6	121.7	131.1	139.3	147.7	156.2
140°	71.0	76.3	82.8	89.7	97.4	105.6	114.1	122.7	130.9	138.5	146.5
142.5°	66.5	71.2	77.0	83.2	90.4	98.0	106.2	114.3	122.8	129.4	136.5
145°	61.9	66.1	71.1	76.9	83.5	90.7	97.9	105.3	112.7	119.7	126.6
147.5°	57.0	60.9	65.1	70.5	76.4	83.0	89.8	96.4	103.0	109.6	116.0
150°	52.1	55.7	59.2	64.2	69.5	75.4	81.5	87.5	93.4	99.3	105.2
152.5°	47.5	50.5	53.7	58.0	62.8	67.9	73.3	78.5	83.9	89.0	94.4
155°	42.7	45.2	48.2	51.5	55.9	60.1	64.5	69.0	73.4	78.4	83.4
157.5°	37.2	39.1	42.2	45.2	48.7	52.2	55.7	59.9	63.9	67.9	72.3
160°	32.3	33.7	36.4	39.0	41.6	44.8	47.8	50.7	54.4	57.9	61.3
162.5°	27.2	28.2	30.1	32.4	34.6	36.9	39.6	42.1	44.6	47.5	50.6
165°	22.3	23.0	23.9	25.9	27.8	29.6	31.3	33.6	35.8	37.9	40.2
167.5°	17.7	18.3	18.9	19.7	21.2	22.6	24.0	25.2	26.7	28.6	30.3
170°	13.1	13.6	14.1	14.5	15.1	16.2	17.3	18.3	19.3	20.2	21.2
172.5°	9.1	9.6	10.0	10.4	10.8	11.2	11.6	12.4	13.1	13.8	14.5
175°	5.1	5.5	5.8	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3
177.5°	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.2	4.4
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: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.4	5.5
5°	8.7	9.2	9.6	10.0	10.4	10.8	11.1	11.4	11.6	11.9	12.1
7.5°	15.1	15.7	16.2	16.7	17.3	18.1	18.8	19.7	20.5	21.2	21.8
10°	22.6	24.0	25.3	26.6	27.8	28.9	30.0	31.0	32.0	32.9	33.7
12.5°	32.0	33.6	35.3	37.2	39.0	40.7	42.2	43.6	44.9	46.2	47.4
15°	42.5	44.9	47.2	49.4	51.5	53.6	55.6	57.5	59.3	61.0	62.6
17.5°	53.6	56.9	59.5	62.3	64.9	67.4	69.7	71.8	73.8	75.5	77.2
20°	65.0	68.6	72.0	75.2	78.3	81.2	83.8	86.3	88.5	90.4	92.2
22.5°	76.5	80.6	84.5	88.2	91.7	94.9	97.8	100.6	103.2	105.8	108.2
25°	88.1	92.6	97.5	101.0	104.9	108.5	112.1	115.5	118.7	121.5	124.1
27.5°	99.6	104.5	109.3	113.8	118.3	122.7	127.5	130.5	133.8	136.9	139.7
30°	110.9	116.4	121.7	126.6	131.3	136.1	140.7	144.6	148.2	151.5	154.9
32.5°	122.2	128.2	133.8	139.2	144.3	149.4	154.5	158.8	162.6	165.9	169.3
35°	133.3	139.8	145.9	151.8	157.4	163.0	168.4	173.0	177.1	180.7	184.0
37.5°	143.8	151.0	157.9	164.2	170.3	176.0	181.3	186.4	190.9	195.1	197.8
40°	154.4	162.4	169.5	175.7	182.0	188.0	193.5	198.8	203.7	208.2	211.9
42.5°	164.5	172.6	179.7	186.5	193.7	200.0	205.8	211.1	216.9	220.7	224.7
45°	173.6	182.2	190.1	197.7	204.8	211.7	217.5	223.1	228.2	232.9	237.2
47.5°	183.3	192.1	200.2	207.8	214.9	222.1	228.6	234.4	239.9	244.9	249.2
50°	192.4	201.3	209.8	217.4	225.2	232.7	239.4	245.5	251.7	256.3	260.6
52.5°	200.4	209.9	218.7	227.1	236.1	242.6	249.5	256.0	261.6	266.9	271.3
55°	208.2	218.2	228.0	236.0	244.3	252.0	259.5	265.7	271.5	276.7	281.5
57.5°	215.8	225.9	235.4	243.9	252.7	260.8	268.2	274.8	280.8	286.4	291.4
60°	223.1	233.0	242.7	251.8	260.6	268.8	276.1	283.0	289.7	295.7	300.1
62.5°	229.6	239.6	249.8	258.9	267.9	276.1	283.7	291.0	298.0	302.9	307.9
65°	235.3	245.8	256.0	265.6	274.8	283.0	290.9	298.2	304.6	309.8	315.7
67.5°	240.0	251.2	261.6	271.6	281.0	289.4	297.1	304.6	310.9	316.9	322.5
70°	245.0	256.0	266.6	277.1	286.5	294.5	302.4	310.0	316.8	323.2	329.5
72.5°	248.9	259.9	270.8	281.4	290.3	299.0	307.1	314.6	321.9	328.4	334.3
75°	252.3	263.5	274.7	285.3	295.0	303.3	311.3	318.9	326.4	332.9	339.1
77.5°	255.4	266.8	278.1	288.3	297.8	306.8	314.9	322.4	329.3	336.3	342.4
80°	257.9	269.2	280.7	291.0	300.3	309.6	317.6	325.4	332.8	339.4	345.9
82.5°	259.9	271.1	282.7	293.5	302.4	311.8	319.7	327.3	335.2	341.9	348.1
85°	260.8	272.5	284.4	294.6	303.3	313.0	321.3	328.8	336.9	343.6	350.0
87.5°	261.9	273.5	285.1	295.3	304.0	313.9	322.6	330.2	337.8	344.4	350.9
90°	262.6	273.5	284.4	295.3	304.0	313.9	322.6	330.2	337.8	344.4	350.9
92.5°	261.9	273.5	285.1	295.3	304.0	313.9	322.6	330.2	337.8	344.4	350.9
95°	260.8	272.5	284.4	294.6	303.3	313.0	321.3	328.8	336.9	343.6	350.0
97.5°	259.9	271.1	282.7	293.5	302.4	311.8	319.7	327.3	335.2	341.9	348.1
100°	257.9	269.2	280.7	291.0	300.3	309.6	317.6	325.4	332.8	339.4	345.9
102.5°	255.4	266.8	278.1	288.3	297.8	306.8	314.9	322.4	329.3	336.3	342.4
105°	252.3	263.5	274.7	285.3	295.0	303.3	311.3	318.9	326.4	332.9	339.1
107.5°	248.9	259.9	270.8	281.4	290.3	299.0	307.1	314.6	321.9	328.4	334.3
110°	245.0	256.0	266.6	277.1	286.5	294.5	302.4	310.0	316.8	323.2	329.5



TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	240.0	251.2	261.6	271.6	281.0	289.4	297.1	304.6	310.9	316.9	322.5
115°	235.3	245.8	256.0	265.6	274.8	283.0	290.9	298.2	304.6	309.8	315.7
117.5°	229.6	239.6	249.8	258.9	267.9	276.1	283.7	291.0	298.0	302.9	307.9
120°	223.1	233.0	242.7	251.8	260.6	268.8	276.1	283.0	289.7	295.7	300.1
122.5°	215.8	225.9	235.4	243.9	252.7	260.8	268.2	274.8	280.8	286.4	291.4
125°	208.2	218.2	228.0	236.0	244.3	252.0	259.5	265.7	271.5	276.7	281.5
127.5°	200.4	209.9	218.7	227.1	236.1	242.6	249.5	256.0	261.6	266.9	271.3
130°	192.4	201.3	209.8	217.4	225.2	232.7	239.4	245.5	251.7	256.3	260.6
132.5°	183.3	192.1	200.2	207.8	214.9	222.1	228.6	234.4	239.9	244.9	249.2
135°	173.6	182.2	190.1	197.7	204.8	211.7	217.5	223.1	228.2	232.9	237.2
137.5°	164.5	172.6	179.7	186.5	193.7	200.0	205.8	211.1	216.9	220.7	224.7
140°	154.4	162.4	169.5	175.7	182.0	188.0	193.5	198.8	203.7	208.2	211.9
142.5°	143.8	151.0	157.9	164.2	170.3	176.0	181.3	186.4	190.9	195.1	197.8
145°	133.3	139.8	145.9	151.8	157.4	163.0	168.4	173.0	177.1	180.7	184.0
147.5°	122.2	128.2	133.8	139.2	144.3	149.4	154.5	158.8	162.6	165.9	169.3
150°	110.9	116.4	121.7	126.6	131.3	136.1	140.7	144.6	148.2	151.5	154.9
152.5°	99.6	104.5	109.3	113.8	118.3	122.7	127.5	130.5	133.8	136.9	139.7
155°	88.1	92.6	97.5	101.0	104.9	108.5	112.1	115.5	118.7	121.5	124.1
157.5°	76.5	80.6	84.5	88.2	91.7	94.9	97.8	100.6	103.2	105.8	108.2
160°	65.0	68.6	72.0	75.2	78.3	81.2	83.8	86.3	88.5	90.4	92.2
162.5°	53.6	56.9	59.5	62.3	64.9	67.4	69.7	71.8	73.8	75.5	77.2
165°	42.5	44.9	47.2	49.4	51.5	53.6	55.6	57.5	59.3	61.0	62.6
167.5°	32.0	33.6	35.3	37.2	39.0	40.7	42.2	43.6	44.9	46.2	47.4
170°	22.6	24.0	25.3	26.6	27.8	28.9	30.0	31.0	32.0	32.9	33.7
172.5°	15.1	15.7	16.2	16.7	17.3	18.1	18.8	19.7	20.5	21.2	21.8
175°	8.7	9.2	9.6	10.0	10.4	10.8	11.1	11.4	11.6	11.9	12.1
177.5°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.4	5.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231895

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	5.5	5.6	5.6	5.6	5.7	5.7	5.8	5.8	5.7	5.6	5.5
5°	12.2	12.4	12.5	12.6	12.6	12.7	12.6	12.6	12.7	12.6	12.4
7.5°	22.4	22.9	23.3	23.7	24.0	24.3	24.4	24.5	24.6	24.8	24.6
10°	34.3	35.2	35.9	36.6	37.1	37.6	38.0	38.2	38.4	39.0	38.7
12.5°	48.6	49.6	50.5	51.4	52.3	53.2	53.8	54.3	54.7	54.9	55.2
15°	64.0	65.2	66.2	67.0	67.7	68.4	69.1	69.7	70.0	70.2	70.6
17.5°	78.8	80.3	81.6	82.7	83.6	84.4	85.1	85.9	86.4	86.6	87.1
20°	93.7	95.4	97.2	98.6	99.7	100.4	100.8	101.4	102.0	102.5	103.2
22.5°	110.4	112.4	113.9	115.1	116.2	117.1	117.8	118.3	119.0	119.5	120.2
25°	126.4	128.2	129.6	131.1	132.7	133.9	134.8	135.2	135.6	136.2	136.5
27.5°	142.1	144.3	146.4	148.1	149.3	150.4	151.0	151.2	151.1	151.7	151.9
30°	157.2	159.5	161.7	163.5	164.9	166.0	166.9	167.4	167.6	167.9	168.2
32.5°	172.2	174.7	176.7	178.9	180.5	181.6	182.5	183.1	183.3	183.3	183.6
35°	187.2	189.8	192.1	194.2	195.8	196.8	197.5	198.2	198.6	198.6	199.8
37.5°	201.2	204.2	206.5	208.2	209.4	210.8	211.7	212.1	212.4	212.3	212.3
40°	215.0	218.2	220.3	222.0	223.7	225.1	225.7	226.1	226.5	226.6	226.4
42.5°	228.2	231.3	233.3	235.0	237.1	238.6	239.3	239.5	239.5	239.2	239.1
45°	240.9	243.8	247.0	248.3	249.7	251.5	251.8	252.1	251.8	252.0	251.7
47.5°	252.8	255.8	258.5	260.6	262.1	263.5	264.3	264.6	264.4	264.3	263.9
50°	263.9	267.2	270.5	273.1	274.4	275.2	276.4	276.9	276.4	275.9	276.0
52.5°	275.1	278.8	281.6	284.2	285.9	286.6	287.7	288.3	288.3	287.7	287.4
55°	285.7	289.0	291.9	294.8	296.6	297.8	298.2	299.1	299.4	298.6	298.8
57.5°	295.4	298.9	302.2	304.7	306.8	307.9	309.4	309.3	309.8	309.0	308.8
60°	304.7	308.7	311.3	313.7	315.8	317.5	319.1	319.4	319.2	318.4	317.7
62.5°	312.7	317.1	320.3	322.8	325.1	326.6	328.0	328.0	327.5	326.9	326.4
65°	320.2	324.8	328.5	331.8	333.6	334.8	335.7	336.0	335.9	335.1	334.5
67.5°	327.3	332.4	336.2	339.2	341.2	342.1	343.1	343.4	343.4	342.7	342.2
70°	333.7	338.7	342.6	345.6	347.6	348.8	350.3	350.3	349.5	349.0	348.2
72.5°	339.5	344.4	348.2	351.5	353.6	355.2	355.4	355.9	355.9	354.8	353.9
75°	344.8	349.0	353.0	356.5	358.5	360.4	361.1	361.9	361.2	360.3	359.7
77.5°	348.6	352.8	357.3	359.9	362.4	364.1	365.6	365.9	366.2	365.6	363.8
80°	351.7	355.9	359.7	362.7	366.0	368.1	369.0	369.8	369.7	368.7	368.0
82.5°	353.5	358.5	362.4	365.8	368.1	370.1	371.2	372.5	372.2	372.1	371.2
85°	355.6	360.0	363.4	366.6	369.0	371.0	373.1	373.5	373.6	373.8	373.8
87.5°	356.4	360.5	364.7	367.2	370.3	371.5	372.6	373.0	373.8	373.5	373.8
90°	356.4	360.7	364.0	367.3	370.5	371.6	372.7	372.7	372.7	372.7	371.6
92.5°	356.4	360.5	364.7	367.2	370.3	371.5	372.6	373.0	373.8	373.5	373.8
95°	355.6	360.0	363.4	366.6	369.0	371.0	373.1	373.5	373.6	373.8	373.8
97.5°	353.5	358.5	362.4	365.8	368.1	370.1	371.2	372.5	372.2	372.1	371.2
100°	351.7	355.9	359.7	362.7	366.0	368.1	369.0	369.8	369.7	368.7	368.0
102.5°	348.6	352.8	357.3	359.9	362.4	364.1	365.6	365.9	366.2	365.6	363.8
105°	344.8	349.0	353.0	356.5	358.5	360.4	361.1	361.9	361.2	360.3	359.7
107.5°	339.5	344.4	348.2	351.5	353.6	355.2	355.4	355.9	355.9	354.8	353.9
110°	333.7	338.7	342.6	345.6	347.6	348.8	350.3	350.3	349.5	349.0	348.2



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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°	327.3	332.4	336.2	339.2	341.2	342.1	343.1	343.4	343.4	342.7	342.2
115°	320.2	324.8	328.5	331.8	333.6	334.8	335.7	336.0	335.9	335.1	334.5
117.5°	312.7	317.1	320.3	322.8	325.1	326.6	328.0	328.0	327.5	326.9	326.4
120°	304.7	308.7	311.3	313.7	315.8	317.5	319.1	319.4	319.2	318.4	317.7
122.5°	295.4	298.9	302.2	304.7	306.8	307.9	309.4	309.3	309.8	309.0	308.8
125°	285.7	289.0	291.9	294.8	296.6	297.8	298.2	299.1	299.4	298.6	298.8
127.5°	275.1	278.8	281.6	284.2	285.9	286.6	287.7	288.3	288.3	287.7	287.4
130°	263.9	267.2	270.5	273.1	274.4	275.2	276.4	276.9	276.4	275.9	276.0
132.5°	252.8	255.8	258.5	260.6	262.1	263.5	264.3	264.6	264.4	264.3	263.9
135°	240.9	243.8	247.0	248.3	249.7	251.5	251.8	252.1	251.8	252.0	251.7
137.5°	228.2	231.3	233.3	235.0	237.1	238.6	239.3	239.5	239.5	239.2	239.1
140°	215.0	218.2	220.3	222.0	223.7	225.1	225.7	226.1	226.5	226.6	226.4
142.5°	201.2	204.2	206.5	208.2	209.4	210.8	211.7	212.1	212.4	212.3	212.3
145°	187.2	189.8	192.1	194.2	195.8	196.8	197.5	198.2	198.6	198.6	199.8
147.5°	172.2	174.7	176.7	178.9	180.5	181.6	182.5	183.1	183.3	183.3	183.6
150°	157.2	159.5	161.7	163.5	164.9	166.0	166.9	167.4	167.6	167.9	168.2
152.5°	142.1	144.3	146.4	148.1	149.3	150.4	151.0	151.2	151.1	151.7	151.9
155°	126.4	128.2	129.6	131.1	132.7	133.9	134.8	135.2	135.6	136.2	136.5
157.5°	110.4	112.4	113.9	115.1	116.2	117.1	117.8	118.3	119.0	119.5	120.2
160°	93.7	95.4	97.2	98.6	99.7	100.4	100.8	101.4	102.0	102.5	103.2
162.5°	78.8	80.3	81.6	82.7	83.6	84.4	85.1	85.9	86.4	86.6	87.1
165°	64.0	65.2	66.2	67.0	67.7	68.4	69.1	69.7	70.0	70.2	70.6
167.5°	48.6	49.6	50.5	51.4	52.3	53.2	53.8	54.3	54.7	54.9	55.2
170°	34.3	35.2	35.9	36.6	37.1	37.6	38.0	38.2	38.4	39.0	38.7
172.5°	22.4	22.9	23.3	23.7	24.0	24.3	24.4	24.5	24.6	24.8	24.6
175°	12.2	12.4	12.5	12.6	12.6	12.7	12.6	12.6	12.7	12.6	12.4
177.5°	5.5	5.6	5.6	5.6	5.7	5.7	5.8	5.8	5.7	5.6	5.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	5.5	5.4
5°	12.2	12.0
7.5°	24.3	24.0
10°	38.4	38.1
12.5°	54.9	54.5
15°	70.1	69.7
17.5°	86.6	86.1
20°	102.8	102.4
22.5°	119.5	118.8
25°	136.7	136.2
27.5°	152.1	151.5
30°	168.4	167.8
32.5°	183.8	183.1
35°	201.2	201.6
37.5°	212.2	211.4
40°	226.5	225.6
42.5°	241.5	243.0
45°	251.7	250.6
47.5°	264.3	263.7
50°	277.7	279.0
52.5°	289.6	293.1
55°	299.1	297.5
57.5°	309.0	307.3
60°	318.1	317.1
62.5°	326.5	325.8
65°	334.3	333.5
67.5°	341.2	340.0
70°	347.6	346.5
72.5°	353.4	353.1
75°	359.0	358.5
77.5°	363.6	362.9
80°	367.6	366.2
82.5°	370.9	369.4
85°	372.8	371.6
87.5°	373.8	372.7
90°	371.6	372.7
92.5°	373.8	372.7
95°	372.8	371.6
97.5°	370.9	369.4
100°	367.6	366.2
102.5°	363.6	362.9
105°	359.0	358.5
107.5°	353.4	353.1
110°	347.6	346.5





TEST NUMBER: P231895

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

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	341.2	340.0
115°	334.3	333.5
117.5°	326.5	325.8
120°	318.1	317.1
122.5°	309.0	307.3
125°	299.1	297.5
127.5°	289.6	293.1
130°	277.7	279.0
132.5°	264.3	263.7
135°	251.7	250.6
137.5°	241.5	243.0
140°	226.5	225.6
142.5°	212.2	211.4
145°	201.2	201.6
147.5°	183.8	183.1
150°	168.4	167.8
152.5°	152.1	151.5
155°	136.7	136.2
157.5°	119.5	118.8
160°	102.8	102.4
162.5°	86.6	86.1
165°	70.1	69.7
167.5°	54.9	54.5
170°	38.4	38.1
172.5°	24.3	24.0
175°	12.2	12.0
177.5°	5.5	5.4
180°	0.0	0.0

(END OF REPORT)