

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: P232031

Luminaire Tested: **FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232031  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-24)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS  
Light Source: (84) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

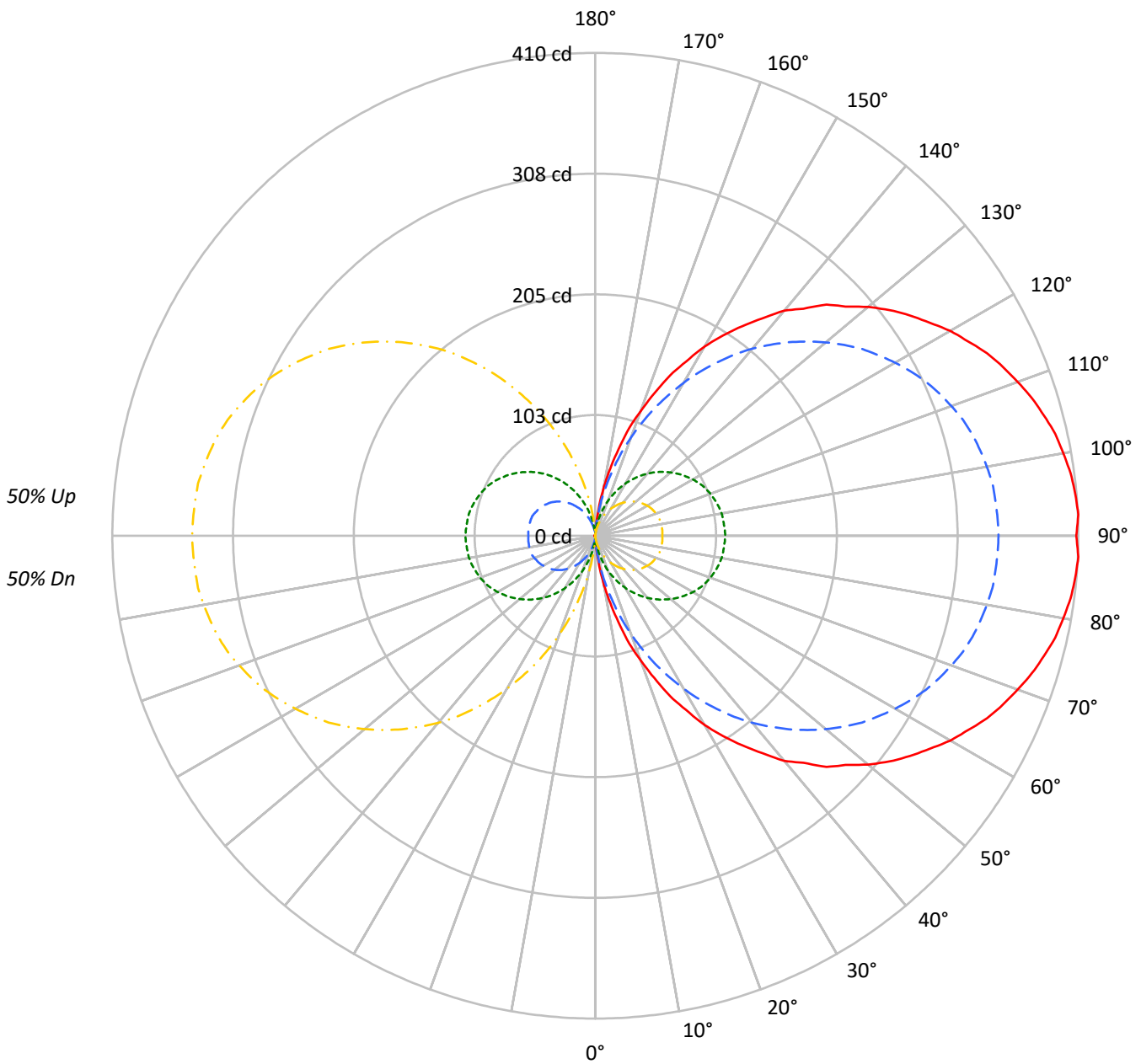
Lumens per Lamp: N/A  
Luminaire Lumens: 1750.4 lumens  
Efficiency: N/A  
Efficacy: 82.2 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 21.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



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



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

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	74	84	78	72	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	43	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	30	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	0	0	0	0
5°	219	69	0	69
10°	652	233	0	233
15°	1069	418	0	418
20°	1465	637	0	637
25°	1838	858	0	858
30°	2149	1098	0	1098
35°	2408	1350	0	1350
40°	2673	1624	0	1624
45°	2898	1926	0	1926
50°	3099	2270	0	2270
55°	3310	2679	0	2679
60°	3524	3174	0	3174
65°	3736	3806	0	3806
70°	3936	4624	7	4624
75°	4153	5802	7	5802
80°	4375	7678	0	7678
85°	4607	11126	0	11126



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	0.9	0.1
10°-20°	9.7	0.6
20°-30°	30.5	1.7
30°-40°	60.7	3.5
40°-50°	96.0	5.5
50°-60°	131.6	7.5
60°-70°	162.9	9.3
70°-80°	185.8	10.6
80°-90°	197.1	11.3
90°-100°	197.1	11.3
100°-110°	185.8	10.6
110°-120°	162.9	9.3
120°-130°	131.6	7.5
130°-140°	96.0	5.5
140°-150°	60.7	3.5
150°-160°	30.5	1.7
160°-170°	9.7	0.6
170°-180°	0.9	0.1
0°-30°	41.1	2.3
0°-40°	101.8	5.8
0°-60°	329.3	18.8
0°-90°	875.2	50.0
90°-120°	545.9	31.2
90°-150°	834.1	47.7
90°-180°	875.0	50.0
0°-180°	1750.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	13	4	0	4	13	2
15°	76	21	0	21	76	23
25°	150	42	0	42	150	70
35°	217	60	0	60	217	137
45°	278	77	0	77	278	214
55°	326	90	0	90	326	293
65°	367	100	0	100	367	363
75°	394	107	1	107	394	417
85°	409	110	0	110	409	333
90°	408	110	0	110	408	224
95°	409	110	0	110	409	333
105°	394	107	1	107	394	417
115°	367	100	0	100	367	363
125°	326	90	0	90	326	293
135°	278	77	0	77	278	214
145°	217	60	0	60	217	137
155°	150	42	0	42	150	70
165°	76	21	0	21	76	23
175°	13	4	0	4	13	2
180°	0	0	0	0	0	



TEST NUMBER: P232031

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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.5	4.5	4.6	4.5
5°	12.7	12.9	13.1	13.3	13.6	13.3	13.4	13.3	13.3	13.2	13.1
7.5°	26.0	26.3	26.6	26.8	26.5	26.4	26.3	26.1	25.8	25.5	25.0
10°	42.2	42.6	42.9	43.3	42.7	42.5	42.2	41.7	41.2	40.5	39.7
12.5°	58.3	58.8	59.2	59.0	58.9	58.7	58.3	57.7	57.0	56.2	55.4
15°	75.9	76.6	77.2	76.9	76.8	76.5	76.0	75.2	74.4	73.5	72.5
17.5°	96.3	96.5	96.7	95.8	95.2	94.4	93.4	92.7	92.0	91.0	89.8
20°	112.4	113.1	113.7	113.1	112.8	112.1	111.4	110.9	110.1	108.9	107.5
22.5°	130.7	131.4	132.1	131.4	131.0	130.3	130.0	129.3	128.4	127.2	125.7
25°	150.4	150.9	150.6	150.2	149.4	148.9	148.3	147.5	146.3	144.9	143.4
27.5°	166.6	167.5	167.7	167.6	167.1	166.8	166.1	165.1	163.6	162.5	160.8
30°	185.5	185.9	185.4	184.8	184.4	184.1	183.3	182.2	180.9	179.2	177.3
32.5°	201.7	202.1	201.7	201.0	201.0	200.7	200.0	199.2	198.2	196.6	194.3
35°	217.2	217.7	217.2	216.8	217.2	217.1	216.5	215.8	214.8	213.3	211.0
37.5°	232.6	233.1	232.6	232.5	232.9	232.8	232.5	231.7	230.2	228.5	226.4
40°	249.5	249.5	248.4	248.1	248.0	247.7	247.6	247.2	245.9	243.8	241.3
42.5°	261.4	262.0	261.6	262.2	262.4	262.3	261.9	261.2	260.2	258.4	256.1
45°	277.6	276.9	275.0	276.0	276.4	276.4	275.9	275.8	274.3	272.6	270.4
47.5°	288.1	288.5	288.0	288.9	289.4	289.8	289.7	289.1	287.9	286.0	283.5
50°	302.2	302.6	302.0	302.0	302.3	302.4	302.5	302.0	301.0	299.7	297.0
52.5°	314.8	314.8	314.3	314.5	314.8	315.0	315.4	314.6	313.3	311.4	309.1
55°	326.1	326.1	325.4	325.4	326.6	327.0	327.0	326.7	325.3	323.4	320.5
57.5°	336.6	336.6	336.6	337.1	337.9	338.5	338.6	338.2	337.0	334.7	332.2
60°	347.9	347.3	346.8	347.5	348.3	349.2	349.3	348.9	347.6	345.2	342.2
62.5°	357.0	356.6	356.1	356.8	357.9	359.2	359.4	358.6	357.3	354.7	351.1
65°	366.9	365.7	365.5	366.3	367.3	368.8	368.5	367.9	366.3	363.5	360.3
67.5°	374.6	373.6	373.8	374.9	376.1	377.2	376.8	376.0	374.2	371.3	368.1
70°	381.6	380.5	380.9	382.0	383.8	384.8	384.3	382.9	380.8	378.1	375.0
72.5°	388.6	387.4	387.3	388.6	390.1	391.2	390.4	389.3	387.1	384.2	380.8
75°	394.3	392.6	393.5	394.9	396.5	396.4	395.5	394.3	392.6	389.4	385.9
77.5°	399.9	397.5	398.8	400.5	401.1	401.0	399.7	398.5	396.8	393.8	390.4
80°	403.4	401.4	403.2	404.3	404.5	403.9	403.1	402.5	400.3	397.3	394.0
82.5°	406.9	404.8	406.8	406.6	406.6	406.7	405.7	404.4	402.5	399.9	396.4
85°	409.0	407.9	407.7	407.9	408.1	407.9	407.2	406.2	404.3	401.8	397.7
87.5°	410.4	408.7	407.8	407.7	408.2	408.2	407.4	405.9	404.3	402.0	398.3
90°	408.3	404.8	404.8	406.2	406.9	406.9	406.9	405.5	404.1	402.0	397.8
92.5°	410.4	408.7	407.8	407.7	408.2	408.2	407.4	405.9	404.3	402.0	398.3
95°	409.0	407.9	407.7	407.9	408.1	407.9	407.2	406.2	404.3	401.8	397.7
97.5°	406.9	404.8	406.8	406.6	406.6	406.7	405.7	404.4	402.5	399.9	396.4
100°	403.4	401.4	403.2	404.3	404.5	403.9	403.1	402.5	400.3	397.3	394.0
102.5°	399.9	397.5	398.8	400.5	401.1	401.0	399.7	398.5	396.8	393.8	390.4
105°	394.3	392.6	393.5	394.9	396.5	396.4	395.5	394.3	392.6	389.4	385.9
107.5°	388.6	387.4	387.3	388.6	390.1	391.2	390.4	389.3	387.1	384.2	380.8
110°	381.6	380.5	380.9	382.0	383.8	384.8	384.3	382.9	380.8	378.1	375.0



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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°	374.6	373.6	373.8	374.9	376.1	377.2	376.8	376.0	374.2	371.3	368.1
115°	366.9	365.7	365.5	366.3	367.3	368.8	368.5	367.9	366.3	363.5	360.3
117.5°	357.0	356.6	356.1	356.8	357.9	359.2	359.4	358.6	357.3	354.7	351.1
120°	347.9	347.3	346.8	347.5	348.3	349.2	349.3	348.9	347.6	345.2	342.2
122.5°	336.6	336.6	336.6	337.1	337.9	338.5	338.6	338.2	337.0	334.7	332.2
125°	326.1	326.1	325.4	325.4	326.6	327.0	327.0	326.7	325.3	323.4	320.5
127.5°	314.8	314.8	314.3	314.5	314.8	315.0	315.4	314.6	313.3	311.4	309.1
130°	302.2	302.6	302.0	302.0	302.3	302.4	302.5	302.0	301.0	299.7	297.0
132.5°	288.1	288.5	288.0	288.9	289.4	289.8	289.7	289.1	287.9	286.0	283.5
135°	277.6	276.9	275.0	276.0	276.4	276.4	275.9	275.8	274.3	272.6	270.4
137.5°	261.4	262.0	261.6	262.2	262.4	262.3	261.9	261.2	260.2	258.4	256.1
140°	249.5	249.5	248.4	248.1	248.0	247.7	247.6	247.2	245.9	243.8	241.3
142.5°	232.6	233.1	232.6	232.5	232.9	232.8	232.5	231.7	230.2	228.5	226.4
145°	217.2	217.7	217.2	216.8	217.2	217.1	216.5	215.8	214.8	213.3	211.0
147.5°	201.7	202.1	201.7	201.0	201.0	200.7	200.0	199.2	198.2	196.6	194.3
150°	185.5	185.9	185.4	184.8	184.4	184.1	183.3	182.2	180.9	179.2	177.3
152.5°	166.6	167.5	167.7	167.6	167.1	166.8	166.1	165.1	163.6	162.5	160.8
155°	150.4	150.9	150.6	150.2	149.4	148.9	148.3	147.5	146.3	144.9	143.4
157.5°	130.7	131.4	132.1	131.4	131.0	130.3	130.0	129.3	128.4	127.2	125.7
160°	112.4	113.1	113.7	113.1	112.8	112.1	111.4	110.9	110.1	108.9	107.5
162.5°	96.3	96.5	96.7	95.8	95.2	94.4	93.4	92.7	92.0	91.0	89.8
165°	75.9	76.6	77.2	76.9	76.8	76.5	76.0	75.2	74.4	73.5	72.5
167.5°	58.3	58.8	59.2	59.0	58.9	58.7	58.3	57.7	57.0	56.2	55.4
170°	42.2	42.6	42.9	43.3	42.7	42.5	42.2	41.7	41.2	40.5	39.7
172.5°	26.0	26.3	26.6	26.8	26.5	26.4	26.3	26.1	25.8	25.5	25.0
175°	12.7	12.9	13.1	13.3	13.6	13.3	13.4	13.3	13.3	13.2	13.1
177.5°	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.5	4.5	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):**

	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	4.3	4.2	4.1	4.0	3.9
5°	12.9	12.7	12.4	12.1	11.8	11.4	11.0	10.6	10.1	9.6	9.1
7.5°	24.6	24.0	23.4	22.7	22.0	21.2	20.2	19.6	18.7	18.0	17.4
10°	38.7	37.6	36.8	35.8	34.8	33.6	32.5	31.5	30.3	29.1	27.7
12.5°	54.6	53.6	52.4	51.0	49.5	48.0	46.4	44.7	42.9	41.0	39.1
15°	71.4	70.1	68.7	67.1	65.2	63.1	61.0	58.7	56.4	54.2	51.9
17.5°	88.3	86.5	84.6	82.8	81.0	78.9	76.5	73.8	71.1	68.3	65.4
20°	105.9	104.0	102.0	99.8	97.4	94.7	91.9	88.9	85.5	82.0	78.7
22.5°	124.1	122.1	119.8	117.2	114.3	111.2	107.9	104.3	100.6	96.6	92.6
25°	141.6	139.5	137.1	134.5	131.2	127.5	123.7	119.7	115.4	110.8	106.7
27.5°	158.7	156.3	153.7	150.8	147.3	143.4	139.6	134.6	130.2	125.5	120.4
30°	175.0	172.8	170.4	166.8	163.3	159.5	154.8	149.9	144.9	139.7	134.2
32.5°	192.0	189.5	186.6	182.8	178.8	174.6	169.9	164.9	159.4	153.6	147.5
35°	208.5	205.6	202.5	199.0	194.8	189.9	184.8	179.4	173.8	167.6	160.8
37.5°	223.9	220.9	217.6	214.4	209.6	204.9	199.5	193.8	187.7	181.3	174.1
40°	238.9	236.2	232.7	228.6	223.8	218.6	213.3	207.4	200.7	193.7	186.6
42.5°	253.4	250.8	247.5	243.0	239.0	232.5	226.2	219.9	213.0	205.6	198.0
45°	267.3	263.9	260.4	256.3	251.2	245.8	239.3	232.3	225.1	217.6	209.1
47.5°	281.0	277.9	273.7	269.0	263.5	257.4	251.5	244.2	236.5	229.1	220.4
50°	294.2	290.7	286.4	281.5	276.6	269.4	262.7	255.5	247.5	239.1	230.4
52.5°	306.4	302.7	298.3	292.8	287.0	281.0	273.7	266.2	258.6	249.1	239.9
55°	317.5	314.0	309.2	303.9	297.6	290.9	283.8	276.4	267.8	258.7	249.8
57.5°	328.4	323.9	319.3	313.8	307.6	300.8	293.2	285.2	276.8	267.7	257.8
60°	338.8	333.9	328.6	323.2	316.8	309.9	302.2	293.8	285.0	275.7	265.7
62.5°	347.1	343.3	337.7	331.4	325.2	318.4	310.6	302.0	292.9	283.2	273.0
65°	355.8	351.0	345.9	339.2	332.8	325.9	318.2	309.6	300.1	289.8	279.4
67.5°	363.8	358.7	353.2	346.8	339.8	332.4	324.7	316.0	306.6	296.2	285.1
70°	370.6	365.7	360.3	353.4	346.0	338.3	330.4	321.7	312.1	302.2	290.7
72.5°	376.4	371.8	365.9	359.1	351.8	344.2	335.9	327.3	317.1	307.5	295.9
75°	381.7	376.8	371.0	364.0	356.9	349.3	340.4	331.5	321.7	311.6	300.1
77.5°	386.2	381.1	375.1	368.7	361.2	353.1	344.1	334.7	325.0	314.5	302.8
80°	389.6	384.3	378.4	371.8	364.3	355.7	346.6	337.5	327.5	317.1	305.5
82.5°	392.3	387.2	381.0	374.1	366.1	357.6	348.7	340.1	329.7	318.8	308.0
85°	393.5	388.5	382.6	375.5	367.4	359.2	350.2	341.0	330.8	320.2	309.5
87.5°	394.1	389.3	383.0	376.1	368.3	360.5	351.4	341.8	331.5	321.2	310.3
90°	393.6	389.3	383.0	376.7	368.3	360.5	351.4	342.3	331.0	321.2	309.9
92.5°	394.1	389.3	383.0	376.1	368.3	360.5	351.4	341.8	331.5	321.2	310.3
95°	393.5	388.5	382.6	375.5	367.4	359.2	350.2	341.0	330.8	320.2	309.5
97.5°	392.3	387.2	381.0	374.1	366.1	357.6	348.7	340.1	329.7	318.8	308.0
100°	389.6	384.3	378.4	371.8	364.3	355.7	346.6	337.5	327.5	317.1	305.5
102.5°	386.2	381.1	375.1	368.7	361.2	353.1	344.1	334.7	325.0	314.5	302.8
105°	381.7	376.8	371.0	364.0	356.9	349.3	340.4	331.5	321.7	311.6	300.1
107.5°	376.4	371.8	365.9	359.1	351.8	344.2	335.9	327.3	317.1	307.5	295.9
110°	370.6	365.7	360.3	353.4	346.0	338.3	330.4	321.7	312.1	302.2	290.7





TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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°	363.8	358.7	353.2	346.8	339.8	332.4	324.7	316.0	306.6	296.2	285.1
115°	355.8	351.0	345.9	339.2	332.8	325.9	318.2	309.6	300.1	289.8	279.4
117.5°	347.1	343.3	337.7	331.4	325.2	318.4	310.6	302.0	292.9	283.2	273.0
120°	338.8	333.9	328.6	323.2	316.8	309.9	302.2	293.8	285.0	275.7	265.7
122.5°	328.4	323.9	319.3	313.8	307.6	300.8	293.2	285.2	276.8	267.7	257.8
125°	317.5	314.0	309.2	303.9	297.6	290.9	283.8	276.4	267.8	258.7	249.8
127.5°	306.4	302.7	298.3	292.8	287.0	281.0	273.7	266.2	258.6	249.1	239.9
130°	294.2	290.7	286.4	281.5	276.6	269.4	262.7	255.5	247.5	239.1	230.4
132.5°	281.0	277.9	273.7	269.0	263.5	257.4	251.5	244.2	236.5	229.1	220.4
135°	267.3	263.9	260.4	256.3	251.2	245.8	239.3	232.3	225.1	217.6	209.1
137.5°	253.4	250.8	247.5	243.0	239.0	232.5	226.2	219.9	213.0	205.6	198.0
140°	238.9	236.2	232.7	228.6	223.8	218.6	213.3	207.4	200.7	193.7	186.6
142.5°	223.9	220.9	217.6	214.4	209.6	204.9	199.5	193.8	187.7	181.3	174.1
145°	208.5	205.6	202.5	199.0	194.8	189.9	184.8	179.4	173.8	167.6	160.8
147.5°	192.0	189.5	186.6	182.8	178.8	174.6	169.9	164.9	159.4	153.6	147.5
150°	175.0	172.8	170.4	166.8	163.3	159.5	154.8	149.9	144.9	139.7	134.2
152.5°	158.7	156.3	153.7	150.8	147.3	143.4	139.6	134.6	130.2	125.5	120.4
155°	141.6	139.5	137.1	134.5	131.2	127.5	123.7	119.7	115.4	110.8	106.7
157.5°	124.1	122.1	119.8	117.2	114.3	111.2	107.9	104.3	100.6	96.6	92.6
160°	105.9	104.0	102.0	99.8	97.4	94.7	91.9	88.9	85.5	82.0	78.7
162.5°	88.3	86.5	84.6	82.8	81.0	78.9	76.5	73.8	71.1	68.3	65.4
165°	71.4	70.1	68.7	67.1	65.2	63.1	61.0	58.7	56.4	54.2	51.9
167.5°	54.6	53.6	52.4	51.0	49.5	48.0	46.4	44.7	42.9	41.0	39.1
170°	38.7	37.6	36.8	35.8	34.8	33.6	32.5	31.5	30.3	29.1	27.7
172.5°	24.6	24.0	23.4	22.7	22.0	21.2	20.2	19.6	18.7	18.0	17.4
175°	12.9	12.7	12.4	12.1	11.8	11.4	11.0	10.6	10.1	9.6	9.1
177.5°	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2	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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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	3.6	3.5	3.4	3.2	3.1	2.9	2.8	2.6	2.5
5°	8.5	7.9	7.2	7.0	6.7	6.4	6.2	5.9	5.6	5.2	4.9
7.5°	16.6	15.9	15.1	14.2	13.3	12.4	11.4	10.9	10.6	10.2	9.7
10°	26.3	24.8	23.3	22.1	21.0	19.8	18.5	17.2	15.9	15.2	14.6
12.5°	37.3	35.4	33.4	31.4	29.3	27.5	25.9	24.3	22.7	20.9	19.8
15°	49.4	46.7	44.3	41.5	39.1	36.5	33.8	31.7	29.6	27.5	25.2
17.5°	62.9	59.2	55.8	52.2	48.8	45.8	42.6	39.3	36.7	34.3	31.8
20°	75.2	71.3	67.3	63.4	59.4	55.5	51.7	47.7	43.6	40.9	38.3
22.5°	88.5	84.0	79.2	74.0	69.8	65.5	61.1	56.7	52.1	48.0	45.0
25°	101.7	96.8	91.6	86.2	80.8	75.8	70.8	65.7	60.7	55.7	51.9
27.5°	115.1	109.6	103.7	97.5	91.9	86.0	80.1	74.1	68.5	63.1	58.3
30°	128.4	122.2	115.8	109.2	102.7	96.0	89.1	82.4	75.9	70.1	64.7
32.5°	140.9	134.2	127.2	120.2	113.5	106.2	98.4	90.8	83.3	76.7	70.7
35°	153.7	146.2	138.7	130.9	123.3	115.7	107.5	99.6	91.1	83.4	76.7
37.5°	166.2	158.4	150.5	142.1	133.9	124.9	116.2	107.4	98.8	90.2	83.0
40°	178.6	169.9	161.4	152.5	143.0	133.6	124.4	115.2	106.1	97.3	89.3
42.5°	190.0	181.0	171.6	162.1	152.3	142.4	132.6	122.8	112.9	103.5	94.6
45°	200.4	191.6	181.8	171.8	161.7	151.0	140.6	130.5	119.6	109.3	99.7
47.5°	210.7	201.5	191.6	182.0	171.0	159.7	148.1	137.6	126.2	115.1	104.8
50°	220.8	211.0	200.7	189.8	178.7	167.2	154.7	143.8	132.4	120.8	109.8
52.5°	230.4	220.0	209.0	197.7	186.1	174.3	161.5	149.7	138.3	125.8	114.7
55°	239.7	228.9	217.4	205.6	193.6	181.2	168.2	155.6	144.0	130.7	119.3
57.5°	247.7	237.0	226.0	213.4	200.9	187.9	174.5	161.3	149.1	135.5	123.5
60°	255.1	244.4	232.7	220.1	207.1	194.0	180.1	167.1	153.8	140.2	127.6
62.5°	261.9	251.0	239.2	226.3	212.9	199.7	185.3	171.9	158.1	144.2	131.2
65°	268.4	256.8	245.0	231.8	217.9	204.8	190.2	176.0	162.0	147.9	134.5
67.5°	273.8	262.1	250.0	236.9	222.8	209.2	194.6	179.7	165.3	151.1	137.5
70°	278.9	266.9	254.4	241.4	227.6	213.2	198.5	183.3	168.2	154.0	140.4
72.5°	283.9	271.4	258.5	245.4	231.7	216.9	201.7	186.6	171.2	156.6	142.2
75°	287.9	275.3	262.2	248.5	234.7	220.1	204.2	189.6	174.2	159.2	143.7
77.5°	291.0	278.6	265.4	251.2	237.0	222.7	206.7	191.9	175.9	160.9	145.2
80°	293.1	280.4	267.5	253.4	238.7	224.6	209.2	194.0	177.1	162.4	146.7
82.5°	294.9	281.9	269.4	255.4	240.5	226.2	210.2	195.3	178.6	163.4	148.6
85°	296.4	283.6	271.1	257.1	242.4	228.3	210.8	196.8	180.5	164.5	149.7
87.5°	297.3	284.3	271.4	257.9	242.9	227.8	211.1	197.1	180.3	164.5	149.0
90°	297.3	283.9	270.6	257.9	242.5	227.0	211.5	197.5	179.9	164.5	148.3
92.5°	297.3	284.3	271.4	257.9	242.9	227.8	211.1	197.1	180.3	164.5	149.0
95°	296.4	283.6	271.1	257.1	242.4	228.3	210.8	196.8	180.5	164.5	149.7
97.5°	294.9	281.9	269.4	255.4	240.5	226.2	210.2	195.3	178.6	163.4	148.6
100°	293.1	280.4	267.5	253.4	238.7	224.6	209.2	194.0	177.1	162.4	146.7
102.5°	291.0	278.6	265.4	251.2	237.0	222.7	206.7	191.9	175.9	160.9	145.2
105°	287.9	275.3	262.2	248.5	234.7	220.1	204.2	189.6	174.2	159.2	143.7
107.5°	283.9	271.4	258.5	245.4	231.7	216.9	201.7	186.6	171.2	156.6	142.2
110°	278.9	266.9	254.4	241.4	227.6	213.2	198.5	183.3	168.2	154.0	140.4



TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	273.8	262.1	250.0	236.9	222.8	209.2	194.6	179.7	165.3	151.1	137.5
115°	268.4	256.8	245.0	231.8	217.9	204.8	190.2	176.0	162.0	147.9	134.5
117.5°	261.9	251.0	239.2	226.3	212.9	199.7	185.3	171.9	158.1	144.2	131.2
120°	255.1	244.4	232.7	220.1	207.1	194.0	180.1	167.1	153.8	140.2	127.6
122.5°	247.7	237.0	226.0	213.4	200.9	187.9	174.5	161.3	149.1	135.5	123.5
125°	239.7	228.9	217.4	205.6	193.6	181.2	168.2	155.6	144.0	130.7	119.3
127.5°	230.4	220.0	209.0	197.7	186.1	174.3	161.5	149.7	138.3	125.8	114.7
130°	220.8	211.0	200.7	189.8	178.7	167.2	154.7	143.8	132.4	120.8	109.8
132.5°	210.7	201.5	191.6	182.0	171.0	159.7	148.1	137.6	126.2	115.1	104.8
135°	200.4	191.6	181.8	171.8	161.7	151.0	140.6	130.5	119.6	109.3	99.7
137.5°	190.0	181.0	171.6	162.1	152.3	142.4	132.6	122.8	112.9	103.5	94.6
140°	178.6	169.9	161.4	152.5	143.0	133.6	124.4	115.2	106.1	97.3	89.3
142.5°	166.2	158.4	150.5	142.1	133.9	124.9	116.2	107.4	98.8	90.2	83.0
145°	153.7	146.2	138.7	130.9	123.3	115.7	107.5	99.6	91.1	83.4	76.7
147.5°	140.9	134.2	127.2	120.2	113.5	106.2	98.4	90.8	83.3	76.7	70.7
150°	128.4	122.2	115.8	109.2	102.7	96.0	89.1	82.4	75.9	70.1	64.7
152.5°	115.1	109.6	103.7	97.5	91.9	86.0	80.1	74.1	68.5	63.1	58.3
155°	101.7	96.8	91.6	86.2	80.8	75.8	70.8	65.7	60.7	55.7	51.9
157.5°	88.5	84.0	79.2	74.0	69.8	65.5	61.1	56.7	52.1	48.0	45.0
160°	75.2	71.3	67.3	63.4	59.4	55.5	51.7	47.7	43.6	40.9	38.3
162.5°	62.9	59.2	55.8	52.2	48.8	45.8	42.6	39.3	36.7	34.3	31.8
165°	49.4	46.7	44.3	41.5	39.1	36.5	33.8	31.7	29.6	27.5	25.2
167.5°	37.3	35.4	33.4	31.4	29.3	27.5	25.9	24.3	22.7	20.9	19.8
170°	26.3	24.8	23.3	22.1	21.0	19.8	18.5	17.2	15.9	15.2	14.6
172.5°	16.6	15.9	15.1	14.2	13.3	12.4	11.4	10.9	10.6	10.2	9.7
175°	8.5	7.9	7.2	7.0	6.7	6.4	6.2	5.9	5.6	5.2	4.9
177.5°	3.8	3.7	3.6	3.5	3.4	3.2	3.1	2.9	2.8	2.6	2.5
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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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	1.7	1.7	1.7
5°	4.6	4.2	3.9	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3
7.5°	9.3	8.8	8.2	7.7	7.6	7.5	7.3	7.2	7.0	6.8	6.6
10°	14.0	13.3	12.6	11.9	11.6	11.4	11.0	10.7	10.4	10.0	9.7
12.5°	19.1	18.3	17.4	16.5	16.3	16.0	15.6	15.2	14.8	14.4	14.0
15°	24.1	23.2	22.2	21.1	20.9	20.6	20.3	20.0	19.5	19.1	18.5
17.5°	29.8	28.7	27.6	26.4	26.0	25.6	25.1	24.7	24.2	23.6	23.0
20°	35.7	34.3	33.0	31.6	31.1	30.5	29.9	29.4	28.9	28.3	27.4
22.5°	42.0	39.9	38.3	36.6	36.0	35.3	34.7	34.2	33.6	32.7	31.7
25°	48.4	45.5	43.5	41.5	40.9	40.2	39.5	39.0	38.2	37.2	36.1
27.5°	54.4	50.7	48.6	46.4	45.7	44.9	44.2	43.5	42.6	41.6	40.5
30°	60.4	56.0	53.7	51.3	50.6	49.7	48.8	47.8	47.0	46.2	44.9
32.5°	65.6	61.0	58.3	55.9	55.1	54.2	53.2	52.2	51.3	50.2	48.9
35°	70.8	65.9	62.8	60.4	59.6	58.6	57.6	56.5	55.3	54.1	52.7
37.5°	76.3	71.0	67.4	64.7	63.8	62.8	61.7	60.5	59.3	58.0	56.5
40°	81.8	76.2	72.0	68.9	68.0	66.9	65.8	64.6	63.3	61.9	60.4
42.5°	86.4	80.6	76.0	72.8	71.8	70.7	69.6	68.3	67.0	65.6	63.9
45°	91.1	84.9	80.0	76.6	75.6	74.5	73.3	72.0	70.6	69.0	67.1
47.5°	96.0	89.1	83.7	80.1	79.0	77.9	76.7	75.4	74.0	72.3	70.2
50°	100.9	93.3	87.4	83.6	82.5	81.3	80.0	78.7	77.3	75.4	73.3
52.5°	104.9	96.8	90.7	86.8	85.3	84.1	82.9	81.7	80.1	78.2	76.1
55°	108.8	100.1	94.0	90.0	88.2	86.8	85.8	84.6	82.7	80.7	78.6
57.5°	112.6	103.4	96.9	92.8	91.0	89.6	88.5	87.1	85.3	83.2	81.1
60°	116.2	106.5	99.8	95.6	93.8	92.4	91.0	89.7	87.9	85.7	83.7
62.5°	119.5	109.3	102.1	98.1	96.2	94.5	93.3	91.9	90.0	87.9	85.6
65°	122.8	112.1	104.3	100.5	98.6	96.6	95.6	94.0	91.9	89.8	87.5
67.5°	125.2	114.2	106.4	102.3	100.3	98.6	97.2	95.6	93.6	91.5	89.1
70°	127.6	116.3	108.6	104.0	102.0	100.6	98.7	97.2	95.2	93.1	90.6
72.5°	129.6	118.0	110.4	105.4	103.4	102.0	100.0	98.5	96.6	94.3	91.8
75°	131.4	119.6	112.4	106.8	104.8	103.4	101.3	99.9	97.9	95.3	93.0
77.5°	132.6	120.8	112.7	107.9	105.5	104.1	102.3	100.6	98.6	96.1	93.7
80°	133.6	122.3	113.1	108.9	106.1	104.7	103.3	101.3	99.2	97.1	94.4
82.5°	134.5	123.0	113.8	109.3	106.8	105.4	103.7	101.9	99.5	97.4	94.7
85°	134.9	123.7	114.6	109.6	107.5	106.1	104.0	102.6	99.8	97.7	94.9
87.5°	135.2	123.4	114.6	110.0	107.5	106.1	104.4	102.6	100.2	98.0	95.3
90°	135.6	123.0	114.6	110.3	107.5	106.1	104.7	102.6	100.5	98.4	95.6
92.5°	135.2	123.4	114.6	110.0	107.5	106.1	104.4	102.6	100.2	98.0	95.3
95°	134.9	123.7	114.6	109.6	107.5	106.1	104.0	102.6	99.8	97.7	94.9
97.5°	134.5	123.0	113.8	109.3	106.8	105.4	103.7	101.9	99.5	97.4	94.7
100°	133.6	122.3	113.1	108.9	106.1	104.7	103.3	101.3	99.2	97.1	94.4
102.5°	132.6	120.8	112.7	107.9	105.5	104.1	102.3	100.6	98.6	96.1	93.7
105°	131.4	119.6	112.4	106.8	104.8	103.4	101.3	99.9	97.9	95.3	93.0
107.5°	129.6	118.0	110.4	105.4	103.4	102.0	100.0	98.5	96.6	94.3	91.8
110°	127.6	116.3	108.6	104.0	102.0	100.6	98.7	97.2	95.2	93.1	90.6



TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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°	125.2	114.2	106.4	102.3	100.3	98.6	97.2	95.6	93.6	91.5	89.1
115°	122.8	112.1	104.3	100.5	98.6	96.6	95.6	94.0	91.9	89.8	87.5
117.5°	119.5	109.3	102.1	98.1	96.2	94.5	93.3	91.9	90.0	87.9	85.6
120°	116.2	106.5	99.8	95.6	93.8	92.4	91.0	89.7	87.9	85.7	83.7
122.5°	112.6	103.4	96.9	92.8	91.0	89.6	88.5	87.1	85.3	83.2	81.1
125°	108.8	100.1	94.0	90.0	88.2	86.8	85.8	84.6	82.7	80.7	78.6
127.5°	104.9	96.8	90.7	86.8	85.3	84.1	82.9	81.7	80.1	78.2	76.1
130°	100.9	93.3	87.4	83.6	82.5	81.3	80.0	78.7	77.3	75.4	73.3
132.5°	96.0	89.1	83.7	80.1	79.0	77.9	76.7	75.4	74.0	72.3	70.2
135°	91.1	84.9	80.0	76.6	75.6	74.5	73.3	72.0	70.6	69.0	67.1
137.5°	86.4	80.6	76.0	72.8	71.8	70.7	69.6	68.3	67.0	65.6	63.9
140°	81.8	76.2	72.0	68.9	68.0	66.9	65.8	64.6	63.3	61.9	60.4
142.5°	76.3	71.0	67.4	64.7	63.8	62.8	61.7	60.5	59.3	58.0	56.5
145°	70.8	65.9	62.8	60.4	59.6	58.6	57.6	56.5	55.3	54.1	52.7
147.5°	65.6	61.0	58.3	55.9	55.1	54.2	53.2	52.2	51.3	50.2	48.9
150°	60.4	56.0	53.7	51.3	50.6	49.7	48.8	47.8	47.0	46.2	44.9
152.5°	54.4	50.7	48.6	46.4	45.7	44.9	44.2	43.5	42.6	41.6	40.5
155°	48.4	45.5	43.5	41.5	40.9	40.2	39.5	39.0	38.2	37.2	36.1
157.5°	42.0	39.9	38.3	36.6	36.0	35.3	34.7	34.2	33.6	32.7	31.7
160°	35.7	34.3	33.0	31.6	31.1	30.5	29.9	29.4	28.9	28.3	27.4
162.5°	29.8	28.7	27.6	26.4	26.0	25.6	25.1	24.7	24.2	23.6	23.0
165°	24.1	23.2	22.2	21.1	20.9	20.6	20.3	20.0	19.5	19.1	18.5
167.5°	19.1	18.3	17.4	16.5	16.3	16.0	15.6	15.2	14.8	14.4	14.0
170°	14.0	13.3	12.6	11.9	11.6	11.4	11.0	10.7	10.4	10.0	9.7
172.5°	9.3	8.8	8.2	7.7	7.6	7.5	7.3	7.2	7.0	6.8	6.6
175°	4.6	4.2	3.9	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3
177.5°	2.3	2.1	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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°	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2
5°	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.5	2.4	2.3
7.5°	6.4	6.1	5.8	5.6	5.3	4.9	4.6	4.3	3.9	3.6	3.2
10°	9.4	9.1	8.7	8.4	8.0	7.6	7.3	6.9	6.6	6.2	5.7
12.5°	13.5	13.0	12.5	12.0	11.5	10.9	10.3	9.8	9.2	8.6	8.0
15°	18.0	17.4	16.8	16.1	15.4	14.6	13.7	12.9	12.0	11.1	10.2
17.5°	22.3	21.6	20.8	19.9	18.9	17.8	16.8	15.8	14.9	13.9	12.8
20°	26.5	25.5	24.6	23.6	22.6	21.4	20.3	19.1	17.9	16.7	15.6
22.5°	30.6	29.6	28.7	27.6	26.3	25.0	23.7	22.4	21.2	19.8	18.4
25°	34.9	33.8	32.6	31.4	30.0	28.7	27.3	25.9	24.3	22.6	21.0
27.5°	39.2	37.8	36.6	35.4	33.9	32.3	30.7	29.0	27.2	25.5	23.8
30°	43.5	42.1	40.8	39.2	37.6	35.8	34.0	32.2	30.3	28.5	26.5
32.5°	47.6	46.2	44.7	43.0	41.2	39.4	37.4	35.3	33.2	31.2	29.0
35°	51.3	49.8	48.2	46.5	44.6	42.7	40.5	38.2	36.1	33.9	31.7
37.5°	55.0	53.4	51.7	49.7	47.6	45.6	43.4	41.2	39.1	36.8	34.3
40°	58.7	56.8	54.9	52.9	50.8	48.8	46.3	44.0	41.8	39.3	36.6
42.5°	62.1	60.1	58.3	56.3	54.0	51.6	49.1	46.9	44.4	41.7	38.9
45°	65.1	63.2	61.5	59.2	56.9	54.4	51.9	49.4	46.7	44.0	41.2
47.5°	68.1	66.3	64.4	62.1	59.6	57.0	54.3	51.7	49.1	46.3	43.1
50°	71.2	69.2	67.0	64.6	62.1	59.3	56.5	53.9	51.0	48.0	44.9
52.5°	74.0	71.9	69.6	66.9	64.2	61.5	58.7	55.7	52.8	49.9	46.7
55°	76.4	74.2	71.9	69.0	66.6	63.7	60.6	57.5	54.8	51.6	48.3
57.5°	78.8	76.6	74.1	71.3	68.8	65.8	62.6	59.5	56.7	52.9	49.6
60°	80.9	78.7	76.0	73.3	70.7	67.8	64.7	61.1	57.8	54.3	51.0
62.5°	82.9	80.7	77.9	75.1	72.2	69.2	66.0	62.4	59.2	55.6	52.2
65°	84.8	82.5	79.6	76.7	73.7	70.7	67.3	63.9	60.5	56.7	53.3
67.5°	86.5	84.1	81.3	78.4	75.4	71.9	68.7	65.2	61.6	57.9	54.1
70°	88.1	85.5	82.5	79.4	76.4	73.0	70.0	66.4	62.7	58.9	55.1
72.5°	89.4	86.7	83.6	80.5	77.3	74.0	70.9	67.3	63.5	59.6	56.0
75°	90.4	87.5	84.6	81.4	78.2	74.9	71.6	68.0	64.1	60.1	56.3
77.5°	91.0	88.2	85.4	82.1	79.1	75.8	72.3	68.3	64.5	60.5	56.5
80°	91.6	88.8	85.9	82.5	79.5	76.2	72.3	68.5	64.9	60.8	56.9
82.5°	92.1	89.1	86.2	82.8	79.9	76.5	72.4	68.8	65.3	61.1	56.9
85°	92.8	89.4	86.4	83.0	80.1	76.7	72.5	69.0	65.4	61.2	57.0
87.5°	92.8	89.3	86.4	83.2	80.1	76.6	72.7	69.0	65.5	61.2	57.0
90°	92.8	89.3	86.4	83.6	80.1	76.6	73.1	68.9	65.4	61.1	56.9
92.5°	92.8	89.3	86.4	83.2	80.1	76.6	72.7	69.0	65.5	61.2	57.0
95°	92.8	89.4	86.4	83.0	80.1	76.7	72.5	69.0	65.4	61.2	57.0
97.5°	92.1	89.1	86.2	82.8	79.9	76.5	72.4	68.8	65.3	61.1	56.9
100°	91.6	88.8	85.9	82.5	79.5	76.2	72.3	68.5	64.9	60.8	56.9
102.5°	91.0	88.2	85.4	82.1	79.1	75.8	72.3	68.3	64.5	60.5	56.5
105°	90.4	87.5	84.6	81.4	78.2	74.9	71.6	68.0	64.1	60.1	56.3
107.5°	89.4	86.7	83.6	80.5	77.3	74.0	70.9	67.3	63.5	59.6	56.0
110°	88.1	85.5	82.5	79.4	76.4	73.0	70.0	66.4	62.7	58.9	55.1



TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	86.5	84.1	81.3	78.4	75.4	71.9	68.7	65.2	61.6	57.9	54.1
115°	84.8	82.5	79.6	76.7	73.7	70.7	67.3	63.9	60.5	56.7	53.3
117.5°	82.9	80.7	77.9	75.1	72.2	69.2	66.0	62.4	59.2	55.6	52.2
120°	80.9	78.7	76.0	73.3	70.7	67.8	64.7	61.1	57.8	54.3	51.0
122.5°	78.8	76.6	74.1	71.3	68.8	65.8	62.6	59.5	56.7	52.9	49.6
125°	76.4	74.2	71.9	69.0	66.6	63.7	60.6	57.5	54.8	51.6	48.3
127.5°	74.0	71.9	69.6	66.9	64.2	61.5	58.7	55.7	52.8	49.9	46.7
130°	71.2	69.2	67.0	64.6	62.1	59.3	56.5	53.9	51.0	48.0	44.9
132.5°	68.1	66.3	64.4	62.1	59.6	57.0	54.3	51.7	49.1	46.3	43.1
135°	65.1	63.2	61.5	59.2	56.9	54.4	51.9	49.4	46.7	44.0	41.2
137.5°	62.1	60.1	58.3	56.3	54.0	51.6	49.1	46.9	44.4	41.7	38.9
140°	58.7	56.8	54.9	52.9	50.8	48.8	46.3	44.0	41.8	39.3	36.6
142.5°	55.0	53.4	51.7	49.7	47.6	45.6	43.4	41.2	39.1	36.8	34.3
145°	51.3	49.8	48.2	46.5	44.6	42.7	40.5	38.2	36.1	33.9	31.7
147.5°	47.6	46.2	44.7	43.0	41.2	39.4	37.4	35.3	33.2	31.2	29.0
150°	43.5	42.1	40.8	39.2	37.6	35.8	34.0	32.2	30.3	28.5	26.5
152.5°	39.2	37.8	36.6	35.4	33.9	32.3	30.7	29.0	27.2	25.5	23.8
155°	34.9	33.8	32.6	31.4	30.0	28.7	27.3	25.9	24.3	22.6	21.0
157.5°	30.6	29.6	28.7	27.6	26.3	25.0	23.7	22.4	21.2	19.8	18.4
160°	26.5	25.5	24.6	23.6	22.6	21.4	20.3	19.1	17.9	16.7	15.6
162.5°	22.3	21.6	20.8	19.9	18.9	17.8	16.8	15.8	14.9	13.9	12.8
165°	18.0	17.4	16.8	16.1	15.4	14.6	13.7	12.9	12.0	11.1	10.2
167.5°	13.5	13.0	12.5	12.0	11.5	10.9	10.3	9.8	9.2	8.6	8.0
170°	9.4	9.1	8.7	8.4	8.0	7.6	7.3	6.9	6.6	6.2	5.7
172.5°	6.4	6.1	5.8	5.6	5.3	4.9	4.6	4.3	3.9	3.6	3.2
175°	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.5	2.4	2.3
177.5°	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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	0.7	0.6	0.5
5°	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0	0.9
7.5°	2.8	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3
10°	5.3	4.8	4.4	3.9	3.4	2.8	2.6	2.4	2.2	1.9	1.7
12.5°	7.4	6.8	6.2	5.6	4.9	4.2	3.6	2.9	2.3	2.0	1.7
15°	9.3	8.4	7.7	6.9	6.1	5.4	4.7	3.9	3.2	2.4	1.9
17.5°	11.8	10.8	9.8	8.8	7.9	7.1	6.1	5.1	4.2	3.2	2.2
20°	14.4	13.3	12.1	10.8	9.6	8.3	7.1	6.0	4.9	3.9	2.9
22.5°	16.9	15.5	14.1	12.7	11.3	9.8	8.3	6.8	5.7	4.6	3.6
25°	19.5	17.9	16.3	14.7	13.1	11.5	9.8	8.1	6.5	5.4	4.3
27.5°	22.2	20.3	18.5	16.7	14.9	13.2	11.5	9.8	8.0	6.1	4.9
30°	24.5	22.4	20.6	18.7	16.9	14.7	12.5	10.6	8.7	6.9	5.2
32.5°	26.9	24.9	22.8	20.5	18.3	16.0	13.7	11.4	9.6	7.7	5.7
35°	29.3	27.0	24.7	22.3	19.8	17.4	15.2	12.9	10.6	8.5	6.5
37.5°	31.7	29.2	26.6	24.1	21.6	19.2	16.8	14.3	11.8	9.5	7.3
40°	34.0	31.4	28.7	26.0	23.4	20.7	18.0	15.2	12.6	9.9	7.5
42.5°	36.3	33.4	30.5	27.6	24.9	22.0	19.0	16.1	13.3	10.7	8.1
45°	38.2	35.2	32.1	29.1	26.2	23.1	20.1	17.1	14.1	11.2	8.3
47.5°	40.1	37.0	33.9	30.9	27.8	24.5	21.3	18.3	15.0	11.7	8.9
50°	41.9	38.7	35.6	32.1	28.7	25.6	22.3	19.0	15.6	12.3	9.2
52.5°	43.5	40.1	36.6	33.1	29.9	26.6	23.2	19.7	16.1	12.5	9.4
55°	44.9	41.4	37.9	34.6	31.1	27.7	24.0	20.3	16.4	12.7	9.7
57.5°	46.3	42.9	39.3	35.7	32.1	28.3	24.5	20.6	16.8	13.3	9.8
60°	47.7	43.9	40.3	36.8	33.0	29.1	25.1	20.9	17.1	13.6	10.1
62.5°	48.6	44.8	41.3	37.5	33.8	29.7	25.4	21.3	17.3	13.5	10.3
65°	49.6	45.7	41.9	38.1	34.5	30.2	25.8	21.6	17.3	13.4	10.1
67.5°	50.3	46.5	42.5	38.6	34.8	30.9	26.5	21.7	17.4	13.6	10.2
70°	51.2	47.3	43.4	39.3	35.0	31.1	26.6	21.9	17.4	13.3	9.7
72.5°	51.8	48.0	43.9	39.7	35.5	31.4	26.7	21.9	17.4	13.4	9.9
75°	52.1	48.4	44.1	40.4	35.5	31.7	27.3	22.1	17.4	13.2	9.2
77.5°	52.6	48.6	44.4	40.1	35.5	31.5	27.1	22.5	17.3	12.7	9.0
80°	52.9	48.7	44.5	40.2	35.8	31.4	27.1	22.6	17.6	12.7	8.5
82.5°	52.8	48.6	44.4	40.2	35.8	31.2	26.7	22.5	18.0	12.9	8.6
85°	52.8	48.6	44.3	39.9	35.2	30.8	26.6	22.0	17.8	13.2	8.2
87.5°	52.8	48.6	44.3	39.9	35.2	30.8	26.6	22.0	17.8	13.2	8.2
90°	52.7	48.5	44.3	39.4	35.1	30.9	26.0	21.1	16.9	12.7	7.7
92.5°	52.8	48.6	44.4	39.6	35.2	31.1	26.8	21.9	17.1	13.0	8.7
95°	52.8	48.6	44.3	39.9	35.2	30.8	26.6	22.0	17.8	13.2	8.2
97.5°	52.8	48.6	44.4	40.2	35.8	31.2	26.7	22.5	18.0	12.9	8.6
100°	52.9	48.7	44.5	40.2	35.8	31.4	27.1	22.6	17.6	12.7	8.5
102.5°	52.6	48.6	44.4	40.1	35.5	31.5	27.1	22.5	17.3	12.7	9.0
105°	52.1	48.4	44.1	40.4	35.5	31.7	27.3	22.1	17.4	13.2	9.2
107.5°	51.8	48.0	43.9	39.7	35.5	31.4	26.7	21.9	17.4	13.4	9.9
110°	51.2	47.3	43.4	39.3	35.0	31.1	26.6	21.9	17.4	13.3	9.7





TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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°	50.3	46.5	42.5	38.6	34.8	30.9	26.5	21.7	17.4	13.6	10.2
115°	49.6	45.7	41.9	38.1	34.5	30.2	25.8	21.6	17.3	13.4	10.1
117.5°	48.6	44.8	41.3	37.5	33.8	29.7	25.4	21.3	17.3	13.5	10.3
120°	47.7	43.9	40.3	36.8	33.0	29.1	25.1	20.9	17.1	13.6	10.1
122.5°	46.3	42.9	39.3	35.7	32.1	28.3	24.5	20.6	16.8	13.3	9.8
125°	44.9	41.4	37.9	34.6	31.1	27.7	24.0	20.3	16.4	12.7	9.7
127.5°	43.5	40.1	36.6	33.1	29.9	26.6	23.2	19.7	16.1	12.5	9.4
130°	41.9	38.7	35.6	32.1	28.7	25.6	22.3	19.0	15.6	12.3	9.2
132.5°	40.1	37.0	33.9	30.9	27.8	24.5	21.3	18.3	15.0	11.7	8.9
135°	38.2	35.2	32.1	29.1	26.2	23.1	20.1	17.1	14.1	11.2	8.3
137.5°	36.3	33.4	30.5	27.6	24.9	22.0	19.0	16.1	13.3	10.7	8.1
140°	34.0	31.4	28.7	26.0	23.4	20.7	18.0	15.2	12.6	9.9	7.5
142.5°	31.7	29.2	26.6	24.1	21.6	19.2	16.8	14.3	11.8	9.5	7.3
145°	29.3	27.0	24.7	22.3	19.8	17.4	15.2	12.9	10.6	8.5	6.5
147.5°	26.9	24.9	22.8	20.5	18.3	16.0	13.7	11.4	9.6	7.7	5.7
150°	24.5	22.4	20.6	18.7	16.9	14.7	12.5	10.6	8.7	6.9	5.2
152.5°	22.2	20.3	18.5	16.7	14.9	13.2	11.5	9.8	8.0	6.1	4.9
155°	19.5	17.9	16.3	14.7	13.1	11.5	9.8	8.1	6.5	5.4	4.3
157.5°	16.9	15.5	14.1	12.7	11.3	9.8	8.3	6.8	5.7	4.6	3.6
160°	14.4	13.3	12.1	10.8	9.6	8.3	7.1	6.0	4.9	3.9	2.9
162.5°	11.8	10.8	9.8	8.8	7.9	7.1	6.1	5.1	4.2	3.2	2.2
165°	9.3	8.4	7.7	6.9	6.1	5.4	4.7	3.9	3.2	2.4	1.9
167.5°	7.4	6.8	6.2	5.6	4.9	4.2	3.6	2.9	2.3	2.0	1.7
170°	5.3	4.8	4.4	3.9	3.4	2.8	2.6	2.4	2.2	1.9	1.7
172.5°	2.8	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3
175°	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0	0.9
177.5°	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.7	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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.3
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	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.7
10°	1.5	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
12.5°	1.5	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
15°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
17.5°	1.5	1.2	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
20°	1.8	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
22.5°	2.5	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
25°	3.2	2.1	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
27.5°	3.6	2.3	1.0	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.0
30°	3.9	2.6	1.3	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.3
32.5°	4.1	2.8	1.7	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.7
35°	4.5	3.2	2.1	0.9	0.5	0.2	0.0	0.2	0.5	0.9	2.1
37.5°	5.2	3.4	2.2	1.1	0.5	0.3	0.0	0.3	0.5	1.1	2.2
40°	5.5	3.4	2.2	1.3	0.6	0.3	0.0	0.3	0.6	1.3	2.2
42.5°	5.7	3.6	1.9	0.9	0.1	0.0	0.0	0.0	0.1	0.9	1.9
45°	5.7	3.8	2.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
47.5°	6.2	4.1	2.2	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.2
50°	6.6	4.3	2.4	1.1	0.3	0.0	0.0	0.0	0.3	1.1	2.4
52.5°	6.7	4.3	2.3	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.3
55°	6.7	4.1	2.1	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.1
57.5°	6.7	4.1	1.9	1.0	0.4	0.0	0.0	0.0	0.4	1.0	1.9
60°	6.9	4.4	2.2	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.2
62.5°	7.1	4.2	2.1	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.1
65°	7.0	4.3	2.1	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.1
67.5°	7.0	4.2	2.0	0.9	0.3	0.0	0.7	0.0	0.3	0.9	2.0
70°	7.0	4.3	2.2	0.7	0.1	0.0	0.7	0.0	0.1	0.7	2.2
72.5°	6.5	3.9	2.0	0.8	0.0	0.3	0.7	0.3	0.0	0.8	2.0
75°	6.2	3.6	1.9	0.6	0.0	0.1	0.7	0.1	0.0	0.6	1.9
77.5°	6.2	3.5	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.7
80°	5.5	2.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
82.5°	5.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	5.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.5	2.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
102.5°	6.2	3.5	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.7
105°	6.2	3.6	1.9	0.6	0.0	0.1	0.7	0.1	0.0	0.6	1.9
107.5°	6.5	3.9	2.0	0.8	0.0	0.3	0.7	0.3	0.0	0.8	2.0
110°	7.0	4.3	2.2	0.7	0.1	0.0	0.7	0.0	0.1	0.7	2.2



TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.0	4.2	2.0	0.9	0.3	0.0	0.7	0.0	0.3	0.9	2.0
115°	7.0	4.3	2.1	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.1
117.5°	7.1	4.2	2.1	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.1
120°	6.9	4.4	2.2	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.2
122.5°	6.7	4.1	1.9	1.0	0.4	0.0	0.0	0.0	0.4	1.0	1.9
125°	6.7	4.1	2.1	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.1
127.5°	6.7	4.3	2.3	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.3
130°	6.6	4.3	2.4	1.1	0.3	0.0	0.0	0.0	0.3	1.1	2.4
132.5°	6.2	4.1	2.2	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.2
135°	5.7	3.8	2.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
137.5°	5.7	3.6	1.9	0.9	0.1	0.0	0.0	0.0	0.1	0.9	1.9
140°	5.5	3.4	2.2	1.3	0.6	0.3	0.0	0.3	0.6	1.3	2.2
142.5°	5.2	3.4	2.2	1.1	0.5	0.3	0.0	0.3	0.5	1.1	2.2
145°	4.5	3.2	2.1	0.9	0.5	0.2	0.0	0.2	0.5	0.9	2.1
147.5°	4.1	2.8	1.7	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.7
150°	3.9	2.6	1.3	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.3
152.5°	3.6	2.3	1.0	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.0
155°	3.2	2.1	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
157.5°	2.5	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
160°	1.8	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
162.5°	1.5	1.2	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
165°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
167.5°	1.5	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
170°	1.5	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
172.5°	1.1	0.9	0.7	0.6	0.4	0.2	0.0	0.2	0.4	0.6	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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.1	0.2	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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.1
5°	0.6	0.7	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.8	1.9
7.5°	0.9	1.1	1.3	1.4	1.6	1.8	1.9	2.1	2.3	2.4	2.6
10°	1.2	1.5	1.7	1.9	2.2	2.4	2.6	2.8	3.4	3.9	4.4
12.5°	1.2	1.5	1.7	2.0	2.3	2.9	3.6	4.2	4.9	5.6	6.2
15°	1.4	1.7	1.9	2.4	3.2	3.9	4.7	5.4	6.1	6.9	7.7
17.5°	1.2	1.5	2.2	3.2	4.2	5.1	6.1	7.1	7.9	8.8	9.8
20°	1.3	1.8	2.9	3.9	4.9	6.0	7.1	8.3	9.6	10.8	12.1
22.5°	1.5	2.5	3.6	4.6	5.7	6.8	8.3	9.8	11.3	12.7	14.1
25°	2.1	3.2	4.3	5.4	6.5	8.1	9.8	11.5	13.1	14.7	16.3
27.5°	2.3	3.6	4.9	6.1	8.0	9.8	11.5	13.2	14.9	16.7	18.5
30°	2.6	3.9	5.2	6.9	8.7	10.6	12.5	14.7	16.9	18.7	20.6
32.5°	2.8	4.1	5.7	7.7	9.6	11.4	13.7	16.0	18.3	20.5	22.8
35°	3.2	4.5	6.5	8.5	10.6	12.9	15.2	17.4	19.8	22.3	24.7
37.5°	3.4	5.2	7.3	9.5	11.8	14.3	16.8	19.2	21.6	24.1	26.6
40°	3.4	5.5	7.5	9.9	12.6	15.2	18.0	20.7	23.4	26.0	28.7
42.5°	3.6	5.7	8.1	10.7	13.3	16.1	19.0	22.0	24.9	27.6	30.5
45°	3.8	5.7	8.3	11.2	14.1	17.1	20.1	23.1	26.2	29.1	32.1
47.5°	4.1	6.2	8.9	11.7	15.0	18.3	21.3	24.5	27.8	30.9	33.9
50°	4.3	6.6	9.2	12.3	15.6	19.0	22.3	25.6	28.7	32.1	35.6
52.5°	4.3	6.7	9.4	12.5	16.1	19.7	23.2	26.6	29.9	33.1	36.6
55°	4.1	6.7	9.7	12.7	16.4	20.3	24.0	27.7	31.1	34.6	37.9
57.5°	4.1	6.7	9.8	13.3	16.8	20.6	24.5	28.3	32.1	35.7	39.3
60°	4.4	6.9	10.1	13.6	17.1	20.9	25.1	29.1	33.0	36.8	40.3
62.5°	4.2	7.1	10.3	13.5	17.3	21.3	25.4	29.7	33.8	37.5	41.3
65°	4.3	7.0	10.1	13.4	17.3	21.6	25.8	30.2	34.5	38.1	41.9
67.5°	4.2	7.0	10.2	13.6	17.4	21.7	26.5	30.9	34.8	38.6	42.5
70°	4.3	7.0	9.7	13.3	17.4	21.9	26.6	31.1	35.0	39.3	43.4
72.5°	3.9	6.5	9.9	13.4	17.4	21.9	26.7	31.4	35.5	39.7	43.9
75°	3.6	6.2	9.2	13.2	17.4	22.1	27.3	31.7	35.5	40.4	44.1
77.5°	3.5	6.2	9.0	12.7	17.3	22.5	27.1	31.5	35.5	40.1	44.4
80°	2.9	5.5	8.5	12.7	17.6	22.6	27.1	31.4	35.8	40.2	44.5
82.5°	1.7	5.0	8.6	12.9	18.0	22.5	26.7	31.2	35.8	40.2	44.4
85°	1.1	4.3	8.2	13.2	17.8	22.0	26.6	30.8	35.2	39.9	44.3
87.5°	0.4	4.5	8.7	13.0	17.1	21.9	26.8	31.1	35.2	39.6	44.4
90°	0.0	4.2	7.7	12.7	16.9	21.1	26.0	30.9	35.1	39.4	44.3
92.5°	0.4	4.5	8.7	13.0	17.1	21.9	26.8	31.1	35.2	39.6	44.4
95°	1.1	4.3	8.2	13.2	17.8	22.0	26.6	30.8	35.2	39.9	44.3
97.5°	1.7	5.0	8.6	12.9	18.0	22.5	26.7	31.2	35.8	40.2	44.4
100°	2.9	5.5	8.5	12.7	17.6	22.6	27.1	31.4	35.8	40.2	44.5
102.5°	3.5	6.2	9.0	12.7	17.3	22.5	27.1	31.5	35.5	40.1	44.4
105°	3.6	6.2	9.2	13.2	17.4	22.1	27.3	31.7	35.5	40.4	44.1
107.5°	3.9	6.5	9.9	13.4	17.4	21.9	26.7	31.4	35.5	39.7	43.9
110°	4.3	7.0	9.7	13.3	17.4	21.9	26.6	31.1	35.0	39.3	43.4



TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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°	4.2	7.0	10.2	13.6	17.4	21.7	26.5	30.9	34.8	38.6	42.5
115°	4.3	7.0	10.1	13.4	17.3	21.6	25.8	30.2	34.5	38.1	41.9
117.5°	4.2	7.1	10.3	13.5	17.3	21.3	25.4	29.7	33.8	37.5	41.3
120°	4.4	6.9	10.1	13.6	17.1	20.9	25.1	29.1	33.0	36.8	40.3
122.5°	4.1	6.7	9.8	13.3	16.8	20.6	24.5	28.3	32.1	35.7	39.3
125°	4.1	6.7	9.7	12.7	16.4	20.3	24.0	27.7	31.1	34.6	37.9
127.5°	4.3	6.7	9.4	12.5	16.1	19.7	23.2	26.6	29.9	33.1	36.6
130°	4.3	6.6	9.2	12.3	15.6	19.0	22.3	25.6	28.7	32.1	35.6
132.5°	4.1	6.2	8.9	11.7	15.0	18.3	21.3	24.5	27.8	30.9	33.9
135°	3.8	5.7	8.3	11.2	14.1	17.1	20.1	23.1	26.2	29.1	32.1
137.5°	3.6	5.7	8.1	10.7	13.3	16.1	19.0	22.0	24.9	27.6	30.5
140°	3.4	5.5	7.5	9.9	12.6	15.2	18.0	20.7	23.4	26.0	28.7
142.5°	3.4	5.2	7.3	9.5	11.8	14.3	16.8	19.2	21.6	24.1	26.6
145°	3.2	4.5	6.5	8.5	10.6	12.9	15.2	17.4	19.8	22.3	24.7
147.5°	2.8	4.1	5.7	7.7	9.6	11.4	13.7	16.0	18.3	20.5	22.8
150°	2.6	3.9	5.2	6.9	8.7	10.6	12.5	14.7	16.9	18.7	20.6
152.5°	2.3	3.6	4.9	6.1	8.0	9.8	11.5	13.2	14.9	16.7	18.5
155°	2.1	3.2	4.3	5.4	6.5	8.1	9.8	11.5	13.1	14.7	16.3
157.5°	1.5	2.5	3.6	4.6	5.7	6.8	8.3	9.8	11.3	12.7	14.1
160°	1.3	1.8	2.9	3.9	4.9	6.0	7.1	8.3	9.6	10.8	12.1
162.5°	1.2	1.5	2.2	3.2	4.2	5.1	6.1	7.1	7.9	8.8	9.8
165°	1.4	1.7	1.9	2.4	3.2	3.9	4.7	5.4	6.1	6.9	7.7
167.5°	1.2	1.5	1.7	2.0	2.3	2.9	3.6	4.2	4.9	5.6	6.2
170°	1.2	1.5	1.7	1.9	2.2	2.4	2.6	2.8	3.4	3.9	4.4
172.5°	0.9	1.1	1.3	1.4	1.6	1.8	1.9	2.1	2.3	2.4	2.6
175°	0.6	0.7	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.8	1.9
177.5°	0.4	0.5	0.5	0.6	0.7	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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6
5°	2.0	2.1	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.1	3.2
7.5°	2.7	2.8	3.2	3.6	3.9	4.3	4.6	4.9	5.3	5.6	5.8
10°	4.8	5.3	5.7	6.2	6.6	6.9	7.3	7.6	8.0	8.4	8.7
12.5°	6.8	7.4	8.0	8.6	9.2	9.8	10.3	10.9	11.5	12.0	12.5
15°	8.4	9.3	10.2	11.1	12.0	12.9	13.7	14.6	15.4	16.1	16.8
17.5°	10.8	11.8	12.8	13.9	14.9	15.8	16.8	17.8	18.9	19.9	20.8
20°	13.3	14.4	15.6	16.7	17.9	19.1	20.3	21.4	22.6	23.6	24.6
22.5°	15.5	16.9	18.4	19.8	21.2	22.4	23.7	25.0	26.3	27.6	28.7
25°	17.9	19.5	21.0	22.6	24.3	25.9	27.3	28.7	30.0	31.4	32.6
27.5°	20.3	22.2	23.8	25.5	27.2	29.0	30.7	32.3	33.9	35.4	36.6
30°	22.4	24.5	26.5	28.5	30.3	32.2	34.0	35.8	37.6	39.2	40.8
32.5°	24.9	26.9	29.0	31.2	33.2	35.3	37.4	39.4	41.2	43.0	44.7
35°	27.0	29.3	31.7	33.9	36.1	38.2	40.5	42.7	44.6	46.5	48.2
37.5°	29.2	31.7	34.3	36.8	39.1	41.2	43.4	45.6	47.6	49.7	51.7
40°	31.4	34.0	36.6	39.3	41.8	44.0	46.3	48.8	50.8	52.9	54.9
42.5°	33.4	36.3	38.9	41.7	44.4	46.9	49.1	51.6	54.0	56.3	58.3
45°	35.2	38.2	41.2	44.0	46.7	49.4	51.9	54.4	56.9	59.2	61.5
47.5°	37.0	40.1	43.1	46.3	49.1	51.7	54.3	57.0	59.6	62.1	64.4
50°	38.7	41.9	44.9	48.0	51.0	53.9	56.5	59.3	62.1	64.6	67.0
52.5°	40.1	43.5	46.7	49.9	52.8	55.7	58.7	61.5	64.2	66.9	69.6
55°	41.4	44.9	48.3	51.6	54.8	57.5	60.6	63.7	66.6	69.0	71.9
57.5°	42.9	46.3	49.6	52.9	56.7	59.5	62.6	65.8	68.8	71.3	74.1
60°	43.9	47.7	51.0	54.3	57.8	61.1	64.7	67.8	70.7	73.3	76.0
62.5°	44.8	48.6	52.2	55.6	59.2	62.4	66.0	69.2	72.2	75.1	77.9
65°	45.7	49.6	53.3	56.7	60.5	63.9	67.3	70.7	73.7	76.7	79.6
67.5°	46.5	50.3	54.1	57.9	61.6	65.2	68.7	71.9	75.4	78.4	81.3
70°	47.3	51.2	55.1	58.9	62.7	66.4	70.0	73.0	76.4	79.4	82.5
72.5°	48.0	51.8	56.0	59.6	63.5	67.3	70.9	74.0	77.3	80.5	83.6
75°	48.4	52.1	56.3	60.1	64.1	68.0	71.6	74.9	78.2	81.4	84.6
77.5°	48.6	52.6	56.5	60.5	64.5	68.3	72.3	75.8	79.1	82.1	85.4
80°	48.7	52.9	56.9	60.8	64.9	68.5	72.3	76.2	79.5	82.5	85.9
82.5°	48.6	52.8	56.9	61.1	65.3	68.8	72.4	76.5	79.9	82.8	86.2
85°	48.6	52.8	57.0	61.2	65.4	69.0	72.5	76.7	80.1	83.0	86.4
87.5°	48.6	52.8	57.0	61.2	65.4	69.0	72.5	76.7	80.1	83.0	86.4
90°	48.5	52.7	56.9	61.1	65.4	68.9	73.1	76.6	80.1	83.6	86.4
92.5°	48.6	52.8	57.0	61.2	65.5	69.0	72.7	76.6	80.1	83.2	86.4
95°	48.6	52.8	57.0	61.2	65.4	69.0	72.5	76.7	80.1	83.0	86.4
97.5°	48.6	52.8	56.9	61.1	65.3	68.8	72.4	76.5	79.9	82.8	86.2
100°	48.7	52.9	56.9	60.8	64.9	68.5	72.3	76.2	79.5	82.5	85.9
102.5°	48.6	52.6	56.5	60.5	64.5	68.3	72.3	75.8	79.1	82.1	85.4
105°	48.4	52.1	56.3	60.1	64.1	68.0	71.6	74.9	78.2	81.4	84.6
107.5°	48.0	51.8	56.0	59.6	63.5	67.3	70.9	74.0	77.3	80.5	83.6
110°	47.3	51.2	55.1	58.9	62.7	66.4	70.0	73.0	76.4	79.4	82.5



TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	46.5	50.3	54.1	57.9	61.6	65.2	68.7	71.9	75.4	78.4	81.3
115°	45.7	49.6	53.3	56.7	60.5	63.9	67.3	70.7	73.7	76.7	79.6
117.5°	44.8	48.6	52.2	55.6	59.2	62.4	66.0	69.2	72.2	75.1	77.9
120°	43.9	47.7	51.0	54.3	57.8	61.1	64.7	67.8	70.7	73.3	76.0
122.5°	42.9	46.3	49.6	52.9	56.7	59.5	62.6	65.8	68.8	71.3	74.1
125°	41.4	44.9	48.3	51.6	54.8	57.5	60.6	63.7	66.6	69.0	71.9
127.5°	40.1	43.5	46.7	49.9	52.8	55.7	58.7	61.5	64.2	66.9	69.6
130°	38.7	41.9	44.9	48.0	51.0	53.9	56.5	59.3	62.1	64.6	67.0
132.5°	37.0	40.1	43.1	46.3	49.1	51.7	54.3	57.0	59.6	62.1	64.4
135°	35.2	38.2	41.2	44.0	46.7	49.4	51.9	54.4	56.9	59.2	61.5
137.5°	33.4	36.3	38.9	41.7	44.4	46.9	49.1	51.6	54.0	56.3	58.3
140°	31.4	34.0	36.6	39.3	41.8	44.0	46.3	48.8	50.8	52.9	54.9
142.5°	29.2	31.7	34.3	36.8	39.1	41.2	43.4	45.6	47.6	49.7	51.7
145°	27.0	29.3	31.7	33.9	36.1	38.2	40.5	42.7	44.6	46.5	48.2
147.5°	24.9	26.9	29.0	31.2	33.2	35.3	37.4	39.4	41.2	43.0	44.7
150°	22.4	24.5	26.5	28.5	30.3	32.2	34.0	35.8	37.6	39.2	40.8
152.5°	20.3	22.2	23.8	25.5	27.2	29.0	30.7	32.3	33.9	35.4	36.6
155°	17.9	19.5	21.0	22.6	24.3	25.9	27.3	28.7	30.0	31.4	32.6
157.5°	15.5	16.9	18.4	19.8	21.2	22.4	23.7	25.0	26.3	27.6	28.7
160°	13.3	14.4	15.6	16.7	17.9	19.1	20.3	21.4	22.6	23.6	24.6
162.5°	10.8	11.8	12.8	13.9	14.9	15.8	16.8	17.8	18.9	19.9	20.8
165°	8.4	9.3	10.2	11.1	12.0	12.9	13.7	14.6	15.4	16.1	16.8
167.5°	6.8	7.4	8.0	8.6	9.2	9.8	10.3	10.9	11.5	12.0	12.5
170°	4.8	5.3	5.7	6.2	6.6	6.9	7.3	7.6	8.0	8.4	8.7
172.5°	2.7	2.8	3.2	3.6	3.9	4.3	4.6	4.9	5.3	5.6	5.8
175°	2.0	2.1	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.1	3.2
177.5°	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9
5°	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.9
7.5°	6.1	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.7	8.2
10°	9.1	9.4	9.7	10.0	10.4	10.7	11.0	11.4	11.6	11.9	12.6
12.5°	13.0	13.5	14.0	14.4	14.8	15.2	15.6	16.0	16.3	16.5	17.4
15°	17.4	18.0	18.5	19.1	19.5	20.0	20.3	20.6	20.9	21.1	22.2
17.5°	21.6	22.3	23.0	23.6	24.2	24.7	25.1	25.6	26.0	26.4	27.6
20°	25.5	26.5	27.4	28.3	28.9	29.4	29.9	30.5	31.1	31.6	33.0
22.5°	29.6	30.6	31.7	32.7	33.6	34.2	34.7	35.3	36.0	36.6	38.3
25°	33.8	34.9	36.1	37.2	38.2	39.0	39.5	40.2	40.9	41.5	43.5
27.5°	37.8	39.2	40.5	41.6	42.6	43.5	44.2	44.9	45.7	46.4	48.6
30°	42.1	43.5	44.9	46.2	47.0	47.8	48.8	49.7	50.6	51.3	53.7
32.5°	46.2	47.6	48.9	50.2	51.3	52.2	53.2	54.2	55.1	55.9	58.3
35°	49.8	51.3	52.7	54.1	55.3	56.5	57.6	58.6	59.6	60.4	62.8
37.5°	53.4	55.0	56.5	58.0	59.3	60.5	61.7	62.8	63.8	64.7	67.4
40°	56.8	58.7	60.4	61.9	63.3	64.6	65.8	66.9	68.0	68.9	72.0
42.5°	60.1	62.1	63.9	65.6	67.0	68.3	69.6	70.7	71.8	72.8	76.0
45°	63.2	65.1	67.1	69.0	70.6	72.0	73.3	74.5	75.6	76.6	80.0
47.5°	66.3	68.1	70.2	72.3	74.0	75.4	76.7	77.9	79.0	80.1	83.7
50°	69.2	71.2	73.3	75.4	77.3	78.7	80.0	81.3	82.5	83.6	87.4
52.5°	71.9	74.0	76.1	78.2	80.1	81.7	82.9	84.1	85.3	86.8	90.7
55°	74.2	76.4	78.6	80.7	82.7	84.6	85.8	86.8	88.2	90.0	94.0
57.5°	76.6	78.8	81.1	83.2	85.3	87.1	88.5	89.6	91.0	92.8	96.9
60°	78.7	80.9	83.7	85.7	87.9	89.7	91.0	92.4	93.8	95.6	99.8
62.5°	80.7	82.9	85.6	87.9	90.0	91.9	93.3	94.5	96.2	98.1	102.1
65°	82.5	84.8	87.5	89.8	91.9	94.0	95.6	96.6	98.6	100.5	104.3
67.5°	84.1	86.5	89.1	91.5	93.6	95.6	97.2	98.6	100.3	102.3	106.4
70°	85.5	88.1	90.6	93.1	95.2	97.2	98.7	100.6	102.0	104.0	108.6
72.5°	86.7	89.4	91.8	94.3	96.6	98.5	100.0	102.0	103.4	105.4	110.4
75°	87.5	90.4	93.0	95.3	97.9	99.9	101.3	103.4	104.8	106.8	112.4
77.5°	88.2	91.0	93.7	96.1	98.6	100.6	102.3	104.1	105.5	107.9	112.7
80°	88.8	91.6	94.4	97.1	99.2	101.3	103.3	104.7	106.1	108.9	113.1
82.5°	89.1	92.1	94.7	97.4	99.5	101.9	103.7	105.4	106.8	109.3	113.8
85°	89.4	92.8	94.9	97.7	99.8	102.6	104.0	106.1	107.5	109.6	114.6
87.5°	89.3	92.8	95.3	98.0	100.2	102.6	104.4	106.1	107.5	110.0	114.6
90°	89.3	92.8	95.6	98.4	100.5	102.6	104.7	106.1	107.5	110.3	114.6
92.5°	89.3	92.8	95.3	98.0	100.2	102.6	104.4	106.1	107.5	110.0	114.6
95°	89.4	92.8	94.9	97.7	99.8	102.6	104.0	106.1	107.5	109.6	114.6
97.5°	89.1	92.1	94.7	97.4	99.5	101.9	103.7	105.4	106.8	109.3	113.8
100°	88.8	91.6	94.4	97.1	99.2	101.3	103.3	104.7	106.1	108.9	113.1
102.5°	88.2	91.0	93.7	96.1	98.6	100.6	102.3	104.1	105.5	107.9	112.7
105°	87.5	90.4	93.0	95.3	97.9	99.9	101.3	103.4	104.8	106.8	112.4
107.5°	86.7	89.4	91.8	94.3	96.6	98.5	100.0	102.0	103.4	105.4	110.4
110°	85.5	88.1	90.6	93.1	95.2	97.2	98.7	100.6	102.0	104.0	108.6





TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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°	84.1	86.5	89.1	91.5	93.6	95.6	97.2	98.6	100.3	102.3	106.4
115°	82.5	84.8	87.5	89.8	91.9	94.0	95.6	96.6	98.6	100.5	104.3
117.5°	80.7	82.9	85.6	87.9	90.0	91.9	93.3	94.5	96.2	98.1	102.1
120°	78.7	80.9	83.7	85.7	87.9	89.7	91.0	92.4	93.8	95.6	99.8
122.5°	76.6	78.8	81.1	83.2	85.3	87.1	88.5	89.6	91.0	92.8	96.9
125°	74.2	76.4	78.6	80.7	82.7	84.6	85.8	86.8	88.2	90.0	94.0
127.5°	71.9	74.0	76.1	78.2	80.1	81.7	82.9	84.1	85.3	86.8	90.7
130°	69.2	71.2	73.3	75.4	77.3	78.7	80.0	81.3	82.5	83.6	87.4
132.5°	66.3	68.1	70.2	72.3	74.0	75.4	76.7	77.9	79.0	80.1	83.7
135°	63.2	65.1	67.1	69.0	70.6	72.0	73.3	74.5	75.6	76.6	80.0
137.5°	60.1	62.1	63.9	65.6	67.0	68.3	69.6	70.7	71.8	72.8	76.0
140°	56.8	58.7	60.4	61.9	63.3	64.6	65.8	66.9	68.0	68.9	72.0
142.5°	53.4	55.0	56.5	58.0	59.3	60.5	61.7	62.8	63.8	64.7	67.4
145°	49.8	51.3	52.7	54.1	55.3	56.5	57.6	58.6	59.6	60.4	62.8
147.5°	46.2	47.6	48.9	50.2	51.3	52.2	53.2	54.2	55.1	55.9	58.3
150°	42.1	43.5	44.9	46.2	47.0	47.8	48.8	49.7	50.6	51.3	53.7
152.5°	37.8	39.2	40.5	41.6	42.6	43.5	44.2	44.9	45.7	46.4	48.6
155°	33.8	34.9	36.1	37.2	38.2	39.0	39.5	40.2	40.9	41.5	43.5
157.5°	29.6	30.6	31.7	32.7	33.6	34.2	34.7	35.3	36.0	36.6	38.3
160°	25.5	26.5	27.4	28.3	28.9	29.4	29.9	30.5	31.1	31.6	33.0
162.5°	21.6	22.3	23.0	23.6	24.2	24.7	25.1	25.6	26.0	26.4	27.6
165°	17.4	18.0	18.5	19.1	19.5	20.0	20.3	20.6	20.9	21.1	22.2
167.5°	13.0	13.5	14.0	14.4	14.8	15.2	15.6	16.0	16.3	16.5	17.4
170°	9.1	9.4	9.7	10.0	10.4	10.7	11.0	11.4	11.6	11.9	12.6
172.5°	6.1	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.7	8.2
175°	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.9
177.5°	1.6	1.6	1.7	1.7	1.7	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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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	2.5	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.6
5°	4.2	4.6	4.9	5.2	5.6	5.9	6.2	6.4	6.7	7.0	7.2
7.5°	8.8	9.3	9.7	10.2	10.6	10.9	11.4	12.4	13.3	14.2	15.1
10°	13.3	14.0	14.6	15.2	15.9	17.2	18.5	19.8	21.0	22.1	23.3
12.5°	18.3	19.1	19.8	20.9	22.7	24.3	25.9	27.5	29.3	31.4	33.4
15°	23.2	24.1	25.2	27.5	29.6	31.7	33.8	36.5	39.1	41.5	44.3
17.5°	28.7	29.8	31.8	34.3	36.7	39.3	42.6	45.8	48.8	52.2	55.8
20°	34.3	35.7	38.3	40.9	43.6	47.7	51.7	55.5	59.4	63.4	67.3
22.5°	39.9	42.0	45.0	48.0	52.1	56.7	61.1	65.5	69.8	74.0	79.2
25°	45.5	48.4	51.9	55.7	60.7	65.7	70.8	75.8	80.8	86.2	91.6
27.5°	50.7	54.4	58.3	63.1	68.5	74.1	80.1	86.0	91.9	97.5	103.7
30°	56.0	60.4	64.7	70.1	75.9	82.4	89.1	96.0	102.7	109.2	115.8
32.5°	61.0	65.6	70.7	76.7	83.3	90.8	98.4	106.2	113.5	120.2	127.2
35°	65.9	70.8	76.7	83.4	91.1	99.6	107.5	115.7	123.3	130.9	138.7
37.5°	71.0	76.3	83.0	90.2	98.8	107.4	116.2	124.9	133.9	142.1	150.5
40°	76.2	81.8	89.3	97.3	106.1	115.2	124.4	133.6	143.0	152.5	161.4
42.5°	80.6	86.4	94.6	103.5	112.9	122.8	132.6	142.4	152.3	162.1	171.6
45°	84.9	91.1	99.7	109.3	119.6	130.5	140.6	151.0	161.7	171.8	181.8
47.5°	89.1	96.0	104.8	115.1	126.2	137.6	148.1	159.7	171.0	182.0	191.6
50°	93.3	100.9	109.8	120.8	132.4	143.8	154.7	167.2	178.7	189.8	200.7
52.5°	96.8	104.9	114.7	125.8	138.3	149.7	161.5	174.3	186.1	197.7	209.0
55°	100.1	108.8	119.3	130.7	144.0	155.6	168.2	181.2	193.6	205.6	217.4
57.5°	103.4	112.6	123.5	135.5	149.1	161.3	174.5	187.9	200.9	213.4	226.0
60°	106.5	116.2	127.6	140.2	153.8	167.1	180.1	194.0	207.1	220.1	232.7
62.5°	109.3	119.5	131.2	144.2	158.1	171.9	185.3	199.7	212.9	226.3	239.2
65°	112.1	122.8	134.5	147.9	162.0	176.0	190.2	204.8	217.9	231.8	245.0
67.5°	114.2	125.2	137.5	151.1	165.3	179.7	194.6	209.2	222.8	236.9	250.0
70°	116.3	127.6	140.4	154.0	168.2	183.3	198.5	213.2	227.6	241.4	254.4
72.5°	118.0	129.6	142.2	156.6	171.2	186.6	201.7	216.9	231.7	245.4	258.5
75°	119.6	131.4	143.7	159.2	174.2	189.6	204.2	220.1	234.7	248.5	262.2
77.5°	120.8	132.6	145.2	160.9	175.9	191.9	206.7	222.7	237.0	251.2	265.4
80°	122.3	133.6	146.7	162.4	177.1	194.0	209.2	224.6	238.7	253.4	267.5
82.5°	123.0	134.5	148.6	163.4	178.6	195.3	210.2	226.2	240.5	255.4	269.4
85°	123.7	134.9	149.7	164.5	180.5	196.8	210.8	228.3	242.4	257.1	271.1
87.5°	123.4	135.2	149.0	164.5	180.3	197.1	211.1	227.8	242.9	257.9	271.4
90°	123.0	135.6	148.3	164.5	179.9	197.5	211.5	227.0	242.5	257.9	270.6
92.5°	123.4	135.2	149.0	164.5	180.3	197.1	211.1	227.8	242.9	257.9	271.4
95°	123.7	134.9	149.7	164.5	180.5	196.8	210.8	228.3	242.4	257.1	271.1
97.5°	123.0	134.5	148.6	163.4	178.6	195.3	210.2	226.2	240.5	255.4	269.4
100°	122.3	133.6	146.7	162.4	177.1	194.0	209.2	224.6	238.7	253.4	267.5
102.5°	120.8	132.6	145.2	160.9	175.9	191.9	206.7	222.7	237.0	251.2	265.4
105°	119.6	131.4	143.7	159.2	174.2	189.6	204.2	220.1	234.7	248.5	262.2
107.5°	118.0	129.6	142.2	156.6	171.2	186.6	201.7	216.9	231.7	245.4	258.5
110°	116.3	127.6	140.4	154.0	168.2	183.3	198.5	213.2	227.6	241.4	254.4



TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	114.2	125.2	137.5	151.1	165.3	179.7	194.6	209.2	222.8	236.9	250.0
115°	112.1	122.8	134.5	147.9	162.0	176.0	190.2	204.8	217.9	231.8	245.0
117.5°	109.3	119.5	131.2	144.2	158.1	171.9	185.3	199.7	212.9	226.3	239.2
120°	106.5	116.2	127.6	140.2	153.8	167.1	180.1	194.0	207.1	220.1	232.7
122.5°	103.4	112.6	123.5	135.5	149.1	161.3	174.5	187.9	200.9	213.4	226.0
125°	100.1	108.8	119.3	130.7	144.0	155.6	168.2	181.2	193.6	205.6	217.4
127.5°	96.8	104.9	114.7	125.8	138.3	149.7	161.5	174.3	186.1	197.7	209.0
130°	93.3	100.9	109.8	120.8	132.4	143.8	154.7	167.2	178.7	189.8	200.7
132.5°	89.1	96.0	104.8	115.1	126.2	137.6	148.1	159.7	171.0	182.0	191.6
135°	84.9	91.1	99.7	109.3	119.6	130.5	140.6	151.0	161.7	171.8	181.8
137.5°	80.6	86.4	94.6	103.5	112.9	122.8	132.6	142.4	152.3	162.1	171.6
140°	76.2	81.8	89.3	97.3	106.1	115.2	124.4	133.6	143.0	152.5	161.4
142.5°	71.0	76.3	83.0	90.2	98.8	107.4	116.2	124.9	133.9	142.1	150.5
145°	65.9	70.8	76.7	83.4	91.1	99.6	107.5	115.7	123.3	130.9	138.7
147.5°	61.0	65.6	70.7	76.7	83.3	90.8	98.4	106.2	113.5	120.2	127.2
150°	56.0	60.4	64.7	70.1	75.9	82.4	89.1	96.0	102.7	109.2	115.8
152.5°	50.7	54.4	58.3	63.1	68.5	74.1	80.1	86.0	91.9	97.5	103.7
155°	45.5	48.4	51.9	55.7	60.7	65.7	70.8	75.8	80.8	86.2	91.6
157.5°	39.9	42.0	45.0	48.0	52.1	56.7	61.1	65.5	69.8	74.0	79.2
160°	34.3	35.7	38.3	40.9	43.6	47.7	51.7	55.5	59.4	63.4	67.3
162.5°	28.7	29.8	31.8	34.3	36.7	39.3	42.6	45.8	48.8	52.2	55.8
165°	23.2	24.1	25.2	27.5	29.6	31.7	33.8	36.5	39.1	41.5	44.3
167.5°	18.3	19.1	19.8	20.9	22.7	24.3	25.9	27.5	29.3	31.4	33.4
170°	13.3	14.0	14.6	15.2	15.9	17.2	18.5	19.8	21.0	22.1	23.3
172.5°	8.8	9.3	9.7	10.2	10.6	10.9	11.4	12.4	13.3	14.2	15.1
175°	4.2	4.6	4.9	5.2	5.6	5.9	6.2	6.4	6.7	7.0	7.2
177.5°	2.1	2.3	2.5	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.6
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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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	4.2	4.3	4.3	4.4	4.4	4.5
5°	7.9	8.5	9.1	9.6	10.1	10.6	11.0	11.4	11.8	12.1	12.4
7.5°	15.9	16.6	17.4	18.0	18.7	19.6	20.2	21.2	22.0	22.7	23.4
10°	24.8	26.3	27.7	29.1	30.3	31.5	32.5	33.6	34.8	35.8	36.8
12.5°	35.4	37.3	39.1	41.0	42.9	44.7	46.4	48.0	49.5	51.0	52.4
15°	46.7	49.4	51.9	54.2	56.4	58.7	61.0	63.1	65.2	67.1	68.7
17.5°	59.2	62.9	65.4	68.3	71.1	73.8	76.5	78.9	81.0	82.8	84.6
20°	71.3	75.2	78.7	82.0	85.5	88.9	91.9	94.7	97.4	99.8	102.0
22.5°	84.0	88.5	92.6	96.6	100.6	104.3	107.9	111.2	114.3	117.2	119.8
25°	96.8	101.7	106.7	110.8	115.4	119.7	123.7	127.5	131.2	134.5	137.1
27.5°	109.6	115.1	120.4	125.5	130.2	134.6	139.6	143.4	147.3	150.8	153.7
30°	122.2	128.4	134.2	139.7	144.9	149.9	154.8	159.5	163.3	166.8	170.4
32.5°	134.2	140.9	147.5	153.6	159.4	164.9	169.9	174.6	178.8	182.8	186.6
35°	146.2	153.7	160.8	167.6	173.8	179.4	184.8	189.9	194.8	199.0	202.5
37.5°	158.4	166.2	174.1	181.3	187.7	193.8	199.5	204.9	209.6	214.4	217.6
40°	169.9	178.6	186.6	193.7	200.7	207.4	213.3	218.6	223.8	228.6	232.7
42.5°	181.0	190.0	198.0	205.6	213.0	219.9	226.2	232.5	239.0	243.0	247.5
45°	191.6	200.4	209.1	217.6	225.1	232.3	239.3	245.8	251.2	256.3	260.4
47.5°	201.5	210.7	220.4	229.1	236.5	244.2	251.5	257.4	263.5	269.0	273.7
50°	211.0	220.8	230.4	239.1	247.5	255.5	262.7	269.4	276.6	281.5	286.4
52.5°	220.0	230.4	239.9	249.1	258.6	266.2	273.7	281.0	287.0	292.8	298.3
55°	228.9	239.7	249.8	258.7	267.8	276.4	283.8	290.9	297.6	303.9	309.2
57.5°	237.0	247.7	257.8	267.7	276.8	285.2	293.2	300.8	307.6	313.8	319.3
60°	244.4	255.1	265.7	275.7	285.0	293.8	302.2	309.9	316.8	323.2	328.6
62.5°	251.0	261.9	273.0	283.2	292.9	302.0	310.6	318.4	325.2	331.4	337.7
65°	256.8	268.4	279.4	289.8	300.1	309.6	318.2	325.9	332.8	339.2	345.9
67.5°	262.1	273.8	285.1	296.2	306.6	316.0	324.7	332.4	339.8	346.8	353.2
70°	266.9	278.9	290.7	302.2	312.1	321.7	330.4	338.3	346.0	353.4	360.3
72.5°	271.4	283.9	295.9	307.5	317.1	327.3	335.9	344.2	351.8	359.1	365.9
75°	275.3	287.9	300.1	311.6	321.7	331.5	340.4	349.3	356.9	364.0	371.0
77.5°	278.6	291.0	302.8	314.5	325.0	334.7	344.1	353.1	361.2	368.7	375.1
80°	280.4	293.1	305.5	317.1	327.5	337.5	346.6	355.7	364.3	371.8	378.4
82.5°	281.9	294.9	308.0	318.8	329.7	340.1	348.7	357.6	366.1	374.1	381.0
85°	283.6	296.4	309.5	320.2	330.8	341.0	350.2	359.2	367.4	375.5	382.6
87.5°	284.3	297.3	310.3	321.2	331.5	341.8	351.4	360.5	368.3	376.1	383.0
90°	283.9	297.3	309.9	321.2	331.0	342.3	351.4	360.5	368.3	376.7	383.0
92.5°	284.3	297.3	310.3	321.2	331.5	341.8	351.4	360.5	368.3	376.1	383.0
95°	283.6	296.4	309.5	320.2	330.8	341.0	350.2	359.2	367.4	375.5	382.6
97.5°	281.9	294.9	308.0	318.8	329.7	340.1	348.7	357.6	366.1	374.1	381.0
100°	280.4	293.1	305.5	317.1	327.5	337.5	346.6	355.7	364.3	371.8	378.4
102.5°	278.6	291.0	302.8	314.5	325.0	334.7	344.1	353.1	361.2	368.7	375.1
105°	275.3	287.9	300.1	311.6	321.7	331.5	340.4	349.3	356.9	364.0	371.0
107.5°	271.4	283.9	295.9	307.5	317.1	327.3	335.9	344.2	351.8	359.1	365.9
110°	266.9	278.9	290.7	302.2	312.1	321.7	330.4	338.3	346.0	353.4	360.3



TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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°	262.1	273.8	285.1	296.2	306.6	316.0	324.7	332.4	339.8	346.8	353.2
115°	256.8	268.4	279.4	289.8	300.1	309.6	318.2	325.9	332.8	339.2	345.9
117.5°	251.0	261.9	273.0	283.2	292.9	302.0	310.6	318.4	325.2	331.4	337.7
120°	244.4	255.1	265.7	275.7	285.0	293.8	302.2	309.9	316.8	323.2	328.6
122.5°	237.0	247.7	257.8	267.7	276.8	285.2	293.2	300.8	307.6	313.8	319.3
125°	228.9	239.7	249.8	258.7	267.8	276.4	283.8	290.9	297.6	303.9	309.2
127.5°	220.0	230.4	239.9	249.1	258.6	266.2	273.7	281.0	287.0	292.8	298.3
130°	211.0	220.8	230.4	239.1	247.5	255.5	262.7	269.4	276.6	281.5	286.4
132.5°	201.5	210.7	220.4	229.1	236.5	244.2	251.5	257.4	263.5	269.0	273.7
135°	191.6	200.4	209.1	217.6	225.1	232.3	239.3	245.8	251.2	256.3	260.4
137.5°	181.0	190.0	198.0	205.6	213.0	219.9	226.2	232.5	239.0	243.0	247.5
140°	169.9	178.6	186.6	193.7	200.7	207.4	213.3	218.6	223.8	228.6	232.7
142.5°	158.4	166.2	174.1	181.3	187.7	193.8	199.5	204.9	209.6	214.4	217.6
145°	146.2	153.7	160.8	167.6	173.8	179.4	184.8	189.9	194.8	199.0	202.5
147.5°	134.2	140.9	147.5	153.6	159.4	164.9	169.9	174.6	178.8	182.8	186.6
150°	122.2	128.4	134.2	139.7	144.9	149.9	154.8	159.5	163.3	166.8	170.4
152.5°	109.6	115.1	120.4	125.5	130.2	134.6	139.6	143.4	147.3	150.8	153.7
155°	96.8	101.7	106.7	110.8	115.4	119.7	123.7	127.5	131.2	134.5	137.1
157.5°	84.0	88.5	92.6	96.6	100.6	104.3	107.9	111.2	114.3	117.2	119.8
160°	71.3	75.2	78.7	82.0	85.5	88.9	91.9	94.7	97.4	99.8	102.0
162.5°	59.2	62.9	65.4	68.3	71.1	73.8	76.5	78.9	81.0	82.8	84.6
165°	46.7	49.4	51.9	54.2	56.4	58.7	61.0	63.1	65.2	67.1	68.7
167.5°	35.4	37.3	39.1	41.0	42.9	44.7	46.4	48.0	49.5	51.0	52.4
170°	24.8	26.3	27.7	29.1	30.3	31.5	32.5	33.6	34.8	35.8	36.8
172.5°	15.9	16.6	17.4	18.0	18.7	19.6	20.2	21.2	22.0	22.7	23.4
175°	7.9	8.5	9.1	9.6	10.1	10.6	11.0	11.4	11.8	12.1	12.4
177.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.3	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: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-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	4.5	4.6	4.5	4.5	4.7	4.6	4.5	4.4	4.4
5°	12.7	12.9	13.1	13.2	13.3	13.3	13.4	13.3	13.6	13.3	13.1
7.5°	24.0	24.6	25.0	25.5	25.8	26.1	26.3	26.4	26.5	26.8	26.6
10°	37.6	38.7	39.7	40.5	41.2	41.7	42.2	42.5	42.7	43.3	42.9
12.5°	53.6	54.6	55.4	56.2	57.0	57.7	58.3	58.7	58.9	59.0	59.2
15°	70.1	71.4	72.5	73.5	74.4	75.2	76.0	76.5	76.8	76.9	77.2
17.5°	86.5	88.3	89.8	91.0	92.0	92.7	93.4	94.4	95.2	95.8	96.7
20°	104.0	105.9	107.5	108.9	110.1	110.9	111.4	112.1	112.8	113.1	113.7
22.5°	122.1	124.1	125.7	127.2	128.4	129.3	130.0	130.3	131.0	131.4	132.1
25°	139.5	141.6	143.4	144.9	146.3	147.5	148.3	148.9	149.4	150.2	150.6
27.5°	156.3	158.7	160.8	162.5	163.6	165.1	166.1	166.8	167.1	167.6	167.7
30°	172.8	175.0	177.3	179.2	180.9	182.2	183.3	184.1	184.4	184.8	185.4
32.5°	189.5	192.0	194.3	196.6	198.2	199.2	200.0	200.7	201.0	201.0	201.7
35°	205.6	208.5	211.0	213.3	214.8	215.8	216.5	217.1	217.2	216.8	217.2
37.5°	220.9	223.9	226.4	228.5	230.2	231.7	232.5	232.8	232.9	232.5	232.6
40°	236.2	238.9	241.3	243.8	245.9	247.2	247.6	247.7	248.0	248.1	248.4
42.5°	250.8	253.4	256.1	258.4	260.2	261.2	261.9	262.3	262.4	262.2	261.6
45°	263.9	267.3	270.4	272.6	274.3	275.8	275.9	276.4	276.4	276.0	275.0
47.5°	277.9	281.0	283.5	286.0	287.9	289.1	289.7	289.8	289.4	288.9	288.0
50°	290.7	294.2	297.0	299.7	301.0	302.0	302.5	302.4	302.3	302.0	302.0
52.5°	302.7	306.4	309.1	311.4	313.3	314.6	315.4	315.0	314.8	314.5	314.3
55°	314.0	317.5	320.5	323.4	325.3	326.7	327.0	327.0	326.6	325.4	325.4
57.5°	323.9	328.4	332.2	334.7	337.0	338.2	338.6	338.5	337.9	337.1	336.6
60°	333.9	338.8	342.2	345.2	347.6	348.9	349.3	349.2	348.3	347.5	346.8
62.5°	343.3	347.1	351.1	354.7	357.3	358.6	359.4	359.2	357.9	356.8	356.1
65°	351.0	355.8	360.3	363.5	366.3	367.9	368.5	368.8	367.3	366.3	365.5
67.5°	358.7	363.8	368.1	371.3	374.2	376.0	376.8	377.2	376.1	374.9	373.8
70°	365.7	370.6	375.0	378.1	380.8	382.9	384.3	384.8	383.8	382.0	380.9
72.5°	371.8	376.4	380.8	384.2	387.1	389.3	390.4	391.2	390.1	388.6	387.3
75°	376.8	381.7	385.9	389.4	392.6	394.3	395.5	396.4	396.5	394.9	393.5
77.5°	381.1	386.2	390.4	393.8	396.8	398.5	399.7	401.0	401.1	400.5	398.8
80°	384.3	389.6	394.0	397.3	400.3	402.5	403.1	403.9	404.5	404.3	403.2
82.5°	387.2	392.3	396.4	399.9	402.5	404.4	405.7	406.7	406.6	406.6	406.8
85°	388.5	393.5	397.7	401.8	404.3	406.2	407.2	407.9	408.1	407.9	407.7
87.5°	389.3	394.1	398.3	402.0	404.3	405.9	407.4	408.2	408.2	407.7	407.8
90°	389.3	393.6	397.8	402.0	404.1	405.5	406.9	406.9	406.9	406.2	404.8
92.5°	389.3	394.1	398.3	402.0	404.3	405.9	407.4	408.2	408.2	407.7	407.8
95°	388.5	393.5	397.7	401.8	404.3	406.2	407.2	407.9	408.1	407.9	407.7
97.5°	387.2	392.3	396.4	399.9	402.5	404.4	405.7	406.7	406.6	406.6	406.8
100°	384.3	389.6	394.0	397.3	400.3	402.5	403.1	403.9	404.5	404.3	403.2
102.5°	381.1	386.2	390.4	393.8	396.8	398.5	399.7	401.0	401.1	400.5	398.8
105°	376.8	381.7	385.9	389.4	392.6	394.3	395.5	396.4	396.5	394.9	393.5
107.5°	371.8	376.4	380.8	384.2	387.1	389.3	390.4	391.2	390.1	388.6	387.3
110°	365.7	370.6	375.0	378.1	380.8	382.9	384.3	384.8	383.8	382.0	380.9



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	358.7	363.8	368.1	371.3	374.2	376.0	376.8	377.2	376.1	374.9	373.8
115°	351.0	355.8	360.3	363.5	366.3	367.9	368.5	368.8	367.3	366.3	365.5
117.5°	343.3	347.1	351.1	354.7	357.3	358.6	359.4	359.2	357.9	356.8	356.1
120°	333.9	338.8	342.2	345.2	347.6	348.9	349.3	349.2	348.3	347.5	346.8
122.5°	323.9	328.4	332.2	334.7	337.0	338.2	338.6	338.5	337.9	337.1	336.6
125°	314.0	317.5	320.5	323.4	325.3	326.7	327.0	327.0	326.6	325.4	325.4
127.5°	302.7	306.4	309.1	311.4	313.3	314.6	315.4	315.0	314.8	314.5	314.3
130°	290.7	294.2	297.0	299.7	301.0	302.0	302.5	302.4	302.3	302.0	302.0
132.5°	277.9	281.0	283.5	286.0	287.9	289.1	289.7	289.8	289.4	288.9	288.0
135°	263.9	267.3	270.4	272.6	274.3	275.8	275.9	276.4	276.4	276.0	275.0
137.5°	250.8	253.4	256.1	258.4	260.2	261.2	261.9	262.3	262.4	262.2	261.6
140°	236.2	238.9	241.3	243.8	245.9	247.2	247.6	247.7	248.0	248.1	248.4
142.5°	220.9	223.9	226.4	228.5	230.2	231.7	232.5	232.8	232.9	232.5	232.6
145°	205.6	208.5	211.0	213.3	214.8	215.8	216.5	217.1	217.2	216.8	217.2
147.5°	189.5	192.0	194.3	196.6	198.2	199.2	200.0	200.7	201.0	201.0	201.7
150°	172.8	175.0	177.3	179.2	180.9	182.2	183.3	184.1	184.4	184.8	185.4
152.5°	156.3	158.7	160.8	162.5	163.6	165.1	166.1	166.8	167.1	167.6	167.7
155°	139.5	141.6	143.4	144.9	146.3	147.5	148.3	148.9	149.4	150.2	150.6
157.5°	122.1	124.1	125.7	127.2	128.4	129.3	130.0	130.3	131.0	131.4	132.1
160°	104.0	105.9	107.5	108.9	110.1	110.9	111.4	112.1	112.8	113.1	113.7
162.5°	86.5	88.3	89.8	91.0	92.0	92.7	93.4	94.4	95.2	95.8	96.7
165°	70.1	71.4	72.5	73.5	74.4	75.2	76.0	76.5	76.8	76.9	77.2
167.5°	53.6	54.6	55.4	56.2	57.0	57.7	58.3	58.7	58.9	59.0	59.2
170°	37.6	38.7	39.7	40.5	41.2	41.7	42.2	42.5	42.7	43.3	42.9
172.5°	24.0	24.6	25.0	25.5	25.8	26.1	26.3	26.4	26.5	26.8	26.6
175°	12.7	12.9	13.1	13.2	13.3	13.3	13.4	13.3	13.6	13.3	13.1
177.5°	4.5	4.5	4.5	4.6	4.5	4.5	4.7	4.6	4.5	4.4	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: P232031

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	4.3	4.2
5°	12.9	12.7
7.5°	26.3	26.0
10°	42.6	42.2
12.5°	58.8	58.3
15°	76.6	75.9
17.5°	96.5	96.3
20°	113.1	112.4
22.5°	131.4	130.7
25°	150.9	150.4
27.5°	167.5	166.6
30°	185.9	185.5
32.5°	202.1	201.7
35°	217.7	217.2
37.5°	233.1	232.6
40°	249.5	249.5
42.5°	262.0	261.4
45°	276.9	277.6
47.5°	288.5	288.1
50°	302.6	302.2
52.5°	314.8	314.8
55°	326.1	326.1
57.5°	336.6	336.6
60°	347.3	347.9
62.5°	356.6	357.0
65°	365.7	366.9
67.5°	373.6	374.6
70°	380.5	381.6
72.5°	387.4	388.6
75°	392.6	394.3
77.5°	397.5	399.9
80°	401.4	403.4
82.5°	404.8	406.9
85°	407.9	409.0
87.5°	408.7	410.4
90°	404.8	408.3
92.5°	408.7	410.4
95°	407.9	409.0
97.5°	404.8	406.9
100°	401.4	403.4
102.5°	397.5	399.9
105°	392.6	394.3
107.5°	387.4	388.6
110°	380.5	381.6





TEST NUMBER: P232031

CATALOG NUMBER: FVS4WM-3-LD4-50-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	373.6	374.6
115°	365.7	366.9
117.5°	356.6	357.0
120°	347.3	347.9
122.5°	336.6	336.6
125°	326.1	326.1
127.5°	314.8	314.8
130°	302.6	302.2
132.5°	288.5	288.1
135°	276.9	277.6
137.5°	262.0	261.4
140°	249.5	249.5
142.5°	233.1	232.6
145°	217.7	217.2
147.5°	202.1	201.7
150°	185.9	185.5
152.5°	167.5	166.6
155°	150.9	150.4
157.5°	131.4	130.7
160°	113.1	112.4
162.5°	96.5	96.3
165°	76.6	75.9
167.5°	58.8	58.3
170°	42.6	42.2
172.5°	26.3	26.0
175°	12.9	12.7
177.5°	4.3	4.2
180°	0.0	0.0

(END OF REPORT)