

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: P231963

Luminaire Tested: **FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231963  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-14)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS  
Light Source: (84) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

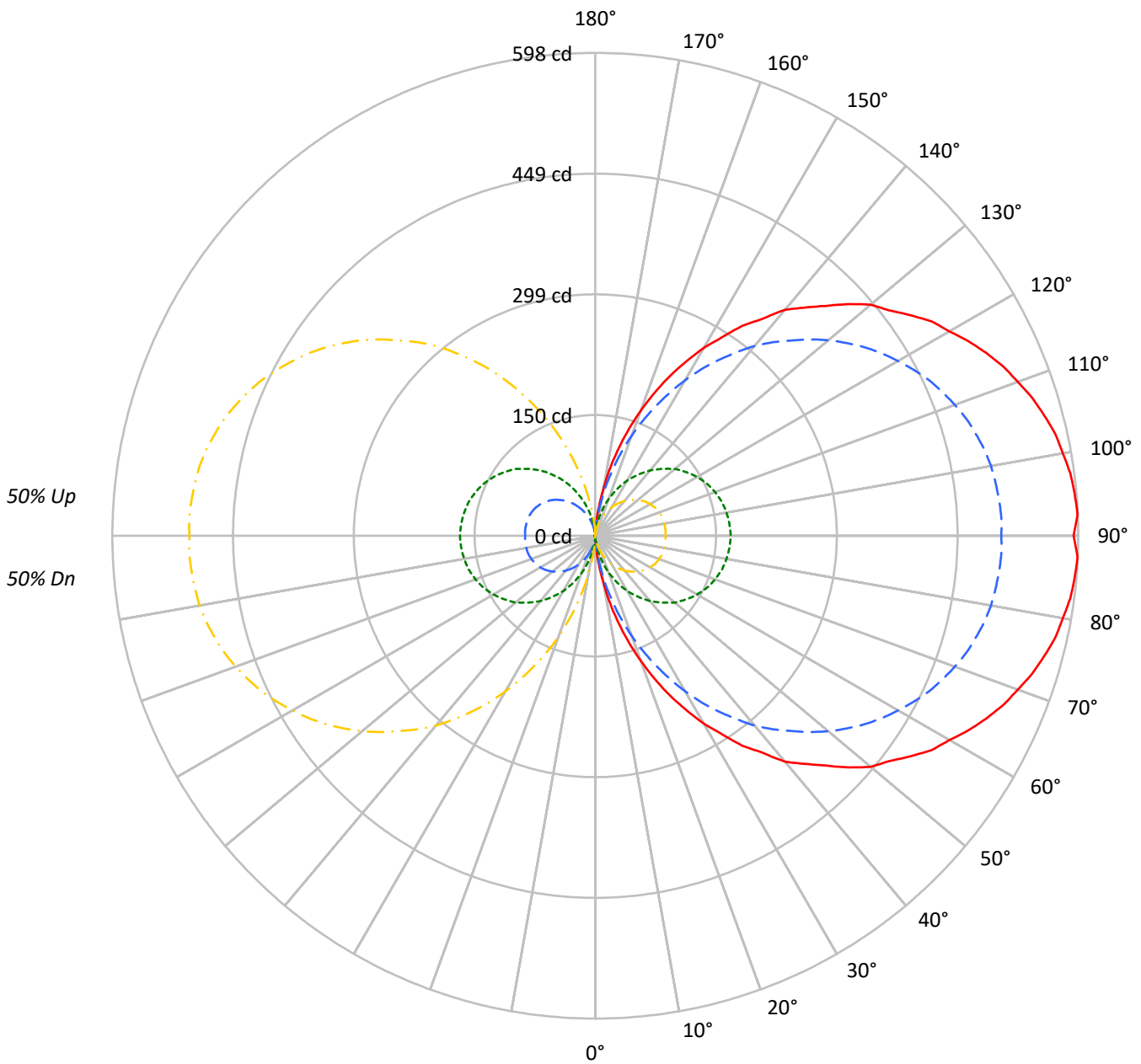
Lumens per Lamp: N/A  
Luminaire Lumens: 2590.1 lumens  
Efficiency: N/A  
Efficacy: 77.1 lumens/watt  
Spacing Criteria (0/90/45): 17.27 / 14.18 / 15.5  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 33.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



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

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

	0°	90°	180°	270°
0°	14	14	14	14
5°	271	94	0	94
10°	727	268	0	268
15°	1220	503	0	503
20°	1654	763	0	763
25°	2050	1026	0	1026
30°	2393	1317	0	1317
35°	2707	1611	0	1611
40°	3010	1950	0	1950
45°	3232	2314	0	2314
50°	3511	2758	0	2758
55°	3718	3245	0	3245
60°	3944	3853	7	3853
65°	4187	4643	7	4643
70°	4418	5696	7	5696
75°	4662	7256	7	7256
80°	4903	9798	0	9798
85°	5162	14911	0	14911



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.4	0.1
10°-20°	14.5	0.6
20°-30°	45.2	1.7
30°-40°	90.1	3.5
40°-50°	142.3	5.5
50°-60°	194.8	7.5
60°-70°	240.9	9.3
70°-80°	274.6	10.6
80°-90°	291.2	11.2
90°-100°	291.2	11.2
100°-110°	274.6	10.6
110°-120°	240.9	9.3
120°-130°	194.8	7.5
130°-140°	142.3	5.5
140°-150°	90.1	3.5
150°-160°	45.2	1.7
160°-170°	14.5	0.6
170°-180°	1.4	0.1
0°-30°	61.1	2.4
0°-40°	151.2	5.8
0°-60°	488.3	18.9
0°-90°	1295.1	50.0
90°-120°	806.7	31.1
90°-150°	1233.9	47.6
90°-180°	1295.0	50.0
0°-180°	2590.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	20	6	0	6	20	3
15°	113	33	0	33	113	34
25°	218	64	0	64	218	102
35°	317	92	0	92	317	200
45°	402	117	0	117	402	314
55°	476	137	0	137	476	428
65°	535	152	1	152	535	530
75°	575	162	1	162	575	608
85°	596	167	0	167	596	485
90°	592	168	0	168	592	326
95°	596	167	0	167	596	485
105°	575	162	1	162	575	608
115°	535	152	1	152	535	530
125°	476	137	0	137	476	428
135°	402	117	0	117	402	314
145°	317	92	0	92	317	200
155°	218	64	0	64	218	102
165°	113	33	0	33	113	34
175°	20	6	0	6	20	3
180°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	6.2	6.3	6.5	6.6	6.7	6.9	7.0	6.9	6.9	7.0	7.0
5°	20.4	20.6	20.9	21.1	21.3	20.9	20.8	20.7	20.5	20.3	20.0
7.5°	39.9	40.2	40.5	40.8	40.2	40.0	39.6	39.2	38.7	38.1	37.4
10°	61.2	61.7	62.1	62.6	61.7	61.4	61.0	60.3	59.5	58.5	57.4
12.5°	86.9	87.4	87.9	87.3	86.9	86.3	85.4	84.4	83.1	81.6	80.5
15°	112.6	113.3	114.0	113.4	113.0	112.3	111.3	110.0	108.6	107.6	106.3
17.5°	139.2	140.0	140.9	140.1	139.6	138.8	137.6	136.5	135.5	134.1	132.4
20°	164.9	165.7	166.5	165.5	164.9	164.0	163.1	162.4	161.4	159.9	158.0
22.5°	191.5	192.4	193.3	192.1	191.3	190.2	189.9	189.0	187.5	185.6	183.1
25°	218.1	219.1	219.1	218.7	217.9	217.3	216.8	215.8	214.4	212.6	210.6
27.5°	242.9	244.1	244.1	243.9	243.2	243.3	242.8	241.7	239.7	237.8	235.3
30°	268.6	269.6	269.4	268.9	268.7	268.7	268.2	267.1	265.8	264.2	261.4
32.5°	290.8	291.9	291.8	291.4	292.2	292.6	292.3	291.4	289.9	287.7	285.0
35°	317.4	317.7	316.5	315.4	316.1	316.2	315.8	315.3	314.0	311.7	309.0
37.5°	337.8	339.1	339.0	338.8	338.8	338.3	338.5	338.6	337.9	335.5	332.5
40°	365.3	363.8	360.7	360.3	360.7	360.3	360.7	360.5	359.5	357.5	354.5
42.5°	383.0	382.6	380.6	381.1	381.6	382.3	382.7	382.2	381.4	379.4	376.5
45°	402.5	402.5	400.7	402.3	402.9	403.6	404.0	404.1	402.0	400.3	397.1
47.5°	424.7	422.7	419.9	421.2	422.3	423.3	423.6	422.7	421.2	420.1	417.2
50°	445.1	442.4	439.6	440.4	441.3	442.0	442.4	442.0	441.1	438.4	435.2
52.5°	458.4	457.8	457.2	458.2	459.9	461.0	461.4	461.1	459.6	456.7	453.0
55°	476.1	476.1	475.4	475.8	477.3	478.4	478.9	478.6	476.9	473.5	469.7
57.5°	493.8	491.8	491.1	491.9	493.3	495.0	495.7	494.8	493.1	488.9	484.7
60°	506.2	507.0	506.7	507.6	508.7	510.2	510.9	509.8	507.6	503.1	498.3
62.5°	521.3	520.7	519.3	521.8	523.5	524.9	525.0	523.6	521.1	517.6	511.7
65°	534.6	534.0	532.7	534.9	536.5	538.5	538.2	536.7	533.7	529.9	525.1
67.5°	547.0	545.5	544.9	546.7	548.4	550.5	549.6	547.6	544.1	540.7	536.8
70°	556.8	556.5	555.8	557.2	559.7	560.4	559.3	557.0	554.2	550.9	547.8
72.5°	567.4	565.9	564.6	566.8	570.0	568.5	567.6	565.8	563.5	561.0	556.6
75°	575.4	573.2	573.0	575.8	576.4	575.9	574.4	573.7	571.4	568.4	564.4
77.5°	583.4	580.2	580.1	582.5	581.8	581.2	581.1	580.8	578.7	575.7	571.3
80°	587.8	585.4	586.2	586.3	584.9	586.4	587.4	586.7	583.9	580.8	576.2
82.5°	593.1	589.9	589.8	587.4	590.2	591.1	591.2	590.1	587.5	584.2	579.5
85°	595.8	593.4	588.2	591.2	592.8	593.3	593.5	592.2	589.9	586.8	582.1
87.5°	597.6	590.1	590.7	591.7	593.1	593.4	593.0	592.1	590.3	586.9	582.4
90°	592.2	586.9	586.9	589.6	591.4	592.2	593.1	591.4	589.6	586.9	582.5
92.5°	597.6	590.1	590.7	591.7	593.1	593.4	593.0	592.1	590.3	586.9	582.4
95°	595.8	593.4	588.2	591.2	592.8	593.3	593.5	592.2	589.9	586.8	582.1
97.5°	593.1	589.9	589.8	587.4	590.2	591.1	591.2	590.1	587.5	584.2	579.5
100°	587.8	585.4	586.2	586.3	584.9	586.4	587.4	586.7	583.9	580.8	576.2
102.5°	583.4	580.2	580.1	582.5	581.8	581.2	581.1	580.8	578.7	575.7	571.3
105°	575.4	573.2	573.0	575.8	576.4	575.9	574.4	573.7	571.4	568.4	564.4
107.5°	567.4	565.9	564.6	566.8	570.0	568.5	567.6	565.8	563.5	561.0	556.6
110°	556.8	556.5	555.8	557.2	559.7	560.4	559.3	557.0	554.2	550.9	547.8



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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°	547.0	545.5	544.9	546.7	548.4	550.5	549.6	547.6	544.1	540.7	536.8
115°	534.6	534.0	532.7	534.9	536.5	538.5	538.2	536.7	533.7	529.9	525.1
117.5°	521.3	520.7	519.3	521.8	523.5	524.9	525.0	523.6	521.1	517.6	511.7
120°	506.2	507.0	506.7	507.6	508.7	510.2	510.9	509.8	507.6	503.1	498.3
122.5°	493.8	491.8	491.1	491.9	493.3	495.0	495.7	494.8	493.1	488.9	484.7
125°	476.1	476.1	475.4	475.8	477.3	478.4	478.9	478.6	476.9	473.5	469.7
127.5°	458.4	457.8	457.2	458.2	459.9	461.0	461.4	461.1	459.6	456.7	453.0
130°	445.1	442.4	439.6	440.4	441.3	442.0	442.4	442.0	441.1	438.4	435.2
132.5°	424.7	422.7	419.9	421.2	422.3	423.3	423.6	422.7	421.2	420.1	417.2
135°	402.5	402.5	400.7	402.3	402.9	403.6	404.0	404.1	402.0	400.3	397.1
137.5°	383.0	382.6	380.6	381.1	381.6	382.3	382.7	382.2	381.4	379.4	376.5
140°	365.3	363.8	360.7	360.3	360.7	360.3	360.7	360.5	359.5	357.5	354.5
142.5°	337.8	339.1	339.0	338.8	338.8	338.3	338.5	338.6	337.9	335.5	332.5
145°	317.4	317.7	316.5	315.4	316.1	316.2	315.8	315.3	314.0	311.7	309.0
147.5°	290.8	291.9	291.8	291.4	292.2	292.6	292.3	291.4	289.9	287.7	285.0
150°	268.6	269.6	269.4	268.9	268.7	268.7	268.2	267.1	265.8	264.2	261.4
152.5°	242.9	244.1	244.1	243.9	243.2	243.3	242.8	241.7	239.7	237.8	235.3
155°	218.1	219.1	219.1	218.7	217.9	217.3	216.8	215.8	214.4	212.6	210.6
157.5°	191.5	192.4	193.3	192.1	191.3	190.2	189.9	189.0	187.5	185.6	183.1
160°	164.9	165.7	166.5	165.5	164.9	164.0	163.1	162.4	161.4	159.9	158.0
162.5°	139.2	140.0	140.9	140.1	139.6	138.8	137.6	136.5	135.5	134.1	132.4
165°	112.6	113.3	114.0	113.4	113.0	112.3	111.3	110.0	108.6	107.6	106.3
167.5°	86.9	87.4	87.9	87.3	86.9	86.3	85.4	84.4	83.1	81.6	80.5
170°	61.2	61.7	62.1	62.6	61.7	61.4	61.0	60.3	59.5	58.5	57.4
172.5°	39.9	40.2	40.5	40.8	40.2	40.0	39.6	39.2	38.7	38.1	37.4
175°	20.4	20.6	20.9	21.1	21.3	20.9	20.8	20.7	20.5	20.3	20.0
177.5°	6.2	6.3	6.5	6.6	6.7	6.9	7.0	6.9	6.9	7.0	7.0
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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.6	6.4
5°	19.7	19.4	18.9	18.5	18.0	17.4	16.8	16.2	15.5	14.8	14.0
7.5°	36.5	35.6	34.6	33.5	32.3	31.0	29.6	28.7	27.5	26.6	25.7
10°	56.0	54.5	53.6	52.4	51.0	49.5	48.0	46.5	44.9	43.1	41.2
12.5°	79.3	78.0	76.4	74.6	72.6	70.7	68.6	66.3	63.8	61.1	58.2
15°	104.7	102.9	100.9	98.7	96.2	93.4	90.5	87.3	83.8	80.6	77.2
17.5°	130.4	128.0	125.4	122.8	120.0	117.0	113.7	110.1	106.0	101.6	96.9
20°	155.8	153.2	150.5	147.4	144.0	140.3	136.4	132.3	127.9	123.2	117.8
22.5°	180.6	178.1	175.2	171.8	168.0	163.7	159.3	154.6	149.6	143.9	137.9
25°	207.6	204.1	200.3	195.9	191.8	187.3	182.5	177.1	171.4	165.2	159.6
27.5°	232.4	229.2	225.7	221.6	216.7	211.3	206.4	199.6	193.1	186.1	178.8
30°	257.8	254.0	250.5	245.8	240.9	235.4	229.3	222.6	215.4	207.5	198.9
32.5°	282.5	279.1	274.6	269.5	264.5	258.7	252.0	244.7	237.0	228.8	219.4
35°	305.8	302.0	297.7	292.5	286.5	280.1	273.1	265.4	257.5	248.6	238.8
37.5°	329.2	325.7	321.2	316.1	308.4	301.7	294.4	285.8	277.0	268.1	257.5
40°	351.6	348.4	343.5	337.0	329.9	322.6	315.5	307.0	296.5	286.1	274.9
42.5°	373.2	369.7	364.8	358.0	351.1	342.1	333.4	325.0	315.6	304.7	292.8
45°	393.9	388.9	383.7	378.3	370.4	361.3	351.9	341.9	332.5	321.9	309.7
47.5°	412.8	407.4	401.5	395.4	388.4	379.6	370.1	359.8	349.1	338.1	325.7
50°	430.9	425.4	419.6	413.1	406.0	396.7	387.2	376.7	365.4	353.6	340.8
52.5°	448.3	442.5	436.3	429.5	421.2	413.0	402.9	392.1	381.0	368.6	355.2
55°	464.5	458.7	452.5	445.6	436.7	427.8	418.2	407.0	394.6	381.8	369.2
57.5°	479.6	474.0	467.8	460.0	451.4	442.5	432.0	420.6	408.7	394.9	380.7
60°	493.7	488.0	481.2	473.5	464.7	455.3	444.7	432.8	420.4	406.7	392.1
62.5°	506.5	501.2	494.1	486.1	477.2	468.0	457.2	444.7	431.1	417.6	402.9
65°	519.7	513.6	506.0	498.0	488.5	479.0	469.1	456.0	442.3	427.9	412.8
67.5°	531.5	525.5	517.3	508.6	498.8	488.9	478.2	465.1	452.0	437.4	421.5
70°	542.2	535.3	527.6	518.6	508.4	498.1	486.7	473.8	460.2	445.7	429.5
72.5°	551.2	544.3	536.4	527.2	516.8	505.8	494.6	481.7	467.5	452.6	436.0
75°	558.8	551.7	543.9	534.5	524.1	512.7	501.1	487.7	473.7	458.4	441.9
77.5°	565.3	558.3	549.7	540.4	529.5	518.8	506.7	493.3	478.8	463.1	446.6
80°	570.2	563.3	554.5	544.9	534.3	523.2	511.0	497.5	482.8	467.0	450.3
82.5°	573.8	567.2	558.5	548.7	538.0	526.5	513.2	499.9	485.6	469.9	453.4
85°	576.7	569.7	560.8	551.0	540.1	528.8	515.2	501.9	487.3	472.0	455.8
87.5°	577.0	570.1	562.0	552.3	540.8	530.2	516.7	503.3	488.8	473.4	457.2
90°	576.3	570.1	561.2	552.3	540.8	530.2	516.0	502.7	489.4	473.4	456.6
92.5°	577.0	570.1	562.0	552.3	540.8	530.2	516.7	503.3	488.8	473.4	457.2
95°	576.7	569.7	560.8	551.0	540.1	528.8	515.2	501.9	487.3	472.0	455.8
97.5°	573.8	567.2	558.5	548.7	538.0	526.5	513.2	499.9	485.6	469.9	453.4
100°	570.2	563.3	554.5	544.9	534.3	523.2	511.0	497.5	482.8	467.0	450.3
102.5°	565.3	558.3	549.7	540.4	529.5	518.8	506.7	493.3	478.8	463.1	446.6
105°	558.8	551.7	543.9	534.5	524.1	512.7	501.1	487.7	473.7	458.4	441.9
107.5°	551.2	544.3	536.4	527.2	516.8	505.8	494.6	481.7	467.5	452.6	436.0
110°	542.2	535.3	527.6	518.6	508.4	498.1	486.7	473.8	460.2	445.7	429.5





TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	531.5	525.5	517.3	508.6	498.8	488.9	478.2	465.1	452.0	437.4	421.5
115°	519.7	513.6	506.0	498.0	488.5	479.0	469.1	456.0	442.3	427.9	412.8
117.5°	506.5	501.2	494.1	486.1	477.2	468.0	457.2	444.7	431.1	417.6	402.9
120°	493.7	488.0	481.2	473.5	464.7	455.3	444.7	432.8	420.4	406.7	392.1
122.5°	479.6	474.0	467.8	460.0	451.4	442.5	432.0	420.6	408.7	394.9	380.7
125°	464.5	458.7	452.5	445.6	436.7	427.8	418.2	407.0	394.6	381.8	369.2
127.5°	448.3	442.5	436.3	429.5	421.2	413.0	402.9	392.1	381.0	368.6	355.2
130°	430.9	425.4	419.6	413.1	406.0	396.7	387.2	376.7	365.4	353.6	340.8
132.5°	412.8	407.4	401.5	395.4	388.4	379.6	370.1	359.8	349.1	338.1	325.7
135°	393.9	388.9	383.7	378.3	370.4	361.3	351.9	341.9	332.5	321.9	309.7
137.5°	373.2	369.7	364.8	358.0	351.1	342.1	333.4	325.0	315.6	304.7	292.8
140°	351.6	348.4	343.5	337.0	329.9	322.6	315.5	307.0	296.5	286.1	274.9
142.5°	329.2	325.7	321.2	316.1	308.4	301.7	294.4	285.8	277.0	268.1	257.5
145°	305.8	302.0	297.7	292.5	286.5	280.1	273.1	265.4	257.5	248.6	238.8
147.5°	282.5	279.1	274.6	269.5	264.5	258.7	252.0	244.7	237.0	228.8	219.4
150°	257.8	254.0	250.5	245.8	240.9	235.4	229.3	222.6	215.4	207.5	198.9
152.5°	232.4	229.2	225.7	221.6	216.7	211.3	206.4	199.6	193.1	186.1	178.8
155°	207.6	204.1	200.3	195.9	191.8	187.3	182.5	177.1	171.4	165.2	159.6
157.5°	180.6	178.1	175.2	171.8	168.0	163.7	159.3	154.6	149.6	143.9	137.9
160°	155.8	153.2	150.5	147.4	144.0	140.3	136.4	132.3	127.9	123.2	117.8
162.5°	130.4	128.0	125.4	122.8	120.0	117.0	113.7	110.1	106.0	101.6	96.9
165°	104.7	102.9	100.9	98.7	96.2	93.4	90.5	87.3	83.8	80.6	77.2
167.5°	79.3	78.0	76.4	74.6	72.6	70.7	68.6	66.3	63.8	61.1	58.2
170°	56.0	54.5	53.6	52.4	51.0	49.5	48.0	46.5	44.9	43.1	41.2
172.5°	36.5	35.6	34.6	33.5	32.3	31.0	29.6	28.7	27.5	26.6	25.7
175°	19.7	19.4	18.9	18.5	18.0	17.4	16.8	16.2	15.5	14.8	14.0
177.5°	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.6	6.4
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: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	6.3	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5
5°	13.3	12.4	11.6	11.2	10.9	10.5	10.1	9.7	9.2	8.7	8.3
7.5°	24.7	23.7	22.6	21.4	20.2	18.8	17.4	16.7	16.2	15.6	14.9
10°	39.2	37.0	34.8	33.1	31.4	29.6	27.6	25.6	23.6	22.5	21.6
12.5°	55.6	52.9	50.1	47.2	44.1	41.4	39.2	36.8	34.2	31.6	30.0
15°	73.6	69.7	66.3	62.4	58.8	55.0	51.2	48.1	45.1	42.0	38.8
17.5°	92.5	87.5	82.8	78.1	73.3	69.1	64.6	59.9	56.0	52.4	48.6
20°	112.0	106.1	100.2	94.8	89.2	83.5	78.2	72.7	67.0	62.7	58.4
22.5°	131.5	124.9	118.2	111.3	105.0	98.4	91.6	85.6	79.7	74.0	69.3
25°	151.2	143.2	135.2	128.0	120.8	113.2	105.6	98.1	91.2	83.9	78.5
27.5°	171.0	162.7	154.1	145.5	136.9	128.0	119.7	111.2	103.0	95.1	88.0
30°	190.3	181.6	172.4	162.9	153.1	143.6	133.9	124.5	115.3	106.5	98.1
32.5°	209.6	199.9	190.3	180.1	169.3	158.5	147.8	137.0	126.3	116.4	107.1
35°	228.4	217.8	207.0	196.0	184.4	172.6	160.8	149.4	137.2	126.0	116.0
37.5°	246.3	234.9	223.0	211.2	199.9	186.6	173.8	160.9	148.5	136.5	125.7
40°	263.1	251.7	239.2	226.4	213.4	200.0	186.4	172.9	159.7	147.5	135.6
42.5°	279.9	267.4	254.6	241.6	227.8	213.4	198.7	184.3	169.9	156.8	143.8
45°	296.7	283.3	269.3	255.1	241.1	225.9	210.6	195.2	180.1	165.6	151.6
47.5°	312.5	298.5	283.7	268.6	253.4	238.0	221.9	205.6	189.5	174.0	159.3
50°	327.2	313.0	298.1	281.3	265.3	249.3	232.5	215.3	198.4	182.0	167.0
52.5°	340.8	326.0	310.7	294.4	277.4	260.1	242.5	224.9	207.3	189.7	173.8
55°	353.8	338.3	322.4	306.0	288.0	269.9	251.8	234.0	216.3	197.6	180.5
57.5°	365.6	349.6	333.9	316.5	298.2	279.4	260.6	242.1	223.8	204.4	186.6
60°	377.3	360.3	343.5	326.1	307.7	288.5	269.0	249.9	230.2	210.5	192.3
62.5°	387.0	370.5	353.4	335.2	316.6	297.1	276.6	256.7	236.6	216.3	197.3
65°	396.5	379.5	362.3	343.6	324.1	304.5	283.3	262.6	242.6	222.0	202.0
67.5°	405.4	388.3	370.1	351.4	331.3	311.4	289.7	268.6	248.1	227.2	207.0
70°	413.0	395.1	376.5	356.8	337.9	317.5	295.5	274.0	253.2	232.1	211.4
72.5°	419.1	401.4	383.0	363.7	343.8	322.7	300.4	278.5	256.9	235.4	214.7
75°	424.8	407.0	388.3	368.9	348.7	327.0	304.8	282.6	260.0	238.1	217.7
77.5°	430.0	411.8	392.8	373.1	352.6	330.3	308.4	285.7	263.1	240.6	219.6
80°	433.5	414.9	396.1	376.1	355.2	332.7	311.4	288.2	266.1	242.9	221.1
82.5°	436.2	417.3	398.9	378.4	357.6	335.2	313.0	289.8	267.8	244.6	222.9
85°	437.7	419.1	401.2	380.2	359.7	338.5	314.7	291.7	269.5	246.5	223.4
87.5°	438.9	420.6	402.5	381.2	360.0	338.7	315.1	291.3	269.5	246.9	223.4
90°	438.9	421.1	402.5	381.2	359.1	338.7	315.6	290.8	269.5	247.4	223.4
92.5°	438.9	420.6	402.5	381.2	360.0	338.7	315.1	291.3	269.5	246.9	223.4
95°	437.7	419.1	401.2	380.2	359.7	338.5	314.7	291.7	269.5	246.5	223.4
97.5°	436.2	417.3	398.9	378.4	357.6	335.2	313.0	289.8	267.8	244.6	222.9
100°	433.5	414.9	396.1	376.1	355.2	332.7	311.4	288.2	266.1	242.9	221.1
102.5°	430.0	411.8	392.8	373.1	352.6	330.3	308.4	285.7	263.1	240.6	219.6
105°	424.8	407.0	388.3	368.9	348.7	327.0	304.8	282.6	260.0	238.1	217.7
107.5°	419.1	401.4	383.0	363.7	343.8	322.7	300.4	278.5	256.9	235.4	214.7
110°	413.0	395.1	376.5	356.8	337.9	317.5	295.5	274.0	253.2	232.1	211.4



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	405.4	388.3	370.1	351.4	331.3	311.4	289.7	268.6	248.1	227.2	207.0
115°	396.5	379.5	362.3	343.6	324.1	304.5	283.3	262.6	242.6	222.0	202.0
117.5°	387.0	370.5	353.4	335.2	316.6	297.1	276.6	256.7	236.6	216.3	197.3
120°	377.3	360.3	343.5	326.1	307.7	288.5	269.0	249.9	230.2	210.5	192.3
122.5°	365.6	349.6	333.9	316.5	298.2	279.4	260.6	242.1	223.8	204.4	186.6
125°	353.8	338.3	322.4	306.0	288.0	269.9	251.8	234.0	216.3	197.6	180.5
127.5°	340.8	326.0	310.7	294.4	277.4	260.1	242.5	224.9	207.3	189.7	173.8
130°	327.2	313.0	298.1	281.3	265.3	249.3	232.5	215.3	198.4	182.0	167.0
132.5°	312.5	298.5	283.7	268.6	253.4	238.0	221.9	205.6	189.5	174.0	159.3
135°	296.7	283.3	269.3	255.1	241.1	225.9	210.6	195.2	180.1	165.6	151.6
137.5°	279.9	267.4	254.6	241.6	227.8	213.4	198.7	184.3	169.9	156.8	143.8
140°	263.1	251.7	239.2	226.4	213.4	200.0	186.4	172.9	159.7	147.5	135.6
142.5°	246.3	234.9	223.0	211.2	199.9	186.6	173.8	160.9	148.5	136.5	125.7
145°	228.4	217.8	207.0	196.0	184.4	172.6	160.8	149.4	137.2	126.0	116.0
147.5°	209.6	199.9	190.3	180.1	169.3	158.5	147.8	137.0	126.3	116.4	107.1
150°	190.3	181.6	172.4	162.9	153.1	143.6	133.9	124.5	115.3	106.5	98.1
152.5°	171.0	162.7	154.1	145.5	136.9	128.0	119.7	111.2	103.0	95.1	88.0
155°	151.2	143.2	135.2	128.0	120.8	113.2	105.6	98.1	91.2	83.9	78.5
157.5°	131.5	124.9	118.2	111.3	105.0	98.4	91.6	85.6	79.7	74.0	69.3
160°	112.0	106.1	100.2	94.8	89.2	83.5	78.2	72.7	67.0	62.7	58.4
162.5°	92.5	87.5	82.8	78.1	73.3	69.1	64.6	59.9	56.0	52.4	48.6
165°	73.6	69.7	66.3	62.4	58.8	55.0	51.2	48.1	45.1	42.0	38.8
167.5°	55.6	52.9	50.1	47.2	44.1	41.4	39.2	36.8	34.2	31.6	30.0
170°	39.2	37.0	34.8	33.1	31.4	29.6	27.6	25.6	23.6	22.5	21.6
172.5°	24.7	23.7	22.6	21.4	20.2	18.8	17.4	16.7	16.2	15.6	14.9
175°	13.3	12.4	11.6	11.2	10.9	10.5	10.1	9.7	9.2	8.7	8.3
177.5°	6.3	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	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: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	4.3	4.0	3.8	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.2
5°	7.8	7.3	6.7	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.4
7.5°	14.2	13.5	12.7	12.0	11.8	11.7	11.5	11.2	11.0	10.7	10.4
10°	20.7	19.8	18.8	17.7	17.5	17.3	17.0	16.7	16.4	16.0	15.6
12.5°	29.0	27.8	26.6	25.3	24.9	24.5	24.1	23.6	23.0	22.5	21.9
15°	37.2	35.8	34.4	32.8	32.3	31.7	31.1	30.4	29.8	29.1	28.4
17.5°	45.5	44.1	42.5	40.8	40.1	39.3	38.3	37.6	36.9	36.1	35.2
20°	54.0	52.2	50.6	48.8	47.8	46.7	45.6	44.9	44.1	43.3	42.0
22.5°	64.4	61.0	58.5	55.9	55.2	54.3	53.3	52.2	51.1	50.0	48.8
25°	73.6	69.5	66.7	63.8	63.0	62.1	61.0	59.8	58.5	57.1	55.7
27.5°	82.5	77.2	74.4	71.4	70.3	69.1	67.9	66.7	65.4	64.0	62.3
30°	91.5	84.8	81.9	78.9	77.5	75.9	74.8	73.4	72.3	71.1	68.9
32.5°	99.7	92.9	89.1	85.6	84.3	82.9	81.6	80.3	79.0	77.3	75.1
35°	107.6	100.8	96.2	92.2	91.1	89.9	88.5	87.0	85.4	83.3	80.9
37.5°	115.8	108.1	102.8	98.9	97.4	96.0	94.6	93.1	91.5	89.0	86.8
40°	124.2	115.5	109.4	105.5	103.7	102.0	100.6	99.0	97.1	94.6	92.5
42.5°	131.1	122.3	115.7	111.3	109.4	107.7	106.3	104.6	102.5	100.1	98.1
45°	138.3	129.0	122.0	117.0	115.1	113.4	111.8	110.1	107.9	105.5	103.4
47.5°	145.7	135.3	127.6	122.8	120.5	118.6	117.0	115.3	112.9	110.6	108.2
50°	153.0	141.6	133.3	128.6	125.8	123.8	122.2	120.4	117.9	115.3	112.6
52.5°	158.8	146.7	138.2	133.0	130.5	128.6	126.8	124.8	122.5	119.6	116.8
55°	164.5	151.7	143.2	137.4	135.2	133.5	131.3	129.1	127.0	123.7	120.8
57.5°	170.1	156.5	147.3	141.4	139.1	137.4	135.4	133.1	130.6	127.4	124.6
60°	175.6	161.4	151.5	145.4	143.0	141.3	139.6	136.9	133.9	131.1	128.4
62.5°	180.3	165.9	155.2	149.0	146.5	144.8	142.8	140.1	137.2	134.5	131.3
65°	184.7	170.3	158.9	152.5	150.0	148.3	145.9	143.3	140.6	137.5	134.0
67.5°	188.8	172.7	161.6	155.2	152.7	150.9	148.5	145.9	143.2	140.1	136.5
70°	191.7	175.7	164.5	157.8	155.3	153.5	151.0	148.4	145.2	142.2	138.6
72.5°	194.7	178.3	166.8	160.0	157.1	155.3	153.1	150.2	147.1	144.1	140.3
75°	197.6	180.9	169.3	162.2	158.8	157.0	155.3	151.9	149.1	145.8	142.2
77.5°	199.2	182.9	170.6	163.6	160.5	158.3	156.6	153.2	150.4	147.0	143.2
80°	200.5	185.3	172.0	164.9	162.2	159.7	157.8	154.4	151.7	148.2	143.9
82.5°	202.6	185.7	172.4	165.8	162.7	160.5	158.3	155.2	152.2	148.6	144.6
85°	203.9	186.2	172.9	166.7	163.1	161.4	158.7	156.0	152.5	149.0	145.4
87.5°	203.9	186.6	173.3	167.2	163.6	161.8	159.2	156.0	153.0	149.4	145.4
90°	203.9	187.1	173.8	167.6	164.0	162.2	159.6	156.0	153.4	149.8	145.4
92.5°	203.9	186.6	173.3	167.2	163.6	161.8	159.2	156.0	153.0	149.4	145.4
95°	203.9	186.2	172.9	166.7	163.1	161.4	158.7	156.0	152.5	149.0	145.4
97.5°	202.6	185.7	172.4	165.8	162.7	160.5	158.3	155.2	152.2	148.6	144.6
100°	200.5	185.3	172.0	164.9	162.2	159.7	157.8	154.4	151.7	148.2	143.9
102.5°	199.2	182.9	170.6	163.6	160.5	158.3	156.6	153.2	150.4	147.0	143.2
105°	197.6	180.9	169.3	162.2	158.8	157.0	155.3	151.9	149.1	145.8	142.2
107.5°	194.7	178.3	166.8	160.0	157.1	155.3	153.1	150.2	147.1	144.1	140.3
110°	191.7	175.7	164.5	157.8	155.3	153.5	151.0	148.4	145.2	142.2	138.6



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	188.8	172.7	161.6	155.2	152.7	150.9	148.5	145.9	143.2	140.1	136.5
115°	184.7	170.3	158.9	152.5	150.0	148.3	145.9	143.3	140.6	137.5	134.0
117.5°	180.3	165.9	155.2	149.0	146.5	144.8	142.8	140.1	137.2	134.5	131.3
120°	175.6	161.4	151.5	145.4	143.0	141.3	139.6	136.9	133.9	131.1	128.4
122.5°	170.1	156.5	147.3	141.4	139.1	137.4	135.4	133.1	130.6	127.4	124.6
125°	164.5	151.7	143.2	137.4	135.2	133.5	131.3	129.1	127.0	123.7	120.8
127.5°	158.8	146.7	138.2	133.0	130.5	128.6	126.8	124.8	122.5	119.6	116.8
130°	153.0	141.6	133.3	128.6	125.8	123.8	122.2	120.4	117.9	115.3	112.6
132.5°	145.7	135.3	127.6	122.8	120.5	118.6	117.0	115.3	112.9	110.6	108.2
135°	138.3	129.0	122.0	117.0	115.1	113.4	111.8	110.1	107.9	105.5	103.4
137.5°	131.1	122.3	115.7	111.3	109.4	107.7	106.3	104.6	102.5	100.1	98.1
140°	124.2	115.5	109.4	105.5	103.7	102.0	100.6	99.0	97.1	94.6	92.5
142.5°	115.8	108.1	102.8	98.9	97.4	96.0	94.6	93.1	91.5	89.0	86.8
145°	107.6	100.8	96.2	92.2	91.1	89.9	88.5	87.0	85.4	83.3	80.9
147.5°	99.7	92.9	89.1	85.6	84.3	82.9	81.6	80.3	79.0	77.3	75.1
150°	91.5	84.8	81.9	78.9	77.5	75.9	74.8	73.4	72.3	71.1	68.9
152.5°	82.5	77.2	74.4	71.4	70.3	69.1	67.9	66.7	65.4	64.0	62.3
155°	73.6	69.5	66.7	63.8	63.0	62.1	61.0	59.8	58.5	57.1	55.7
157.5°	64.4	61.0	58.5	55.9	55.2	54.3	53.3	52.2	51.1	50.0	48.8
160°	54.0	52.2	50.6	48.8	47.8	46.7	45.6	44.9	44.1	43.3	42.0
162.5°	45.5	44.1	42.5	40.8	40.1	39.3	38.3	37.6	36.9	36.1	35.2
165°	37.2	35.8	34.4	32.8	32.3	31.7	31.1	30.4	29.8	29.1	28.4
167.5°	29.0	27.8	26.6	25.3	24.9	24.5	24.1	23.6	23.0	22.5	21.9
170°	20.7	19.8	18.8	17.7	17.5	17.3	17.0	16.7	16.4	16.0	15.6
172.5°	14.2	13.5	12.7	11.9	11.8	11.7	11.5	11.2	11.0	10.7	10.4
175°	7.8	7.3	6.7	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.4
177.5°	4.3	4.0	3.8	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.2
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: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.2	2.1
5°	5.3	5.1	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.5
7.5°	10.0	9.6	9.2	8.8	8.3	7.8	7.3	6.8	6.2	5.7	5.1
10°	15.1	14.7	14.1	13.6	12.9	12.3	11.7	11.0	10.4	9.7	9.0
12.5°	21.2	20.5	19.7	18.9	17.9	17.0	16.0	15.0	14.1	13.2	12.3
15°	27.7	26.6	25.5	24.4	23.3	22.2	21.1	19.9	18.6	17.3	15.9
17.5°	34.0	32.7	31.4	30.1	28.8	27.5	26.1	24.8	23.3	21.8	20.2
20°	40.6	39.2	37.7	36.2	34.7	33.2	31.6	29.9	28.1	26.0	24.1
22.5°	47.5	45.8	44.0	42.2	40.6	38.9	37.1	35.0	32.7	30.4	28.2
25°	54.1	52.4	50.6	48.7	46.6	44.5	42.3	39.9	37.5	35.1	32.6
27.5°	60.5	58.5	56.6	54.5	52.3	50.0	47.5	45.0	42.3	39.5	36.7
30°	66.7	64.7	62.6	60.3	57.8	55.2	52.3	49.4	46.6	43.5	40.5
32.5°	72.9	70.9	68.5	65.8	63.1	60.3	57.4	54.4	51.3	48.3	45.0
35°	78.9	76.7	73.9	71.1	68.4	65.6	62.5	59.1	55.8	52.4	48.8
37.5°	84.8	82.3	79.4	76.4	73.4	70.3	67.0	63.5	59.9	56.2	52.5
40°	90.4	87.5	84.5	81.2	78.1	74.9	71.5	67.8	63.8	60.0	56.2
42.5°	95.6	92.7	89.3	85.9	82.7	79.3	75.7	71.6	67.5	63.8	59.6
45°	100.3	97.2	93.9	90.5	87.1	83.8	79.7	75.5	71.4	67.1	62.7
47.5°	104.9	101.8	98.5	94.8	91.1	87.3	83.3	79.1	74.9	70.4	66.0
50°	109.5	106.1	102.5	98.7	94.9	90.8	86.7	82.4	78.1	73.5	69.0
52.5°	113.8	110.2	106.5	102.6	98.6	94.4	90.0	85.7	81.2	76.1	71.6
55°	117.5	113.9	110.1	106.0	102.1	97.8	93.0	88.3	83.7	79.0	74.2
57.5°	121.2	117.6	113.5	109.1	105.2	100.5	95.7	91.0	86.7	81.6	76.4
60°	124.7	120.6	116.5	112.3	108.0	103.3	98.5	93.7	88.8	83.7	78.4
62.5°	127.8	123.4	119.6	115.2	110.6	105.8	100.9	95.8	90.9	85.4	80.0
65°	130.4	126.3	121.7	117.6	113.0	108.2	103.1	97.9	92.8	87.0	81.8
67.5°	132.8	128.7	124.0	120.1	115.4	110.1	105.1	99.9	94.4	88.7	83.0
70°	134.6	130.6	126.5	121.8	116.7	111.9	106.9	101.6	96.1	90.3	84.2
72.5°	136.4	132.2	127.8	123.3	118.5	113.4	108.3	102.6	96.9	91.4	85.1
75°	138.0	133.6	129.1	124.3	119.4	114.5	109.4	103.8	97.9	92.2	86.0
77.5°	139.2	134.8	130.4	125.2	120.4	115.4	110.1	104.6	98.7	92.6	86.5
80°	140.2	135.8	131.4	126.2	121.1	115.8	110.9	105.2	99.1	92.9	86.7
82.5°	140.7	136.3	131.9	126.7	121.4	116.1	111.4	105.6	99.5	93.3	87.0
85°	141.1	136.6	132.2	126.9	121.6	116.3	111.1	105.6	99.5	93.3	87.1
87.5°	141.5	137.0	132.1	127.2	121.9	116.5	111.2	105.6	99.4	93.2	87.0
90°	141.9	137.4	132.1	127.7	122.3	117.0	111.7	105.5	99.3	93.1	86.9
92.5°	141.5	137.0	132.1	127.2	121.9	116.5	111.2	105.6	99.4	93.2	87.0
95°	141.1	136.6	132.2	126.9	121.6	116.3	111.1	105.6	99.5	93.3	87.1
97.5°	140.7	136.3	131.9	126.7	121.4	116.1	111.4	105.6	99.5	93.3	87.0
100°	140.2	135.8	131.4	126.2	121.1	115.8	110.9	105.2	99.1	92.9	86.7
102.5°	139.2	134.8	130.4	125.2	120.4	115.4	110.1	104.6	98.7	92.6	86.5
105°	138.0	133.6	129.1	124.3	119.4	114.5	109.4	103.8	97.9	92.2	86.0
107.5°	136.4	132.2	127.8	123.3	118.5	113.4	108.3	102.6	96.9	91.4	85.1
110°	134.6	130.6	126.5	121.8	116.7	111.9	106.9	101.6	96.1	90.3	84.2



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	132.8	128.7	124.0	120.1	115.4	110.1	105.1	99.9	94.4	88.7	83.0
115°	130.4	126.3	121.7	117.6	113.0	108.2	103.1	97.9	92.8	87.0	81.8
117.5°	127.8	123.4	119.6	115.2	110.6	105.8	100.9	95.8	90.9	85.4	80.0
120°	124.7	120.6	116.5	112.3	108.0	103.3	98.5	93.7	88.8	83.7	78.4
122.5°	121.2	117.6	113.5	109.1	105.2	100.5	95.7	91.0	86.7	81.6	76.4
125°	117.5	113.9	110.1	106.0	102.1	97.8	93.0	88.3	83.7	79.0	74.2
127.5°	113.8	110.2	106.5	102.6	98.6	94.4	90.0	85.7	81.2	76.1	71.6
130°	109.5	106.1	102.5	98.7	94.9	90.8	86.7	82.4	78.1	73.5	69.0
132.5°	104.9	101.8	98.5	94.8	91.1	87.3	83.3	79.1	74.9	70.4	66.0
135°	100.3	97.2	93.9	90.5	87.1	83.8	79.7	75.5	71.4	67.1	62.7
137.5°	95.6	92.7	89.3	85.9	82.7	79.3	75.7	71.6	67.5	63.8	59.6
140°	90.4	87.5	84.5	81.2	78.1	74.9	71.5	67.8	63.8	60.0	56.2
142.5°	84.8	82.3	79.4	76.4	73.4	70.3	67.0	63.5	59.9	56.2	52.5
145°	78.9	76.7	73.9	71.1	68.4	65.6	62.5	59.1	55.8	52.4	48.8
147.5°	72.9	70.9	68.5	65.8	63.1	60.3	57.4	54.4	51.3	48.3	45.0
150°	66.7	64.7	62.6	60.3	57.8	55.2	52.3	49.4	46.6	43.5	40.5
152.5°	60.5	58.5	56.6	54.5	52.3	50.0	47.5	45.0	42.3	39.5	36.7
155°	54.1	52.4	50.6	48.7	46.6	44.5	42.3	39.9	37.5	35.1	32.6
157.5°	47.5	45.8	44.0	42.2	40.6	38.9	37.1	35.0	32.7	30.4	28.2
160°	40.6	39.2	37.7	36.2	34.7	33.2	31.6	29.9	28.1	26.0	24.1
162.5°	34.0	32.7	31.4	30.1	28.8	27.5	26.1	24.8	23.3	21.8	20.2
165°	27.7	26.6	25.5	24.4	23.3	22.2	21.1	19.9	18.6	17.3	15.9
167.5°	21.2	20.5	19.7	18.9	17.9	17.0	16.0	15.0	14.1	13.2	12.3
170°	15.1	14.7	14.1	13.6	12.9	12.3	11.7	11.0	10.4	9.7	9.0
172.5°	10.0	9.6	9.2	8.8	8.3	7.8	7.3	6.8	6.2	5.7	5.1
175°	5.3	5.1	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.5
177.5°	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.2	2.1
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: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.8
5°	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.4
7.5°	4.4	4.3	4.0	3.8	3.6	3.3	3.1	2.8	2.5	2.3	2.0
10°	8.3	7.5	6.7	5.8	5.0	4.0	3.6	3.3	2.9	2.6	2.2
12.5°	11.3	10.3	9.3	8.3	7.3	6.3	5.2	4.2	3.4	3.0	2.7
15°	14.5	13.2	12.1	10.9	9.7	8.5	7.3	6.0	4.7	3.5	2.7
17.5°	18.5	16.8	15.1	13.3	11.8	10.4	9.0	7.6	6.2	4.8	3.5
20°	22.1	20.2	18.3	16.4	14.4	12.4	10.6	9.1	7.7	6.2	4.8
22.5°	26.0	23.8	21.7	19.4	17.1	14.8	12.6	10.4	8.8	7.2	5.5
25°	30.1	27.4	24.7	22.0	19.7	17.3	14.9	12.4	9.9	8.0	6.3
27.5°	33.9	31.1	28.3	25.5	22.6	19.6	16.9	14.1	11.5	8.6	6.9
30°	37.6	34.6	31.5	28.3	25.1	21.9	18.9	16.1	13.2	10.2	7.4
32.5°	41.4	38.0	34.7	31.1	27.9	24.6	21.1	17.4	14.4	11.4	8.4
35°	45.1	41.7	38.1	34.5	30.7	26.9	23.2	19.7	16.2	12.9	9.6
37.5°	48.8	45.2	41.1	37.3	33.4	29.3	25.4	21.6	17.7	13.7	10.3
40°	52.2	48.1	43.9	39.6	35.4	31.5	27.5	23.2	18.9	14.7	10.9
42.5°	55.3	51.2	46.9	42.5	38.3	33.5	28.5	24.0	19.8	15.8	12.1
45°	58.5	54.2	49.7	45.2	40.1	34.9	30.0	24.9	20.6	16.5	12.6
47.5°	61.5	56.8	52.0	47.1	42.0	36.7	31.4	26.1	22.0	17.1	12.8
50°	64.2	59.2	54.1	48.7	43.2	37.6	32.1	27.1	22.4	17.9	13.3
52.5°	66.6	61.2	56.1	50.3	44.3	38.6	33.1	27.9	23.0	18.2	13.8
55°	68.8	63.5	58.1	51.8	45.7	39.6	33.8	28.6	23.8	18.8	14.1
57.5°	70.9	65.5	59.8	53.4	47.4	40.8	34.6	29.4	24.4	19.2	14.3
60°	72.6	67.2	61.2	54.3	48.0	41.5	35.2	30.0	24.6	19.2	14.5
62.5°	74.5	68.9	62.7	55.6	48.9	42.3	35.9	30.0	24.5	19.4	14.8
65°	76.1	70.2	63.9	56.9	49.7	43.2	36.5	30.4	25.1	19.5	14.7
67.5°	77.3	71.5	65.3	58.4	50.9	44.0	37.0	30.9	25.3	19.6	14.7
70°	78.4	72.3	66.0	59.5	51.8	43.9	37.1	30.7	25.3	19.2	14.5
72.5°	79.6	73.1	67.0	60.5	53.2	45.0	37.9	31.1	25.0	19.1	14.0
75°	80.3	73.8	67.8	60.8	53.9	45.8	38.0	31.3	24.9	18.9	13.4
77.5°	80.5	74.3	67.8	61.0	54.7	47.1	39.3	31.6	24.5	18.5	13.1
80°	80.5	74.2	67.8	61.0	54.5	47.8	40.0	31.7	24.6	18.1	12.4
82.5°	80.8	74.0	67.7	61.1	54.5	47.6	40.3	32.7	25.1	18.0	11.8
85°	80.9	73.8	67.2	61.1	54.2	47.2	40.1	33.4	26.1	18.7	11.6
87.5°	80.8	74.0	66.9	60.5	53.5	47.2	39.3	33.1	26.1	19.5	12.3
90°	80.7	74.5	67.4	60.3	54.1	47.0	39.9	32.8	25.7	18.6	12.4
92.5°	80.8	74.0	66.9	60.5	53.5	47.2	39.3	33.1	26.1	19.5	12.3
95°	80.9	73.8	67.2	61.1	54.2	47.2	40.1	33.4	26.1	18.7	11.6
97.5°	80.8	74.0	67.7	61.1	54.5	47.6	40.3	32.7	25.1	18.0	11.8
100°	80.5	74.2	67.8	61.0	54.5	47.8	40.0	31.7	24.6	18.1	12.4
102.5°	80.5	74.3	67.8	61.0	54.7	47.1	39.3	31.6	24.5	18.5	13.1
105°	80.3	73.8	67.8	60.8	53.9	45.8	38.0	31.3	24.9	18.9	13.4
107.5°	79.6	73.1	67.0	60.5	53.2	45.0	37.9	31.1	25.0	19.1	14.0
110°	78.4	72.3	66.0	59.5	51.8	43.9	37.1	30.7	25.3	19.2	14.5





TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	77.3	71.5	65.3	58.4	50.9	44.0	37.0	30.9	25.3	19.6	14.7
115°	76.1	70.2	63.9	56.9	49.7	43.2	36.5	30.4	25.1	19.5	14.7
117.5°	74.5	68.9	62.7	55.6	48.9	42.3	35.9	30.0	24.5	19.4	14.8
120°	72.6	67.2	61.2	54.3	48.0	41.5	35.2	30.0	24.6	19.2	14.5
122.5°	70.9	65.5	59.8	53.4	47.4	40.8	34.6	29.4	24.4	19.2	14.3
125°	68.8	63.5	58.1	51.8	45.7	39.6	33.8	28.6	23.8	18.8	14.1
127.5°	66.6	61.2	56.1	50.3	44.3	38.6	33.1	27.9	23.0	18.2	13.8
130°	64.2	59.2	54.1	48.7	43.2	37.6	32.1	27.1	22.4	17.9	13.3
132.5°	61.5	56.8	52.0	47.1	42.0	36.7	31.4	26.1	22.0	17.1	12.8
135°	58.5	54.2	49.7	45.2	40.1	34.9	30.0	24.9	20.6	16.5	12.6
137.5°	55.3	51.2	46.9	42.5	38.3	33.5	28.5	24.0	19.8	15.8	12.1
140°	52.2	48.1	43.9	39.6	35.4	31.5	27.5	23.2	18.9	14.7	10.9
142.5°	48.8	45.2	41.1	37.3	33.4	29.3	25.4	21.6	17.7	13.7	10.3
145°	45.1	41.7	38.1	34.5	30.7	26.9	23.2	19.7	16.2	12.9	9.6
147.5°	41.4	38.0	34.7	31.1	27.9	24.6	21.1	17.4	14.4	11.4	8.4
150°	37.6	34.6	31.5	28.3	25.1	21.9	18.9	16.1	13.2	10.2	7.4
152.5°	33.9	31.1	28.3	25.5	22.6	19.6	16.9	14.1	11.5	8.6	6.9
155°	30.1	27.4	24.7	22.0	19.7	17.3	14.9	12.4	9.9	8.0	6.3
157.5°	26.0	23.8	21.7	19.4	17.1	14.8	12.6	10.4	8.8	7.2	5.5
160°	22.1	20.2	18.3	16.4	14.4	12.4	10.6	9.1	7.7	6.2	4.8
162.5°	18.5	16.8	15.1	13.3	11.8	10.4	9.0	7.6	6.2	4.8	3.5
165°	14.5	13.2	12.1	10.9	9.7	8.5	7.3	6.0	4.7	3.5	2.7
167.5°	11.3	10.3	9.3	8.3	7.3	6.3	5.2	4.2	3.4	3.0	2.7
170°	8.3	7.5	6.7	5.8	5.0	4.0	3.6	3.3	2.9	2.6	2.2
172.5°	4.4	4.3	4.0	3.8	3.6	3.3	3.1	2.8	2.5	2.3	2.0
175°	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.4
177.5°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
7.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
10°	1.9	1.6	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
12.5°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
15°	2.3	1.9	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
17.5°	2.5	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
20°	3.3	2.4	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
22.5°	3.9	2.2	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
25°	4.6	2.9	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
27.5°	5.1	3.2	1.3	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.3
30°	5.5	3.7	1.8	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.8
32.5°	5.9	4.1	2.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.3
35°	6.3	4.3	2.7	1.1	0.6	0.3	0.0	0.3	0.6	1.1	2.7
37.5°	7.0	4.3	2.5	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.5
40°	7.7	4.4	2.5	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.5
42.5°	8.4	4.9	2.4	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4
45°	8.7	5.5	2.6	1.3	0.0	0.0	0.0	0.0	0.0	1.3	2.6
47.5°	8.8	5.6	2.8	1.2	0.2	0.0	0.0	0.0	0.2	1.2	2.8
50°	9.1	5.4	2.8	0.9	0.2	0.0	0.0	0.0	0.2	0.9	2.8
52.5°	9.8	5.9	3.0	0.8	0.3	0.0	0.0	0.0	0.3	0.8	3.0
55°	9.5	5.9	3.0	1.2	0.4	0.0	0.0	0.0	0.4	1.2	3.0
57.5°	9.8	5.9	2.9	1.5	0.8	0.9	0.9	0.9	0.8	1.5	2.9
60°	10.2	6.4	3.4	1.6	0.9	0.9	0.9	0.9	0.9	1.6	3.4
62.5°	10.7	6.2	3.3	1.1	0.2	0.9	0.9	0.9	0.2	1.1	3.3
65°	10.6	6.4	3.2	1.1	0.8	0.9	0.9	0.9	0.8	1.1	3.2
67.5°	10.5	6.3	3.3	0.9	0.2	0.7	0.9	0.7	0.2	0.9	3.3
70°	10.6	6.4	2.9	0.9	0.0	0.6	0.9	0.6	0.0	0.9	2.9
72.5°	10.1	6.6	3.2	0.5	0.0	0.9	0.9	0.9	0.0	0.5	3.2
75°	9.2	5.4	2.7	0.7	0.0	0.9	0.9	0.9	0.0	0.7	2.7
77.5°	8.8	5.2	2.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	2.1
80°	7.9	4.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	7.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	7.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.9	4.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	8.8	5.2	2.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	2.1
105°	9.2	5.4	2.7	0.7	0.0	0.9	0.9	0.9	0.0	0.7	2.7
107.5°	10.1	6.6	3.2	0.5	0.0	0.9	0.9	0.9	0.0	0.5	3.2
110°	10.6	6.4	2.9	0.9	0.0	0.6	0.9	0.6	0.0	0.9	2.9



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	10.5	6.3	3.3	0.9	0.2	0.7	0.9	0.7	0.2	0.9	3.3
115°	10.6	6.4	3.2	1.1	0.8	0.9	0.9	0.9	0.8	1.1	3.2
117.5°	10.7	6.2	3.3	1.1	0.2	0.9	0.9	0.9	0.2	1.1	3.3
120°	10.2	6.4	3.4	1.6	0.9	0.9	0.9	0.9	0.9	1.6	3.4
122.5°	9.8	5.9	2.9	1.5	0.8	0.9	0.9	0.9	0.8	1.5	2.9
125°	9.5	5.9	3.0	1.2	0.4	0.0	0.0	0.0	0.4	1.2	3.0
127.5°	9.8	5.9	3.0	0.8	0.3	0.0	0.0	0.0	0.3	0.8	3.0
130°	9.1	5.4	2.8	0.9	0.2	0.0	0.0	0.0	0.2	0.9	2.8
132.5°	8.8	5.6	2.8	1.2	0.2	0.0	0.0	0.0	0.2	1.2	2.8
135°	8.7	5.5	2.6	1.3	0.0	0.0	0.0	0.0	0.0	1.3	2.6
137.5°	8.4	4.9	2.4	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4
140°	7.7	4.4	2.5	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.5
142.5°	7.0	4.3	2.5	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.5
145°	6.3	4.3	2.7	1.1	0.6	0.3	0.0	0.3	0.6	1.1	2.7
147.5°	5.9	4.1	2.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.3
150°	5.5	3.7	1.8	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.8
152.5°	5.1	3.2	1.3	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.3
155°	4.6	2.9	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
157.5°	3.9	2.2	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
160°	3.3	2.4	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
162.5°	2.5	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
165°	2.3	1.9	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
167.5°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
170°	1.9	1.6	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
172.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
175°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
177.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	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: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	0.6	0.7	0.8	1.0	1.1	1.2	1.3	1.4	1.6	1.7	1.8
5°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9
7.5°	1.4	1.7	2.0	2.3	2.5	2.8	3.1	3.3	3.6	3.8	4.0
10°	1.6	1.9	2.2	2.6	2.9	3.3	3.6	4.0	5.0	5.8	6.7
12.5°	1.9	2.3	2.7	3.0	3.4	4.2	5.2	6.3	7.3	8.3	9.3
15°	1.9	2.3	2.7	3.5	4.7	6.0	7.3	8.5	9.7	10.9	12.1
17.5°	2.1	2.5	3.5	4.8	6.2	7.6	9.0	10.4	11.8	13.3	15.1
20°	2.4	3.3	4.8	6.2	7.7	9.1	10.6	12.4	14.4	16.4	18.3
22.5°	2.2	3.9	5.5	7.2	8.8	10.4	12.6	14.8	17.1	19.4	21.7
25°	2.9	4.6	6.3	8.0	9.9	12.4	14.9	17.3	19.7	22.0	24.7
27.5°	3.2	5.1	6.9	8.6	11.5	14.1	16.9	19.6	22.6	25.5	28.3
30°	3.7	5.5	7.4	10.2	13.2	16.1	18.9	21.9	25.1	28.3	31.5
32.5°	4.1	5.9	8.4	11.4	14.4	17.4	21.1	24.6	27.9	31.1	34.7
35°	4.3	6.3	9.6	12.9	16.2	19.7	23.2	26.9	30.7	34.5	38.1
37.5°	4.3	7.0	10.3	13.7	17.7	21.6	25.4	29.3	33.4	37.3	41.1
40°	4.4	7.7	10.9	14.7	18.9	23.2	27.5	31.5	35.4	39.6	43.9
42.5°	4.9	8.4	12.1	15.8	19.8	24.0	28.5	33.5	38.3	42.5	46.9
45°	5.5	8.7	12.6	16.5	20.6	24.9	30.0	34.9	40.1	45.2	49.7
47.5°	5.6	8.8	12.8	17.1	22.0	26.1	31.4	36.7	42.0	47.1	52.0
50°	5.4	9.1	13.3	17.9	22.4	27.1	32.1	37.6	43.2	48.7	54.1
52.5°	5.9	9.8	13.8	18.2	23.0	27.9	33.1	38.6	44.3	50.3	56.1
55°	5.9	9.5	14.1	18.8	23.8	28.6	33.8	39.6	45.7	51.8	58.1
57.5°	5.9	9.8	14.3	19.2	24.4	29.4	34.6	40.8	47.4	53.4	59.8
60°	6.4	10.2	14.5	19.2	24.6	30.0	35.2	41.5	48.0	54.3	61.2
62.5°	6.2	10.7	14.8	19.4	24.5	30.0	35.9	42.3	48.9	55.6	62.7
65°	6.4	10.6	14.7	19.5	25.1	30.4	36.5	43.2	49.7	56.9	63.9
67.5°	6.3	10.5	14.7	19.6	25.3	30.9	37.0	44.0	50.9	58.4	65.3
70°	6.4	10.6	14.5	19.2	25.3	30.7	37.1	43.9	51.8	59.5	66.0
72.5°	6.6	10.1	14.0	19.1	25.0	31.1	37.9	45.0	53.2	60.5	67.0
75°	5.4	9.2	13.4	18.9	24.9	31.3	38.0	45.8	53.9	60.8	67.8
77.5°	5.2	8.8	13.1	18.5	24.5	31.6	39.3	47.1	54.7	61.0	67.8
80°	4.2	7.9	12.4	18.1	24.6	31.7	40.0	47.8	54.5	61.0	67.8
82.5°	2.9	7.0	11.8	18.0	25.1	32.7	40.3	47.6	54.5	61.1	67.7
85°	1.7	6.1	11.6	18.7	26.1	33.4	40.1	47.2	54.2	61.1	67.2
87.5°	0.4	5.1	12.3	19.5	26.1	33.1	39.3	47.2	53.5	60.5	66.9
90°	0.0	6.2	12.4	18.6	25.7	32.8	39.9	47.0	54.1	60.3	67.4
92.5°	0.4	5.1	12.3	19.5	26.1	33.1	39.3	47.2	53.5	60.5	66.9
95°	1.7	6.1	11.6	18.7	26.1	33.4	40.1	47.2	54.2	61.1	67.2
97.5°	2.9	7.0	11.8	18.0	25.1	32.7	40.3	47.6	54.5	61.1	67.7
100°	4.2	7.9	12.4	18.1	24.6	31.7	40.0	47.8	54.5	61.0	67.8
102.5°	5.2	8.8	13.1	18.5	24.5	31.6	39.3	47.1	54.7	61.0	67.8
105°	5.4	9.2	13.4	18.9	24.9	31.3	38.0	45.8	53.9	60.8	67.8
107.5°	6.6	10.1	14.0	19.1	25.0	31.1	37.9	45.0	53.2	60.5	67.0
110°	6.4	10.6	14.5	19.2	25.3	30.7	37.1	43.9	51.8	59.5	66.0



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	6.3	10.5	14.7	19.6	25.3	30.9	37.0	44.0	50.9	58.4	65.3
115°	6.4	10.6	14.7	19.5	25.1	30.4	36.5	43.2	49.7	56.9	63.9
117.5°	6.2	10.7	14.8	19.4	24.5	30.0	35.9	42.3	48.9	55.6	62.7
120°	6.4	10.2	14.5	19.2	24.6	30.0	35.2	41.5	48.0	54.3	61.2
122.5°	5.9	9.8	14.3	19.2	24.4	29.4	34.6	40.8	47.4	53.4	59.8
125°	5.9	9.5	14.1	18.8	23.8	28.6	33.8	39.6	45.7	51.8	58.1
127.5°	5.9	9.8	13.8	18.2	23.0	27.9	33.1	38.6	44.3	50.3	56.1
130°	5.4	9.1	13.3	17.9	22.4	27.1	32.1	37.6	43.2	48.7	54.1
132.5°	5.6	8.8	12.8	17.1	22.0	26.1	31.4	36.7	42.0	47.1	52.0
135°	5.5	8.7	12.6	16.5	20.6	24.9	30.0	34.9	40.1	45.2	49.7
137.5°	4.9	8.4	12.1	15.8	19.8	24.0	28.5	33.5	38.3	42.5	46.9
140°	4.4	7.7	10.9	14.7	18.9	23.2	27.5	31.5	35.4	39.6	43.9
142.5°	4.3	7.0	10.3	13.7	17.7	21.6	25.4	29.3	33.4	37.3	41.1
145°	4.3	6.3	9.6	12.9	16.2	19.7	23.2	26.9	30.7	34.5	38.1
147.5°	4.1	5.9	8.4	11.4	14.4	17.4	21.1	24.6	27.9	31.1	34.7
150°	3.7	5.5	7.4	10.2	13.2	16.1	18.9	21.9	25.1	28.3	31.5
152.5°	3.2	5.1	6.9	8.6	11.5	14.1	16.9	19.6	22.6	25.5	28.3
155°	2.9	4.6	6.3	8.0	9.9	12.4	14.9	17.3	19.7	22.0	24.7
157.5°	2.2	3.9	5.5	7.2	8.8	10.4	12.6	14.8	17.1	19.4	21.7
160°	2.4	3.3	4.8	6.2	7.7	9.1	10.6	12.4	14.4	16.4	18.3
162.5°	2.1	2.5	3.5	4.8	6.2	7.6	9.0	10.4	11.8	13.3	15.1
165°	1.9	2.3	2.7	3.5	4.7	6.0	7.3	8.5	9.7	10.9	12.1
167.5°	1.9	2.3	2.7	3.0	3.4	4.2	5.2	6.3	7.3	8.3	9.3
170°	1.6	1.9	2.2	2.6	2.9	3.3	3.6	4.0	5.0	5.8	6.7
172.5°	1.4	1.7	2.0	2.3	2.5	2.8	3.1	3.3	3.6	3.8	4.0
175°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9
177.5°	0.6	0.7	0.8	1.0	1.1	1.2	1.3	1.4	1.6	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: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.7	2.8	2.9
5°	3.1	3.3	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9
7.5°	4.3	4.4	5.1	5.7	6.2	6.8	7.3	7.8	8.3	8.8	9.2
10°	7.5	8.3	9.0	9.7	10.4	11.0	11.7	12.3	12.9	13.6	14.1
12.5°	10.3	11.3	12.3	13.2	14.1	15.0	16.0	17.0	17.9	18.9	19.7
15°	13.2	14.5	15.9	17.3	18.6	19.9	21.1	22.2	23.3	24.4	25.5
17.5°	16.8	18.5	20.2	21.8	23.3	24.8	26.1	27.5	28.8	30.1	31.4
20°	20.2	22.1	24.1	26.0	28.1	29.9	31.6	33.2	34.7	36.2	37.7
22.5°	23.8	26.0	28.2	30.4	32.7	35.0	37.1	38.9	40.6	42.2	44.0
25°	27.4	30.1	32.6	35.1	37.5	39.9	42.3	44.5	46.6	48.7	50.6
27.5°	31.1	33.9	36.7	39.5	42.3	45.0	47.5	50.0	52.3	54.5	56.6
30°	34.6	37.6	40.5	43.5	46.6	49.4	52.3	55.2	57.8	60.3	62.6
32.5°	38.0	41.4	45.0	48.3	51.3	54.4	57.4	60.3	63.1	65.8	68.5
35°	41.7	45.1	48.8	52.4	55.8	59.1	62.5	65.6	68.4	71.1	73.9
37.5°	45.2	48.8	52.5	56.2	59.9	63.5	67.0	70.3	73.4	76.4	79.4
40°	48.1	52.2	56.2	60.0	63.8	67.8	71.5	74.9	78.1	81.2	84.5
42.5°	51.2	55.3	59.6	63.8	67.5	71.6	75.7	79.3	82.7	85.9	89.3
45°	54.2	58.5	62.7	67.1	71.4	75.5	79.7	83.8	87.1	90.5	93.9
47.5°	56.8	61.5	66.0	70.4	74.9	79.1	83.3	87.3	91.1	94.8	98.5
50°	59.2	64.2	69.0	73.5	78.1	82.4	86.7	90.8	94.9	98.7	102.5
52.5°	61.2	66.6	71.6	76.1	81.2	85.7	90.0	94.4	98.6	102.6	106.5
55°	63.5	68.8	74.2	79.0	83.7	88.3	93.0	97.8	102.1	106.0	110.1
57.5°	65.5	70.9	76.4	81.6	86.7	91.0	95.7	100.5	105.2	109.1	113.5
60°	67.2	72.6	78.4	83.7	88.8	93.7	98.5	103.3	108.0	112.3	116.5
62.5°	68.9	74.5	80.0	85.4	90.9	95.8	100.9	105.8	110.6	115.2	119.6
65°	70.2	76.1	81.8	87.0	92.8	97.9	103.1	108.2	113.0	117.6	121.7
67.5°	71.5	77.3	83.0	88.7	94.4	99.9	105.1	110.1	115.4	120.1	124.0
70°	72.3	78.4	84.2	90.3	96.1	101.6	106.9	111.9	116.7	121.8	126.5
72.5°	73.1	79.6	85.1	91.4	96.9	102.6	108.3	113.4	118.5	123.3	127.8
75°	73.8	80.3	86.0	92.2	97.9	103.8	109.4	114.5	119.4	124.3	129.1
77.5°	74.3	80.5	86.5	92.6	98.7	104.6	110.1	115.4	120.4	125.2	130.4
80°	74.2	80.5	86.7	92.9	99.1	105.2	110.9	115.8	121.1	126.2	131.4
82.5°	74.0	80.8	87.0	93.3	99.5	105.6	111.4	116.1	121.4	126.7	131.9
85°	73.8	80.9	87.1	93.3	99.5	105.6	111.1	116.3	121.6	126.9	132.2
87.5°	74.0	80.8	87.0	93.2	99.4	105.6	111.2	116.5	121.9	127.2	132.1
90°	74.5	80.7	86.9	93.1	99.3	105.5	111.7	117.0	122.3	127.7	132.1
92.5°	74.0	80.8	87.0	93.2	99.4	105.6	111.2	116.5	121.9	127.2	132.1
95°	73.8	80.9	87.1	93.3	99.5	105.6	111.1	116.3	121.6	126.9	132.2
97.5°	74.0	80.8	87.0	93.3	99.5	105.6	111.4	116.1	121.4	126.7	131.9
100°	74.2	80.5	86.7	92.9	99.1	105.2	110.9	115.8	121.1	126.2	131.4
102.5°	74.3	80.5	86.5	92.6	98.7	104.6	110.1	115.4	120.4	125.2	130.4
105°	73.8	80.3	86.0	92.2	97.9	103.8	109.4	114.5	119.4	124.3	129.1
107.5°	73.1	79.6	85.1	91.4	96.9	102.6	108.3	113.4	118.5	123.3	127.8
110°	72.3	78.4	84.2	90.3	96.1	101.6	106.9	111.9	116.7	121.8	126.5



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	71.5	77.3	83.0	88.7	94.4	99.9	105.1	110.1	115.4	120.1	124.0
115°	70.2	76.1	81.8	87.0	92.8	97.9	103.1	108.2	113.0	117.6	121.7
117.5°	68.9	74.5	80.0	85.4	90.9	95.8	100.9	105.8	110.6	115.2	119.6
120°	67.2	72.6	78.4	83.7	88.8	93.7	98.5	103.3	108.0	112.3	116.5
122.5°	65.5	70.9	76.4	81.6	86.7	91.0	95.7	100.5	105.2	109.1	113.5
125°	63.5	68.8	74.2	79.0	83.7	88.3	93.0	97.8	102.1	106.0	110.1
127.5°	61.2	66.6	71.6	76.1	81.2	85.7	90.0	94.4	98.6	102.6	106.5
130°	59.2	64.2	69.0	73.5	78.1	82.4	86.7	90.8	94.9	98.7	102.5
132.5°	56.8	61.5	66.0	70.4	74.9	79.1	83.3	87.3	91.1	94.8	98.5
135°	54.2	58.5	62.7	67.1	71.4	75.5	79.7	83.8	87.1	90.5	93.9
137.5°	51.2	55.3	59.6	63.8	67.5	71.6	75.7	79.3	82.7	85.9	89.3
140°	48.1	52.2	56.2	60.0	63.8	67.8	71.5	74.9	78.1	81.2	84.5
142.5°	45.2	48.8	52.5	56.2	59.9	63.5	67.0	70.3	73.4	76.4	79.4
145°	41.7	45.1	48.8	52.4	55.8	59.1	62.5	65.6	68.4	71.1	73.9
147.5°	38.0	41.4	45.0	48.3	51.3	54.4	57.4	60.3	63.1	65.8	68.5
150°	34.6	37.6	40.5	43.5	46.6	49.4	52.3	55.2	57.8	60.3	62.6
152.5°	31.1	33.9	36.7	39.5	42.3	45.0	47.5	50.0	52.3	54.5	56.6
155°	27.4	30.1	32.6	35.1	37.5	39.9	42.3	44.5	46.6	48.7	50.6
157.5°	23.8	26.0	28.2	30.4	32.7	35.0	37.1	38.9	40.6	42.2	44.0
160°	20.2	22.1	24.1	26.0	28.1	29.9	31.6	33.2	34.7	36.2	37.7
162.5°	16.8	18.5	20.2	21.8	23.3	24.8	26.1	27.5	28.8	30.1	31.4
165°	13.2	14.5	15.9	17.3	18.6	19.9	21.1	22.2	23.3	24.4	25.5
167.5°	10.3	11.3	12.3	13.2	14.1	15.0	16.0	17.0	17.9	18.9	19.7
170°	7.5	8.3	9.0	9.7	10.4	11.0	11.7	12.3	12.9	13.6	14.1
172.5°	4.3	4.4	5.1	5.7	6.2	6.8	7.3	7.8	8.3	8.8	9.2
175°	3.1	3.3	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9
177.5°	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.7	2.8	2.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.8
5°	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.7
7.5°	9.6	10.0	10.4	10.7	11.0	11.2	11.5	11.7	11.8	12.0	12.7
10°	14.7	15.1	15.6	16.0	16.4	16.7	17.0	17.3	17.5	17.7	18.8
12.5°	20.5	21.2	21.9	22.5	23.0	23.6	24.1	24.5	24.9	25.3	26.6
15°	26.6	27.7	28.4	29.1	29.8	30.4	31.1	31.7	32.3	32.8	34.4
17.5°	32.7	34.0	35.2	36.1	36.9	37.6	38.3	39.3	40.1	40.8	42.5
20°	39.2	40.6	42.0	43.3	44.1	44.9	45.6	46.7	47.8	48.8	50.6
22.5°	45.8	47.5	48.8	50.0	51.1	52.2	53.3	54.3	55.2	55.9	58.5
25°	52.4	54.1	55.7	57.1	58.5	59.8	61.0	62.1	63.0	63.8	66.7
27.5°	58.5	60.5	62.3	64.0	65.4	66.7	67.9	69.1	70.3	71.4	74.4
30°	64.7	66.7	68.9	71.1	72.3	73.4	74.8	75.9	77.5	78.9	81.9
32.5°	70.9	72.9	75.1	77.3	79.0	80.3	81.6	82.9	84.3	85.6	89.1
35°	76.7	78.9	80.9	83.3	85.4	87.0	88.5	89.9	91.1	92.2	96.2
37.5°	82.3	84.8	86.8	89.0	91.5	93.1	94.6	96.0	97.4	98.9	102.8
40°	87.5	90.4	92.5	94.6	97.1	99.0	100.6	102.0	103.7	105.5	109.4
42.5°	92.7	95.6	98.1	100.1	102.5	104.6	106.3	107.7	109.4	111.3	115.7
45°	97.2	100.3	103.4	105.5	107.9	110.1	111.8	113.4	115.1	117.0	122.0
47.5°	101.8	104.9	108.2	110.6	112.9	115.3	117.0	118.6	120.5	122.8	127.6
50°	106.1	109.5	112.6	115.3	117.9	120.4	122.2	123.8	125.8	128.6	133.3
52.5°	110.2	113.8	116.8	119.6	122.5	124.8	126.8	128.6	130.5	133.0	138.2
55°	113.9	117.5	120.8	123.7	127.0	129.1	131.3	133.5	135.2	137.4	143.2
57.5°	117.6	121.2	124.6	127.4	130.6	133.1	135.4	137.4	139.1	141.4	147.3
60°	120.6	124.7	128.4	131.1	133.9	136.9	139.6	141.3	143.0	145.4	151.5
62.5°	123.4	127.8	131.3	134.5	137.2	140.1	142.8	144.8	146.5	149.0	155.2
65°	126.3	130.4	134.0	137.5	140.6	143.3	145.9	148.3	150.0	152.5	158.9
67.5°	128.7	132.8	136.5	140.1	143.2	145.9	148.5	150.9	152.7	155.2	161.6
70°	130.6	134.6	138.6	142.2	145.2	148.4	151.0	153.5	155.3	157.8	164.5
72.5°	132.2	136.4	140.3	144.1	147.1	150.2	153.1	155.3	157.1	160.0	166.8
75°	133.6	138.0	142.2	145.8	149.1	151.9	155.3	157.0	158.8	162.2	169.3
77.5°	134.8	139.2	143.2	147.0	150.4	153.2	156.6	158.3	160.5	163.6	170.6
80°	135.8	140.2	143.9	148.2	151.7	154.4	157.8	159.7	162.2	164.9	172.0
82.5°	136.3	140.7	144.6	148.6	152.2	155.2	158.3	160.5	162.7	165.8	172.4
85°	136.6	141.1	145.4	149.0	152.5	156.0	158.7	161.4	163.1	166.7	172.9
87.5°	137.0	141.5	145.4	149.4	153.0	156.0	159.2	161.8	163.6	167.2	173.3
90°	137.4	141.9	145.4	149.8	153.4	156.0	159.6	162.2	164.0	167.6	173.8
92.5°	137.0	141.5	145.4	149.4	153.0	156.0	159.2	161.8	163.6	167.2	173.3
95°	136.6	141.1	145.4	149.0	152.5	156.0	158.7	161.4	163.1	166.7	172.9
97.5°	136.3	140.7	144.6	148.6	152.2	155.2	158.3	160.5	162.7	165.8	172.4
100°	135.8	140.2	143.9	148.2	151.7	154.4	157.8	159.7	162.2	164.9	172.0
102.5°	134.8	139.2	143.2	147.0	150.4	153.2	156.6	158.3	160.5	163.6	170.6
105°	133.6	138.0	142.2	145.8	149.1	151.9	155.3	157.0	158.8	162.2	169.3
107.5°	132.2	136.4	140.3	144.1	147.1	150.2	153.1	155.3	157.1	160.0	166.8
110°	130.6	134.6	138.6	142.2	145.2	148.4	151.0	153.5	155.3	157.8	164.5





TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	128.7	132.8	136.5	140.1	143.2	145.9	148.5	150.9	152.7	155.2	161.6
115°	126.3	130.4	134.0	137.5	140.6	143.3	145.9	148.3	150.0	152.5	158.9
117.5°	123.4	127.8	131.3	134.5	137.2	140.1	142.8	144.8	146.5	149.0	155.2
120°	120.6	124.7	128.4	131.1	133.9	136.9	139.6	141.3	143.0	145.4	151.5
122.5°	117.6	121.2	124.6	127.4	130.6	133.1	135.4	137.4	139.1	141.4	147.3
125°	113.9	117.5	120.8	123.7	127.0	129.1	131.3	133.5	135.2	137.4	143.2
127.5°	110.2	113.8	116.8	119.6	122.5	124.8	126.8	128.6	130.5	133.0	138.2
130°	106.1	109.5	112.6	115.3	117.9	120.4	122.2	123.8	125.8	128.6	133.3
132.5°	101.8	104.9	108.2	110.6	112.9	115.3	117.0	118.6	120.5	122.8	127.6
135°	97.2	100.3	103.4	105.5	107.9	110.1	111.8	113.4	115.1	117.0	122.0
137.5°	92.7	95.6	98.1	100.1	102.5	104.6	106.3	107.7	109.4	111.3	115.7
140°	87.5	90.4	92.5	94.6	97.1	99.0	100.6	102.0	103.7	105.5	109.4
142.5°	82.3	84.8	86.8	89.0	91.5	93.1	94.6	96.0	97.4	98.9	102.8
145°	76.7	78.9	80.9	83.3	85.4	87.0	88.5	89.9	91.1	92.2	96.2
147.5°	70.9	72.9	75.1	77.3	79.0	80.3	81.6	82.9	84.3	85.6	89.1
150°	64.7	66.7	68.9	71.1	72.3	73.4	74.8	75.9	77.5	78.9	81.9
152.5°	58.5	60.5	62.3	64.0	65.4	66.7	67.9	69.1	70.3	71.4	74.4
155°	52.4	54.1	55.7	57.1	58.5	59.8	61.0	62.1	63.0	63.8	66.7
157.5°	45.8	47.5	48.8	50.0	51.1	52.2	53.3	54.3	55.2	55.9	58.5
160°	39.2	40.6	42.0	43.3	44.1	44.9	45.6	46.7	47.8	48.8	50.6
162.5°	32.7	34.0	35.2	36.1	36.9	37.6	38.3	39.3	40.1	40.8	42.5
165°	26.6	27.7	28.4	29.1	29.8	30.4	31.1	31.7	32.3	32.8	34.4
167.5°	20.5	21.2	21.9	22.5	23.0	23.6	24.1	24.5	24.9	25.3	26.6
170°	14.7	15.1	15.6	16.0	16.4	16.7	17.0	17.3	17.5	17.7	18.8
172.5°	9.6	10.0	10.4	10.7	11.0	11.2	11.5	11.7	11.8	12.0	12.7
175°	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.7
177.5°	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.8
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: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	4.0	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.0
5°	7.3	7.8	8.3	8.7	9.2	9.7	10.1	10.5	10.9	11.2	11.6
7.5°	13.5	14.2	14.9	15.6	16.2	16.7	17.4	18.8	20.2	21.4	22.6
10°	19.8	20.7	21.6	22.5	23.6	25.6	27.6	29.6	31.4	33.1	34.8
12.5°	27.8	29.0	30.0	31.6	34.2	36.8	39.2	41.4	44.1	47.2	50.1
15°	35.8	37.2	38.8	42.0	45.1	48.1	51.2	55.0	58.8	62.4	66.3
17.5°	44.1	45.5	48.6	52.4	56.0	59.9	64.6	69.1	73.3	78.1	82.8
20°	52.2	54.0	58.4	62.7	67.0	72.7	78.2	83.5	89.2	94.8	100.2
22.5°	61.0	64.4	69.3	74.0	79.7	85.6	91.6	98.4	105.0	111.3	118.2
25°	69.5	73.6	78.5	83.9	91.2	98.1	105.6	113.2	120.8	128.0	135.2
27.5°	77.2	82.5	88.0	95.1	103.0	111.2	119.7	128.0	136.9	145.5	154.1
30°	84.8	91.5	98.1	106.5	115.3	124.5	133.9	143.6	153.1	162.9	172.4
32.5°	92.9	99.7	107.1	116.4	126.3	137.0	147.8	158.5	169.3	180.1	190.3
35°	100.8	107.6	116.0	126.0	137.2	149.4	160.8	172.6	184.4	196.0	207.0
37.5°	108.1	115.8	125.7	136.5	148.5	160.9	173.8	186.6	199.9	211.2	223.0
40°	115.5	124.2	135.6	147.5	159.7	172.9	186.4	200.0	213.4	226.4	239.2
42.5°	122.3	131.1	143.8	156.8	169.9	184.3	198.7	213.4	227.8	241.6	254.6
45°	129.0	138.3	151.6	165.6	180.1	195.2	210.6	225.9	241.1	255.1	269.3
47.5°	135.3	145.7	159.3	174.0	189.5	205.6	221.9	238.0	253.4	268.6	283.7
50°	141.6	153.0	167.0	182.0	198.4	215.3	232.4	249.3	265.3	281.3	298.1
52.5°	146.7	158.8	173.8	189.7	207.3	224.9	242.5	260.1	277.4	294.4	310.7
55°	151.7	164.5	180.5	197.6	216.3	234.0	251.8	269.9	288.0	306.0	322.4
57.5°	156.5	170.1	186.6	204.4	223.8	242.1	260.6	279.4	298.2	316.5	333.9
60°	161.4	175.6	192.3	210.5	230.2	249.9	269.0	288.5	307.7	326.1	343.5
62.5°	165.9	180.3	197.3	216.3	236.6	256.7	276.6	297.1	316.6	335.2	353.4
65°	170.3	184.7	202.0	222.0	242.6	262.6	283.3	304.5	324.1	343.6	362.3
67.5°	172.7	188.8	207.0	227.2	248.1	268.6	289.7	311.4	331.3	351.4	370.1
70°	175.7	191.7	211.4	232.1	253.2	274.0	295.5	317.5	337.9	356.8	376.5
72.5°	178.3	194.7	214.7	235.4	256.9	278.5	300.4	322.7	343.8	363.7	383.0
75°	180.9	197.6	217.7	238.1	260.0	282.6	304.8	327.0	348.7	368.9	388.3
77.5°	182.9	199.2	219.6	240.6	263.1	285.7	308.4	330.3	352.6	373.1	392.8
80°	185.3	200.5	221.1	242.9	266.1	288.2	311.4	332.7	355.2	376.1	396.1
82.5°	185.7	202.6	222.9	244.6	267.8	289.8	313.0	335.2	357.6	378.4	398.9
85°	186.2	203.9	223.4	246.5	269.5	291.7	314.7	338.5	359.7	380.2	401.2
87.5°	186.6	203.9	223.4	246.9	269.5	291.3	315.1	338.7	360.0	381.2	402.5
90°	187.1	203.9	223.4	247.4	269.5	290.8	315.6	338.7	359.1	381.2	402.5
92.5°	186.6	203.9	223.4	246.9	269.5	291.3	315.1	338.7	360.0	381.2	402.5
95°	186.2	203.9	223.4	246.5	269.5	291.7	314.7	338.5	359.7	380.2	401.2
97.5°	185.7	202.6	222.9	244.6	267.8	289.8	313.0	335.2	357.6	378.4	398.9
100°	185.3	200.5	221.1	242.9	266.1	288.2	311.4	332.7	355.2	376.1	396.1
102.5°	182.9	199.2	219.6	240.6	263.1	285.7	308.4	330.3	352.6	373.1	392.8
105°	180.9	197.6	217.7	238.1	260.0	282.6	304.8	327.0	348.7	368.9	388.3
107.5°	178.3	194.7	214.7	235.4	256.9	278.5	300.4	322.7	343.8	363.7	383.0
110°	175.7	191.7	211.4	232.1	253.2	274.0	295.5	317.5	337.9	356.8	376.5



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	172.7	188.8	207.0	227.2	248.1	268.6	289.7	311.4	331.3	351.4	370.1
115°	170.3	184.7	202.0	222.0	242.6	262.6	283.3	304.5	324.1	343.6	362.3
117.5°	165.9	180.3	197.3	216.3	236.6	256.7	276.6	297.1	316.6	335.2	353.4
120°	161.4	175.6	192.3	210.5	230.2	249.9	269.0	288.5	307.7	326.1	343.5
122.5°	156.5	170.1	186.6	204.4	223.8	242.1	260.6	279.4	298.2	316.5	333.9
125°	151.7	164.5	180.5	197.6	216.3	234.0	251.8	269.9	288.0	306.0	322.4
127.5°	146.7	158.8	173.8	189.7	207.3	224.9	242.5	260.1	277.4	294.4	310.7
130°	141.6	153.0	167.0	182.0	198.4	215.3	232.4	249.3	265.3	281.3	298.1
132.5°	135.3	145.7	159.3	174.0	189.5	205.6	221.9	238.0	253.4	268.6	283.7
135°	129.0	138.3	151.6	165.6	180.1	195.2	210.6	225.9	241.1	255.1	269.3
137.5°	122.3	131.1	143.8	156.8	169.9	184.3	198.7	213.4	227.8	241.6	254.6
140°	115.5	124.2	135.6	147.5	159.7	172.9	186.4	200.0	213.4	226.4	239.2
142.5°	108.1	115.8	125.7	136.5	148.5	160.9	173.8	186.6	199.9	211.2	223.0
145°	100.8	107.6	116.0	126.0	137.2	149.4	160.8	172.6	184.4	196.0	207.0
147.5°	92.9	99.7	107.1	116.4	126.3	137.0	147.8	158.5	169.3	180.1	190.3
150°	84.8	91.5	98.1	106.5	115.3	124.5	133.9	143.6	153.1	162.9	172.4
152.5°	77.2	82.5	88.0	95.1	103.0	111.2	119.7	128.0	136.9	145.5	154.1
155°	69.5	73.6	78.5	83.9	91.2	98.1	105.6	113.2	120.8	128.0	135.2
157.5°	61.0	64.4	69.3	74.0	79.7	85.6	91.6	98.4	105.0	111.3	118.2
160°	52.2	54.0	58.4	62.7	67.0	72.7	78.2	83.5	89.2	94.8	100.2
162.5°	44.1	45.5	48.6	52.4	56.0	59.9	64.6	69.1	73.3	78.1	82.8
165°	35.8	37.2	38.8	42.0	45.1	48.1	51.2	55.0	58.8	62.4	66.3
167.5°	27.8	29.0	30.0	31.6	34.2	36.8	39.2	41.4	44.1	47.2	50.1
170°	19.8	20.7	21.6	22.5	23.6	25.6	27.6	29.6	31.4	33.1	34.8
172.5°	13.5	14.2	14.9	15.6	16.2	16.7	17.4	18.8	20.2	21.4	22.6
175°	7.3	7.8	8.3	8.7	9.2	9.7	10.1	10.5	10.9	11.2	11.6
177.5°	4.0	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.0
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: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	6.2	6.3	6.4	6.6	6.7	6.7	6.8	6.9	6.9	7.0	7.0
5°	12.4	13.3	14.0	14.8	15.5	16.2	16.8	17.4	18.0	18.5	18.9
7.5°	23.7	24.7	25.7	26.6	27.5	28.7	29.6	31.0	32.3	33.5	34.6
10°	37.0	39.2	41.2	43.1	44.9	46.5	48.0	49.5	51.0	52.4	53.6
12.5°	52.9	55.6	58.2	61.1	63.8	66.3	68.6	70.7	72.6	74.6	76.4
15°	69.7	73.6	77.2	80.6	83.8	87.3	90.5	93.4	96.2	98.7	100.9
17.5°	87.5	92.5	96.9	101.6	106.0	110.1	113.7	117.0	120.0	122.8	125.4
20°	106.1	112.0	117.8	123.2	127.9	132.3	136.4	140.3	144.0	147.4	150.5
22.5°	124.9	131.5	137.9	143.9	149.6	154.6	159.3	163.7	168.0	171.8	175.2
25°	143.2	151.2	159.6	165.2	171.4	177.1	182.5	187.3	191.8	195.9	200.3
27.5°	162.7	171.0	178.8	186.1	193.1	199.6	206.4	211.3	216.7	221.6	225.7
30°	181.6	190.3	198.9	207.5	215.4	222.6	229.3	235.4	240.9	245.8	250.5
32.5°	199.9	209.6	219.4	228.8	237.0	244.7	252.0	258.7	264.5	269.5	274.6
35°	217.8	228.4	238.8	248.6	257.5	265.4	273.1	280.1	286.5	292.5	297.7
37.5°	234.9	246.3	257.5	268.1	277.0	285.8	294.4	301.7	308.4	316.1	321.2
40°	251.7	263.1	274.9	286.1	296.5	307.0	315.5	322.6	329.9	337.0	343.5
42.5°	267.4	279.9	292.8	304.7	315.6	325.0	333.4	342.1	351.1	358.0	364.8
45°	283.3	296.7	309.7	321.9	332.5	341.9	351.9	361.3	370.4	378.3	383.7
47.5°	298.5	312.5	325.7	338.1	349.1	359.8	370.1	379.6	388.4	395.4	401.5
50°	313.0	327.2	340.8	353.6	365.4	376.7	387.2	396.7	406.0	413.1	419.6
52.5°	326.0	340.8	355.2	368.6	381.0	392.1	402.9	413.0	421.2	429.5	436.3
55°	338.3	353.8	369.2	381.8	394.6	407.0	418.2	427.8	436.7	445.6	452.5
57.5°	349.6	365.6	380.7	394.9	408.7	420.6	432.0	442.5	451.4	460.0	467.8
60°	360.3	377.3	392.1	406.7	420.4	432.8	444.7	455.3	464.7	473.5	481.2
62.5°	370.5	387.0	402.9	417.6	431.1	444.7	457.2	468.0	477.2	486.1	494.1
65°	379.5	396.5	412.8	427.9	442.3	456.0	469.1	479.0	488.5	498.0	506.0
67.5°	388.3	405.4	421.5	437.4	452.0	465.1	478.2	488.9	498.8	508.6	517.3
70°	395.1	413.0	429.5	445.7	460.2	473.8	486.7	498.1	508.4	518.6	527.6
72.5°	401.4	419.1	436.0	452.6	467.5	481.7	494.6	505.8	516.8	527.2	536.4
75°	407.0	424.8	441.9	458.4	473.7	487.7	501.1	512.7	524.1	534.5	543.9
77.5°	411.8	430.0	446.6	463.1	478.8	493.3	506.7	518.8	529.5	540.4	549.7
80°	414.9	433.5	450.3	467.0	482.8	497.5	511.0	523.2	534.3	544.9	554.5
82.5°	417.3	436.2	453.4	469.9	485.6	499.9	513.2	526.5	538.0	548.7	558.5
85°	419.1	437.7	455.8	472.0	487.3	501.9	515.2	528.8	540.1	551.0	560.8
87.5°	420.6	438.9	457.2	473.4	488.8	503.3	516.7	530.2	540.8	552.3	562.0
90°	421.1	438.9	456.6	473.4	489.4	502.7	516.0	530.2	540.8	552.3	561.2
92.5°	420.6	438.9	457.2	473.4	488.8	503.3	516.7	530.2	540.8	552.3	562.0
95°	419.1	437.7	455.8	472.0	487.3	501.9	515.2	528.8	540.1	551.0	560.8
97.5°	417.3	436.2	453.4	469.9	485.6	499.9	513.2	526.5	538.0	548.7	558.5
100°	414.9	433.5	450.3	467.0	482.8	497.5	511.0	523.2	534.3	544.9	554.5
102.5°	411.8	430.0	446.6	463.1	478.8	493.3	506.7	518.8	529.5	540.4	549.7
105°	407.0	424.8	441.9	458.4	473.7	487.7	501.1	512.7	524.1	534.5	543.9
107.5°	401.4	419.1	436.0	452.6	467.5	481.7	494.6	505.8	516.8	527.2	536.4
110°	395.1	413.0	429.5	445.7	460.2	473.8	486.7	498.1	508.4	518.6	527.6



TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	388.3	405.4	421.5	437.4	452.0	465.1	478.2	488.9	498.8	508.6	517.3
115°	379.5	396.5	412.8	427.9	442.3	456.0	469.1	479.0	488.5	498.0	506.0
117.5°	370.5	387.0	402.9	417.6	431.1	444.7	457.2	468.0	477.2	486.1	494.1
120°	360.3	377.3	392.1	406.7	420.4	432.8	444.7	455.3	464.7	473.5	481.2
122.5°	349.6	365.6	380.7	394.9	408.7	420.6	432.0	442.5	451.4	460.0	467.8
125°	338.3	353.8	369.2	381.8	394.6	407.0	418.2	427.8	436.7	445.6	452.5
127.5°	326.0	340.8	355.2	368.6	381.0	392.1	402.9	413.0	421.2	429.5	436.3
130°	313.0	327.2	340.8	353.6	365.4	376.7	387.2	396.7	406.0	413.1	419.6
132.5°	298.5	312.5	325.7	338.1	349.1	359.8	370.1	379.6	388.4	395.4	401.5
135°	283.3	296.7	309.7	321.9	332.5	341.9	351.9	361.3	370.4	378.3	383.7
137.5°	267.4	279.9	292.8	304.7	315.6	325.0	333.4	342.1	351.1	358.0	364.8
140°	251.7	263.1	274.9	286.1	296.5	307.0	315.5	322.6	329.9	337.0	343.5
142.5°	234.9	246.3	257.5	268.1	277.0	285.8	294.4	301.7	308.4	316.1	321.2
145°	217.8	228.4	238.8	248.6	257.5	265.4	273.1	280.1	286.5	292.5	297.7
147.5°	199.9	209.6	219.4	228.8	237.0	244.7	252.0	258.7	264.5	269.5	274.6
150°	181.6	190.3	198.9	207.5	215.4	222.6	229.3	235.4	240.9	245.8	250.5
152.5°	162.7	171.0	178.8	186.1	193.1	199.6	206.4	211.3	216.7	221.6	225.7
155°	143.2	151.2	159.6	165.2	171.4	177.1	182.5	187.3	191.8	195.9	200.3
157.5°	124.9	131.5	137.9	143.9	149.6	154.6	159.3	163.7	168.0	171.8	175.2
160°	106.1	112.0	117.8	123.2	127.9	132.3	136.4	140.3	144.0	147.4	150.5
162.5°	87.5	92.5	96.9	101.6	106.0	110.1	113.7	117.0	120.0	122.8	125.4
165°	69.7	73.6	77.2	80.6	83.8	87.3	90.5	93.4	96.2	98.7	100.9
167.5°	52.9	55.6	58.2	61.1	63.8	66.3	68.6	70.7	72.6	74.6	76.4
170°	37.0	39.2	41.2	43.1	44.9	46.5	48.0	49.5	51.0	52.4	53.6
172.5°	23.7	24.7	25.7	26.6	27.5	28.7	29.6	31.0	32.3	33.5	34.6
175°	12.4	13.3	14.0	14.8	15.5	16.2	16.8	17.4	18.0	18.5	18.9
177.5°	6.2	6.3	6.4	6.6	6.7	6.7	6.8	6.9	6.9	7.0	7.0
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: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	7.0	7.0	7.0	7.0	6.9	6.9	7.0	6.9	6.7	6.6	6.5
5°	19.4	19.7	20.0	20.3	20.5	20.7	20.8	20.9	21.3	21.1	20.9
7.5°	35.6	36.5	37.4	38.1	38.7	39.2	39.6	40.0	40.2	40.8	40.5
10°	54.5	56.0	57.4	58.5	59.5	60.3	61.0	61.4	61.7	62.6	62.1
12.5°	78.0	79.3	80.5	81.6	83.1	84.4	85.4	86.3	86.9	87.3	87.9
15°	102.9	104.7	106.3	107.6	108.6	110.0	111.3	112.3	113.0	113.4	114.0
17.5°	128.0	130.4	132.4	134.1	135.5	136.5	137.6	138.8	139.6	140.1	140.9
20°	153.2	155.8	158.0	159.9	161.4	162.4	163.1	164.0	164.9	165.5	166.5
22.5°	178.1	180.6	183.1	185.6	187.5	189.0	189.9	190.2	191.3	192.1	193.3
25°	204.1	207.6	210.6	212.6	214.4	215.8	216.8	217.3	217.9	218.7	219.1
27.5°	229.2	232.4	235.3	237.8	239.7	241.7	242.8	243.3	243.2	243.9	244.1
30°	254.0	257.8	261.4	264.2	265.8	267.1	268.2	268.7	268.7	268.9	269.4
32.5°	279.1	282.5	285.0	287.7	289.9	291.4	292.3	292.6	292.2	291.4	291.8
35°	302.0	305.8	309.0	311.7	314.0	315.3	315.8	316.2	316.1	315.4	316.5
37.5°	325.7	329.2	332.5	335.5	337.9	338.6	338.5	338.3	338.8	338.8	339.0
40°	348.4	351.6	354.5	357.5	359.5	360.5	360.7	360.3	360.7	360.3	360.7
42.5°	369.7	373.2	376.5	379.4	381.4	382.2	382.7	382.3	381.6	381.1	380.6
45°	388.9	393.9	397.1	400.3	402.0	404.1	404.0	403.6	402.9	402.3	400.7
47.5°	407.4	412.8	417.2	420.1	421.2	422.7	423.6	423.3	422.3	421.2	419.9
50°	425.4	430.9	435.2	438.4	441.1	442.0	442.4	442.0	441.3	440.4	439.6
52.5°	442.5	448.3	453.0	456.7	459.6	461.1	461.4	461.0	459.9	458.2	457.2
55°	458.7	464.5	469.7	473.5	476.9	478.6	478.9	478.4	477.3	475.8	475.4
57.5°	474.0	479.6	484.7	488.9	493.1	494.8	495.7	495.0	493.3	491.9	491.1
60°	488.0	493.7	498.3	503.1	507.6	509.8	510.9	510.2	508.7	507.6	506.7
62.5°	501.2	506.5	511.7	517.6	521.1	523.6	525.0	524.9	523.5	521.8	519.3
65°	513.6	519.7	525.1	529.9	533.7	536.7	538.2	538.5	536.5	534.9	532.7
67.5°	525.5	531.5	536.8	540.7	544.1	547.6	549.6	550.5	548.4	546.7	544.9
70°	535.3	542.2	547.8	550.9	554.2	557.0	559.3	560.4	559.7	557.2	555.8
72.5°	544.3	551.2	556.6	561.0	563.5	565.8	567.6	568.5	570.0	566.8	564.6
75°	551.7	558.8	564.4	568.4	571.4	573.7	574.4	575.9	576.4	575.8	573.0
77.5°	558.3	565.3	571.3	575.7	578.7	580.8	581.1	581.2	581.8	582.5	580.1
80°	563.3	570.2	576.2	580.8	583.9	586.7	587.4	586.4	584.9	586.3	586.2
82.5°	567.2	573.8	579.5	584.2	587.5	590.1	591.2	591.1	590.2	587.4	589.8
85°	569.7	576.7	582.1	586.8	589.9	592.2	593.5	593.3	592.8	591.2	588.2
87.5°	570.1	577.0	582.4	586.9	590.3	592.1	593.0	593.4	593.1	591.7	590.7
90°	570.1	576.3	582.5	586.9	589.6	591.4	593.1	592.2	591.4	589.6	586.9
92.5°	570.1	577.0	582.4	586.9	590.3	592.1	593.0	593.4	593.1	591.7	590.7
95°	569.7	576.7	582.1	586.8	589.9	592.2	593.5	593.3	592.8	591.2	588.2
97.5°	567.2	573.8	579.5	584.2	587.5	590.1	591.2	591.1	590.2	587.4	589.8
100°	563.3	570.2	576.2	580.8	583.9	586.7	587.4	586.4	584.9	586.3	586.2
102.5°	558.3	565.3	571.3	575.7	578.7	580.8	581.1	581.2	581.8	582.5	580.1
105°	551.7	558.8	564.4	568.4	571.4	573.7	574.4	575.9	576.4	575.8	573.0
107.5°	544.3	551.2	556.6	561.0	563.5	565.8	567.6	568.5	570.0	566.8	564.6
110°	535.3	542.2	547.8	550.9	554.2	557.0	559.3	560.4	559.7	557.2	555.8



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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°	525.5	531.5	536.8	540.7	544.1	547.6	549.6	550.5	548.4	546.7	544.9
115°	513.6	519.7	525.1	529.9	533.7	536.7	538.2	538.5	536.5	534.9	532.7
117.5°	501.2	506.5	511.7	517.6	521.1	523.6	525.0	524.9	523.5	521.8	519.3
120°	488.0	493.7	498.3	503.1	507.6	509.8	510.9	510.2	508.7	507.6	506.7
122.5°	474.0	479.6	484.7	488.9	493.1	494.8	495.7	495.0	493.3	491.9	491.1
125°	458.7	464.5	469.7	473.5	476.9	478.6	478.9	478.4	477.3	475.8	475.4
127.5°	442.5	448.3	453.0	456.7	459.6	461.1	461.4	461.0	459.9	458.2	457.2
130°	425.4	430.9	435.2	438.4	441.1	442.0	442.4	442.0	441.3	440.4	439.6
132.5°	407.4	412.8	417.2	420.1	421.2	422.7	423.6	423.3	422.3	421.2	419.9
135°	388.9	393.9	397.1	400.3	402.0	404.1	404.0	403.6	402.9	402.3	400.7
137.5°	369.7	373.2	376.5	379.4	381.4	382.2	382.7	382.3	381.6	381.1	380.6
140°	348.4	351.6	354.5	357.5	359.5	360.5	360.7	360.3	360.7	360.3	360.7
142.5°	325.7	329.2	332.5	335.5	337.9	338.6	338.5	338.3	338.8	338.8	339.0
145°	302.0	305.8	309.0	311.7	314.0	315.3	315.8	316.2	316.1	315.4	316.5
147.5°	279.1	282.5	285.0	287.7	289.9	291.4	292.3	292.6	292.2	291.4	291.8
150°	254.0	257.8	261.4	264.2	265.8	267.1	268.2	268.7	268.7	268.9	269.4
152.5°	229.2	232.4	235.3	237.8	239.7	241.7	242.8	243.3	243.2	243.9	244.1
155°	204.1	207.6	210.6	212.6	214.4	215.8	216.8	217.3	217.9	218.7	219.1
157.5°	178.1	180.6	183.1	185.6	187.5	189.0	189.9	190.2	191.3	192.1	193.3
160°	153.2	155.8	158.0	159.9	161.4	162.4	163.1	164.0	164.9	165.5	166.5
162.5°	128.0	130.4	132.4	134.1	135.5	136.5	137.6	138.8	139.6	140.1	140.9
165°	102.9	104.7	106.3	107.6	108.6	110.0	111.3	112.3	113.0	113.4	114.0
167.5°	78.0	79.3	80.5	81.6	83.1	84.4	85.4	86.3	86.9	87.3	87.9
170°	54.5	56.0	57.4	58.5	59.5	60.3	61.0	61.4	61.7	62.6	62.1
172.5°	35.6	36.5	37.4	38.1	38.7	39.2	39.6	40.0	40.2	40.8	40.5
175°	19.4	19.7	20.0	20.3	20.5	20.7	20.8	20.9	21.3	21.1	20.9
177.5°	7.0	7.0	7.0	7.0	6.9	6.9	7.0	6.9	6.7	6.6	6.5
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°	0.9	0.9
2.5°	6.3	6.2
5°	20.6	20.4
7.5°	40.2	39.9
10°	61.7	61.2
12.5°	87.4	86.9
15°	113.3	112.6
17.5°	140.0	139.2
20°	165.7	164.9
22.5°	192.4	191.5
25°	219.1	218.1
27.5°	244.1	242.9
30°	269.6	268.6
32.5°	291.9	290.8
35°	317.7	317.4
37.5°	339.1	337.8
40°	363.8	365.3
42.5°	382.6	383.0
45°	402.5	402.5
47.5°	422.7	424.7
50°	442.4	445.1
52.5°	457.8	458.4
55°	476.1	476.1
57.5°	491.8	493.8
60°	507.0	506.2
62.5°	520.7	521.3
65°	534.0	534.6
67.5°	545.5	547.0
70°	556.5	556.8
72.5°	565.9	567.4
75°	573.2	575.4
77.5°	580.2	583.4
80°	585.4	587.8
82.5°	589.9	593.1
85°	593.4	595.8
87.5°	590.1	597.6
90°	586.9	592.2
92.5°	590.1	597.6
95°	593.4	595.8
97.5°	589.9	593.1
100°	585.4	587.8
102.5°	580.2	583.4
105°	573.2	575.4
107.5°	565.9	567.4
110°	556.5	556.8





TEST NUMBER: P231963

CATALOG NUMBER: FVS4WM-4-LD4-50-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	545.5	547.0
115°	534.0	534.6
117.5°	520.7	521.3
120°	507.0	506.2
122.5°	491.8	493.8
125°	476.1	476.1
127.5°	457.8	458.4
130°	442.4	445.1
132.5°	422.7	424.7
135°	402.5	402.5
137.5°	382.6	383.0
140°	363.8	365.3
142.5°	339.1	337.8
145°	317.7	317.4
147.5°	291.9	290.8
150°	269.6	268.6
152.5°	244.1	242.9
155°	219.1	218.1
157.5°	192.4	191.5
160°	165.7	164.9
162.5°	140.0	139.2
165°	113.3	112.6
167.5°	87.4	86.9
170°	61.7	61.2
172.5°	40.2	39.9
175°	20.6	20.4
177.5°	6.3	6.2
180°	0.0	0.0

(END OF REPORT)