

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: P232037

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

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232037  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-24)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-35-1HI-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS  
Light Source: (84) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

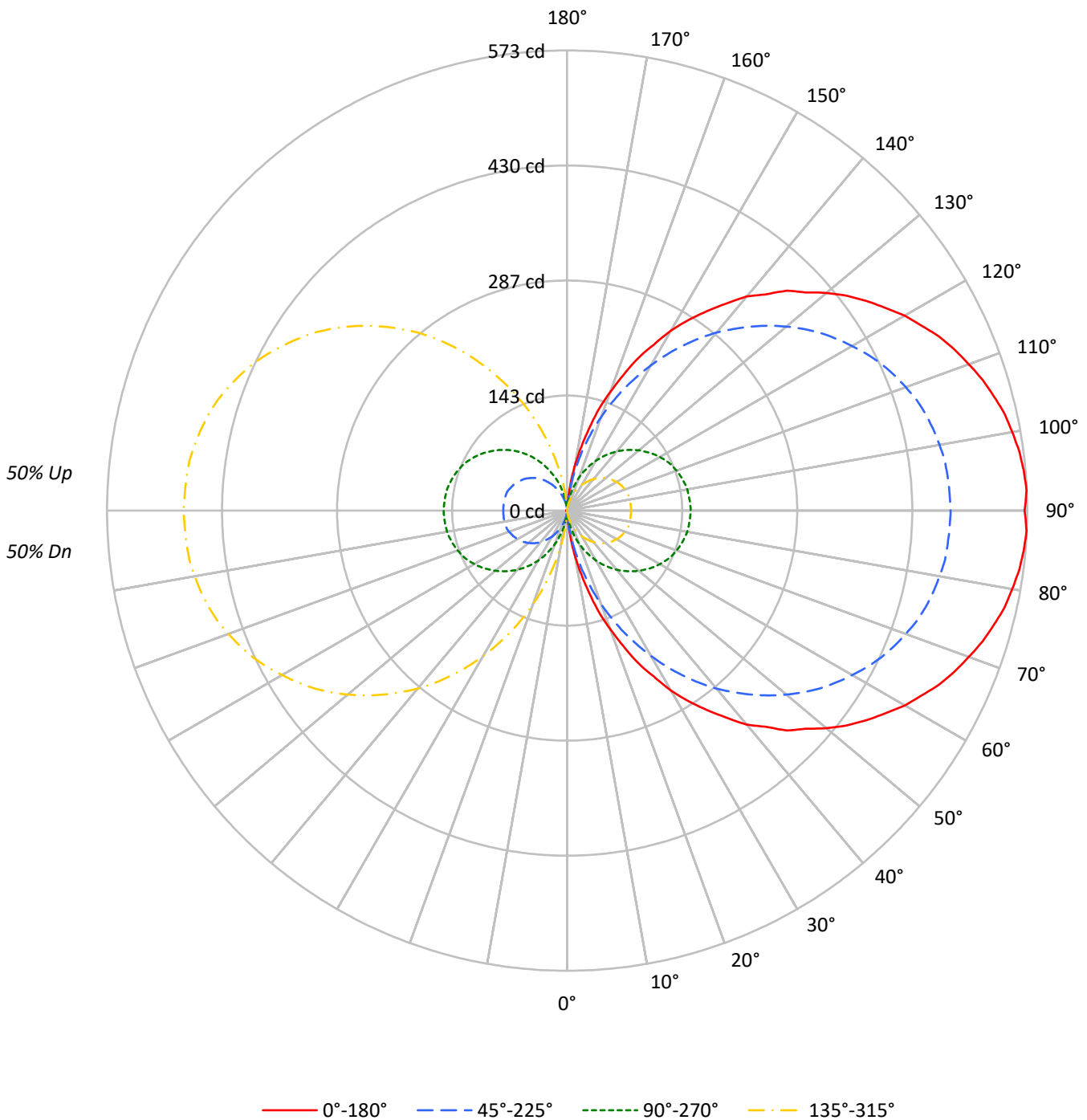
Lumens per Lamp: N/A  
Luminaire Lumens: 2442.2 lumens  
Efficiency: N/A  
Efficacy: 67.3 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 36.3  
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





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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°	303	96	0	96
10°	908	328	0	328
15°	1492	582	0	582
20°	2046	889	0	889
25°	2564	1198	0	1198
30°	2999	1532	0	1532
35°	3360	1884	0	1884
40°	3729	2265	0	2265
45°	4043	2688	0	2688
50°	4323	3169	0	3169
55°	4619	3735	0	3735
60°	4916	4429	0	4429
65°	5211	5310	0	5310
70°	5492	6451	10	6451
75°	5794	8094	11	8094
80°	6103	10717	0	10717
85°	6428	15532	0	15532



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.3	0.1
10°-20°	13.6	0.6
20°-30°	42.5	1.7
30°-40°	84.7	3.5
40°-50°	133.9	5.5
50°-60°	183.6	7.5
60°-70°	227.3	9.3
70°-80°	259.3	10.6
80°-90°	275.0	11.3
90°-100°	275.0	11.3
100°-110°	259.3	10.6
110°-120°	227.3	9.3
120°-130°	183.6	7.5
130°-140°	133.9	5.5
140°-150°	84.7	3.5
150°-160°	42.5	1.7
160°-170°	13.6	0.6
170°-180°	1.3	0.1
0°-30°	57.4	2.3
0°-40°	142.0	5.8
0°-60°	459.5	18.8
0°-90°	1221.1	50.0
90°-120°	761.6	31.2
90°-150°	1163.7	47.7
90°-180°	1221.0	50.0
0°-180°	2442.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	18	5	0	5	18	3
15°	106	29	0	29	106	32
25°	210	58	0	58	210	98
35°	303	84	0	84	303	192
45°	387	107	0	107	387	299
55°	455	126	0	126	455	408
65°	512	140	0	140	512	507
75°	550	149	1	149	550	581
85°	571	153	0	153	571	465
90°	570	154	0	154	570	313
95°	571	153	0	153	571	465
105°	550	149	1	149	550	581
115°	512	140	0	140	512	507
125°	455	126	0	126	455	408
135°	387	107	0	107	387	299
145°	303	84	0	84	303	192
155°	210	58	0	58	210	98
165°	106	29	0	29	106	32
175°	18	5	0	5	18	3
180°	0	0	0	0	0	



TEST NUMBER: P232037

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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°	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.4	6.4	6.4	6.4
5°	17.6	17.9	18.2	18.5	18.8	18.5	18.6	18.5	18.5	18.3	18.2
7.5°	36.3	36.7	37.1	37.5	37.0	36.9	36.7	36.4	36.0	35.5	35.0
10°	58.8	59.3	59.8	60.4	59.5	59.2	58.8	58.2	57.4	56.4	55.3
12.5°	81.4	82.1	82.7	82.4	82.3	81.9	81.4	80.6	79.6	78.4	77.3
15°	105.9	106.8	107.7	107.4	107.2	106.8	106.1	105.0	103.8	102.6	101.2
17.5°	134.3	134.6	134.9	133.6	132.8	131.7	130.3	129.3	128.4	127.1	125.4
20°	156.9	157.8	158.7	157.8	157.3	156.3	155.4	154.7	153.5	152.0	150.1
22.5°	182.4	183.4	184.4	183.4	182.8	181.8	181.3	180.4	179.1	177.4	175.3
25°	209.8	210.5	210.1	209.5	208.4	207.7	207.0	205.8	204.1	202.1	200.0
27.5°	232.4	233.7	233.9	233.8	233.1	232.7	231.8	230.4	228.3	226.7	224.3
30°	258.9	259.4	258.7	257.8	257.2	256.8	255.8	254.1	252.4	250.0	247.3
32.5°	281.4	282.0	281.4	280.5	280.5	280.1	279.1	277.9	276.5	274.3	271.0
35°	303.0	303.7	303.0	302.3	303.0	302.9	302.1	301.1	299.7	297.5	294.4
37.5°	324.6	325.3	324.6	324.4	325.0	324.9	324.4	323.2	321.2	318.9	315.9
40°	348.1	348.1	346.5	346.1	346.1	345.7	345.6	344.9	343.1	340.1	336.7
42.5°	364.8	365.7	365.1	365.8	366.1	366.0	365.5	364.4	363.0	360.5	357.3
45°	387.3	386.3	383.7	385.0	385.6	385.7	385.0	384.8	382.6	380.3	377.2
47.5°	402.0	402.5	401.8	403.0	403.8	404.3	404.2	403.4	401.7	399.1	395.6
50°	421.6	422.2	421.3	421.4	421.7	422.0	422.0	421.3	419.9	418.1	414.4
52.5°	439.3	439.3	438.6	438.7	439.2	439.5	440.0	438.9	437.1	434.5	431.3
55°	455.0	455.0	454.0	453.9	455.6	456.2	456.2	455.7	453.9	451.2	447.0
57.5°	469.7	469.7	469.7	470.3	471.5	472.3	472.4	471.9	470.2	467.0	463.5
60°	485.4	484.5	483.8	484.7	486.0	487.2	487.3	486.8	485.0	481.6	477.5
62.5°	498.1	497.5	496.9	497.8	499.4	501.2	501.5	500.4	498.5	494.9	489.9
65°	511.8	510.4	509.9	511.1	512.5	514.5	514.1	513.3	511.0	507.2	502.7
67.5°	522.6	521.2	521.6	523.0	524.7	526.2	525.7	524.5	522.0	518.1	513.6
70°	532.4	530.8	531.4	533.0	535.5	536.9	536.3	534.2	531.3	527.6	523.2
72.5°	542.2	540.5	540.4	542.2	544.3	545.8	544.7	543.2	540.1	536.1	531.3
75°	550.1	547.7	549.0	550.9	553.2	552.9	551.8	550.1	547.7	543.3	538.4
77.5°	557.9	554.6	556.4	558.8	559.6	559.4	557.6	556.0	553.6	549.5	544.7
80°	562.8	560.1	562.5	564.1	564.4	563.5	562.4	561.6	558.4	554.2	549.7
82.5°	567.7	564.8	567.6	567.2	567.3	567.4	566.1	564.3	561.6	557.9	553.1
85°	570.7	569.1	568.9	569.1	569.4	569.2	568.1	566.7	564.1	560.6	554.9
87.5°	572.6	570.3	568.9	568.9	569.5	569.6	568.5	566.3	564.1	560.9	555.7
90°	569.7	564.8	564.8	566.7	567.7	567.7	567.7	565.8	563.8	560.9	555.0
92.5°	572.6	570.3	568.9	568.9	569.5	569.6	568.5	566.3	564.1	560.9	555.7
95°	570.7	569.1	568.9	569.1	569.4	569.2	568.1	566.7	564.1	560.6	554.9
97.5°	567.7	564.8	567.6	567.2	567.3	567.4	566.1	564.3	561.6	557.9	553.1
100°	562.8	560.1	562.5	564.1	564.4	563.5	562.4	561.6	558.4	554.2	549.7
102.5°	557.9	554.6	556.4	558.8	559.6	559.4	557.6	556.0	553.6	549.5	544.7
105°	550.1	547.7	549.0	550.9	553.2	552.9	551.8	550.1	547.7	543.3	538.4
107.5°	542.2	540.5	540.4	542.2	544.3	545.8	544.7	543.2	540.1	536.1	531.3
110°	532.4	530.8	531.4	533.0	535.5	536.9	536.3	534.2	531.3	527.6	523.2



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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°	522.6	521.2	521.6	523.0	524.7	526.2	525.7	524.5	522.0	518.1	513.6
115°	511.8	510.4	509.9	511.1	512.5	514.5	514.1	513.3	511.0	507.2	502.7
117.5°	498.1	497.5	496.9	497.8	499.4	501.2	501.5	500.4	498.5	494.9	489.9
120°	485.4	484.5	483.8	484.7	486.0	487.2	487.3	486.8	485.0	481.6	477.5
122.5°	469.7	469.7	469.7	470.3	471.5	472.3	472.4	471.9	470.2	467.0	463.5
125°	455.0	455.0	454.0	453.9	455.6	456.2	456.2	455.7	453.9	451.2	447.0
127.5°	439.3	439.3	438.6	438.7	439.2	439.5	440.0	438.9	437.1	434.5	431.3
130°	421.6	422.2	421.3	421.4	421.7	422.0	422.0	421.3	419.9	418.1	414.4
132.5°	402.0	402.5	401.8	403.0	403.8	404.3	404.2	403.4	401.7	399.1	395.6
135°	387.3	386.3	383.7	385.0	385.6	385.7	385.0	384.8	382.6	380.3	377.2
137.5°	364.8	365.7	365.1	365.8	366.1	366.0	365.5	364.4	363.0	360.5	357.3
140°	348.1	348.1	346.5	346.1	346.1	345.7	345.6	344.9	343.1	340.1	336.7
142.5°	324.6	325.3	324.6	324.4	325.0	324.9	324.4	323.2	321.2	318.9	315.9
145°	303.0	303.7	303.0	302.3	303.0	302.9	302.1	301.1	299.7	297.5	294.4
147.5°	281.4	282.0	281.4	280.5	280.5	280.1	279.1	277.9	276.5	274.3	271.0
150°	258.9	259.4	258.7	257.8	257.2	256.8	255.8	254.1	252.4	250.0	247.3
152.5°	232.4	233.7	233.9	233.8	233.1	232.7	231.8	230.4	228.3	226.7	224.3
155°	209.8	210.5	210.1	209.5	208.4	207.7	207.0	205.8	204.1	202.1	200.0
157.5°	182.4	183.4	184.4	183.4	182.8	181.8	181.3	180.4	179.1	177.4	175.3
160°	156.9	157.8	158.7	157.8	157.3	156.3	155.4	154.7	153.5	152.0	150.1
162.5°	134.3	134.6	134.9	133.6	132.8	131.7	130.3	129.3	128.4	127.1	125.4
165°	105.9	106.8	107.7	107.4	107.2	106.8	106.1	105.0	103.8	102.6	101.2
167.5°	81.4	82.1	82.7	82.4	82.3	81.9	81.4	80.6	79.6	78.4	77.3
170°	58.8	59.3	59.8	60.4	59.5	59.2	58.8	58.2	57.4	56.4	55.3
172.5°	36.3	36.7	37.1	37.5	37.0	36.9	36.7	36.4	36.0	35.5	35.0
175°	17.6	17.9	18.2	18.5	18.8	18.5	18.6	18.5	18.5	18.3	18.2
177.5°	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.4	6.4	6.4	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



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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°	6.4	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7	5.5
5°	17.9	17.6	17.3	16.9	16.5	16.0	15.4	14.8	14.1	13.4	12.7
7.5°	34.3	33.5	32.6	31.7	30.6	29.5	28.2	27.3	26.1	25.1	24.2
10°	54.0	52.5	51.4	50.0	48.5	46.9	45.4	43.9	42.3	40.6	38.7
12.5°	76.2	74.7	73.0	71.1	69.0	66.9	64.7	62.3	59.8	57.2	54.4
15°	99.6	97.8	95.8	93.6	91.0	88.1	85.0	81.9	78.6	75.6	72.4
17.5°	123.2	120.7	118.1	115.6	113.0	110.0	106.7	103.0	99.2	95.3	91.2
20°	147.7	145.1	142.4	139.3	135.9	132.2	128.3	124.0	119.2	114.4	109.8
22.5°	173.1	170.3	167.1	163.5	159.4	155.1	150.5	145.6	140.4	134.8	129.2
25°	197.5	194.6	191.3	187.6	183.0	177.9	172.6	167.0	161.0	154.7	149.0
27.5°	221.4	218.0	214.4	210.4	205.5	200.0	194.8	187.8	181.7	175.1	168.0
30°	244.2	241.0	237.7	232.7	227.9	222.6	216.0	209.1	202.1	194.9	187.3
32.5°	267.9	264.4	260.3	255.1	249.5	243.6	237.1	230.0	222.3	214.3	205.8
35°	290.8	286.8	282.5	277.6	271.8	265.0	257.9	250.3	242.5	233.8	224.4
37.5°	312.3	308.2	303.6	299.1	292.3	285.9	278.4	270.3	261.9	253.0	242.9
40°	333.4	329.5	324.7	318.9	312.3	305.0	297.7	289.3	279.9	270.3	260.4
42.5°	353.6	349.9	345.3	339.0	333.3	324.3	315.5	306.7	297.1	286.8	276.2
45°	372.9	368.2	363.3	357.5	350.5	342.9	333.9	324.1	314.0	303.6	291.7
47.5°	392.1	387.7	381.8	375.3	367.7	359.2	350.8	340.8	330.1	319.7	307.4
50°	410.4	405.6	399.6	392.8	385.9	375.9	366.6	356.5	345.3	333.6	321.5
52.5°	427.5	422.3	416.1	408.6	400.4	392.1	381.9	371.4	360.8	347.6	334.7
55°	442.9	438.1	431.3	423.9	415.2	405.9	396.0	385.6	373.6	361.0	348.5
57.5°	458.1	451.9	445.4	437.8	429.2	419.7	409.1	397.9	386.2	373.4	359.7
60°	472.7	465.9	458.5	450.9	442.0	432.3	421.6	409.8	397.6	384.6	370.7
62.5°	484.3	479.0	471.1	462.4	453.7	444.2	433.3	421.4	408.7	395.1	380.9
65°	496.4	489.7	482.6	473.3	464.3	454.6	443.9	432.0	418.7	404.3	389.8
67.5°	507.6	500.5	492.8	483.9	474.2	463.8	452.9	440.9	427.7	413.3	397.8
70°	517.1	510.3	502.7	493.0	482.7	471.9	460.9	448.8	435.5	421.6	405.5
72.5°	525.2	518.6	510.6	501.0	490.9	480.2	468.8	456.7	442.5	429.1	412.8
75°	532.5	525.7	517.7	507.9	498.0	487.4	475.0	462.5	448.8	434.8	418.7
77.5°	538.9	531.7	523.4	514.4	504.0	492.7	480.1	467.0	453.4	438.8	422.5
80°	543.6	536.2	527.9	518.7	508.2	496.3	483.6	470.9	456.9	442.3	426.2
82.5°	547.3	540.3	531.7	521.9	510.8	499.0	486.5	474.4	459.9	444.7	429.7
85°	549.0	542.0	533.9	523.9	512.5	501.1	488.6	475.7	461.6	446.7	431.9
87.5°	549.8	543.2	534.4	524.7	513.8	503.0	490.3	476.8	462.5	448.1	433.0
90°	549.1	543.2	534.4	525.6	513.8	503.0	490.3	477.5	461.8	448.1	432.4
92.5°	549.8	543.2	534.4	524.7	513.8	503.0	490.3	476.8	462.5	448.1	433.0
95°	549.0	542.0	533.9	523.9	512.5	501.1	488.6	475.7	461.6	446.7	431.9
97.5°	547.3	540.3	531.7	521.9	510.8	499.0	486.5	474.4	459.9	444.7	429.7
100°	543.6	536.2	527.9	518.7	508.2	496.3	483.6	470.9	456.9	442.3	426.2
102.5°	538.9	531.7	523.4	514.4	504.0	492.7	480.1	467.0	453.4	438.8	422.5
105°	532.5	525.7	517.7	507.9	498.0	487.4	475.0	462.5	448.8	434.8	418.7
107.5°	525.2	518.6	510.6	501.0	490.9	480.2	468.8	456.7	442.5	429.1	412.8
110°	517.1	510.3	502.7	493.0	482.7	471.9	460.9	448.8	435.5	421.6	405.5





TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	507.6	500.5	492.8	483.9	474.2	463.8	452.9	440.9	427.7	413.3	397.8
115°	496.4	489.7	482.6	473.3	464.3	454.6	443.9	432.0	418.7	404.3	389.8
117.5°	484.3	479.0	471.1	462.4	453.7	444.2	433.3	421.4	408.7	395.1	380.9
120°	472.7	465.9	458.5	450.9	442.0	432.3	421.6	409.8	397.6	384.6	370.7
122.5°	458.1	451.9	445.4	437.8	429.2	419.7	409.1	397.9	386.2	373.4	359.7
125°	442.9	438.1	431.3	423.9	415.2	405.9	396.0	385.6	373.6	361.0	348.5
127.5°	427.5	422.3	416.1	408.6	400.4	392.1	381.9	371.4	360.8	347.6	334.7
130°	410.4	405.6	399.6	392.8	385.9	375.9	366.6	356.5	345.3	333.6	321.5
132.5°	392.1	387.7	381.8	375.3	367.7	359.2	350.8	340.8	330.1	319.7	307.4
135°	372.9	368.2	363.3	357.5	350.5	342.9	333.9	324.1	314.0	303.6	291.7
137.5°	353.6	349.9	345.3	339.0	333.3	324.3	315.5	306.7	297.1	286.8	276.2
140°	333.4	329.5	324.7	318.9	312.3	305.0	297.7	289.3	279.9	270.3	260.4
142.5°	312.3	308.2	303.6	299.1	292.3	285.9	278.4	270.3	261.9	253.0	242.9
145°	290.8	286.8	282.5	277.6	271.8	265.0	257.9	250.3	242.5	233.8	224.4
147.5°	267.9	264.4	260.3	255.1	249.5	243.6	237.1	230.0	222.3	214.3	205.8
150°	244.2	241.0	237.7	232.7	227.9	222.6	216.0	209.1	202.1	194.9	187.3
152.5°	221.4	218.0	214.4	210.4	205.5	200.0	194.8	187.8	181.7	175.1	168.0
155°	197.5	194.6	191.3	187.6	183.0	177.9	172.6	167.0	161.1	154.7	149.0
157.5°	173.1	170.3	167.1	163.5	159.4	155.1	150.5	145.6	140.4	134.8	129.2
160°	147.7	145.1	142.4	139.3	135.9	132.2	128.3	124.0	119.2	114.4	109.8
162.5°	123.2	120.7	118.1	115.6	113.0	110.0	106.7	103.0	99.2	95.3	91.2
165°	99.6	97.8	95.8	93.6	91.0	88.1	85.0	81.9	78.6	75.6	72.4
167.5°	76.2	74.7	73.0	71.1	69.0	66.9	64.7	62.3	59.8	57.2	54.4
170°	54.0	52.5	51.4	50.0	48.5	46.9	45.4	43.9	42.3	40.6	38.7
172.5°	34.3	33.5	32.6	31.7	30.6	29.5	28.2	27.3	26.1	25.1	24.2
175°	17.9	17.6	17.3	16.9	16.5	16.0	15.4	14.8	14.1	13.4	12.7
177.5°	6.4	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7	5.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.4
5°	11.9	11.0	10.1	9.8	9.4	9.0	8.6	8.2	7.8	7.3	6.9
7.5°	23.2	22.1	21.0	19.8	18.6	17.3	16.0	15.3	14.8	14.2	13.6
10°	36.7	34.6	32.5	30.8	29.2	27.6	25.8	24.1	22.2	21.2	20.4
12.5°	51.9	49.3	46.6	43.8	40.9	38.3	36.2	34.0	31.6	29.2	27.7
15°	68.9	65.2	61.7	57.9	54.5	50.9	47.2	44.3	41.4	38.3	35.2
17.5°	87.7	82.6	77.8	72.8	68.0	63.9	59.5	54.8	51.2	47.9	44.4
20°	104.8	99.4	93.8	88.4	83.0	77.4	72.1	66.6	60.8	57.1	53.5
22.5°	123.5	117.2	110.4	103.3	97.3	91.5	85.3	79.1	72.7	66.9	62.9
25°	141.8	135.0	127.8	120.3	112.8	105.8	98.8	91.6	84.7	77.7	72.4
27.5°	160.6	152.9	144.6	136.1	128.2	120.0	111.8	103.4	95.5	88.1	81.3
30°	179.2	170.5	161.5	152.4	143.3	133.9	124.2	114.9	105.9	97.8	90.2
32.5°	196.7	187.2	177.4	167.7	158.4	148.2	137.2	126.6	116.2	107.1	98.6
35°	214.4	204.0	193.5	182.6	172.1	161.4	150.0	139.0	127.2	116.4	107.1
37.5°	231.9	220.9	210.0	198.3	186.8	174.2	162.1	149.9	137.9	125.9	115.8
40°	249.2	236.9	225.1	212.8	199.5	186.4	173.5	160.8	148.1	135.8	124.6
42.5°	265.2	252.5	239.3	226.2	212.5	198.6	184.9	171.3	157.5	144.4	132.0
45°	279.6	267.4	253.6	239.8	225.7	210.7	196.2	182.0	166.8	152.5	139.2
47.5°	293.9	281.0	267.4	253.9	238.6	222.9	206.6	192.0	176.0	160.6	146.2
50°	308.0	294.3	280.1	264.9	249.4	233.3	215.8	200.6	184.7	168.5	153.3
52.5°	321.5	306.9	291.6	275.9	259.7	243.2	225.3	208.9	192.9	175.6	160.0
55°	334.5	319.4	303.3	286.8	270.2	252.8	234.7	217.1	200.8	182.4	166.4
57.5°	345.6	330.7	315.3	297.7	280.3	262.2	243.4	225.1	208.0	189.1	172.3
60°	356.0	340.9	324.7	307.1	289.0	270.6	251.4	233.0	214.6	195.6	178.0
62.5°	365.5	350.1	333.7	315.7	296.9	278.6	258.6	239.8	220.6	201.1	183.0
65°	374.5	358.3	341.8	323.5	303.9	285.7	265.4	245.5	226.0	206.3	187.6
67.5°	382.1	365.7	348.7	330.5	310.8	291.9	271.6	250.8	230.6	210.9	191.8
70°	389.2	372.4	354.9	336.9	317.5	297.5	276.9	255.7	234.7	214.9	195.9
72.5°	396.1	378.7	360.7	342.4	323.2	302.7	281.4	260.3	239.0	218.5	198.4
75°	401.7	384.2	365.8	346.7	327.4	307.0	284.9	264.5	243.1	222.1	200.5
77.5°	406.1	388.8	370.2	350.4	330.6	310.7	288.4	267.8	245.4	224.6	202.6
80°	409.0	391.2	373.2	353.5	332.9	313.4	291.9	270.6	247.1	226.7	204.7
82.5°	411.4	393.4	375.8	356.4	335.5	315.6	293.3	272.5	249.3	228.0	207.3
85°	413.5	395.8	378.2	358.7	338.2	318.5	294.3	274.5	251.9	229.4	208.9
87.5°	414.8	396.7	378.7	359.9	338.9	317.8	294.6	275.0	251.5	229.4	207.9
90°	414.8	396.1	377.5	359.9	338.3	316.7	295.1	275.5	251.0	229.4	206.9
92.5°	414.8	396.7	378.7	359.9	338.9	317.8	294.6	275.0	251.5	229.4	207.9
95°	413.5	395.8	378.2	358.7	338.2	318.5	294.3	274.5	251.9	229.4	208.9
97.5°	411.4	393.4	375.8	356.4	335.5	315.6	293.3	272.5	249.3	228.0	207.3
100°	409.0	391.2	373.2	353.5	332.9	313.4	291.9	270.6	247.1	226.7	204.7
102.5°	406.1	388.8	370.2	350.4	330.6	310.7	288.4	267.8	245.4	224.6	202.6
105°	401.7	384.2	365.8	346.7	327.4	307.0	284.9	264.5	243.1	222.1	200.5
107.5°	396.1	378.7	360.7	342.4	323.2	302.7	281.4	260.3	239.0	218.5	198.4
110°	389.2	372.4	354.9	336.9	317.5	297.5	276.9	255.7	234.7	214.9	195.9



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	382.1	365.7	348.7	330.5	310.8	291.9	271.6	250.8	230.6	210.9	191.8
115°	374.5	358.3	341.8	323.5	303.9	285.7	265.4	245.5	226.0	206.3	187.6
117.5°	365.5	350.1	333.7	315.7	296.9	278.6	258.6	239.8	220.6	201.1	183.0
120°	356.0	340.9	324.7	307.1	289.0	270.6	251.4	233.0	214.6	195.6	178.0
122.5°	345.6	330.7	315.3	297.7	280.3	262.2	243.4	225.1	208.0	189.1	172.3
125°	334.5	319.4	303.3	286.8	270.2	252.8	234.7	217.1	200.8	182.4	166.4
127.5°	321.5	306.9	291.6	275.9	259.7	243.2	225.3	208.9	192.9	175.6	160.0
130°	308.0	294.3	280.1	264.9	249.4	233.3	215.8	200.6	184.7	168.5	153.3
132.5°	293.9	281.0	267.4	253.9	238.6	222.9	206.6	192.0	176.0	160.6	146.2
135°	279.6	267.4	253.6	239.8	225.7	210.7	196.2	182.0	166.8	152.5	139.2
137.5°	265.2	252.5	239.3	226.2	212.5	198.6	184.9	171.3	157.5	144.4	132.0
140°	249.2	236.9	225.1	212.8	199.5	186.4	173.5	160.8	148.1	135.8	124.6
142.5°	231.9	220.9	210.0	198.3	186.8	174.2	162.1	149.9	137.9	125.9	115.8
145°	214.4	204.0	193.5	182.6	172.1	161.4	150.0	139.0	127.2	116.4	107.1
147.5°	196.7	187.2	177.4	167.7	158.4	148.2	137.2	126.6	116.2	107.1	98.6
150°	179.2	170.5	161.5	152.4	143.3	133.9	124.2	114.9	105.9	97.8	90.2
152.5°	160.6	152.9	144.6	136.1	128.2	120.0	111.8	103.4	95.5	88.1	81.3
155°	141.8	135.0	127.8	120.3	112.8	105.8	98.8	91.6	84.7	77.7	72.4
157.5°	123.5	117.2	110.4	103.3	97.3	91.5	85.3	79.1	72.7	66.9	62.9
160°	104.8	99.4	93.8	88.4	83.0	77.4	72.1	66.6	60.8	57.1	53.5
162.5°	87.7	82.6	77.8	72.8	68.0	63.9	59.5	54.8	51.2	47.9	44.4
165°	68.9	65.2	61.7	57.9	54.5	50.9	47.2	44.3	41.4	38.3	35.2
167.5°	51.9	49.3	46.6	43.8	40.9	38.3	36.2	34.0	31.6	29.2	27.7
170°	36.7	34.6	32.5	30.8	29.2	27.6	25.8	24.1	22.2	21.2	20.4
172.5°	23.2	22.1	21.0	19.8	18.6	17.3	16.0	15.3	14.8	14.2	13.6
175°	11.9	11.0	10.1	9.8	9.4	9.0	8.6	8.2	7.8	7.3	6.9
177.5°	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.4
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: P232037

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

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.2	3.0	2.7	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3
5°	6.4	5.9	5.4	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7
7.5°	13.0	12.3	11.6	10.8	10.7	10.5	10.3	10.0	9.8	9.5	9.2
10°	19.6	18.7	17.7	16.7	16.3	15.9	15.5	15.0	14.5	14.0	13.6
12.5°	26.6	25.5	24.3	23.1	22.7	22.3	21.8	21.3	20.7	20.1	19.5
15°	33.7	32.3	30.9	29.4	29.1	28.7	28.3	27.8	27.2	26.6	25.9
17.5°	41.6	40.1	38.5	36.8	36.3	35.7	35.1	34.4	33.8	33.0	32.2
20°	49.8	47.9	46.1	44.1	43.4	42.6	41.8	41.1	40.3	39.5	38.2
22.5°	58.6	55.6	53.4	51.0	50.2	49.3	48.4	47.7	46.8	45.6	44.2
25°	67.5	63.4	60.7	57.9	57.0	56.0	55.1	54.3	53.3	51.8	50.3
27.5°	75.9	70.8	67.8	64.8	63.8	62.7	61.7	60.6	59.4	58.0	56.4
30°	84.2	78.1	74.9	71.6	70.5	69.3	68.1	66.7	65.6	64.4	62.6
32.5°	91.6	85.0	81.3	78.0	76.8	75.6	74.2	72.8	71.6	70.1	68.3
35°	98.8	91.8	87.6	84.3	83.1	81.8	80.4	78.8	77.2	75.4	73.6
37.5°	106.5	99.1	94.0	90.2	89.0	87.6	86.1	84.4	82.7	80.8	78.9
40°	114.1	106.3	100.5	96.1	94.8	93.3	91.8	90.1	88.2	86.3	84.2
42.5°	120.5	112.4	106.1	101.5	100.1	98.6	97.1	95.3	93.4	91.5	89.2
45°	127.1	118.4	111.6	106.9	105.4	103.9	102.2	100.4	98.5	96.3	93.7
47.5°	134.0	124.2	116.8	111.8	110.3	108.7	107.0	105.2	103.2	100.8	98.0
50°	140.7	130.1	121.9	116.7	115.1	113.5	111.7	109.8	107.8	105.2	102.3
52.5°	146.3	135.0	126.5	121.1	119.1	117.3	115.7	114.1	111.8	109.1	106.2
55°	151.8	139.7	131.1	125.5	123.1	121.2	119.8	118.1	115.4	112.5	109.7
57.5°	157.0	144.2	135.2	129.5	126.9	125.0	123.4	121.6	119.0	116.1	113.1
60°	162.2	148.7	139.3	133.4	130.8	128.8	127.0	125.0	122.6	119.7	116.7
62.5°	166.8	152.5	142.4	136.8	134.2	131.8	130.2	128.1	125.5	122.7	119.5
65°	171.2	156.3	145.5	140.2	137.5	134.8	133.4	131.1	128.3	125.3	122.0
67.5°	174.7	159.3	148.5	142.7	140.0	137.5	135.6	133.3	130.6	127.7	124.2
70°	178.0	162.2	151.6	145.1	142.4	140.4	137.7	135.5	132.9	129.9	126.3
72.5°	180.8	164.6	154.1	147.1	144.3	142.3	139.5	137.4	134.7	131.5	128.0
75°	183.4	166.9	156.9	149.0	146.2	144.2	141.4	139.3	136.5	132.9	129.6
77.5°	185.0	168.6	157.4	150.5	147.2	145.2	142.8	140.4	137.5	134.1	130.7
80°	186.5	170.6	157.9	152.0	148.2	146.1	144.1	141.3	138.4	135.4	131.6
82.5°	187.8	171.6	158.8	152.5	149.1	147.1	144.7	142.2	138.9	135.9	132.1
85°	188.3	172.6	159.8	153.0	150.0	148.1	145.1	143.2	139.3	136.3	132.5
87.5°	188.7	172.1	159.8	153.5	150.0	148.1	145.6	143.2	139.7	136.8	132.9
90°	189.2	171.6	159.8	153.9	150.0	148.1	146.1	143.2	140.2	137.3	133.4
92.5°	188.7	172.1	159.8	153.5	150.0	148.1	145.6	143.2	139.7	136.8	132.9
95°	188.3	172.6	159.8	153.0	150.0	148.1	145.1	143.2	139.3	136.3	132.5
97.5°	187.8	171.6	158.8	152.5	149.1	147.1	144.7	142.2	138.9	135.9	132.1
100°	186.5	170.6	157.9	152.0	148.2	146.1	144.1	141.3	138.4	135.4	131.6
102.5°	185.0	168.6	157.4	150.5	147.2	145.2	142.8	140.4	137.5	134.1	130.7
105°	183.4	166.9	156.9	149.0	146.2	144.2	141.4	139.3	136.5	132.9	129.6
107.5°	180.8	164.6	154.1	147.1	144.3	142.3	139.5	137.4	134.7	131.5	128.0
110°	178.0	162.2	151.6	145.1	142.4	140.4	137.7	135.5	132.9	129.9	126.3



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	174.7	159.3	148.5	142.7	140.0	137.5	135.6	133.3	130.6	127.7	124.2
115°	171.2	156.3	145.5	140.2	137.5	134.8	133.4	131.1	128.3	125.3	122.0
117.5°	166.8	152.5	142.4	136.8	134.2	131.8	130.2	128.1	125.5	122.7	119.5
120°	162.2	148.7	139.3	133.4	130.8	128.8	127.0	125.0	122.6	119.7	116.7
122.5°	157.0	144.2	135.2	129.5	126.9	125.0	123.4	121.6	119.0	116.1	113.1
125°	151.8	139.7	131.1	125.5	123.1	121.2	119.8	118.1	115.4	112.5	109.7
127.5°	146.3	135.0	126.5	121.1	119.1	117.3	115.7	114.1	111.8	109.1	106.2
130°	140.7	130.1	121.9	116.7	115.1	113.5	111.7	109.8	107.8	105.2	102.3
132.5°	134.0	124.2	116.8	111.8	110.3	108.7	107.0	105.2	103.2	100.8	98.0
135°	127.1	118.4	111.6	106.9	105.4	103.9	102.2	100.4	98.5	96.3	93.7
137.5°	120.5	112.4	106.1	101.5	100.1	98.6	97.1	95.3	93.4	91.5	89.2
140°	114.1	106.3	100.5	96.1	94.8	93.3	91.8	90.1	88.2	86.3	84.2
142.5°	106.5	99.1	94.0	90.2	89.0	87.6	86.1	84.4	82.7	80.8	78.9
145°	98.8	91.8	87.6	84.3	83.1	81.8	80.4	78.8	77.2	75.4	73.6
147.5°	91.6	85.0	81.3	78.0	76.8	75.6	74.2	72.8	71.6	70.1	68.3
150°	84.2	78.1	74.9	71.6	70.5	69.3	68.1	66.7	65.6	64.4	62.6
152.5°	75.9	70.8	67.8	64.8	63.8	62.7	61.7	60.6	59.4	58.0	56.4
155°	67.5	63.4	60.7	57.9	57.0	56.0	55.1	54.3	53.3	51.8	50.3
157.5°	58.6	55.6	53.4	51.0	50.2	49.3	48.4	47.7	46.8	45.6	44.2
160°	49.8	47.9	46.1	44.1	43.4	42.6	41.8	41.1	40.3	39.5	38.2
162.5°	41.6	40.1	38.5	36.8	36.3	35.7	35.1	34.4	33.8	33.0	32.2
165°	33.7	32.3	30.9	29.4	29.1	28.7	28.3	27.8	27.2	26.6	25.9
167.5°	26.6	25.5	24.3	23.1	22.7	22.3	21.8	21.3	20.7	20.1	19.5
170°	19.6	18.7	17.7	16.7	16.3	15.9	15.5	15.0	14.5	14.0	13.6
172.5°	13.0	12.3	11.6	10.8	10.7	10.5	10.3	10.0	9.8	9.5	9.2
175°	6.4	5.9	5.4	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7
177.5°	3.2	3.0	2.7	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7
5°	4.6	4.5	4.4	4.3	4.2	4.1	3.9	3.7	3.5	3.4	3.2
7.5°	8.9	8.5	8.2	7.8	7.4	6.9	6.4	6.0	5.5	5.0	4.5
10°	13.2	12.7	12.2	11.7	11.1	10.7	10.2	9.7	9.2	8.6	8.0
12.5°	18.9	18.1	17.4	16.7	16.0	15.3	14.5	13.7	12.8	12.0	11.2
15°	25.1	24.3	23.4	22.5	21.6	20.4	19.2	17.9	16.7	15.5	14.2
17.5°	31.2	30.1	29.0	27.7	26.3	24.8	23.3	22.0	20.7	19.3	17.9
20°	36.9	35.6	34.3	32.9	31.4	29.8	28.2	26.6	24.9	23.2	21.7
22.5°	42.7	41.3	40.0	38.5	36.7	34.8	33.0	31.3	29.5	27.6	25.6
25°	48.7	47.1	45.5	43.8	41.9	40.0	38.1	36.1	33.8	31.5	29.3
27.5°	54.6	52.8	51.2	49.5	47.4	45.1	42.9	40.5	37.9	35.5	33.2
30°	60.7	58.8	56.9	54.7	52.4	50.0	47.5	44.9	42.3	39.7	37.0
32.5°	66.4	64.4	62.3	60.0	57.5	54.9	52.2	49.2	46.3	43.5	40.6
35°	71.6	69.4	67.2	64.8	62.2	59.5	56.4	53.3	50.4	47.4	44.2
37.5°	76.8	74.5	72.2	69.3	66.4	63.6	60.6	57.5	54.5	51.4	47.9
40°	82.0	79.3	76.7	73.8	70.9	68.1	64.6	61.4	58.4	54.9	51.0
42.5°	86.7	83.8	81.4	78.5	75.3	72.0	68.5	65.4	61.9	58.1	54.3
45°	90.8	88.1	85.8	82.6	79.3	76.0	72.5	68.9	65.2	61.3	57.4
47.5°	95.0	92.5	89.8	86.5	83.1	79.5	75.8	72.2	68.5	64.5	60.1
50°	99.3	96.5	93.4	90.1	86.7	82.7	78.9	75.1	71.1	67.0	62.7
52.5°	103.3	100.3	97.1	93.3	89.6	85.8	81.9	77.8	73.7	69.7	65.2
55°	106.7	103.6	100.3	96.2	92.8	88.9	84.7	80.3	76.5	72.1	67.4
57.5°	110.0	106.9	103.4	99.4	96.1	91.8	87.4	83.1	79.1	73.9	69.2
60°	113.0	109.8	106.1	102.3	98.6	94.5	90.3	85.3	80.7	75.8	71.1
62.5°	115.7	112.7	108.8	104.7	100.6	96.5	92.1	87.1	82.7	77.6	72.8
65°	118.3	115.1	111.1	107.0	102.9	98.6	93.9	89.1	84.5	79.2	74.4
67.5°	120.7	117.4	113.4	109.4	105.2	100.3	95.8	91.0	86.1	80.9	75.6
70°	122.9	119.4	115.1	110.8	106.6	101.8	97.7	92.7	87.6	82.3	77.0
72.5°	124.7	121.0	116.7	112.2	107.9	103.2	98.9	93.8	88.7	83.2	78.2
75°	126.0	122.2	118.0	113.6	109.1	104.5	99.9	94.8	89.4	83.9	78.6
77.5°	127.0	123.1	119.2	114.5	110.3	105.7	100.8	95.3	89.9	84.4	78.9
80°	127.7	123.8	119.8	115.1	111.0	106.3	100.9	95.5	90.4	84.8	79.4
82.5°	128.5	124.2	120.3	115.5	111.5	106.7	101.0	96.0	91.1	85.3	79.4
85°	129.4	124.6	120.7	115.8	111.8	107.0	101.1	96.2	91.3	85.4	79.5
87.5°	129.4	124.5	120.6	116.2	111.9	107.0	101.5	96.2	91.3	85.4	79.5
90°	129.4	124.5	120.6	116.7	111.8	106.9	102.0	96.1	91.2	85.3	79.4
92.5°	129.4	124.5	120.6	116.2	111.9	107.0	101.5	96.2	91.3	85.4	79.5
95°	129.4	124.6	120.7	115.8	111.8	107.0	101.1	96.2	91.3	85.4	79.5
97.5°	128.5	124.2	120.3	115.5	111.5	106.7	101.0	96.0	91.1	85.3	79.4
100°	127.7	123.8	119.8	115.1	111.0	106.3	100.9	95.5	90.4	84.8	79.4
102.5°	127.0	123.1	119.2	114.5	110.3	105.7	100.8	95.3	89.9	84.4	78.9
105°	126.0	122.2	118.0	113.6	109.1	104.5	99.9	94.8	89.4	83.9	78.6
107.5°	124.7	121.0	116.7	112.2	107.9	103.2	98.9	93.8	88.7	83.2	78.2
110°	122.9	119.4	115.1	110.8	106.6	101.8	97.7	92.7	87.6	82.3	77.0



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	120.7	117.4	113.4	109.4	105.2	100.3	95.8	91.0	86.1	80.9	75.6
115°	118.3	115.1	111.1	107.0	102.9	98.6	93.9	89.1	84.5	79.2	74.4
117.5°	115.7	112.7	108.8	104.7	100.6	96.5	92.1	87.1	82.7	77.6	72.8
120°	113.0	109.8	106.1	102.3	98.6	94.5	90.3	85.3	80.7	75.8	71.1
122.5°	110.0	106.9	103.4	99.4	96.1	91.8	87.4	83.1	79.1	73.9	69.2
125°	106.7	103.6	100.3	96.2	92.8	88.9	84.7	80.3	76.5	72.1	67.4
127.5°	103.3	100.3	97.1	93.3	89.6	85.8	81.9	77.8	73.7	69.7	65.2
130°	99.3	96.5	93.4	90.1	86.7	82.7	78.9	75.1	71.1	67.0	62.7
132.5°	95.0	92.5	89.8	86.5	83.1	79.5	75.8	72.2	68.5	64.5	60.1
135°	90.8	88.1	85.8	82.6	79.3	76.0	72.5	68.9	65.2	61.3	57.4
137.5°	86.7	83.8	81.4	78.5	75.3	72.0	68.5	65.4	61.9	58.1	54.3
140°	82.0	79.3	76.7	73.8	70.9	68.1	64.6	61.4	58.4	54.9	51.0
142.5°	76.8	74.5	72.2	69.3	66.4	63.6	60.6	57.5	54.5	51.4	47.9
145°	71.6	69.4	67.2	64.8	62.2	59.5	56.4	53.3	50.4	47.4	44.2
147.5°	66.4	64.4	62.3	60.0	57.5	54.9	52.2	49.2	46.3	43.5	40.6
150°	60.7	58.8	56.9	54.7	52.4	50.0	47.5	44.9	42.3	39.7	37.0
152.5°	54.6	52.8	51.2	49.5	47.4	45.1	42.9	40.5	37.9	35.5	33.2
155°	48.7	47.1	45.5	43.8	41.9	40.0	38.1	36.1	33.8	31.5	29.3
157.5°	42.7	41.3	40.0	38.5	36.7	34.8	33.0	31.3	29.5	27.6	25.6
160°	36.9	35.6	34.3	32.9	31.4	29.8	28.2	26.6	24.9	23.2	21.7
162.5°	31.2	30.1	29.0	27.7	26.3	24.8	23.3	22.0	20.7	19.3	17.9
165°	25.1	24.3	23.4	22.5	21.6	20.4	19.2	17.9	16.7	15.5	14.2
167.5°	18.9	18.1	17.4	16.7	16.0	15.3	14.5	13.7	12.8	12.0	11.2
170°	13.2	12.7	12.2	11.7	11.1	10.7	10.2	9.7	9.2	8.6	8.0
172.5°	8.9	8.5	8.2	7.8	7.4	6.9	6.4	6.0	5.5	5.0	4.5
175°	4.6	4.5	4.4	4.3	4.2	4.1	3.9	3.7	3.5	3.4	3.2
177.5°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	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: P232037

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

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
5°	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.6	1.4	1.2
7.5°	3.9	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.2	2.0	1.8
10°	7.4	6.8	6.1	5.4	4.7	3.9	3.6	3.3	3.0	2.7	2.4
12.5°	10.3	9.5	8.7	7.8	6.9	5.9	5.0	4.0	3.2	2.8	2.4
15°	13.0	11.8	10.7	9.6	8.6	7.6	6.6	5.5	4.4	3.3	2.7
17.5°	16.5	15.1	13.7	12.4	11.1	9.9	8.6	7.2	5.8	4.4	3.0
20°	20.1	18.6	16.9	15.2	13.4	11.6	9.9	8.4	6.9	5.5	4.0
22.5°	23.6	21.6	19.7	17.8	15.8	13.7	11.7	9.6	8.0	6.5	5.0
25°	27.2	25.0	22.8	20.4	18.2	16.0	13.6	11.3	9.0	7.5	6.1
27.5°	31.0	28.4	25.8	23.3	20.8	18.3	15.9	13.6	11.2	8.5	6.8
30°	34.2	31.3	28.7	26.1	23.4	20.5	17.5	14.8	12.2	9.7	7.3
32.5°	37.6	34.7	31.8	28.6	25.5	22.3	19.2	16.0	13.5	10.8	8.1
35°	40.9	37.7	34.4	31.1	27.7	24.3	21.2	18.1	14.9	12.0	9.1
37.5°	44.2	40.7	37.2	33.7	30.2	26.8	23.4	19.9	16.5	13.3	10.3
40°	47.4	43.9	40.1	36.3	32.6	28.9	25.1	21.3	17.6	13.8	10.5
42.5°	50.7	46.7	42.5	38.6	34.8	30.7	26.5	22.5	18.6	14.9	11.3
45°	53.3	49.1	44.8	40.6	36.6	32.2	28.0	23.9	19.7	15.6	11.6
47.5°	55.9	51.7	47.4	43.1	38.7	34.2	29.8	25.5	21.0	16.4	12.4
50°	58.5	54.0	49.6	44.8	40.1	35.7	31.1	26.5	21.8	17.1	12.8
52.5°	60.7	55.9	51.1	46.3	41.8	37.1	32.3	27.5	22.4	17.5	13.2
55°	62.7	57.7	52.9	48.4	43.4	38.6	33.4	28.3	22.9	17.8	13.5
57.5°	64.5	59.8	54.8	49.9	44.8	39.5	34.1	28.6	23.4	18.6	13.8
60°	66.5	61.2	56.3	51.4	46.1	40.6	35.1	29.2	23.8	18.9	14.0
62.5°	67.9	62.5	57.7	52.4	47.1	41.4	35.4	29.7	24.1	18.8	14.4
65°	69.2	63.8	58.5	53.1	48.1	42.1	35.9	30.1	24.1	18.7	14.2
67.5°	70.3	65.0	59.4	53.8	48.5	43.1	37.0	30.3	24.2	18.9	14.2
70°	71.4	66.0	60.6	54.8	48.9	43.3	37.1	30.6	24.2	18.5	13.7
72.5°	72.3	66.9	61.2	55.5	49.6	43.9	37.3	30.5	24.3	18.7	13.9
75°	72.7	67.5	61.5	56.3	49.6	44.3	38.1	30.9	24.2	18.4	12.8
77.5°	73.4	67.8	61.9	56.0	49.6	44.0	37.8	31.4	24.1	17.8	12.5
80°	73.9	68.0	62.0	56.0	50.0	43.9	37.8	31.5	24.5	17.8	11.9
82.5°	73.6	67.8	61.9	56.0	49.9	43.5	37.3	31.4	25.0	18.0	12.0
85°	73.6	67.8	61.8	55.7	49.1	43.1	37.1	30.6	24.7	18.4	11.5
87.5°	73.6	67.8	61.8	55.7	49.1	43.1	37.1	30.6	24.7	18.4	11.5
90°	73.5	67.7	61.8	54.9	49.0	43.1	36.3	29.4	23.5	17.6	10.8
92.5°	73.6	67.9	62.0	55.1	49.2	43.3	37.5	30.5	23.8	18.0	12.2
95°	73.6	67.8	61.8	55.7	49.1	43.1	37.1	30.6	24.7	18.4	11.5
97.5°	73.6	67.8	61.9	56.0	49.9	43.5	37.3	31.4	25.0	18.0	12.0
100°	73.9	68.0	62.0	56.0	50.0	43.9	37.8	31.5	24.5	17.8	11.9
102.5°	73.4	67.8	61.9	56.0	49.6	44.0	37.8	31.4	24.1	17.8	12.5
105°	72.7	67.5	61.5	56.3	49.6	44.3	38.1	30.9	24.2	18.4	12.8
107.5°	72.3	66.9	61.2	55.5	49.6	43.9	37.3	30.5	24.3	18.7	13.9
110°	71.4	66.0	60.6	54.8	48.9	43.3	37.1	30.6	24.2	18.5	13.7





TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	70.3	65.0	59.4	53.8	48.5	43.1	37.0	30.3	24.2	18.9	14.2
115°	69.2	63.8	58.5	53.1	48.1	42.1	35.9	30.1	24.1	18.7	14.2
117.5°	67.9	62.5	57.7	52.4	47.1	41.4	35.4	29.7	24.1	18.8	14.4
120°	66.5	61.2	56.3	51.4	46.1	40.6	35.1	29.2	23.8	18.9	14.0
122.5°	64.5	59.8	54.8	49.9	44.8	39.5	34.1	28.6	23.4	18.6	13.8
125°	62.7	57.7	52.9	48.4	43.4	38.6	33.4	28.3	22.9	17.8	13.5
127.5°	60.7	55.9	51.1	46.3	41.8	37.1	32.3	27.5	22.4	17.5	13.2
130°	58.5	54.0	49.6	44.8	40.1	35.7	31.1	26.5	21.8	17.1	12.8
132.5°	55.9	51.7	47.4	43.1	38.7	34.2	29.8	25.5	21.0	16.4	12.4
135°	53.3	49.1	44.8	40.6	36.6	32.2	28.0	23.9	19.7	15.6	11.6
137.5°	50.7	46.7	42.5	38.6	34.8	30.7	26.5	22.5	18.6	14.9	11.3
140°	47.4	43.9	40.1	36.3	32.6	28.9	25.1	21.3	17.6	13.8	10.5
142.5°	44.2	40.7	37.2	33.7	30.2	26.8	23.4	19.9	16.5	13.3	10.3
145°	40.9	37.7	34.4	31.1	27.7	24.3	21.2	18.1	14.9	12.0	9.1
147.5°	37.6	34.7	31.8	28.6	25.5	22.3	19.2	16.0	13.5	10.8	8.1
150°	34.2	31.3	28.7	26.1	23.4	20.5	17.5	14.8	12.2	9.7	7.3
152.5°	31.0	28.4	25.8	23.3	20.8	18.3	15.9	13.6	11.2	8.5	6.8
155°	27.2	25.0	22.8	20.4	18.2	16.0	13.6	11.3	9.0	7.5	6.1
157.5°	23.6	21.6	19.7	17.8	15.8	13.7	11.7	9.6	8.0	6.5	5.0
160°	20.1	18.6	16.9	15.2	13.4	11.6	9.9	8.4	6.9	5.5	4.0
162.5°	16.5	15.1	13.7	12.4	11.1	9.9	8.6	7.2	5.8	4.4	3.0
165°	13.0	11.8	10.7	9.6	8.6	7.6	6.6	5.5	4.4	3.3	2.7
167.5°	10.3	9.5	8.7	7.8	6.9	5.9	5.0	4.0	3.2	2.8	2.4
170°	7.4	6.8	6.1	5.4	4.7	3.9	3.6	3.3	3.0	2.7	2.4
172.5°	3.9	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.2	2.0	1.8
175°	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.6	1.4	1.2
177.5°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
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: P232037

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.0	0.9	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
7.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
10°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
12.5°	2.0	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
15°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
17.5°	2.1	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
20°	2.6	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
22.5°	3.6	2.2	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
25°	4.6	3.0	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
27.5°	5.0	3.2	1.4	0.9	0.5	0.3	0.0	0.3	0.5	0.9	1.4
30°	5.4	3.6	1.9	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.9
32.5°	5.7	4.0	2.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.3
35°	6.4	4.5	2.9	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.9
37.5°	7.3	4.8	3.2	1.6	0.8	0.4	0.0	0.4	0.8	1.6	3.2
40°	7.7	4.8	3.1	1.8	0.8	0.4	0.0	0.4	0.8	1.8	3.1
42.5°	8.0	5.0	2.7	1.2	0.1	0.0	0.0	0.0	0.1	1.2	2.7
45°	8.0	5.3	2.8	1.4	0.0	0.0	0.0	0.0	0.0	1.4	2.8
47.5°	8.7	5.8	3.1	1.4	0.2	0.0	0.0	0.0	0.2	1.4	3.1
50°	9.3	6.1	3.5	1.5	0.4	0.0	0.0	0.0	0.4	1.5	3.5
52.5°	9.5	6.0	3.3	1.2	0.3	0.0	0.0	0.0	0.3	1.2	3.3
55°	9.3	5.7	2.9	1.2	0.4	0.0	0.0	0.0	0.4	1.2	2.9
57.5°	9.4	5.7	2.7	1.4	0.6	0.0	0.0	0.0	0.6	1.4	2.7
60°	9.7	6.1	3.1	1.2	0.1	0.0	0.0	0.0	0.1	1.2	3.1
62.5°	9.9	5.9	3.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1	3.0
65°	9.8	6.0	2.9	1.2	0.1	0.0	0.0	0.0	0.1	1.2	2.9
67.5°	9.7	5.9	2.8	1.2	0.4	0.0	1.0	0.0	0.4	1.2	2.8
70°	9.8	6.0	3.0	1.0	0.2	0.0	1.0	0.0	0.2	1.0	3.0
72.5°	9.0	5.4	2.7	1.1	0.0	0.4	1.0	0.4	0.0	1.1	2.7
75°	8.7	5.1	2.7	0.9	0.0	0.2	1.0	0.2	0.0	0.9	2.7
77.5°	8.7	4.9	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.3
80°	7.8	4.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
82.5°	6.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	6.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.8	4.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
102.5°	8.7	4.9	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.3
105°	8.7	5.1	2.7	0.9	0.0	0.2	1.0	0.2	0.0	0.9	2.7
107.5°	9.0	5.4	2.7	1.1	0.0	0.4	1.0	0.4	0.0	1.1	2.7
110°	9.8	6.0	3.0	1.0	0.2	0.0	1.0	0.0	0.2	1.0	3.0



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	9.7	5.9	2.8	1.2	0.4	0.0	1.0	0.0	0.4	1.2	2.8
115°	9.8	6.0	2.9	1.2	0.1	0.0	0.0	0.0	0.1	1.2	2.9
117.5°	9.9	5.9	3.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1	3.0
120°	9.7	6.1	3.1	1.2	0.1	0.0	0.0	0.0	0.1	1.2	3.1
122.5°	9.4	5.7	2.7	1.4	0.6	0.0	0.0	0.0	0.6	1.4	2.7
125°	9.3	5.7	2.9	1.2	0.4	0.0	0.0	0.0	0.4	1.2	2.9
127.5°	9.5	6.0	3.3	1.2	0.3	0.0	0.0	0.0	0.3	1.2	3.3
130°	9.3	6.1	3.5	1.5	0.4	0.0	0.0	0.0	0.4	1.5	3.5
132.5°	8.7	5.8	3.1	1.4	0.2	0.0	0.0	0.0	0.2	1.4	3.1
135°	8.0	5.3	2.8	1.4	0.0	0.0	0.0	0.0	0.0	1.4	2.8
137.5°	8.0	5.0	2.7	1.2	0.1	0.0	0.0	0.0	0.1	1.2	2.7
140°	7.7	4.8	3.1	1.8	0.8	0.4	0.0	0.4	0.8	1.8	3.1
142.5°	7.3	4.8	3.2	1.6	0.8	0.4	0.0	0.4	0.8	1.6	3.2
145°	6.4	4.5	2.9	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.9
147.5°	5.7	4.0	2.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.3
150°	5.4	3.6	1.9	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.9
152.5°	5.0	3.2	1.4	0.9	0.5	0.3	0.0	0.3	0.5	0.9	1.4
155°	4.6	3.0	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
157.5°	3.6	2.2	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
160°	2.6	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
162.5°	2.1	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
165°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
167.5°	2.0	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
170°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
172.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
175°	1.0	0.9	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
177.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
5°	0.9	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.3	2.4	2.6
7.5°	1.3	1.5	1.8	2.0	2.2	2.5	2.7	2.9	3.2	3.4	3.6
10°	1.7	2.0	2.4	2.7	3.0	3.3	3.6	3.9	4.7	5.4	6.1
12.5°	1.7	2.0	2.4	2.8	3.2	4.0	5.0	5.9	6.9	7.8	8.7
15°	1.9	2.3	2.7	3.3	4.4	5.5	6.6	7.6	8.6	9.6	10.7
17.5°	1.7	2.1	3.0	4.4	5.8	7.2	8.6	9.9	11.1	12.4	13.7
20°	1.8	2.6	4.0	5.5	6.9	8.4	9.9	11.6	13.4	15.2	16.9
22.5°	2.2	3.6	5.0	6.5	8.0	9.6	11.7	13.7	15.8	17.8	19.7
25°	3.0	4.6	6.1	7.5	9.0	11.3	13.6	16.0	18.2	20.4	22.8
27.5°	3.2	5.0	6.8	8.5	11.2	13.6	15.9	18.3	20.8	23.3	25.8
30°	3.6	5.4	7.3	9.7	12.2	14.8	17.5	20.5	23.4	26.1	28.7
32.5°	4.0	5.7	8.1	10.8	13.5	16.0	19.2	22.3	25.5	28.6	31.8
35°	4.5	6.4	9.1	12.0	14.9	18.1	21.2	24.3	27.7	31.1	34.4
37.5°	4.8	7.3	10.3	13.3	16.5	19.9	23.4	26.8	30.2	33.7	37.2
40°	4.8	7.7	10.5	13.8	17.6	21.3	25.1	28.9	32.6	36.3	40.1
42.5°	5.0	8.0	11.3	14.9	18.6	22.5	26.5	30.7	34.8	38.6	42.5
45°	5.3	8.0	11.6	15.6	19.7	23.9	28.0	32.2	36.6	40.6	44.8
47.5°	5.8	8.7	12.4	16.4	21.0	25.5	29.8	34.2	38.7	43.1	47.4
50°	6.1	9.3	12.8	17.1	21.8	26.5	31.1	35.7	40.1	44.8	49.6
52.5°	6.0	9.5	13.2	17.5	22.4	27.5	32.3	37.1	41.8	46.3	51.1
55°	5.7	9.3	13.5	17.8	22.9	28.3	33.4	38.6	43.4	48.4	52.9
57.5°	5.7	9.4	13.8	18.6	23.4	28.6	34.1	39.5	44.8	49.9	54.8
60°	6.1	9.7	14.0	18.9	23.8	29.2	35.1	40.6	46.1	51.4	56.3
62.5°	5.9	9.9	14.4	18.8	24.1	29.7	35.4	41.4	47.1	52.4	57.7
65°	6.0	9.8	14.2	18.7	24.1	30.1	35.9	42.1	48.1	53.1	58.5
67.5°	5.9	9.7	14.2	18.9	24.2	30.3	37.0	43.1	48.5	53.8	59.4
70°	6.0	9.8	13.7	18.5	24.2	30.6	37.1	43.3	48.9	54.8	60.6
72.5°	5.4	9.0	13.9	18.7	24.3	30.5	37.3	43.9	49.6	55.5	61.2
75°	5.1	8.7	12.8	18.4	24.2	30.9	38.1	44.3	49.6	56.3	61.5
77.5°	4.9	8.7	12.5	17.8	24.1	31.4	37.8	44.0	49.6	56.0	61.9
80°	4.1	7.8	11.9	17.8	24.5	31.5	37.8	43.9	50.0	56.0	62.0
82.5°	2.4	6.9	12.0	18.0	25.0	31.4	37.3	43.5	49.9	56.0	61.9
85°	1.5	6.0	11.5	18.4	24.7	30.6	37.1	43.1	49.1	55.7	61.8
87.5°	0.5	6.4	12.2	18.0	23.8	30.5	37.5	43.3	49.2	55.1	62.0
90°	0.0	5.9	10.8	17.6	23.5	29.4	36.3	43.1	49.0	54.9	61.8
92.5°	0.5	6.4	12.2	18.0	23.8	30.5	37.5	43.3	49.2	55.1	62.0
95°	1.5	6.0	11.5	18.4	24.7	30.6	37.1	43.1	49.1	55.7	61.8
97.5°	2.4	6.9	12.0	18.0	25.0	31.4	37.3	43.5	49.9	56.0	61.9
100°	4.1	7.8	11.9	17.8	24.5	31.5	37.8	43.9	50.0	56.0	62.0
102.5°	4.9	8.7	12.5	17.8	24.1	31.4	37.8	44.0	49.6	56.0	61.9
105°	5.1	8.7	12.8	18.4	24.2	30.9	38.1	44.3	49.6	56.3	61.5
107.5°	5.4	9.0	13.9	18.7	24.3	30.5	37.3	43.9	49.6	55.5	61.2
110°	6.0	9.8	13.7	18.5	24.2	30.6	37.1	43.3	48.9	54.8	60.6



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	5.9	9.7	14.2	18.9	24.2	30.3	37.0	43.1	48.5	53.8	59.4
115°	6.0	9.8	14.2	18.7	24.1	30.1	35.9	42.1	48.1	53.1	58.5
117.5°	5.9	9.9	14.4	18.8	24.1	29.7	35.4	41.4	47.1	52.4	57.7
120°	6.1	9.7	14.0	18.9	23.8	29.2	35.1	40.6	46.1	51.4	56.3
122.5°	5.7	9.4	13.8	18.6	23.4	28.6	34.1	39.5	44.8	49.9	54.8
125°	5.7	9.3	13.5	17.8	22.9	28.3	33.4	38.6	43.4	48.4	52.9
127.5°	6.0	9.5	13.2	17.5	22.4	27.5	32.3	37.1	41.8	46.3	51.1
130°	6.1	9.3	12.8	17.1	21.8	26.5	31.1	35.7	40.1	44.8	49.6
132.5°	5.8	8.7	12.4	16.4	21.0	25.5	29.8	34.2	38.7	43.1	47.4
135°	5.3	8.0	11.6	15.6	19.7	23.9	28.0	32.2	36.6	40.6	44.8
137.5°	5.0	8.0	11.3	14.9	18.6	22.5	26.5	30.7	34.8	38.6	42.5
140°	4.8	7.7	10.5	13.8	17.6	21.3	25.1	28.9	32.6	36.3	40.1
142.5°	4.8	7.3	10.3	13.3	16.5	19.9	23.4	26.8	30.2	33.7	37.2
145°	4.5	6.4	9.1	12.0	14.9	18.1	21.2	24.3	27.7	31.1	34.4
147.5°	4.0	5.7	8.1	10.8	13.5	16.0	19.2	22.3	25.5	28.6	31.8
150°	3.6	5.4	7.3	9.7	12.2	14.8	17.5	20.5	23.4	26.1	28.7
152.5°	3.2	5.0	6.8	8.5	11.2	13.6	15.9	18.3	20.8	23.3	25.8
155°	3.0	4.6	6.1	7.5	9.0	11.3	13.6	16.0	18.2	20.4	22.8
157.5°	2.2	3.6	5.0	6.5	8.0	9.6	11.7	13.7	15.8	17.8	19.7
160°	1.8	2.6	4.0	5.5	6.9	8.4	9.9	11.6	13.4	15.2	16.9
162.5°	1.7	2.1	3.0	4.4	5.8	7.2	8.6	9.9	11.1	12.4	13.7
165°	1.9	2.3	2.7	3.3	4.4	5.5	6.6	7.6	8.6	9.6	10.7
167.5°	1.7	2.0	2.4	2.8	3.2	4.0	5.0	5.9	6.9	7.8	8.7
170°	1.7	2.0	2.4	2.7	3.0	3.3	3.6	3.9	4.7	5.4	6.1
172.5°	1.3	1.5	1.8	2.0	2.2	2.5	2.7	2.9	3.2	3.4	3.6
175°	0.9	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.3	2.4	2.6
177.5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
5°	2.8	3.0	3.2	3.4	3.5	3.7	3.9	4.1	4.2	4.3	4.4
7.5°	3.8	3.9	4.5	5.0	5.5	6.0	6.4	6.9	7.4	7.8	8.2
10°	6.8	7.4	8.0	8.6	9.2	9.7	10.2	10.7	11.1	11.7	12.2
12.5°	9.5	10.3	11.2	12.0	12.8	13.7	14.5	15.3	16.0	16.7	17.4
15°	11.8	13.0	14.2	15.5	16.7	17.9	19.2	20.4	21.6	22.5	23.4
17.5°	15.1	16.5	17.9	19.3	20.7	22.0	23.3	24.8	26.3	27.7	29.0
20°	18.6	20.1	21.7	23.2	24.9	26.6	28.2	29.8	31.4	32.9	34.3
22.5°	21.6	23.6	25.6	27.6	29.5	31.3	33.0	34.8	36.7	38.5	40.0
25°	25.0	27.2	29.3	31.5	33.8	36.1	38.1	40.0	41.9	43.8	45.5
27.5°	28.4	31.0	33.2	35.5	37.9	40.5	42.9	45.1	47.4	49.5	51.2
30°	31.3	34.2	37.0	39.7	42.3	44.9	47.5	50.0	52.4	54.7	56.9
32.5°	34.7	37.6	40.6	43.5	46.3	49.2	52.2	54.9	57.5	60.0	62.3
35°	37.7	40.9	44.2	47.4	50.4	53.3	56.4	59.5	62.2	64.8	67.2
37.5°	40.7	44.2	47.9	51.4	54.5	57.5	60.6	63.6	66.4	69.3	72.2
40°	43.9	47.4	51.0	54.9	58.4	61.4	64.6	68.1	70.9	73.8	76.7
42.5°	46.7	50.7	54.3	58.1	61.9	65.4	68.5	72.0	75.3	78.5	81.4
45°	49.1	53.3	57.4	61.3	65.2	68.9	72.5	76.0	79.3	82.6	85.8
47.5°	51.7	55.9	60.1	64.5	68.5	72.2	75.8	79.5	83.1	86.5	89.8
50°	54.0	58.5	62.7	67.0	71.1	75.1	78.9	82.7	86.7	90.1	93.4
52.5°	55.9	60.7	65.2	69.7	73.7	77.8	81.9	85.8	89.6	93.3	97.1
55°	57.7	62.7	67.4	72.1	76.5	80.3	84.7	88.9	92.8	96.2	100.3
57.5°	59.8	64.5	69.2	73.9	79.1	83.1	87.4	91.8	96.1	99.4	103.4
60°	61.2	66.5	71.1	75.8	80.7	85.3	90.3	94.5	98.6	102.3	106.1
62.5°	62.5	67.9	72.8	77.6	82.7	87.1	92.1	96.5	100.6	104.7	108.8
65°	63.8	69.2	74.4	79.2	84.5	89.1	93.9	98.6	102.9	107.0	111.1
67.5°	65.0	70.3	75.6	80.9	86.1	91.0	95.8	100.3	105.2	109.4	113.4
70°	66.0	71.4	77.0	82.3	87.6	92.7	97.7	101.8	106.6	110.8	115.1
72.5°	66.9	72.3	78.2	83.2	88.7	93.8	98.9	103.2	107.9	112.2	116.7
75°	67.5	72.7	78.6	83.9	89.4	94.8	99.9	104.5	109.1	113.6	118.0
77.5°	67.8	73.4	78.9	84.4	89.9	95.3	100.8	105.7	110.3	114.5	119.2
80°	68.0	73.9	79.4	84.8	90.4	95.5	100.9	106.3	111.0	115.1	119.8
82.5°	67.8	73.6	79.4	85.3	91.1	96.0	101.0	106.7	111.5	115.5	120.3
85°	67.8	73.6	79.5	85.4	91.3	96.2	101.1	107.0	111.8	115.8	120.7
87.5°	67.9	73.6	79.5	85.4	91.3	96.2	101.1	107.0	111.8	115.8	120.7
90°	67.7	73.5	79.4	85.3	91.2	96.1	102.0	106.9	111.8	116.7	120.6
92.5°	67.9	73.6	79.5	85.4	91.3	96.2	101.5	107.0	111.9	116.2	120.6
95°	67.8	73.6	79.5	85.4	91.3	96.2	101.1	107.0	111.8	115.8	120.7
97.5°	67.8	73.6	79.4	85.3	91.1	96.0	101.0	106.7	111.5	115.5	120.3
100°	68.0	73.9	79.4	84.8	90.4	95.5	100.9	106.3	111.0	115.1	119.8
102.5°	67.8	73.4	78.9	84.4	89.9	95.3	100.8	105.7	110.3	114.5	119.2
105°	67.5	72.7	78.6	83.9	89.4	94.8	99.9	104.5	109.1	113.6	118.0
107.5°	66.9	72.3	78.2	83.2	88.7	93.8	98.9	103.2	107.9	112.2	116.7
110°	66.0	71.4	77.0	82.3	87.6	92.7	97.7	101.8	106.6	110.8	115.1



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	65.0	70.3	75.6	80.9	86.1	91.0	95.8	100.3	105.2	109.4	113.4
115°	63.8	69.2	74.4	79.2	84.5	89.1	93.9	98.6	102.9	107.0	111.1
117.5°	62.5	67.9	72.8	77.6	82.7	87.1	92.1	96.5	100.6	104.7	108.8
120°	61.2	66.5	71.1	75.8	80.7	85.3	90.3	94.5	98.6	102.3	106.1
122.5°	59.8	64.5	69.2	73.9	79.1	83.1	87.4	91.8	96.1	99.4	103.4
125°	57.7	62.7	67.4	72.1	76.5	80.3	84.7	88.9	92.8	96.2	100.3
127.5°	55.9	60.7	65.2	69.7	73.7	77.8	81.9	85.8	89.6	93.3	97.1
130°	54.0	58.5	62.7	67.0	71.1	75.1	78.9	82.7	86.7	90.1	93.4
132.5°	51.7	55.9	60.1	64.5	68.5	72.2	75.8	79.5	83.1	86.5	89.8
135°	49.1	53.3	57.4	61.3	65.2	68.9	72.5	76.0	79.3	82.6	85.8
137.5°	46.7	50.7	54.3	58.1	61.9	65.4	68.5	72.0	75.3	78.5	81.4
140°	43.9	47.4	51.0	54.9	58.4	61.4	64.6	68.1	70.9	73.8	76.7
142.5°	40.7	44.2	47.9	51.4	54.5	57.5	60.6	63.6	66.4	69.3	72.2
145°	37.7	40.9	44.2	47.4	50.4	53.3	56.4	59.5	62.2	64.8	67.2
147.5°	34.7	37.6	40.6	43.5	46.3	49.2	52.2	54.9	57.5	60.0	62.3
150°	31.3	34.2	37.0	39.7	42.3	44.9	47.5	50.0	52.4	54.7	56.9
152.5°	28.4	31.0	33.2	35.5	37.9	40.5	42.9	45.1	47.4	49.5	51.2
155°	25.0	27.2	29.3	31.5	33.8	36.1	38.1	40.0	41.9	43.8	45.5
157.5°	21.6	23.6	25.6	27.6	29.5	31.3	33.0	34.8	36.7	38.5	40.0
160°	18.6	20.1	21.7	23.2	24.9	26.6	28.2	29.8	31.4	32.9	34.3
162.5°	15.1	16.5	17.9	19.3	20.7	22.0	23.3	24.8	26.3	27.7	29.0
165°	11.8	13.0	14.2	15.5	16.7	17.9	19.2	20.4	21.6	22.5	23.4
167.5°	9.5	10.3	11.2	12.0	12.8	13.7	14.5	15.3	16.0	16.7	17.4
170°	6.8	7.4	8.0	8.6	9.2	9.7	10.2	10.7	11.1	11.7	12.2
172.5°	3.8	3.9	4.5	5.0	5.5	6.0	6.4	6.9	7.4	7.8	8.2
175°	2.8	3.0	3.2	3.4	3.5	3.7	3.9	4.1	4.2	4.3	4.4
177.5°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
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: P232037

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.7
5°	4.5	4.6	4.7	4.7	4.8	4.8	4.9	4.9	4.9	4.9	5.4
7.5°	8.5	8.9	9.2	9.5	9.8	10.0	10.3	10.5	10.7	10.8	11.6
10°	12.7	13.2	13.6	14.0	14.5	15.0	15.5	15.9	16.3	16.7	17.7
12.5°	18.1	18.9	19.5	20.1	20.7	21.3	21.8	22.3	22.7	23.1	24.3
15°	24.3	25.1	25.9	26.6	27.2	27.8	28.3	28.7	29.1	29.4	30.9
17.5°	30.1	31.2	32.2	33.0	33.8	34.4	35.1	35.7	36.3	36.8	38.5
20°	35.6	36.9	38.2	39.5	40.3	41.1	41.8	42.6	43.4	44.1	46.1
22.5°	41.3	42.7	44.2	45.6	46.8	47.7	48.4	49.3	50.2	51.0	53.4
25°	47.1	48.7	50.3	51.8	53.3	54.3	55.1	56.0	57.0	57.9	60.7
27.5°	52.8	54.6	56.4	58.0	59.4	60.6	61.7	62.7	63.8	64.8	67.8
30°	58.8	60.7	62.6	64.4	65.6	66.7	68.1	69.3	70.5	71.6	74.9
32.5°	64.4	66.4	68.3	70.1	71.6	72.8	74.2	75.6	76.8	78.0	81.3
35°	69.4	71.6	73.6	75.4	77.2	78.8	80.4	81.8	83.1	84.3	87.6
37.5°	74.5	76.8	78.9	80.8	82.7	84.4	86.1	87.6	89.0	90.2	94.0
40°	79.3	82.0	84.2	86.3	88.2	90.1	91.8	93.3	94.8	96.1	100.5
42.5°	83.8	86.7	89.2	91.5	93.4	95.3	97.1	98.6	100.1	101.5	106.1
45°	88.1	90.8	93.7	96.3	98.5	100.4	102.2	103.9	105.4	106.9	111.6
47.5°	92.5	95.0	98.0	100.8	103.2	105.2	107.0	108.7	110.3	111.8	116.8
50°	96.5	99.3	102.3	105.2	107.8	109.8	111.7	113.5	115.1	116.7	121.9
52.5°	100.3	103.3	106.2	109.1	111.8	114.1	115.7	117.3	119.1	121.1	126.5
55°	103.6	106.7	109.7	112.5	115.4	118.1	119.8	121.2	123.1	125.5	131.1
57.5°	106.9	110.0	113.1	116.1	119.0	121.6	123.4	125.0	126.9	129.5	135.2
60°	109.8	113.0	116.7	119.7	122.6	125.0	127.0	128.8	130.8	133.4	139.3
62.5°	112.7	115.7	119.5	122.7	125.5	128.1	130.2	131.8	134.2	136.8	142.4
65°	115.1	118.3	122.0	125.3	128.3	131.1	133.4	134.8	137.5	140.2	145.5
67.5°	117.4	120.7	124.2	127.7	130.6	133.3	135.6	137.5	140.0	142.7	148.5
70°	119.4	122.9	126.3	129.9	132.9	135.5	137.7	140.4	142.4	145.1	151.6
72.5°	121.0	124.7	128.0	131.5	134.7	137.4	139.5	142.3	144.3	147.1	154.1
75°	122.2	126.0	129.6	132.9	136.5	139.3	141.4	144.2	146.2	149.0	156.9
77.5°	123.1	127.0	130.7	134.1	137.5	140.4	142.8	145.2	147.2	150.5	157.4
80°	123.8	127.7	131.6	135.4	138.4	141.3	144.1	146.1	148.2	152.0	157.9
82.5°	124.2	128.5	132.1	135.9	138.9	142.2	144.7	147.1	149.1	152.5	158.8
85°	124.6	129.4	132.5	136.3	139.3	143.2	145.1	148.1	150.0	153.0	159.8
87.5°	124.5	129.4	132.9	136.8	139.7	143.2	145.6	148.1	150.0	153.5	159.8
90°	124.5	129.4	133.4	137.3	140.2	143.2	146.1	148.1	150.0	153.9	159.8
92.5°	124.5	129.4	132.9	136.8	139.7	143.2	145.6	148.1	150.0	153.5	159.8
95°	124.6	129.4	132.5	136.3	139.3	143.2	145.1	148.1	150.0	153.0	159.8
97.5°	124.2	128.5	132.1	135.9	138.9	142.2	144.7	147.1	149.1	152.5	158.8
100°	123.8	127.7	131.6	135.4	138.4	141.3	144.1	146.1	148.2	152.0	157.9
102.5°	123.1	127.0	130.7	134.1	137.5	140.4	142.8	145.2	147.2	150.5	157.4
105°	122.2	126.0	129.6	132.9	136.5	139.3	141.4	144.2	146.2	149.0	156.9
107.5°	121.0	124.7	128.0	131.5	134.7	137.4	139.5	142.3	144.3	147.1	154.1
110°	119.4	122.9	126.3	129.9	132.9	135.5	137.7	140.4	142.4	145.1	151.6





TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	117.4	120.7	124.2	127.7	130.6	133.3	135.6	137.5	140.0	142.7	148.5
115°	115.1	118.3	122.0	125.3	128.3	131.1	133.4	134.8	137.5	140.2	145.5
117.5°	112.7	115.7	119.5	122.7	125.5	128.1	130.2	131.8	134.2	136.8	142.4
120°	109.8	113.0	116.7	119.7	122.6	125.0	127.0	128.8	130.8	133.4	139.3
122.5°	106.9	110.0	113.1	116.1	119.0	121.6	123.4	125.0	126.9	129.5	135.2
125°	103.6	106.7	109.7	112.5	115.4	118.1	119.8	121.2	123.1	125.5	131.1
127.5°	100.3	103.3	106.2	109.1	111.8	114.1	115.7	117.3	119.1	121.1	126.5
130°	96.5	99.3	102.3	105.2	107.8	109.8	111.7	113.5	115.1	116.7	121.9
132.5°	92.5	95.0	98.0	100.8	103.2	105.2	107.0	108.7	110.3	111.8	116.8
135°	88.1	90.8	93.7	96.3	98.5	100.4	102.2	103.9	105.4	106.9	111.6
137.5°	83.8	86.7	89.2	91.5	93.4	95.3	97.1	98.6	100.1	101.5	106.1
140°	79.3	82.0	84.2	86.3	88.2	90.1	91.8	93.3	94.8	96.1	100.5
142.5°	74.5	76.8	78.9	80.8	82.7	84.4	86.1	87.6	89.0	90.2	94.0
145°	69.4	71.6	73.6	75.4	77.2	78.8	80.4	81.8	83.1	84.3	87.6
147.5°	64.4	66.4	68.3	70.1	71.6	72.8	74.2	75.6	76.8	78.0	81.3
150°	58.8	60.7	62.6	64.4	65.6	66.7	68.1	69.3	70.5	71.6	74.9
152.5°	52.8	54.6	56.4	58.0	59.4	60.6	61.7	62.7	63.8	64.8	67.8
155°	47.1	48.7	50.3	51.8	53.3	54.3	55.1	56.0	57.0	57.9	60.7
157.5°	41.3	42.7	44.2	45.6	46.8	47.7	48.4	49.3	50.2	51.0	53.4
160°	35.6	36.9	38.2	39.5	40.3	41.1	41.8	42.6	43.4	44.1	46.1
162.5°	30.1	31.2	32.2	33.0	33.8	34.4	35.1	35.7	36.3	36.8	38.5
165°	24.3	25.1	25.9	26.6	27.2	27.8	28.3	28.7	29.1	29.4	30.9
167.5°	18.1	18.9	19.5	20.1	20.7	21.3	21.8	22.3	22.7	23.1	24.3
170°	12.7	13.2	13.6	14.0	14.5	15.0	15.5	15.9	16.3	16.7	17.7
172.5°	8.5	8.9	9.2	9.5	9.8	10.0	10.3	10.5	10.7	10.8	11.6
175°	4.5	4.6	4.7	4.7	4.8	4.8	4.9	4.9	4.9	4.9	5.4
177.5°	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.7
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: P232037

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1
5°	5.9	6.4	6.9	7.3	7.8	8.2	8.6	9.0	9.4	9.8	10.1
7.5°	12.3	13.0	13.6	14.2	14.8	15.3	16.0	17.3	18.6	19.8	21.0
10°	18.7	19.6	20.4	21.2	22.2	24.1	25.8	27.6	29.2	30.8	32.5
12.5°	25.5	26.6	27.7	29.2	31.6	34.0	36.2	38.3	40.9	43.8	46.6
15°	32.3	33.7	35.2	38.3	41.4	44.3	47.2	50.9	54.5	57.9	61.7
17.5°	40.1	41.6	44.4	47.9	51.2	54.8	59.5	63.9	68.0	72.8	77.8
20°	47.9	49.8	53.5	57.1	60.8	66.6	72.1	77.4	83.0	88.4	93.8
22.5°	55.6	58.6	62.9	66.9	72.7	79.1	85.3	91.5	97.3	103.3	110.4
25°	63.4	67.5	72.4	77.7	84.7	91.6	98.8	105.8	112.8	120.3	127.8
27.5°	70.8	75.9	81.3	88.1	95.5	103.4	111.8	120.0	128.2	136.1	144.6
30°	78.1	84.2	90.2	97.8	105.9	114.9	124.2	133.9	143.3	152.4	161.5
32.5°	85.0	91.6	98.6	107.1	116.2	126.6	137.2	148.2	158.4	167.7	177.4
35°	91.8	98.8	107.1	116.4	127.2	139.0	150.0	161.4	172.1	182.6	193.5
37.5°	99.1	106.5	115.8	125.9	137.9	149.9	162.1	174.2	186.8	198.3	210.0
40°	106.3	114.1	124.6	135.8	148.1	160.8	173.5	186.4	199.5	212.8	225.1
42.5°	112.4	120.5	132.0	144.4	157.5	171.3	184.9	198.6	212.5	226.2	239.3
45°	118.4	127.1	139.2	152.5	166.8	182.0	196.2	210.7	225.7	239.8	253.6
47.5°	124.2	134.0	146.2	160.6	176.0	192.0	206.6	222.9	238.6	253.9	267.4
50°	130.1	140.7	153.3	168.5	184.7	200.6	215.8	233.3	249.4	264.9	280.1
52.5°	135.0	146.3	160.0	175.6	192.9	208.9	225.3	243.2	259.7	275.9	291.6
55°	139.7	151.8	166.4	182.4	200.8	217.1	234.7	252.8	270.2	286.8	303.3
57.5°	144.2	157.0	172.3	189.1	208.0	225.1	243.4	262.2	280.3	297.7	315.3
60°	148.7	162.2	178.0	195.6	214.6	233.0	251.4	270.6	289.0	307.1	324.7
62.5°	152.5	166.8	183.0	201.1	220.6	239.8	258.6	278.6	296.9	315.7	333.7
65°	156.3	171.2	187.6	206.3	226.0	245.5	265.4	285.7	303.9	323.5	341.8
67.5°	159.3	174.7	191.8	210.9	230.6	250.8	271.6	291.9	310.8	330.5	348.7
70°	162.2	178.0	195.9	214.9	234.7	255.7	276.9	297.5	317.5	336.9	354.9
72.5°	164.6	180.8	198.4	218.5	239.0	260.3	281.4	302.7	323.2	342.4	360.7
75°	166.9	183.4	200.5	222.1	243.1	264.5	284.9	307.0	327.4	346.7	365.8
77.5°	168.6	185.0	202.6	224.6	245.4	267.8	288.4	310.7	330.6	350.4	370.2
80°	170.6	186.5	204.7	226.7	247.1	270.6	291.9	313.4	332.9	353.5	373.2
82.5°	171.6	187.8	207.3	228.0	249.3	272.5	293.3	315.6	335.5	356.4	375.8
85°	172.6	188.3	208.9	229.4	251.9	274.5	294.3	318.5	338.2	358.7	378.2
87.5°	172.1	188.7	207.9	229.4	251.5	275.0	294.6	317.8	338.9	359.9	378.7
90°	171.6	189.2	206.9	229.4	251.0	275.5	295.1	316.7	338.3	359.9	377.5
92.5°	172.1	188.7	207.9	229.4	251.5	275.0	294.6	317.8	338.9	359.9	378.7
95°	172.6	188.3	208.9	229.4	251.9	274.5	294.3	318.5	338.2	358.7	378.2
97.5°	171.6	187.8	207.3	228.0	249.3	272.5	293.3	315.6	335.5	356.4	375.8
100°	170.6	186.5	204.7	226.7	247.1	270.6	291.9	313.4	332.9	353.5	373.2
102.5°	168.6	185.0	202.6	224.6	245.4	267.8	288.4	310.7	330.6	350.4	370.2
105°	166.9	183.4	200.5	222.1	243.1	264.5	284.9	307.0	327.4	346.7	365.8
107.5°	164.6	180.8	198.4	218.5	239.0	260.3	281.4	302.7	323.2	342.4	360.7
110°	162.2	178.0	195.9	214.9	234.7	255.7	276.9	297.5	317.5	336.9	354.9



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	159.3	174.7	191.8	210.9	230.6	250.8	271.6	291.9	310.8	330.5	348.7
115°	156.3	171.2	187.6	206.3	226.0	245.5	265.4	285.7	303.9	323.5	341.8
117.5°	152.5	166.8	183.0	201.1	220.6	239.8	258.6	278.6	296.9	315.7	333.7
120°	148.7	162.2	178.0	195.6	214.6	233.0	251.4	270.6	289.0	307.1	324.7
122.5°	144.2	157.0	172.3	189.1	208.0	225.1	243.4	262.2	280.3	297.7	315.3
125°	139.7	151.8	166.4	182.4	200.8	217.1	234.7	252.8	270.2	286.8	303.3
127.5°	135.0	146.3	160.0	175.6	192.9	208.9	225.3	243.2	259.7	275.9	291.6
130°	130.1	140.7	153.3	168.5	184.7	200.6	215.8	233.3	249.4	264.9	280.1
132.5°	124.2	134.0	146.2	160.6	176.0	192.0	206.6	222.9	238.6	253.9	267.4
135°	118.4	127.1	139.2	152.5	166.8	182.0	196.2	210.7	225.7	239.8	253.6
137.5°	112.4	120.5	132.0	144.4	157.5	171.3	184.9	198.6	212.5	226.2	239.3
140°	106.3	114.1	124.6	135.8	148.1	160.8	173.5	186.4	199.5	212.8	225.1
142.5°	99.1	106.5	115.8	125.9	137.9	149.9	162.1	174.2	186.8	198.3	210.0
145°	91.8	98.8	107.1	116.4	127.2	139.0	150.0	161.4	172.1	182.6	193.5
147.5°	85.0	91.6	98.6	107.1	116.2	126.6	137.2	148.2	158.4	167.7	177.4
150°	78.1	84.2	90.2	97.8	105.9	114.9	124.2	133.9	143.3	152.4	161.5
152.5°	70.8	75.9	81.3	88.1	95.5	103.4	111.8	120.0	128.2	136.1	144.6
155°	63.4	67.5	72.4	77.7	84.7	91.6	98.8	105.8	112.8	120.3	127.8
157.5°	55.6	58.6	62.9	66.9	72.7	79.1	85.3	91.5	97.3	103.3	110.4
160°	47.9	49.8	53.5	57.1	60.8	66.6	72.1	77.4	83.0	88.4	93.8
162.5°	40.1	41.6	44.4	47.9	51.2	54.8	59.5	63.9	68.0	72.8	77.8
165°	32.3	33.7	35.2	38.3	41.4	44.3	47.2	50.9	54.5	57.9	61.7
167.5°	25.5	26.6	27.7	29.2	31.6	34.0	36.2	38.3	40.9	43.8	46.6
170°	18.7	19.6	20.4	21.2	22.2	24.1	25.8	27.6	29.2	30.8	32.5
172.5°	12.3	13.0	13.6	14.2	14.8	15.3	16.0	17.3	18.6	19.8	21.0
175°	5.9	6.4	6.9	7.3	7.8	8.2	8.6	9.0	9.4	9.8	10.1
177.5°	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.2	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3
5°	11.0	11.9	12.7	13.4	14.1	14.8	15.4	16.0	16.5	16.9	17.3
7.5°	22.1	23.2	24.2	25.1	26.1	27.3	28.2	29.5	30.6	31.7	32.6
10°	34.6	36.7	38.7	40.6	42.3	43.9	45.4	46.9	48.5	50.0	51.4
12.5°	49.3	51.9	54.4	57.2	59.8	62.3	64.7	66.9	69.0	71.1	73.0
15°	65.2	68.9	72.4	75.6	78.6	81.9	85.0	88.1	91.0	93.6	95.8
17.5°	82.6	87.7	91.2	95.3	99.2	103.0	106.7	110.0	113.0	115.6	118.1
20°	99.4	104.8	109.8	114.4	119.2	124.0	128.3	132.2	135.9	139.3	142.4
22.5°	117.2	123.5	129.2	134.8	140.4	145.6	150.5	155.1	159.4	163.5	167.1
25°	135.0	141.8	149.0	154.7	161.1	167.0	172.6	177.9	183.0	187.6	191.3
27.5°	152.9	160.6	168.0	175.1	181.7	187.8	194.8	200.0	205.5	210.4	214.4
30°	170.5	179.2	187.3	194.9	202.1	209.1	216.0	222.6	227.9	232.7	237.7
32.5°	187.2	196.7	205.8	214.3	222.3	230.0	237.1	243.6	249.5	255.1	260.3
35°	204.0	214.4	224.4	233.8	242.5	250.3	257.9	265.0	271.8	277.6	282.5
37.5°	220.9	231.9	242.9	253.0	261.9	270.3	278.4	285.9	292.3	299.1	303.6
40°	236.9	249.2	260.4	270.3	279.9	289.3	297.7	305.0	312.3	318.9	324.7
42.5°	252.5	265.2	276.2	286.8	297.1	306.7	315.5	324.3	333.3	339.0	345.3
45°	267.4	279.6	291.7	303.6	314.0	324.1	333.9	342.9	350.5	357.5	363.3
47.5°	281.0	293.9	307.4	319.7	330.1	340.8	350.8	359.2	367.7	375.3	381.8
50°	294.3	308.0	321.5	333.6	345.3	356.5	366.6	375.9	385.9	392.8	399.6
52.5°	306.9	321.5	334.7	347.6	360.8	371.4	381.9	392.1	400.4	408.6	416.1
55°	319.4	334.5	348.5	361.0	373.6	385.6	396.0	405.9	415.2	423.9	431.3
57.5°	330.7	345.6	359.7	373.4	386.2	397.9	409.1	419.7	429.2	437.8	445.4
60°	340.9	356.0	370.7	384.6	397.6	409.8	421.6	432.3	442.0	450.9	458.5
62.5°	350.1	365.5	380.9	395.1	408.7	421.4	433.3	444.2	453.7	462.4	471.1
65°	358.3	374.5	389.8	404.3	418.7	432.0	443.9	454.6	464.3	473.3	482.6
67.5°	365.7	382.1	397.8	413.3	427.7	440.9	452.9	463.8	474.2	483.9	492.8
70°	372.4	389.2	405.5	421.6	435.5	448.8	460.9	471.9	482.7	493.0	502.7
72.5°	378.7	396.1	412.8	429.1	442.5	456.7	468.8	480.2	490.9	501.0	510.6
75°	384.2	401.7	418.7	434.8	448.8	462.5	475.0	487.4	498.0	507.9	517.7
77.5°	388.8	406.1	422.5	438.8	453.4	467.0	480.1	492.7	504.0	514.4	523.4
80°	391.2	409.0	426.2	442.3	456.9	470.9	483.6	496.3	508.2	518.7	527.9
82.5°	393.4	411.4	429.7	444.7	459.9	474.4	486.5	499.0	510.8	521.9	531.7
85°	395.8	413.5	431.9	446.7	461.6	475.7	488.6	501.1	512.5	523.9	533.9
87.5°	396.7	414.8	433.0	448.1	462.5	476.8	490.3	503.0	513.8	524.7	534.4
90°	396.1	414.8	432.4	448.1	461.8	477.5	490.3	503.0	513.8	525.6	534.4
92.5°	396.7	414.8	433.0	448.1	462.5	476.8	490.3	503.0	513.8	524.7	534.4
95°	395.8	413.5	431.9	446.7	461.6	475.7	488.6	501.1	512.5	523.9	533.9
97.5°	393.4	411.4	429.7	444.7	459.9	474.4	486.5	499.0	510.8	521.9	531.7
100°	391.2	409.0	426.2	442.3	456.9	470.9	483.6	496.3	508.2	518.7	527.9
102.5°	388.8	406.1	422.5	438.8	453.4	467.0	480.1	492.7	504.0	514.4	523.4
105°	384.2	401.7	418.7	434.8	448.8	462.5	475.0	487.4	498.0	507.9	517.7
107.5°	378.7	396.1	412.8	429.1	442.5	456.7	468.8	480.2	490.9	501.0	510.6
110°	372.4	389.2	405.5	421.6	435.5	448.8	460.9	471.9	482.7	493.0	502.7



TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	365.7	382.1	397.8	413.3	427.7	440.9	452.9	463.8	474.2	483.9	492.8
115°	358.3	374.5	389.8	404.3	418.7	432.0	443.9	454.6	464.3	473.3	482.6
117.5°	350.1	365.5	380.9	395.1	408.7	421.4	433.3	444.2	453.7	462.4	471.1
120°	340.9	356.0	370.7	384.6	397.6	409.8	421.6	432.3	442.0	450.9	458.5
122.5°	330.7	345.6	359.7	373.4	386.2	397.9	409.1	419.7	429.2	437.8	445.4
125°	319.4	334.5	348.5	361.0	373.6	385.6	396.0	405.9	415.2	423.9	431.3
127.5°	306.9	321.5	334.7	347.6	360.8	371.4	381.9	392.1	400.4	408.6	416.1
130°	294.3	308.0	321.5	333.6	345.3	356.5	366.6	375.9	385.9	392.8	399.6
132.5°	281.0	293.9	307.4	319.7	330.1	340.8	350.8	359.2	367.7	375.3	381.8
135°	267.4	279.6	291.7	303.6	314.0	324.1	333.9	342.9	350.5	357.5	363.3
137.5°	252.5	265.2	276.2	286.8	297.1	306.7	315.5	324.3	333.3	339.0	345.3
140°	236.9	249.2	260.4	270.3	279.9	289.3	297.7	305.0	312.3	318.9	324.7
142.5°	220.9	231.9	242.9	253.0	261.9	270.3	278.4	285.9	292.3	299.1	303.6
145°	204.0	214.4	224.4	233.8	242.5	250.3	257.9	265.0	271.8	277.6	282.5
147.5°	187.2	196.7	205.8	214.3	222.3	230.0	237.1	243.6	249.5	255.1	260.3
150°	170.5	179.2	187.3	194.9	202.1	209.1	216.0	222.6	227.9	232.7	237.7
152.5°	152.9	160.6	168.0	175.1	181.7	187.8	194.8	200.0	205.5	210.4	214.4
155°	135.0	141.8	149.0	154.7	161.1	167.0	172.6	177.9	183.0	187.6	191.3
157.5°	117.2	123.5	129.2	134.8	140.4	145.6	150.5	155.1	159.4	163.5	167.1
160°	99.4	104.8	109.8	114.4	119.2	124.0	128.3	132.2	135.9	139.3	142.4
162.5°	82.6	87.7	91.2	95.3	99.2	103.0	106.7	110.0	113.0	115.6	118.1
165°	65.2	68.9	72.4	75.6	78.6	81.9	85.0	88.1	91.0	93.6	95.8
167.5°	49.3	51.9	54.4	57.2	59.8	62.3	64.7	66.9	69.0	71.1	73.0
170°	34.6	36.7	38.7	40.6	42.3	43.9	45.4	46.9	48.5	50.0	51.4
172.5°	22.1	23.2	24.2	25.1	26.1	27.3	28.2	29.5	30.6	31.7	32.6
175°	11.0	11.9	12.7	13.4	14.1	14.8	15.4	16.0	16.5	16.9	17.3
177.5°	5.2	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3
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: P232037

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

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.3	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.3	6.2	6.1
5°	17.6	17.9	18.2	18.3	18.5	18.5	18.6	18.5	18.8	18.5	18.2
7.5°	33.5	34.3	35.0	35.5	36.0	36.4	36.7	36.9	37.0	37.5	37.1
10°	52.5	54.0	55.3	56.4	57.4	58.2	58.8	59.2	59.5	60.4	59.8
12.5°	74.7	76.2	77.3	78.4	79.6	80.6	81.4	81.9	82.3	82.4	82.7
15°	97.8	99.6	101.2	102.6	103.8	105.0	106.1	106.8	107.2	107.4	107.7
17.5°	120.7	123.2	125.4	127.1	128.4	129.3	130.3	131.7	132.8	133.6	134.9
20°	145.1	147.7	150.1	152.0	153.5	154.7	155.4	156.3	157.3	157.8	158.7
22.5°	170.3	173.1	175.3	177.4	179.1	180.4	181.3	181.8	182.8	183.4	184.4
25°	194.6	197.5	200.0	202.1	204.1	205.8	207.0	207.7	208.4	209.5	210.1
27.5°	218.0	221.4	224.3	226.7	228.3	230.4	231.8	232.7	233.1	233.8	233.9
30°	241.0	244.2	247.3	250.0	252.4	254.1	255.8	256.8	257.2	257.8	258.7
32.5°	264.4	267.9	271.0	274.3	276.5	277.9	279.1	280.1	280.5	280.5	281.4
35°	286.8	290.8	294.4	297.5	299.7	301.1	302.1	302.9	303.0	302.3	303.0
37.5°	308.2	312.3	315.9	318.9	321.2	323.2	324.4	324.9	325.0	324.4	324.6
40°	329.5	333.4	336.7	340.1	343.1	344.9	345.6	345.7	346.1	346.1	346.5
42.5°	349.9	353.6	357.3	360.5	363.0	364.4	365.5	366.0	366.1	365.8	365.1
45°	368.2	372.9	377.2	380.3	382.6	384.8	385.0	385.7	385.6	385.0	383.7
47.5°	387.7	392.1	395.6	399.1	401.7	403.4	404.2	404.3	403.8	403.0	401.8
50°	405.6	410.4	414.4	418.1	419.9	421.3	422.0	422.0	421.7	421.4	421.3
52.5°	422.3	427.5	431.3	434.5	437.1	438.9	440.0	439.5	439.2	438.7	438.6
55°	438.1	442.9	447.0	451.2	453.9	455.7	456.2	456.2	455.6	453.9	454.0
57.5°	451.9	458.1	463.5	467.0	470.2	471.9	472.4	472.3	471.5	470.3	469.7
60°	465.9	472.7	477.5	481.6	485.0	486.8	487.3	487.2	486.0	484.7	483.8
62.5°	479.0	484.3	489.9	494.9	498.5	500.4	501.5	501.2	499.4	497.8	496.9
65°	489.7	496.4	502.7	507.2	511.0	513.3	514.1	514.5	512.5	511.1	509.9
67.5°	500.5	507.6	513.6	518.1	522.0	524.5	525.7	526.2	524.7	523.0	521.6
70°	510.3	517.1	523.2	527.6	531.3	534.2	536.3	536.9	535.5	533.0	531.4
72.5°	518.6	525.2	531.3	536.1	540.1	543.2	544.7	545.8	544.3	542.2	540.4
75°	525.7	532.5	538.4	543.3	547.7	550.1	551.8	552.9	553.2	550.9	549.0
77.5°	531.7	538.9	544.7	549.5	553.6	556.0	557.6	559.4	559.6	558.8	556.4
80°	536.2	543.6	549.7	554.2	558.4	561.6	562.4	563.5	564.4	564.1	562.5
82.5°	540.3	547.3	553.1	557.9	561.6	564.3	566.1	567.4	567.3	567.2	567.6
85°	542.0	549.0	554.9	560.6	564.1	566.7	568.1	569.2	569.4	569.1	568.9
87.5°	543.2	549.8	555.7	560.9	564.1	566.3	568.5	569.6	569.5	568.9	568.9
90°	543.2	549.1	555.0	560.9	563.8	565.8	567.7	567.7	567.7	566.7	564.8
92.5°	543.2	549.8	555.7	560.9	564.1	566.3	568.5	569.6	569.5	568.9	568.9
95°	542.0	549.0	554.9	560.6	564.1	566.7	568.1	569.2	569.4	569.1	568.9
97.5°	540.3	547.3	553.1	557.9	561.6	564.3	566.1	567.4	567.3	567.2	567.6
100°	536.2	543.6	549.7	554.2	558.4	561.6	562.4	563.5	564.4	564.1	562.5
102.5°	531.7	538.9	544.7	549.5	553.6	556.0	557.6	559.4	559.6	558.8	556.4
105°	525.7	532.5	538.4	543.3	547.7	550.1	551.8	552.9	553.2	550.9	549.0
107.5°	518.6	525.2	531.3	536.1	540.1	543.2	544.7	545.8	544.3	542.2	540.4
110°	510.3	517.1	523.2	527.6	531.3	534.2	536.3	536.9	535.5	533.0	531.4



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	500.5	507.6	513.6	518.1	522.0	524.5	525.7	526.2	524.7	523.0	521.6
115°	489.7	496.4	502.7	507.2	511.0	513.3	514.1	514.5	512.5	511.1	509.9
117.5°	479.0	484.3	489.9	494.9	498.5	500.4	501.5	501.2	499.4	497.8	496.9
120°	465.9	472.7	477.5	481.6	485.0	486.8	487.3	487.2	486.0	484.7	483.8
122.5°	451.9	458.1	463.5	467.0	470.2	471.9	472.4	472.3	471.5	470.3	469.7
125°	438.1	442.9	447.0	451.2	453.9	455.7	456.2	456.2	455.6	453.9	454.0
127.5°	422.3	427.5	431.3	434.5	437.1	438.9	440.0	439.5	439.2	438.7	438.6
130°	405.6	410.4	414.4	418.1	419.9	421.3	422.0	422.0	421.7	421.4	421.3
132.5°	387.7	392.1	395.6	399.1	401.7	403.4	404.2	404.3	403.8	403.0	401.8
135°	368.2	372.9	377.2	380.3	382.6	384.8	385.0	385.7	385.6	385.0	383.7
137.5°	349.9	353.6	357.3	360.5	363.0	364.4	365.5	366.0	366.1	365.8	365.1
140°	329.5	333.4	336.7	340.1	343.1	344.9	345.6	345.7	346.1	346.1	346.5
142.5°	308.2	312.3	315.9	318.9	321.2	323.2	324.4	324.9	325.0	324.4	324.6
145°	286.8	290.8	294.4	297.5	299.7	301.1	302.1	302.9	303.0	302.3	303.0
147.5°	264.4	267.9	271.0	274.3	276.5	277.9	279.1	280.1	280.5	280.5	281.4
150°	241.0	244.2	247.3	250.0	252.4	254.1	255.8	256.8	257.2	257.8	258.7
152.5°	218.0	221.4	224.3	226.7	228.3	230.4	231.8	232.7	233.1	233.8	233.9
155°	194.6	197.5	200.0	202.1	204.1	205.8	207.0	207.7	208.4	209.5	210.1
157.5°	170.3	173.1	175.3	177.4	179.1	180.4	181.3	181.8	182.8	183.4	184.4
160°	145.1	147.7	150.1	152.0	153.5	154.7	155.4	156.3	157.3	157.8	158.7
162.5°	120.7	123.2	125.4	127.1	128.4	129.3	130.3	131.7	132.8	133.6	134.9
165°	97.8	99.6	101.2	102.6	103.8	105.0	106.1	106.8	107.2	107.4	107.7
167.5°	74.7	76.2	77.3	78.4	79.6	80.6	81.4	81.9	82.3	82.4	82.7
170°	52.5	54.0	55.3	56.4	57.4	58.2	58.8	59.2	59.5	60.4	59.8
172.5°	33.5	34.3	35.0	35.5	36.0	36.4	36.7	36.9	37.0	37.5	37.1
175°	17.6	17.9	18.2	18.3	18.5	18.5	18.6	18.5	18.8	18.5	18.2
177.5°	6.3	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.3	6.2	6.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	6.0	5.9
5°	17.9	17.6
7.5°	36.7	36.3
10°	59.3	58.8
12.5°	82.1	81.4
15°	106.8	105.9
17.5°	134.6	134.3
20°	157.8	156.9
22.5°	183.4	182.4
25°	210.5	209.8
27.5°	233.7	232.4
30°	259.4	258.9
32.5°	282.0	281.4
35°	303.7	303.0
37.5°	325.3	324.6
40°	348.1	348.1
42.5°	365.7	364.8
45°	386.3	387.3
47.5°	402.5	402.0
50°	422.2	421.6
52.5°	439.3	439.3
55°	455.0	455.0
57.5°	469.7	469.7
60°	484.5	485.4
62.5°	497.5	498.1
65°	510.4	511.8
67.5°	521.2	522.6
70°	530.8	532.4
72.5°	540.5	542.2
75°	547.7	550.1
77.5°	554.6	557.9
80°	560.1	562.8
82.5°	564.8	567.7
85°	569.1	570.7
87.5°	570.3	572.6
90°	564.8	569.7
92.5°	570.3	572.6
95°	569.1	570.7
97.5°	564.8	567.7
100°	560.1	562.8
102.5°	554.6	557.9
105°	547.7	550.1
107.5°	540.5	542.2
110°	530.8	532.4





TEST NUMBER: P232037

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

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	521.2	522.6
115°	510.4	511.8
117.5°	497.5	498.1
120°	484.5	485.4
122.5°	469.7	469.7
125°	455.0	455.0
127.5°	439.3	439.3
130°	422.2	421.6
132.5°	402.5	402.0
135°	386.3	387.3
137.5°	365.7	364.8
140°	348.1	348.1
142.5°	325.3	324.6
145°	303.7	303.0
147.5°	282.0	281.4
150°	259.4	258.9
152.5°	233.7	232.4
155°	210.5	209.8
157.5°	183.4	182.4
160°	157.8	156.9
162.5°	134.6	134.3
165°	106.8	105.9
167.5°	82.1	81.4
170°	59.3	58.8
172.5°	36.7	36.3
175°	17.9	17.6
177.5°	6.0	5.9
180°	0.0	0.0

(END OF REPORT)