

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: P232039

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

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232039  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-24)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-50-1HI-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS  
Light Source: (84) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

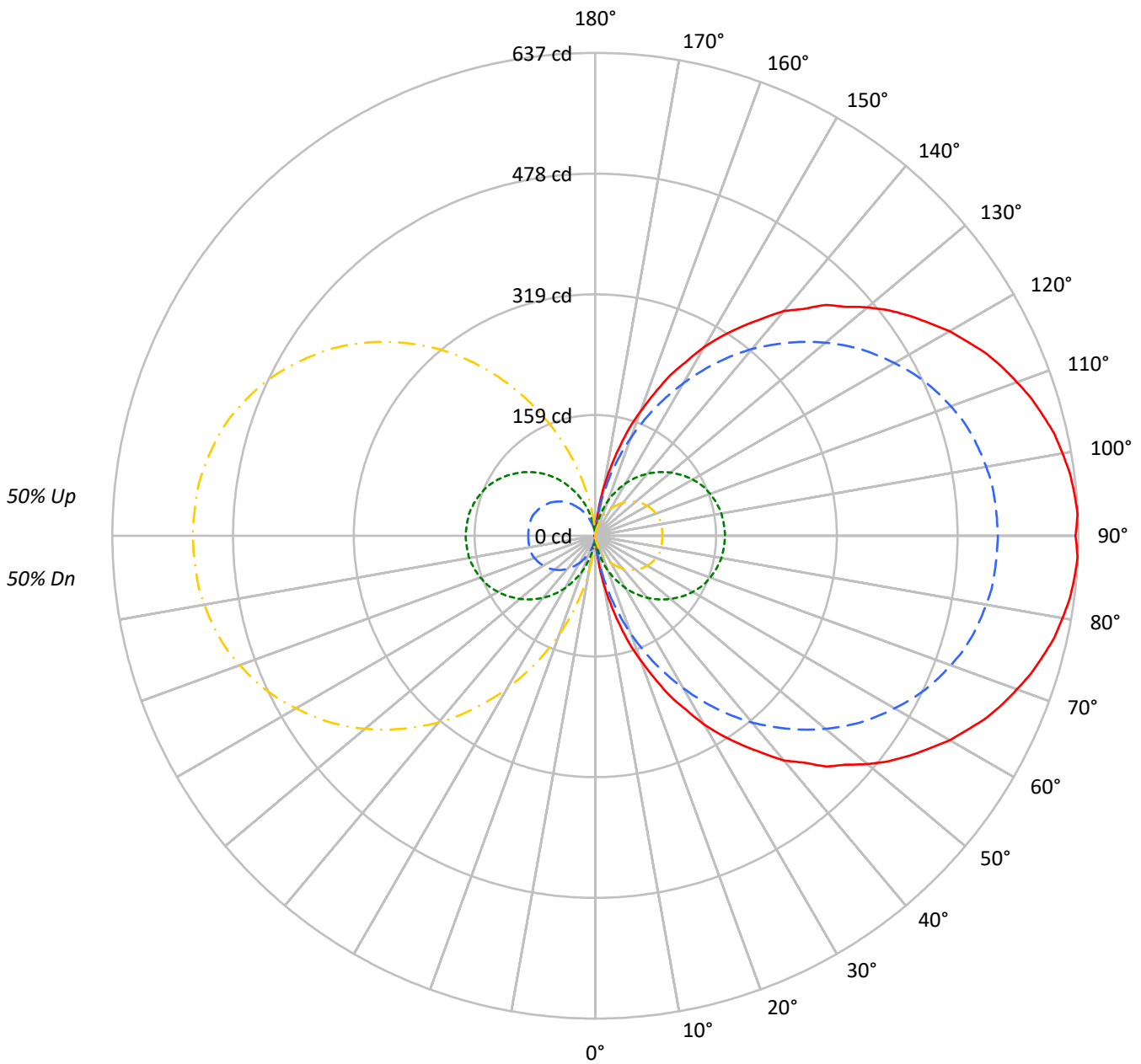
Lumens per Lamp: N/A  
Luminaire Lumens: 2715.1 lumens  
Efficiency: N/A  
Efficacy: 74.8 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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



— 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	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°	338	108	0	108
10°	1010	363	0	363
15°	1658	648	0	648
20°	2274	990	0	990
25°	2851	1330	0	1330
30°	3333	1704	0	1704
35°	3734	2094	0	2094
40°	4146	2518	0	2518
45°	4495	2987	0	2987
50°	4806	3522	0	3522
55°	5135	4152	0	4152
60°	5465	4924	0	4924
65°	5793	5904	0	5904
70°	6105	7171	11	7171
75°	6441	9002	12	9002
80°	6785	11915	0	11915
85°	7146	17267	0	17267



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.5	0.1
10°-20°	15.1	0.6
20°-30°	47.2	1.7
30°-40°	94.1	3.5
40°-50°	148.8	5.5
50°-60°	204.1	7.5
60°-70°	252.7	9.3
70°-80°	288.2	10.6
80°-90°	305.8	11.3
90°-100°	305.8	11.3
100°-110°	288.2	10.6
110°-120°	252.7	9.3
120°-130°	204.1	7.5
130°-140°	148.8	5.5
140°-150°	94.1	3.5
150°-160°	47.2	1.7
160°-170°	15.1	0.6
170°-180°	1.5	0.1
0°-30°	63.8	2.3
0°-40°	157.9	5.8
0°-60°	510.8	18.8
0°-90°	1357.6	50.0
90°-120°	846.7	31.2
90°-150°	1293.8	47.7
90°-180°	1358.0	50.0
0°-180°	2715.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	20	6	0	6	20	3
15°	118	33	0	33	118	35
25°	233	64	0	64	233	109
35°	337	94	0	94	337	213
45°	431	119	0	119	431	332
55°	506	140	0	140	506	454
65°	569	156	0	156	569	564
75°	612	166	1	166	612	646
85°	634	170	0	170	634	517
90°	633	171	0	171	633	348
95°	634	170	0	170	634	517
105°	612	166	1	166	612	646
115°	569	156	0	156	569	564
125°	506	140	0	140	506	454
135°	431	119	0	119	431	332
145°	337	94	0	94	337	213
155°	233	64	0	64	233	109
165°	118	33	0	33	118	35
175°	20	6	0	6	20	3
180°	0	0	0	0	0	



TEST NUMBER: P232039

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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°	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.0	7.0	7.1	7.1
5°	19.6	19.9	20.3	20.6	20.9	20.6	20.7	20.6	20.6	20.4	20.2
7.5°	40.3	40.7	41.2	41.6	41.1	41.0	40.8	40.5	40.0	39.5	38.9
10°	65.4	66.0	66.5	67.1	66.1	65.8	65.3	64.7	63.8	62.7	61.5
12.5°	90.5	91.2	91.9	91.6	91.4	91.1	90.4	89.6	88.5	87.1	85.9
15°	117.7	118.7	119.8	119.3	119.2	118.7	117.9	116.8	115.4	114.1	112.5
17.5°	149.3	149.6	150.0	148.5	147.6	146.3	144.8	143.7	142.7	141.3	139.4
20°	174.4	175.4	176.4	175.5	174.9	173.8	172.8	172.0	170.7	169.0	166.8
22.5°	202.8	203.9	205.0	203.8	203.2	202.1	201.6	200.6	199.1	197.2	194.9
25°	233.3	234.1	233.6	232.9	231.7	231.0	230.1	228.8	226.9	224.7	222.3
27.5°	258.4	259.8	260.0	259.9	259.2	258.7	257.7	256.1	253.9	252.0	249.4
30°	287.8	288.4	287.7	286.7	286.0	285.5	284.3	282.5	280.6	278.0	275.0
32.5°	312.9	313.6	312.8	311.8	311.8	311.4	310.3	309.0	307.5	305.0	301.3
35°	336.8	337.6	336.9	336.1	336.9	336.7	335.8	334.7	333.1	330.7	327.3
37.5°	360.8	361.6	360.9	360.7	361.3	361.2	360.6	359.3	357.0	354.5	351.2
40°	387.0	387.0	385.2	384.8	384.7	384.2	384.1	383.4	381.3	378.1	374.3
42.5°	405.5	406.5	405.9	406.7	407.0	406.8	406.2	405.1	403.5	400.8	397.2
45°	430.6	429.5	426.6	428.1	428.6	428.8	428.0	427.8	425.4	422.7	419.3
47.5°	446.9	447.5	446.7	448.1	448.9	449.5	449.4	448.4	446.5	443.7	439.8
50°	468.7	469.4	468.4	468.5	468.9	469.1	469.2	468.4	466.9	464.8	460.7
52.5°	488.4	488.4	487.6	487.7	488.3	488.6	489.1	488.0	486.0	483.0	479.5
55°	505.8	505.8	504.7	504.7	506.5	507.2	507.3	506.7	504.7	501.6	497.0
57.5°	522.2	522.2	522.2	522.9	524.2	525.0	525.2	524.6	522.7	519.1	515.3
60°	539.6	538.6	537.9	538.9	540.3	541.6	541.7	541.2	539.2	535.4	530.8
62.5°	553.8	553.2	552.4	553.5	555.2	557.2	557.5	556.3	554.2	550.2	544.6
65°	569.0	567.3	566.9	568.2	569.8	571.9	571.5	570.7	568.1	563.8	558.9
67.5°	581.0	579.5	579.8	581.5	583.4	585.0	584.4	583.2	580.4	575.9	570.9
70°	591.9	590.2	590.8	592.6	595.3	596.9	596.2	593.9	590.6	586.5	581.6
72.5°	602.8	600.9	600.7	602.8	605.1	606.8	605.6	604.0	600.5	596.0	590.7
75°	611.5	608.9	610.3	612.5	615.0	614.7	613.5	611.6	609.0	604.1	598.5
77.5°	620.3	616.5	618.5	621.3	622.1	621.9	619.9	618.2	615.4	610.8	605.6
80°	625.7	622.6	625.3	627.2	627.4	626.5	625.3	624.4	620.8	616.2	611.1
82.5°	631.2	627.9	631.1	630.7	630.7	630.9	629.4	627.3	624.3	620.2	614.9
85°	634.4	632.7	632.5	632.7	633.0	632.8	631.7	630.0	627.1	623.2	616.9
87.5°	636.6	634.0	632.5	632.5	633.1	633.2	632.0	629.6	627.1	623.5	617.8
90°	633.3	627.9	627.9	630.1	631.2	631.2	631.2	629.0	626.8	623.5	617.0
92.5°	636.6	634.0	632.5	632.5	633.1	633.2	632.0	629.6	627.1	623.5	617.8
95°	634.4	632.7	632.5	632.7	633.0	632.8	631.7	630.0	627.1	623.2	616.9
97.5°	631.2	627.9	631.1	630.7	630.7	630.9	629.4	627.3	624.3	620.2	614.9
100°	625.7	622.6	625.3	627.2	627.4	626.5	625.3	624.4	620.8	616.2	611.1
102.5°	620.3	616.5	618.5	621.3	622.1	621.9	619.9	618.2	615.4	610.8	605.6
105°	611.5	608.9	610.3	612.5	615.0	614.7	613.5	611.6	609.0	604.1	598.5
107.5°	602.8	600.9	600.7	602.8	605.1	606.8	605.6	604.0	600.5	596.0	590.7
110°	591.9	590.2	590.8	592.6	595.3	596.9	596.2	593.9	590.6	586.5	581.6



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	581.0	579.5	579.8	581.5	583.4	585.0	584.4	583.2	580.4	575.9	570.9
115°	569.0	567.3	566.9	568.2	569.8	571.9	571.5	570.7	568.1	563.8	558.9
117.5°	553.8	553.2	552.4	553.5	555.2	557.2	557.5	556.3	554.2	550.2	544.6
120°	539.6	538.6	537.9	538.9	540.3	541.6	541.7	541.2	539.2	535.4	530.8
122.5°	522.2	522.2	522.2	522.9	524.2	525.0	525.2	524.6	522.7	519.1	515.3
125°	505.8	505.8	504.7	504.7	506.5	507.2	507.3	506.7	504.7	501.6	497.0
127.5°	488.4	488.4	487.6	487.7	488.3	488.6	489.1	488.0	486.0	483.0	479.5
130°	468.7	469.4	468.4	468.5	468.9	469.1	469.2	468.4	466.9	464.8	460.7
132.5°	446.9	447.5	446.7	448.1	448.9	449.5	449.4	448.4	446.5	443.7	439.8
135°	430.6	429.5	426.6	428.1	428.6	428.8	428.0	427.8	425.4	422.7	419.3
137.5°	405.5	406.5	405.9	406.7	407.0	406.8	406.2	405.1	403.5	400.8	397.2
140°	387.0	387.0	385.2	384.8	384.7	384.2	384.1	383.4	381.3	378.1	374.3
142.5°	360.8	361.6	360.9	360.7	361.3	361.2	360.6	359.3	357.0	354.5	351.2
145°	336.8	337.6	336.9	336.1	336.9	336.7	335.8	334.7	333.1	330.7	327.3
147.5°	312.9	313.6	312.8	311.8	311.8	311.4	310.3	309.0	307.5	305.0	301.3
150°	287.8	288.4	287.7	286.7	286.0	285.5	284.3	282.5	280.6	278.0	275.0
152.5°	258.4	259.8	260.0	259.9	259.2	258.7	257.7	256.1	253.9	252.0	249.4
155°	233.3	234.1	233.6	232.9	231.7	231.0	230.1	228.8	226.9	224.7	222.3
157.5°	202.8	203.9	205.0	203.8	203.2	202.1	201.6	200.6	199.1	197.2	194.9
160°	174.4	175.4	176.4	175.5	174.9	173.8	172.8	172.0	170.7	169.0	166.8
162.5°	149.3	149.6	150.0	148.5	147.6	146.3	144.8	143.7	142.7	141.3	139.4
165°	117.7	118.7	119.8	119.3	119.2	118.7	117.9	116.8	115.4	114.1	112.5
167.5°	90.5	91.2	91.9	91.6	91.4	91.1	90.4	89.6	88.5	87.1	85.9
170°	65.4	66.0	66.5	67.1	66.1	65.8	65.3	64.7	63.8	62.7	61.5
172.5°	40.3	40.7	41.2	41.6	41.1	41.0	40.8	40.5	40.0	39.5	38.9
175°	19.6	19.9	20.3	20.6	20.9	20.6	20.7	20.6	20.6	20.4	20.2
177.5°	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.0	7.0	7.1	7.1
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):**

	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°	7.0	7.0	7.0	6.9	6.8	6.7	6.7	6.5	6.4	6.3	6.1
5°	20.0	19.6	19.3	18.8	18.3	17.8	17.1	16.5	15.7	14.9	14.1
7.5°	38.1	37.2	36.3	35.2	34.1	32.8	31.4	30.4	29.1	28.0	26.9
10°	60.1	58.4	57.1	55.6	54.0	52.1	50.4	48.8	47.0	45.1	43.0
12.5°	84.6	83.0	81.2	79.0	76.7	74.4	71.9	69.3	66.5	63.6	60.6
15°	110.7	108.7	106.5	104.0	101.1	97.9	94.5	91.0	87.4	84.1	80.5
17.5°	137.0	134.2	131.3	128.5	125.6	122.3	118.6	114.5	110.3	106.0	101.5
20°	164.2	161.3	158.3	154.8	151.1	146.9	142.6	137.8	132.6	127.2	122.0
22.5°	192.5	189.4	185.8	181.8	177.3	172.5	167.4	161.8	156.0	149.9	143.7
25°	219.6	216.3	212.7	208.6	203.5	197.8	191.9	185.7	179.0	172.0	165.6
27.5°	246.1	242.4	238.3	233.9	228.5	222.3	216.5	208.8	202.0	194.7	186.8
30°	271.5	268.0	264.2	258.7	253.4	247.5	240.1	232.5	224.7	216.7	208.2
32.5°	297.8	293.9	289.4	283.5	277.3	270.7	263.6	255.6	247.2	238.3	228.8
35°	323.4	318.9	314.0	308.7	302.2	294.6	286.7	278.3	269.5	259.9	249.5
37.5°	347.3	342.7	337.5	332.5	325.0	317.9	309.5	300.5	291.2	281.2	270.0
40°	370.6	366.3	360.9	354.5	347.1	339.1	330.9	321.7	311.3	300.5	289.5
42.5°	393.1	389.0	383.9	376.9	370.6	360.6	350.8	341.0	330.3	318.9	307.1
45°	414.6	409.3	403.9	397.5	389.7	381.3	371.2	360.3	349.1	337.5	324.3
47.5°	435.9	431.0	424.4	417.2	408.8	399.3	390.0	378.8	366.9	355.4	341.8
50°	456.2	450.9	444.2	436.6	429.0	417.9	407.5	396.3	383.8	370.8	357.4
52.5°	475.3	469.5	462.6	454.2	445.1	435.9	424.5	412.9	401.1	386.4	372.2
55°	492.4	487.1	479.6	471.3	461.6	451.2	440.2	428.7	415.4	401.3	387.5
57.5°	509.3	502.4	495.2	486.7	477.2	466.6	454.8	442.3	429.3	415.2	400.0
60°	525.5	518.0	509.8	501.3	491.4	480.6	468.7	455.6	442.1	427.6	412.2
62.5°	538.4	532.6	523.8	514.1	504.4	493.8	481.7	468.5	454.3	439.3	423.4
65°	551.9	544.5	536.5	526.2	516.2	505.4	493.5	480.2	465.5	449.5	433.4
67.5°	564.3	556.4	547.8	538.0	527.1	515.6	503.6	490.2	475.6	459.4	442.2
70°	574.9	567.3	558.9	548.1	536.6	524.7	512.4	499.0	484.2	468.7	450.8
72.5°	583.9	576.6	567.6	557.0	545.7	533.8	521.1	507.8	491.9	477.0	459.0
75°	592.1	584.5	575.5	564.7	553.6	541.8	528.1	514.2	498.9	483.4	465.5
77.5°	599.2	591.1	581.8	571.9	560.2	547.8	533.8	519.1	504.1	487.8	469.7
80°	604.4	596.2	586.9	576.6	565.0	551.8	537.7	523.5	507.9	491.8	473.9
82.5°	608.4	600.6	591.1	580.2	567.9	554.7	540.9	527.5	511.3	494.5	477.7
85°	610.2	602.6	593.5	582.4	569.8	557.1	543.2	528.9	513.2	496.7	480.1
87.5°	611.2	603.9	594.1	583.3	571.2	559.2	545.0	530.1	514.1	498.2	481.4
90°	610.5	603.9	594.1	584.3	571.2	559.2	545.0	530.9	513.4	498.2	480.7
92.5°	611.2	603.9	594.1	583.3	571.2	559.2	545.0	530.1	514.1	498.2	481.4
95°	610.2	602.6	593.5	582.4	569.8	557.1	543.2	528.9	513.2	496.7	480.1
97.5°	608.4	600.6	591.1	580.2	567.9	554.7	540.9	527.5	511.3	494.5	477.7
100°	604.4	596.2	586.9	576.6	565.0	551.8	537.7	523.5	507.9	491.8	473.9
102.5°	599.2	591.1	581.8	571.9	560.2	547.8	533.8	519.1	504.1	487.8	469.7
105°	592.1	584.5	575.5	564.7	553.6	541.8	528.1	514.2	498.9	483.4	465.5
107.5°	583.9	576.6	567.6	557.0	545.7	533.8	521.1	507.8	491.9	477.0	459.0
110°	574.9	567.3	558.9	548.1	536.6	524.7	512.4	499.0	484.2	468.7	450.8





TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	564.3	556.4	547.8	538.0	527.1	515.6	503.6	490.2	475.6	459.4	442.2
115°	551.9	544.5	536.5	526.2	516.2	505.4	493.5	480.2	465.5	449.5	433.4
117.5°	538.4	532.6	523.8	514.1	504.4	493.8	481.7	468.5	454.3	439.3	423.4
120°	525.5	518.0	509.8	501.3	491.4	480.6	468.7	455.6	442.1	427.6	412.2
122.5°	509.3	502.4	495.2	486.7	477.2	466.6	454.8	442.3	429.3	415.2	400.0
125°	492.4	487.1	479.6	471.3	461.6	451.2	440.2	428.7	415.4	401.3	387.5
127.5°	475.3	469.5	462.6	454.2	445.1	435.9	424.5	412.9	401.1	386.4	372.2
130°	456.2	450.9	444.2	436.6	429.0	417.9	407.5	396.3	383.8	370.8	357.4
132.5°	435.9	431.0	424.4	417.2	408.8	399.3	390.0	378.8	366.9	355.4	341.8
135°	414.6	409.3	403.9	397.5	389.7	381.3	371.2	360.3	349.1	337.5	324.3
137.5°	393.1	389.0	383.9	376.9	370.6	360.6	350.8	341.0	330.3	318.9	307.1
140°	370.6	366.3	360.9	354.5	347.1	339.1	330.9	321.7	311.3	300.5	289.5
142.5°	347.3	342.7	337.5	332.5	325.0	317.9	309.5	300.5	291.2	281.2	270.0
145°	323.4	318.9	314.0	308.7	302.2	294.6	286.7	278.3	269.5	259.9	249.5
147.5°	297.8	293.9	289.4	283.5	277.3	270.7	263.6	255.6	247.2	238.3	228.8
150°	271.5	268.0	264.2	258.7	253.4	247.5	240.1	232.5	224.7	216.7	208.2
152.5°	246.1	242.4	238.3	233.9	228.5	222.3	216.5	208.8	202.0	194.7	186.8
155°	219.6	216.3	212.7	208.6	203.5	197.8	191.9	185.7	179.0	172.0	165.6
157.5°	192.5	189.4	185.8	181.8	177.3	172.5	167.4	161.8	156.0	149.9	143.7
160°	164.2	161.3	158.3	154.8	151.1	146.9	142.6	137.8	132.6	127.2	122.0
162.5°	137.0	134.2	131.3	128.5	125.6	122.3	118.6	114.5	110.3	106.0	101.5
165°	110.7	108.7	106.5	104.0	101.1	97.9	94.5	91.0	87.4	84.1	80.5
167.5°	84.6	83.0	81.2	79.0	76.7	74.4	71.9	69.3	66.5	63.6	60.6
170°	60.1	58.4	57.1	55.6	54.0	52.1	50.4	48.8	47.0	45.1	43.0
172.5°	38.1	37.2	36.3	35.2	34.1	32.8	31.4	30.4	29.1	28.0	26.9
175°	20.0	19.6	19.3	18.8	18.3	17.8	17.1	16.5	15.7	14.9	14.1
177.5°	7.0	7.0	7.0	6.9	6.8	6.7	6.7	6.5	6.4	6.3	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



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.3	4.1	3.8
5°	13.2	12.2	11.3	10.9	10.5	10.1	9.6	9.2	8.7	8.2	7.7
7.5°	25.8	24.6	23.4	22.0	20.7	19.2	17.7	17.0	16.4	15.8	15.1
10°	40.8	38.4	36.1	34.3	32.5	30.6	28.7	26.7	24.7	23.6	22.7
12.5°	57.8	54.9	51.8	48.7	45.4	42.6	40.2	37.7	35.1	32.4	30.7
15°	76.6	72.5	68.6	64.4	60.6	56.6	52.5	49.2	46.0	42.6	39.0
17.5°	97.5	91.8	86.4	80.9	75.6	71.0	66.1	61.0	56.9	53.2	49.4
20°	116.5	110.6	104.3	98.3	92.2	86.1	80.2	74.0	67.6	63.4	59.5
22.5°	137.2	130.3	122.8	114.8	108.2	101.7	94.8	87.9	80.8	74.4	69.9
25°	157.7	150.1	142.0	133.7	125.4	117.6	109.8	101.8	94.2	86.3	80.5
27.5°	178.6	170.0	160.8	151.3	142.5	133.4	124.3	114.9	106.2	97.9	90.4
30°	199.2	189.6	179.6	169.4	159.3	148.9	138.1	127.8	117.7	108.7	100.2
32.5°	218.6	208.1	197.2	186.5	176.1	164.7	152.6	140.8	129.2	119.0	109.6
35°	238.4	226.8	215.1	203.0	191.3	179.4	166.7	154.5	141.4	129.4	119.0
37.5°	257.9	245.6	233.5	220.4	207.7	193.7	180.2	166.6	153.3	140.0	128.7
40°	277.1	263.4	250.3	236.6	221.8	207.3	192.9	178.8	164.7	150.9	138.5
42.5°	294.8	280.7	266.1	251.5	236.2	220.8	205.6	190.5	175.1	160.5	146.8
45°	310.9	297.2	282.0	266.5	250.9	234.2	218.1	202.4	185.5	169.6	154.7
47.5°	326.8	312.5	297.2	282.3	265.2	247.7	229.7	213.4	195.6	178.5	162.6
50°	342.4	327.2	311.4	294.4	277.2	259.3	239.9	223.0	205.3	187.3	170.5
52.5°	357.5	341.2	324.2	306.7	288.7	270.4	250.5	232.2	214.4	195.1	177.9
55°	372.0	355.1	337.2	318.9	300.3	281.0	260.9	241.4	223.3	202.8	185.0
57.5°	384.2	367.7	350.6	331.0	311.6	291.4	270.6	250.3	231.3	210.3	191.6
60°	395.7	379.0	361.0	341.4	321.3	300.9	279.4	259.1	238.6	217.5	198.0
62.5°	406.3	389.3	371.0	350.9	330.2	309.8	287.5	266.6	245.3	223.6	203.5
65°	416.3	398.4	380.0	359.6	337.9	317.6	295.1	272.9	251.3	229.4	208.6
67.5°	424.8	406.6	387.7	367.5	345.5	324.5	301.9	278.8	256.4	234.4	213.3
70°	432.7	414.1	394.6	374.5	353.0	330.8	307.9	284.2	260.9	238.9	217.8
72.5°	440.4	420.9	400.9	380.7	359.4	336.5	312.8	289.4	265.6	243.0	220.6
75°	446.5	427.1	406.6	385.4	364.0	341.4	316.8	294.1	270.2	246.9	222.8
77.5°	451.4	432.2	411.6	389.6	367.6	345.4	320.7	297.7	272.8	249.7	225.2
80°	454.6	434.9	414.9	393.1	370.1	348.4	324.5	300.8	274.7	252.0	227.5
82.5°	457.4	437.4	417.8	396.2	373.0	350.9	326.0	302.9	277.1	253.5	230.5
85°	459.6	440.0	420.5	398.8	375.9	354.1	327.1	305.1	280.1	255.1	232.1
87.5°	461.1	441.1	421.0	400.1	376.7	353.3	327.5	305.7	279.7	255.1	231.1
90°	461.1	440.4	419.7	400.1	376.1	352.1	328.1	306.3	279.1	255.1	230.0
92.5°	461.1	441.1	421.0	400.1	376.7	353.3	327.5	305.7	279.7	255.1	231.1
95°	459.6	440.0	420.5	398.8	375.9	354.1	327.1	305.1	280.1	255.1	232.1
97.5°	457.4	437.4	417.8	396.2	373.0	350.9	326.0	302.9	277.1	253.5	230.5
100°	454.6	434.9	414.9	393.1	370.1	348.4	324.5	300.8	274.7	252.0	227.5
102.5°	451.4	432.2	411.6	389.6	367.6	345.4	320.7	297.7	272.8	249.7	225.2
105°	446.5	427.1	406.6	385.4	364.0	341.4	316.8	294.1	270.2	246.9	222.8
107.5°	440.4	420.9	400.9	380.7	359.4	336.5	312.8	289.4	265.6	243.0	220.6
110°	432.7	414.1	394.6	374.5	353.0	330.8	307.9	284.2	260.9	238.9	217.8



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	424.8	406.6	387.7	367.5	345.5	324.5	301.9	278.8	256.4	234.4	213.3
115°	416.3	398.4	380.0	359.6	337.9	317.6	295.1	272.9	251.3	229.4	208.6
117.5°	406.3	389.3	371.0	350.9	330.2	309.8	287.5	266.6	245.3	223.6	203.5
120°	395.7	379.0	361.0	341.4	321.3	300.9	279.4	259.1	238.6	217.5	198.0
122.5°	384.2	367.7	350.6	331.0	311.6	291.4	270.6	250.3	231.3	210.3	191.6
125°	372.0	355.1	337.2	318.9	300.3	281.0	260.9	241.4	223.3	202.8	185.0
127.5°	357.5	341.2	324.2	306.7	288.7	270.4	250.5	232.2	214.4	195.1	177.9
130°	342.4	327.2	311.4	294.4	277.2	259.3	239.9	223.0	205.3	187.3	170.5
132.5°	326.8	312.5	297.2	282.3	265.2	247.7	229.7	213.4	195.6	178.5	162.6
135°	310.9	297.2	282.0	266.5	250.9	234.2	218.1	202.4	185.5	169.6	154.7
137.5°	294.8	280.7	266.1	251.5	236.2	220.8	205.6	190.5	175.1	160.5	146.8
140°	277.1	263.4	250.3	236.6	221.8	207.3	192.9	178.8	164.7	150.9	138.5
142.5°	257.9	245.6	233.5	220.4	207.7	193.7	180.2	166.6	153.3	140.0	128.7
145°	238.4	226.8	215.1	203.0	191.3	179.4	166.7	154.5	141.4	129.4	119.0
147.5°	218.6	208.1	197.2	186.5	176.1	164.7	152.6	140.8	129.2	119.0	109.6
150°	199.2	189.6	179.6	169.4	159.3	148.9	138.1	127.8	117.7	108.7	100.2
152.5°	178.6	170.0	160.8	151.3	142.5	133.4	124.3	114.9	106.2	97.9	90.4
155°	157.7	150.1	142.0	133.7	125.4	117.6	109.8	101.8	94.2	86.3	80.5
157.5°	137.2	130.3	122.8	114.8	108.2	101.7	94.8	87.9	80.8	74.4	69.9
160°	116.5	110.6	104.3	98.3	92.2	86.1	80.2	74.0	67.6	63.4	59.5
162.5°	97.5	91.8	86.4	80.9	75.6	71.0	66.1	61.0	56.9	53.2	49.4
165°	76.6	72.5	68.6	64.4	60.6	56.6	52.5	49.2	46.0	42.6	39.0
167.5°	57.8	54.9	51.8	48.7	45.4	42.6	40.2	37.7	35.1	32.4	30.7
170°	40.8	38.4	36.1	34.3	32.5	30.6	28.7	26.7	24.7	23.6	22.7
172.5°	25.8	24.6	23.4	22.0	20.7	19.2	17.7	17.0	16.4	15.8	15.1
175°	13.2	12.2	11.3	10.9	10.5	10.1	9.6	9.2	8.7	8.2	7.7
177.5°	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.3	4.1	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: P232039

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

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.6	3.3	3.0	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.6
5°	7.1	6.6	6.1	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
7.5°	14.4	13.6	12.8	12.0	11.8	11.7	11.4	11.2	10.9	10.6	10.3
10°	21.7	20.7	19.6	18.5	18.1	17.7	17.2	16.7	16.2	15.7	15.2
12.5°	29.5	28.3	27.0	25.6	25.2	24.8	24.3	23.7	23.0	22.4	21.8
15°	37.4	35.9	34.3	32.7	32.4	32.0	31.5	30.9	30.3	29.5	28.7
17.5°	46.3	44.6	42.8	40.9	40.4	39.7	39.0	38.3	37.5	36.7	35.7
20°	55.4	53.3	51.3	49.1	48.3	47.4	46.4	45.6	44.8	43.9	42.5
22.5°	65.2	61.8	59.3	56.7	55.8	54.8	53.8	53.0	52.0	50.7	49.1
25°	75.0	70.4	67.4	64.3	63.3	62.2	61.2	60.3	59.2	57.6	55.9
27.5°	84.4	78.7	75.4	72.0	70.9	69.6	68.5	67.3	66.0	64.5	62.7
30°	93.6	86.9	83.3	79.6	78.4	77.1	75.7	74.1	72.9	71.5	69.6
32.5°	101.8	94.5	90.4	86.7	85.4	84.1	82.5	81.0	79.5	77.9	75.9
35°	109.9	102.1	97.4	93.7	92.4	91.0	89.4	87.6	85.8	83.9	81.7
37.5°	118.4	110.2	104.5	100.3	98.9	97.4	95.7	93.9	92.0	89.9	87.7
40°	126.9	118.2	111.7	106.8	105.3	103.7	102.0	100.1	98.1	95.9	93.6
42.5°	134.0	125.0	117.9	112.8	111.2	109.6	107.9	105.9	103.9	101.7	99.2
45°	141.3	131.6	124.2	118.8	117.2	115.5	113.6	111.6	109.5	107.0	104.1
47.5°	148.9	138.1	129.9	124.3	122.6	120.8	119.0	116.9	114.8	112.1	108.9
50°	156.4	144.6	135.5	129.7	128.0	126.1	124.2	122.1	119.9	117.0	113.7
52.5°	162.6	150.0	140.7	134.6	132.4	130.5	128.7	126.8	124.3	121.3	118.1
55°	168.7	155.3	145.8	139.5	136.8	134.7	133.2	131.3	128.3	125.2	121.9
57.5°	174.6	160.3	150.3	143.9	141.1	139.0	137.2	135.1	132.3	129.1	125.8
60°	180.3	165.3	154.8	148.3	145.4	143.2	141.1	139.0	136.3	133.1	129.8
62.5°	185.4	169.6	158.3	152.1	149.1	146.6	144.7	142.4	139.6	136.4	132.9
65°	190.4	173.8	161.8	155.9	152.9	149.8	148.3	145.8	142.6	139.3	135.6
67.5°	194.2	177.1	165.1	158.6	155.6	152.9	150.8	148.2	145.2	141.9	138.1
70°	197.9	180.4	168.5	161.3	158.3	156.1	153.1	150.6	147.7	144.4	140.4
72.5°	201.0	183.0	171.3	163.5	160.4	158.2	155.1	152.8	149.8	146.2	142.3
75°	203.9	185.5	174.4	165.7	162.5	160.3	157.2	154.9	151.8	147.7	144.1
77.5°	205.7	187.4	174.9	167.4	163.6	161.4	158.7	156.1	152.9	149.1	145.4
80°	207.3	189.7	175.5	169.0	164.7	162.5	160.2	157.1	153.9	150.5	146.4
82.5°	208.7	190.8	176.6	169.6	165.7	163.5	160.8	158.1	154.4	151.1	146.8
85°	209.3	191.9	177.7	170.1	166.8	164.6	161.3	159.2	154.9	151.5	147.3
87.5°	209.8	191.4	177.7	170.6	166.8	164.6	161.9	159.2	155.4	152.0	147.8
90°	210.4	190.8	177.7	171.1	166.8	164.6	162.4	159.2	155.9	152.6	148.3
92.5°	209.8	191.4	177.7	170.6	166.8	164.6	161.9	159.2	155.4	152.0	147.8
95°	209.3	191.9	177.7	170.1	166.8	164.6	161.3	159.2	154.9	151.5	147.3
97.5°	208.7	190.8	176.6	169.6	165.7	163.5	160.8	158.1	154.4	151.1	146.8
100°	207.3	189.7	175.5	169.0	164.7	162.5	160.2	157.1	153.9	150.5	146.4
102.5°	205.7	187.4	174.9	167.4	163.6	161.4	158.7	156.1	152.9	149.1	145.4
105°	203.9	185.5	174.4	165.7	162.5	160.3	157.2	154.9	151.8	147.7	144.1
107.5°	201.0	183.0	171.3	163.5	160.4	158.2	155.1	152.8	149.8	146.2	142.3
110°	197.9	180.4	168.5	161.3	158.3	156.1	153.1	150.6	147.7	144.4	140.4



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	194.2	177.1	165.1	158.6	155.6	152.9	150.8	148.2	145.2	141.9	138.1
115°	190.4	173.8	161.8	155.9	152.9	149.8	148.3	145.8	142.6	139.3	135.6
117.5°	185.4	169.6	158.3	152.1	149.1	146.6	144.7	142.4	139.6	136.4	132.9
120°	180.3	165.3	154.8	148.3	145.4	143.2	141.1	139.0	136.3	133.1	129.8
122.5°	174.6	160.3	150.3	143.9	141.1	139.0	137.2	135.1	132.3	129.1	125.8
125°	168.7	155.3	145.8	139.5	136.8	134.7	133.2	131.3	128.3	125.2	121.9
127.5°	162.6	150.0	140.7	134.6	132.4	130.5	128.7	126.8	124.3	121.3	118.1
130°	156.4	144.6	135.5	129.7	128.0	126.1	124.2	122.1	119.9	117.0	113.7
132.5°	148.9	138.1	129.9	124.3	122.6	120.8	119.0	116.9	114.8	112.1	108.9
135°	141.3	131.6	124.2	118.8	117.2	115.5	113.6	111.6	109.5	107.0	104.1
137.5°	134.0	125.0	117.9	112.8	111.2	109.6	107.9	105.9	103.9	101.7	99.2
140°	126.9	118.2	111.7	106.8	105.3	103.7	102.0	100.1	98.1	95.9	93.6
142.5°	118.4	110.2	104.5	100.3	98.9	97.4	95.7	93.9	92.0	89.9	87.7
145°	109.9	102.1	97.4	93.7	92.4	91.0	89.4	87.6	85.8	83.9	81.7
147.5°	101.8	94.5	90.4	86.7	85.4	84.1	82.5	81.0	79.5	77.9	75.9
150°	93.6	86.9	83.3	79.6	78.4	77.1	75.7	74.1	72.9	71.5	69.6
152.5°	84.4	78.7	75.4	72.0	70.9	69.6	68.5	67.3	66.0	64.5	62.7
155°	75.0	70.4	67.4	64.3	63.3	62.2	61.2	60.3	59.2	57.6	55.9
157.5°	65.2	61.8	59.3	56.7	55.8	54.8	53.8	53.0	52.0	50.7	49.1
160°	55.4	53.3	51.3	49.1	48.3	47.4	46.4	45.6	44.8	43.9	42.5
162.5°	46.3	44.6	42.8	40.9	40.4	39.7	39.0	38.3	37.5	36.7	35.7
165°	37.4	35.9	34.3	32.7	32.4	32.0	31.5	30.9	30.3	29.5	28.7
167.5°	29.5	28.3	27.0	25.6	25.2	24.8	24.3	23.7	23.0	22.4	21.8
170°	21.7	20.7	19.6	18.5	18.1	17.7	17.2	16.7	16.2	15.7	15.2
172.5°	14.4	13.6	12.8	12.0	11.8	11.7	11.4	11.2	10.9	10.6	10.3
175°	7.1	6.6	6.1	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
177.5°	3.6	3.3	3.0	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.0	1.9
5°	5.2	5.1	5.0	4.9	4.8	4.6	4.4	4.2	4.0	3.8	3.6
7.5°	10.0	9.6	9.1	8.7	8.2	7.7	7.2	6.7	6.1	5.6	5.1
10°	14.7	14.2	13.6	13.1	12.4	11.9	11.4	10.9	10.3	9.6	9.0
12.5°	21.0	20.2	19.4	18.6	17.8	17.0	16.1	15.2	14.3	13.4	12.5
15°	27.9	26.9	26.0	25.0	24.0	22.7	21.4	20.0	18.6	17.3	15.9
17.5°	34.6	33.4	32.2	30.8	29.2	27.6	26.0	24.6	23.1	21.5	19.9
20°	41.0	39.6	38.2	36.6	35.0	33.2	31.4	29.6	27.7	25.8	24.1
22.5°	47.5	46.0	44.5	42.8	40.8	38.7	36.7	34.8	32.8	30.7	28.5
25°	54.2	52.4	50.6	48.7	46.6	44.4	42.3	40.1	37.6	35.1	32.6
27.5°	60.7	58.7	56.9	55.0	52.7	50.2	47.7	45.0	42.2	39.6	37.0
30°	67.4	65.3	63.2	60.9	58.3	55.6	52.8	49.9	47.0	44.2	41.2
32.5°	73.8	71.6	69.3	66.7	63.9	61.1	58.0	54.7	51.6	48.4	45.1
35°	79.5	77.2	74.7	72.1	69.2	66.2	62.7	59.3	56.0	52.7	49.2
37.5°	85.3	82.8	80.3	77.0	73.8	70.7	67.3	63.9	60.6	57.1	53.2
40°	91.1	88.2	85.3	82.0	78.8	75.6	71.8	68.2	64.9	61.0	56.8
42.5°	96.4	93.3	90.6	87.3	83.7	80.0	76.1	72.7	68.8	64.7	60.4
45°	101.0	98.0	95.4	91.9	88.2	84.4	80.5	76.6	72.5	68.2	63.8
47.5°	105.7	102.9	99.8	96.2	92.4	88.4	84.2	80.2	76.1	71.7	66.8
50°	110.4	107.3	103.9	100.2	96.4	92.0	87.7	83.6	79.0	74.5	69.6
52.5°	114.9	111.5	107.9	103.8	99.6	95.4	91.1	86.4	81.9	77.5	72.5
55°	118.6	115.1	111.5	107.1	103.2	98.9	94.1	89.2	85.0	80.1	74.9
57.5°	122.2	118.8	114.9	110.6	106.7	102.0	97.1	92.4	87.9	82.1	77.0
60°	125.6	122.1	117.9	113.7	109.6	105.0	100.4	94.8	89.7	84.2	79.0
62.5°	128.6	125.3	120.9	116.4	111.9	107.3	102.4	96.8	92.0	86.2	80.9
65°	131.5	128.0	123.6	119.0	114.4	109.6	104.4	99.1	93.9	88.0	82.7
67.5°	134.2	130.5	126.1	121.6	117.0	111.5	106.5	101.2	95.6	89.9	84.0
70°	136.6	132.8	128.1	123.2	118.5	113.2	108.6	103.0	97.3	91.5	85.6
72.5°	138.6	134.6	129.8	124.8	119.9	114.7	109.9	104.3	98.6	92.5	86.9
75°	140.1	135.8	131.2	126.2	121.3	116.3	111.0	105.4	99.4	93.2	87.4
77.5°	141.1	136.8	132.5	127.3	122.7	117.6	112.1	106.0	99.9	93.9	87.7
80°	142.0	137.7	133.3	128.0	123.4	118.1	112.2	106.2	100.6	94.3	88.3
82.5°	142.9	138.2	133.8	128.4	124.0	118.6	112.3	106.7	101.2	94.8	88.3
85°	143.9	138.5	134.2	128.7	124.3	118.9	112.5	106.9	101.5	94.9	88.4
87.5°	143.9	138.4	134.1	129.1	124.4	118.9	112.8	106.9	101.5	94.9	88.4
90°	143.9	138.4	134.1	129.7	124.3	118.8	113.4	106.8	101.4	94.8	88.3
92.5°	143.9	138.4	134.1	129.1	124.4	118.9	112.8	106.9	101.5	94.9	88.4
95°	143.9	138.5	134.2	128.7	124.3	118.9	112.5	106.9	101.5	94.9	88.4
97.5°	142.9	138.2	133.8	128.4	124.0	118.6	112.3	106.7	101.2	94.8	88.3
100°	142.0	137.7	133.3	128.0	123.4	118.1	112.2	106.2	100.6	94.3	88.3
102.5°	141.1	136.8	132.5	127.3	122.7	117.6	112.1	106.0	99.9	93.9	87.7
105°	140.1	135.8	131.2	126.2	121.3	116.3	111.0	105.4	99.4	93.2	87.4
107.5°	138.6	134.6	129.8	124.8	119.9	114.7	109.9	104.3	98.6	92.5	86.9
110°	136.6	132.8	128.1	123.2	118.5	113.2	108.6	103.0	97.3	91.5	85.6



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	134.2	130.5	126.1	121.6	117.0	111.5	106.5	101.2	95.6	89.9	84.0
115°	131.5	128.0	123.6	119.0	114.4	109.6	104.4	99.1	93.9	88.0	82.7
117.5°	128.6	125.3	120.9	116.4	111.9	107.3	102.4	96.8	92.0	86.2	80.9
120°	125.6	122.1	117.9	113.7	109.6	105.0	100.4	94.8	89.7	84.2	79.0
122.5°	122.2	118.8	114.9	110.6	106.7	102.0	97.1	92.4	87.9	82.1	77.0
125°	118.6	115.1	111.5	107.1	103.2	98.9	94.1	89.2	85.0	80.1	74.9
127.5°	114.9	111.5	107.9	103.8	99.6	95.4	91.1	86.4	81.9	77.5	72.5
130°	110.4	107.3	103.9	100.2	96.4	92.0	87.7	83.6	79.0	74.5	69.6
132.5°	105.7	102.9	99.8	96.2	92.4	88.4	84.2	80.2	76.1	71.7	66.8
135°	101.0	98.0	95.4	91.9	88.2	84.4	80.5	76.6	72.5	68.2	63.8
137.5°	96.4	93.3	90.6	87.3	83.7	80.0	76.1	72.7	68.8	64.7	60.4
140°	91.1	88.2	85.3	82.0	78.8	75.6	71.8	68.2	64.9	61.0	56.8
142.5°	85.3	82.8	80.3	77.0	73.8	70.7	67.3	63.9	60.6	57.1	53.2
145°	79.5	77.2	74.7	72.1	69.2	66.2	62.7	59.3	56.0	52.7	49.2
147.5°	73.8	71.6	69.3	66.7	63.9	61.1	58.0	54.7	51.6	48.4	45.1
150°	67.4	65.3	63.2	60.9	58.3	55.6	52.8	49.9	47.0	44.2	41.2
152.5°	60.7	58.7	56.9	55.0	52.7	50.2	47.7	45.0	42.2	39.6	37.0
155°	54.2	52.4	50.6	48.7	46.6	44.4	42.3	40.1	37.6	35.1	32.6
157.5°	47.5	46.0	44.5	42.8	40.8	38.7	36.7	34.8	32.8	30.7	28.5
160°	41.0	39.6	38.2	36.6	35.0	33.2	31.4	29.6	27.7	25.8	24.1
162.5°	34.6	33.4	32.2	30.8	29.2	27.6	26.0	24.6	23.1	21.5	19.9
165°	27.9	26.9	26.0	25.0	24.0	22.7	21.4	20.0	18.6	17.3	15.9
167.5°	21.0	20.2	19.4	18.6	17.8	17.0	16.1	15.2	14.3	13.4	12.5
170°	14.7	14.2	13.6	13.1	12.4	11.9	11.4	10.9	10.3	9.6	9.0
172.5°	10.0	9.6	9.1	8.7	8.2	7.7	7.2	6.7	6.1	5.6	5.1
175°	5.2	5.1	5.0	4.9	4.8	4.6	4.4	4.2	4.0	3.8	3.6
177.5°	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.0	1.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	0.9	0.8
5°	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	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	7.6	6.8	6.0	5.3	4.4	4.1	3.8	3.4	3.0	2.7
12.5°	11.5	10.6	9.7	8.7	7.7	6.6	5.6	4.5	3.6	3.2	2.7
15°	14.4	13.1	11.9	10.7	9.6	8.5	7.3	6.2	5.0	3.8	3.0
17.5°	18.4	16.8	15.3	13.7	12.3	11.1	9.5	8.0	6.5	4.9	3.4
20°	22.4	20.6	18.8	16.8	14.9	12.9	11.0	9.4	7.7	6.1	4.5
22.5°	26.2	24.0	21.9	19.7	17.5	15.3	13.0	10.6	8.9	7.2	5.6
25°	30.2	27.8	25.3	22.7	20.3	17.8	15.2	12.6	10.1	8.4	6.7
27.5°	34.4	31.5	28.7	25.9	23.1	20.4	17.7	15.1	12.4	9.5	7.6
30°	38.0	34.7	31.9	29.0	26.1	22.8	19.4	16.4	13.5	10.8	8.1
32.5°	41.8	38.6	35.4	31.7	28.3	24.7	21.3	17.8	15.0	12.0	8.9
35°	45.5	41.9	38.3	34.6	30.7	26.9	23.5	20.1	16.6	13.3	10.1
37.5°	49.2	45.2	41.3	37.4	33.5	29.8	26.1	22.2	18.4	14.8	11.4
40°	52.7	48.8	44.6	40.4	36.3	32.2	27.9	23.6	19.5	15.4	11.7
42.5°	56.3	51.9	47.4	42.9	38.6	34.1	29.4	25.0	20.7	16.6	12.6
45°	59.3	54.7	49.9	45.1	40.7	35.8	31.1	26.5	21.8	17.3	12.9
47.5°	62.2	57.5	52.7	48.0	43.1	38.0	33.1	28.3	23.3	18.2	13.8
50°	65.0	60.1	55.2	49.9	44.6	39.7	34.6	29.4	24.3	19.1	14.3
52.5°	67.5	62.1	56.8	51.5	46.5	41.3	36.0	30.5	24.9	19.4	14.7
55°	69.7	64.2	58.8	53.8	48.3	43.0	37.2	31.5	25.5	19.8	15.0
57.5°	71.8	66.5	60.9	55.4	49.7	43.9	38.0	31.9	26.0	20.7	15.4
60°	73.9	68.0	62.5	57.2	51.3	45.2	39.0	32.5	26.5	21.0	15.6
62.5°	75.4	69.4	64.1	58.2	52.5	46.1	39.4	33.0	26.8	20.9	16.0
65°	76.9	70.9	65.0	59.1	53.5	46.9	40.0	33.5	26.9	20.8	15.8
67.5°	78.1	72.2	65.9	59.9	54.0	48.0	41.1	33.7	27.0	21.0	15.8
70°	79.4	73.4	67.3	60.9	54.4	48.2	41.3	34.0	26.9	20.5	15.2
72.5°	80.4	74.4	68.0	61.7	55.1	48.8	41.4	33.9	27.0	20.7	15.4
75°	80.9	75.1	68.4	62.5	55.1	49.3	42.3	34.3	26.8	20.4	14.3
77.5°	81.6	75.5	68.9	62.2	55.2	49.0	42.1	34.9	26.8	19.7	14.0
80°	82.1	75.6	68.9	62.3	55.5	48.7	42.0	35.0	27.2	19.7	13.2
82.5°	81.9	75.3	68.8	62.2	55.5	48.4	41.5	34.9	27.9	20.0	13.4
85°	81.9	75.3	68.7	61.9	54.6	47.9	41.2	34.0	27.6	20.4	12.8
87.5°	82.0	75.4	68.9	61.2	54.7	48.2	41.6	34.0	26.6	20.0	13.5
90°	81.8	75.2	68.7	61.0	54.5	48.0	40.3	32.7	26.2	19.6	12.0
92.5°	82.0	75.4	68.9	61.2	54.7	48.2	41.6	34.0	26.6	20.0	13.5
95°	81.9	75.3	68.7	61.9	54.6	47.9	41.2	34.0	27.6	20.4	12.8
97.5°	81.9	75.3	68.8	62.2	55.5	48.4	41.5	34.9	27.9	20.0	13.4
100°	82.1	75.6	68.9	62.3	55.5	48.7	42.0	35.0	27.2	19.7	13.2
102.5°	81.6	75.5	68.9	62.2	55.2	49.0	42.1	34.9	26.8	19.7	14.0
105°	80.9	75.1	68.4	62.5	55.1	49.3	42.3	34.3	26.8	20.4	14.3
107.5°	80.4	74.4	68.0	61.7	55.1	48.8	41.4	33.9	27.0	20.7	15.4
110°	79.4	73.4	67.3	60.9	54.4	48.2	41.3	34.0	26.9	20.5	15.2





TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	78.1	72.2	65.9	59.9	54.0	48.0	41.1	33.7	27.0	21.0	15.8
115°	76.9	70.9	65.0	59.1	53.5	46.9	40.0	33.5	26.9	20.8	15.8
117.5°	75.4	69.4	64.1	58.2	52.5	46.1	39.4	33.0	26.8	20.9	16.0
120°	73.9	68.0	62.5	57.2	51.3	45.2	39.0	32.5	26.5	21.0	15.6
122.5°	71.8	66.5	60.9	55.4	49.7	43.9	38.0	31.9	26.0	20.7	15.4
125°	69.7	64.2	58.8	53.8	48.3	43.0	37.2	31.5	25.5	19.8	15.0
127.5°	67.5	62.1	56.8	51.5	46.5	41.3	36.0	30.5	24.9	19.4	14.7
130°	65.0	60.1	55.2	49.9	44.6	39.7	34.6	29.4	24.3	19.1	14.3
132.5°	62.2	57.5	52.7	48.0	43.1	38.0	33.1	28.3	23.3	18.2	13.8
135°	59.3	54.7	49.9	45.1	40.7	35.8	31.1	26.5	21.8	17.3	12.9
137.5°	56.3	51.9	47.4	42.9	38.6	34.1	29.4	25.0	20.7	16.6	12.6
140°	52.7	48.8	44.6	40.4	36.3	32.2	27.9	23.6	19.5	15.4	11.7
142.5°	49.2	45.2	41.3	37.4	33.5	29.8	26.1	22.2	18.4	14.8	11.4
145°	45.5	41.9	38.3	34.6	30.7	26.9	23.5	20.1	16.6	13.3	10.1
147.5°	41.8	38.6	35.4	31.7	28.3	24.7	21.3	17.8	15.0	12.0	8.9
150°	38.0	34.7	31.9	29.0	26.1	22.8	19.4	16.4	13.5	10.8	8.1
152.5°	34.4	31.5	28.7	25.9	23.1	20.4	17.7	15.1	12.4	9.5	7.6
155°	30.2	27.8	25.3	22.7	20.3	17.8	15.2	12.6	10.1	8.4	6.7
157.5°	26.2	24.0	21.9	19.7	17.5	15.3	13.0	10.6	8.9	7.2	5.6
160°	22.4	20.6	18.8	16.8	14.9	12.9	11.0	9.4	7.7	6.1	4.5
162.5°	18.4	16.8	15.3	13.7	12.3	11.1	9.5	8.0	6.5	4.9	3.4
165°	14.4	13.1	11.9	10.7	9.6	8.5	7.3	6.2	5.0	3.8	3.0
167.5°	11.5	10.6	9.7	8.7	7.7	6.6	5.6	4.5	3.6	3.2	2.7
170°	8.3	7.6	6.8	6.0	5.3	4.4	4.1	3.8	3.4	3.0	2.7
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°	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
177.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	0.9	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: P232039

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.7	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°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
12.5°	2.3	1.9	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
15°	2.6	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
17.5°	2.3	1.9	1.5	1.1	0.7	0.3	0.0	0.3	0.7	1.1	1.5
20°	2.9	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
22.5°	4.0	2.4	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
25°	5.1	3.4	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
27.5°	5.6	3.6	1.6	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.6
30°	6.0	4.0	2.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.1
32.5°	6.3	4.4	2.6	1.0	0.7	0.4	0.0	0.4	0.7	1.0	2.6
35°	7.0	5.0	3.2	1.3	0.8	0.4	0.0	0.4	0.8	1.3	3.2
37.5°	8.1	5.4	3.5	1.8	0.8	0.4	0.0	0.4	0.8	1.8	3.5
40°	8.5	5.3	3.5	2.0	0.9	0.5	0.0	0.5	0.9	2.0	3.5
42.5°	8.9	5.6	3.0	1.4	0.1	0.0	0.0	0.0	0.1	1.4	3.0
45°	8.9	6.0	3.2	1.6	0.0	0.0	0.0	0.0	0.0	1.6	3.2
47.5°	9.7	6.4	3.4	1.5	0.2	0.0	0.0	0.0	0.2	1.5	3.4
50°	10.3	6.7	3.8	1.7	0.4	0.0	0.0	0.0	0.4	1.7	3.8
52.5°	10.5	6.7	3.7	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.7
55°	10.4	6.4	3.3	1.4	0.5	0.0	0.0	0.0	0.5	1.4	3.3
57.5°	10.4	6.4	3.0	1.6	0.6	0.0	0.0	0.0	0.6	1.6	3.0
60°	10.7	6.8	3.4	1.4	0.1	0.0	0.0	0.0	0.1	1.4	3.4
62.5°	11.0	6.6	3.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	3.3
65°	10.9	6.7	3.2	1.3	0.1	0.0	0.0	0.0	0.1	1.3	3.2
67.5°	10.8	6.6	3.2	1.4	0.4	0.0	1.1	0.0	0.4	1.4	3.2
70°	10.8	6.7	3.4	1.1	0.2	0.0	1.1	0.0	0.2	1.1	3.4
72.5°	10.0	6.0	3.1	1.2	0.0	0.4	1.1	0.4	0.0	1.2	3.1
75°	9.7	5.6	3.1	1.0	0.0	0.2	1.1	0.2	0.0	1.0	3.1
77.5°	9.7	5.5	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.6
80°	8.6	4.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
82.5°	7.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	7.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	7.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	8.6	4.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
102.5°	9.7	5.5	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.6
105°	9.7	5.6	3.1	1.0	0.0	0.2	1.1	0.2	0.0	1.0	3.1
107.5°	10.0	6.0	3.1	1.2	0.0	0.4	1.1	0.4	0.0	1.2	3.1
110°	10.8	6.7	3.4	1.1	0.2	0.0	1.1	0.0	0.2	1.1	3.4



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	10.8	6.6	3.2	1.4	0.4	0.0	1.1	0.0	0.4	1.4	3.2
115°	10.9	6.7	3.2	1.3	0.1	0.0	0.0	0.0	0.1	1.3	3.2
117.5°	11.0	6.6	3.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	3.3
120°	10.7	6.8	3.4	1.4	0.1	0.0	0.0	0.0	0.1	1.4	3.4
122.5°	10.4	6.4	3.0	1.6	0.6	0.0	0.0	0.0	0.6	1.6	3.0
125°	10.4	6.4	3.3	1.4	0.5	0.0	0.0	0.0	0.5	1.4	3.3
127.5°	10.5	6.7	3.7	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.7
130°	10.3	6.7	3.8	1.7	0.4	0.0	0.0	0.0	0.4	1.7	3.8
132.5°	9.7	6.4	3.4	1.5	0.2	0.0	0.0	0.0	0.2	1.5	3.4
135°	8.9	6.0	3.2	1.6	0.0	0.0	0.0	0.0	0.0	1.6	3.2
137.5°	8.9	5.6	3.0	1.4	0.1	0.0	0.0	0.0	0.1	1.4	3.0
140°	8.5	5.3	3.5	2.0	0.9	0.5	0.0	0.5	0.9	2.0	3.5
142.5°	8.1	5.4	3.5	1.8	0.8	0.4	0.0	0.4	0.8	1.8	3.5
145°	7.0	5.0	3.2	1.3	0.8	0.4	0.0	0.4	0.8	1.3	3.2
147.5°	6.3	4.4	2.6	1.0	0.7	0.4	0.0	0.4	0.7	1.0	2.6
150°	6.0	4.0	2.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.1
152.5°	5.6	3.6	1.6	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.6
155°	5.1	3.4	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
157.5°	4.0	2.4	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
160°	2.9	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
162.5°	2.3	1.9	1.5	1.1	0.7	0.3	0.0	0.3	0.7	1.1	1.5
165°	2.6	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
167.5°	2.3	1.9	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
170°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
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: P232039

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.6	0.7	0.8	0.9	1.1	1.2	1.3	1.4	1.5	1.6	1.7
5°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0
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°	1.9	2.3	2.7	3.0	3.4	3.8	4.1	4.4	5.3	6.0	6.8
12.5°	1.9	2.3	2.7	3.2	3.6	4.5	5.6	6.6	7.7	8.7	9.7
15°	2.2	2.6	3.0	3.8	5.0	6.2	7.3	8.5	9.6	10.7	11.9
17.5°	1.9	2.3	3.4	4.9	6.5	8.0	9.5	11.1	12.3	13.7	15.3
20°	2.0	2.9	4.5	6.1	7.7	9.4	11.0	12.9	14.9	16.8	18.8
22.5°	2.4	4.0	5.6	7.2	8.9	10.6	13.0	15.3	17.5	19.7	21.9
25°	3.4	5.1	6.7	8.4	10.1	12.6	15.2	17.8	20.3	22.7	25.3
27.5°	3.6	5.6	7.6	9.5	12.4	15.1	17.7	20.4	23.1	25.9	28.7
30°	4.0	6.0	8.1	10.8	13.5	16.4	19.4	22.8	26.1	29.0	31.9
32.5°	4.4	6.3	8.9	12.0	15.0	17.8	21.3	24.7	28.3	31.7	35.4
35°	5.0	7.0	10.1	13.3	16.6	20.1	23.5	26.9	30.7	34.6	38.3
37.5°	5.4	8.1	11.4	14.8	18.4	22.2	26.1	29.8	33.5	37.4	41.3
40°	5.3	8.5	11.7	15.4	19.5	23.6	27.9	32.2	36.3	40.4	44.6
42.5°	5.6	8.9	12.6	16.6	20.7	25.0	29.4	34.1	38.6	42.9	47.4
45°	6.0	8.9	12.9	17.3	21.8	26.5	31.1	35.8	40.7	45.1	49.9
47.5°	6.4	9.7	13.8	18.2	23.3	28.3	33.1	38.0	43.1	48.0	52.7
50°	6.7	10.3	14.3	19.1	24.3	29.4	34.6	39.7	44.6	49.9	55.2
52.5°	6.7	10.5	14.7	19.4	24.9	30.5	36.0	41.3	46.5	51.5	56.8
55°	6.4	10.4	15.0	19.8	25.5	31.5	37.2	43.0	48.3	53.8	58.8
57.5°	6.4	10.4	15.4	20.7	26.0	31.9	38.0	43.9	49.7	55.4	60.9
60°	6.8	10.7	15.6	21.0	26.5	32.5	39.0	45.2	51.3	57.2	62.5
62.5°	6.6	11.0	16.0	20.9	26.8	33.0	39.4	46.1	52.5	58.2	64.1
65°	6.7	10.9	15.8	20.8	26.9	33.5	40.0	46.9	53.5	59.1	65.0
67.5°	6.6	10.8	15.8	21.0	27.0	33.7	41.1	48.0	54.0	59.9	65.9
70°	6.7	10.8	15.2	20.5	26.9	34.0	41.3	48.2	54.4	60.9	67.3
72.5°	6.0	10.0	15.4	20.7	27.0	33.9	41.4	48.8	55.1	61.7	68.0
75°	5.6	9.7	14.3	20.4	26.8	34.3	42.3	49.3	55.1	62.5	68.4
77.5°	5.5	9.7	14.0	19.7	26.8	34.9	42.1	49.0	55.2	62.2	68.9
80°	4.6	8.6	13.2	19.7	27.2	35.0	42.0	48.7	55.5	62.3	68.9
82.5°	2.7	7.7	13.4	20.0	27.9	34.9	41.5	48.4	55.5	62.2	68.8
85°	1.7	6.7	12.8	20.4	27.6	34.0	41.2	47.9	54.6	61.9	68.7
87.5°	0.6	7.0	13.5	20.0	26.6	34.0	41.6	48.2	54.7	61.2	68.9
90°	0.0	6.5	12.0	19.6	26.2	32.7	40.3	48.0	54.5	61.0	68.7
92.5°	0.6	7.0	13.5	20.0	26.6	34.0	41.6	48.2	54.7	61.2	68.9
95°	1.7	6.7	12.8	20.4	27.6	34.0	41.2	47.9	54.6	61.9	68.7
97.5°	2.7	7.7	13.4	20.0	27.9	34.9	41.5	48.4	55.5	62.2	68.8
100°	4.6	8.6	13.2	19.7	27.2	35.0	42.0	48.7	55.5	62.3	68.9
102.5°	5.5	9.7	14.0	19.7	26.8	34.9	42.1	49.0	55.2	62.2	68.9
105°	5.6	9.7	14.3	20.4	26.8	34.3	42.3	49.3	55.1	62.5	68.4
107.5°	6.0	10.0	15.4	20.7	27.0	33.9	41.4	48.8	55.1	61.7	68.0
110°	6.7	10.8	15.2	20.5	26.9	34.0	41.3	48.2	54.4	60.9	67.3



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	6.6	10.8	15.8	21.0	27.0	33.7	41.1	48.0	54.0	59.9	65.9
115°	6.7	10.9	15.8	20.8	26.9	33.5	40.0	46.9	53.5	59.1	65.0
117.5°	6.6	11.0	16.0	20.9	26.8	33.0	39.4	46.1	52.5	58.2	64.1
120°	6.8	10.7	15.6	21.0	26.5	32.5	39.0	45.2	51.3	57.2	62.5
122.5°	6.4	10.4	15.4	20.7	26.0	31.9	38.0	43.9	49.7	55.4	60.9
125°	6.4	10.4	15.0	19.8	25.5	31.5	37.2	43.0	48.3	53.8	58.8
127.5°	6.7	10.5	14.7	19.4	24.9	30.5	36.0	41.3	46.5	51.5	56.8
130°	6.7	10.3	14.3	19.1	24.3	29.4	34.6	39.7	44.6	49.9	55.2
132.5°	6.4	9.7	13.8	18.2	23.3	28.3	33.1	38.0	43.1	48.0	52.7
135°	6.0	8.9	12.9	17.3	21.8	26.5	31.1	35.8	40.7	45.1	49.9
137.5°	5.6	8.9	12.6	16.6	20.7	25.0	29.4	34.1	38.6	42.9	47.4
140°	5.3	8.5	11.7	15.4	19.5	23.6	27.9	32.2	36.3	40.4	44.6
142.5°	5.4	8.1	11.4	14.8	18.4	22.2	26.1	29.8	33.5	37.4	41.3
145°	5.0	7.0	10.1	13.3	16.6	20.1	23.5	26.9	30.7	34.6	38.3
147.5°	4.4	6.3	8.9	12.0	15.0	17.8	21.3	24.7	28.3	31.7	35.4
150°	4.0	6.0	8.1	10.8	13.5	16.4	19.4	22.8	26.1	29.0	31.9
152.5°	3.6	5.6	7.6	9.5	12.4	15.1	17.7	20.4	23.1	25.9	28.7
155°	3.4	5.1	6.7	8.4	10.1	12.6	15.2	17.8	20.3	22.7	25.3
157.5°	2.4	4.0	5.6	7.2	8.9	10.6	13.0	15.3	17.5	19.7	21.9
160°	2.0	2.9	4.5	6.1	7.7	9.4	11.0	12.9	14.9	16.8	18.8
162.5°	1.9	2.3	3.4	4.9	6.5	8.0	9.5	11.1	12.3	13.7	15.3
165°	2.2	2.6	3.0	3.8	5.0	6.2	7.3	8.5	9.6	10.7	11.9
167.5°	1.9	2.3	2.7	3.2	3.6	4.5	5.6	6.6	7.7	8.7	9.7
170°	1.9	2.3	2.7	3.0	3.4	3.8	4.1	4.4	5.3	6.0	6.8
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	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0
177.5°	0.6	0.7	0.8	0.9	1.1	1.2	1.3	1.4	1.5	1.6	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: P232039

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.8	1.9	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.4	2.5
5°	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	4.9	5.0
7.5°	4.3	4.4	5.1	5.6	6.1	6.7	7.2	7.7	8.2	8.7	9.1
10°	7.6	8.3	9.0	9.6	10.3	10.9	11.4	11.9	12.4	13.1	13.6
12.5°	10.6	11.5	12.5	13.4	14.3	15.2	16.1	17.0	17.8	18.6	19.4
15°	13.1	14.4	15.9	17.3	18.6	20.0	21.4	22.7	24.0	25.0	26.0
17.5°	16.8	18.4	19.9	21.5	23.1	24.6	26.0	27.6	29.2	30.8	32.2
20°	20.6	22.4	24.1	25.8	27.7	29.6	31.4	33.2	35.0	36.6	38.2
22.5°	24.0	26.2	28.5	30.7	32.8	34.8	36.7	38.7	40.8	42.8	44.5
25°	27.8	30.2	32.6	35.1	37.6	40.1	42.3	44.4	46.6	48.7	50.6
27.5°	31.5	34.4	37.0	39.6	42.2	45.0	47.7	50.2	52.7	55.0	56.9
30°	34.7	38.0	41.2	44.2	47.0	49.9	52.8	55.6	58.3	60.9	63.2
32.5°	38.6	41.8	45.1	48.4	51.6	54.7	58.0	61.1	63.9	66.7	69.3
35°	41.9	45.5	49.2	52.7	56.0	59.3	62.7	66.2	69.2	72.1	74.7
37.5°	45.2	49.2	53.2	57.1	60.6	63.9	67.3	70.7	73.8	77.0	80.3
40°	48.8	52.7	56.8	61.0	64.9	68.2	71.8	75.6	78.8	82.0	85.3
42.5°	51.9	56.3	60.4	64.7	68.8	72.7	76.1	80.0	83.7	87.3	90.6
45°	54.7	59.3	63.8	68.2	72.5	76.6	80.5	84.4	88.2	91.9	95.4
47.5°	57.5	62.2	66.8	71.7	76.1	80.2	84.2	88.4	92.4	96.2	99.8
50°	60.1	65.0	69.6	74.5	79.0	83.6	87.7	92.0	96.4	100.2	103.9
52.5°	62.1	67.5	72.5	77.5	81.9	86.4	91.1	95.4	99.6	103.8	107.9
55°	64.2	69.7	74.9	80.1	85.0	89.2	94.1	98.9	103.2	107.1	111.5
57.5°	66.5	71.8	77.0	82.1	87.9	92.4	97.1	102.0	106.7	110.6	114.9
60°	68.0	73.9	79.0	84.2	89.7	94.8	100.4	105.0	109.6	113.7	117.9
62.5°	69.4	75.4	80.9	86.2	92.0	96.8	102.4	107.3	111.9	116.4	120.9
65°	70.9	76.9	82.7	88.0	93.9	99.1	104.4	109.6	114.4	119.0	123.6
67.5°	72.2	78.1	84.0	89.9	95.6	101.2	106.5	111.5	117.0	121.6	126.1
70°	73.4	79.4	85.6	91.5	97.3	103.0	108.6	113.2	118.5	123.2	128.1
72.5°	74.4	80.4	86.9	92.5	98.6	104.3	109.9	114.7	119.9	124.8	129.8
75°	75.1	80.9	87.4	93.2	99.4	105.4	111.0	116.3	121.3	126.2	131.2
77.5°	75.5	81.6	87.7	93.9	99.9	106.0	112.1	117.6	122.7	127.3	132.5
80°	75.6	82.1	88.3	94.3	100.6	106.2	112.2	118.1	123.4	128.0	133.3
82.5°	75.3	81.9	88.3	94.8	101.2	106.7	112.3	118.6	124.0	128.4	133.8
85°	75.3	81.9	88.4	94.9	101.5	106.9	112.5	118.9	124.3	128.7	134.2
87.5°	75.4	82.0	88.4	94.9	101.5	106.9	112.5	118.9	124.3	128.7	134.2
90°	75.2	81.8	88.3	94.8	101.4	106.8	113.4	118.8	124.3	129.7	134.1
92.5°	75.4	82.0	88.4	94.9	101.5	106.9	112.8	118.9	124.4	129.1	134.1
95°	75.3	81.9	88.4	94.9	101.5	106.9	112.5	118.9	124.3	128.7	134.2
97.5°	75.3	81.9	88.3	94.8	101.2	106.7	112.3	118.6	124.0	128.4	133.8
100°	75.6	82.1	88.3	94.3	100.6	106.2	112.2	118.1	123.4	128.0	133.3
102.5°	75.5	81.6	87.7	93.9	99.9	106.0	112.1	117.6	122.7	127.3	132.5
105°	75.1	80.9	87.4	93.2	99.4	105.4	111.0	116.3	121.3	126.2	131.2
107.5°	74.4	80.4	86.9	92.5	98.6	104.3	109.9	114.7	119.9	124.8	129.8
110°	73.4	79.4	85.6	91.5	97.3	103.0	108.6	113.2	118.5	123.2	128.1



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	72.2	78.1	84.0	89.9	95.6	101.2	106.5	111.5	117.0	121.6	126.1
115°	70.9	76.9	82.7	88.0	93.9	99.1	104.4	109.6	114.4	119.0	123.6
117.5°	69.4	75.4	80.9	86.2	92.0	96.8	102.4	107.3	111.9	116.4	120.9
120°	68.0	73.9	79.0	84.2	89.7	94.8	100.4	105.0	109.6	113.7	117.9
122.5°	66.5	71.8	77.0	82.1	87.9	92.4	97.1	102.0	106.7	110.6	114.9
125°	64.2	69.7	74.9	80.1	85.0	89.2	94.1	98.9	103.2	107.1	111.5
127.5°	62.1	67.5	72.5	77.5	81.9	86.4	91.1	95.4	99.6	103.8	107.9
130°	60.1	65.0	69.6	74.5	79.0	83.6	87.7	92.0	96.4	100.2	103.9
132.5°	57.5	62.2	66.8	71.7	76.1	80.2	84.2	88.4	92.4	96.2	99.8
135°	54.7	59.3	63.8	68.2	72.5	76.6	80.5	84.4	88.2	91.9	95.4
137.5°	51.9	56.3	60.4	64.7	68.8	72.7	76.1	80.0	83.7	87.3	90.6
140°	48.8	52.7	56.8	61.0	64.9	68.2	71.8	75.6	78.8	82.0	85.3
142.5°	45.2	49.2	53.2	57.1	60.6	63.9	67.3	70.7	73.8	77.0	80.3
145°	41.9	45.5	49.2	52.7	56.0	59.3	62.7	66.2	69.2	72.1	74.7
147.5°	38.6	41.8	45.1	48.4	51.6	54.7	58.0	61.1	63.9	66.7	69.3
150°	34.7	38.0	41.2	44.2	47.0	49.9	52.8	55.6	58.3	60.9	63.2
152.5°	31.5	34.4	37.0	39.6	42.2	45.0	47.7	50.2	52.7	55.0	56.9
155°	27.8	30.2	32.6	35.1	37.6	40.1	42.3	44.4	46.6	48.7	50.6
157.5°	24.0	26.2	28.5	30.7	32.8	34.8	36.7	38.7	40.8	42.8	44.5
160°	20.6	22.4	24.1	25.8	27.7	29.6	31.4	33.2	35.0	36.6	38.2
162.5°	16.8	18.4	19.9	21.5	23.1	24.6	26.0	27.6	29.2	30.8	32.2
165°	13.1	14.4	15.9	17.3	18.6	20.0	21.4	22.7	24.0	25.0	26.0
167.5°	10.6	11.5	12.5	13.4	14.3	15.2	16.1	17.0	17.8	18.6	19.4
170°	7.6	8.3	9.0	9.6	10.3	10.9	11.4	11.9	12.4	13.1	13.6
172.5°	4.3	4.4	5.1	5.6	6.1	6.7	7.2	7.7	8.2	8.7	9.1
175°	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	4.9	5.0
177.5°	1.8	1.9	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.4	2.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.8	3.0
5°	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5	5.5	5.5	6.1
7.5°	9.6	10.0	10.3	10.6	10.9	11.2	11.4	11.7	11.8	12.0	12.8
10°	14.2	14.7	15.2	15.7	16.2	16.7	17.2	17.7	18.1	18.5	19.6
12.5°	20.2	21.0	21.8	22.4	23.0	23.7	24.3	24.8	25.2	25.6	27.0
15°	26.9	27.9	28.7	29.5	30.3	30.9	31.5	32.0	32.4	32.7	34.3
17.5°	33.4	34.6	35.7	36.7	37.5	38.3	39.0	39.7	40.4	40.9	42.8
20°	39.6	41.0	42.5	43.9	44.8	45.6	46.4	47.4	48.3	49.1	51.3
22.5°	46.0	47.5	49.1	50.7	52.0	53.0	53.8	54.8	55.8	56.7	59.3
25°	52.4	54.2	55.9	57.6	59.2	60.3	61.2	62.2	63.3	64.3	67.4
27.5°	58.7	60.7	62.7	64.5	66.0	67.3	68.5	69.6	70.9	72.0	75.4
30°	65.3	67.4	69.6	71.5	72.9	74.1	75.7	77.1	78.4	79.6	83.3
32.5°	71.6	73.8	75.9	77.9	79.5	81.0	82.5	84.1	85.4	86.7	90.4
35°	77.2	79.5	81.7	83.9	85.8	87.6	89.4	91.0	92.4	93.7	97.4
37.5°	82.8	85.3	87.7	89.9	92.0	93.9	95.7	97.4	98.9	100.3	104.5
40°	88.2	91.1	93.6	95.9	98.1	100.1	102.0	103.7	105.3	106.8	111.7
42.5°	93.3	96.4	99.2	101.7	103.9	105.9	107.9	109.6	111.2	112.8	117.9
45°	98.0	101.0	104.1	107.0	109.5	111.6	113.6	115.5	117.2	118.8	124.2
47.5°	102.9	105.7	108.9	112.1	114.8	116.9	119.0	120.8	122.6	124.3	129.9
50°	107.3	110.4	113.7	117.0	119.9	122.1	124.2	126.1	128.0	129.7	135.5
52.5°	111.5	114.9	118.1	121.3	124.3	126.8	128.7	130.5	132.4	134.6	140.7
55°	115.1	118.6	121.9	125.2	128.3	131.3	133.2	134.7	136.8	139.5	145.8
57.5°	118.8	122.2	125.8	129.1	132.3	135.1	137.2	139.0	141.1	143.9	150.3
60°	122.1	125.6	129.8	133.1	136.3	139.0	141.1	143.2	145.4	148.3	154.8
62.5°	125.3	128.6	132.9	136.4	139.6	142.4	144.7	146.6	149.1	152.1	158.3
65°	128.0	131.5	135.6	139.3	142.6	145.8	148.3	149.8	152.9	155.9	161.8
67.5°	130.5	134.2	138.1	141.9	145.2	148.2	150.8	152.9	155.6	158.6	165.1
70°	132.8	136.6	140.4	144.4	147.7	150.6	153.1	156.1	158.3	161.3	168.5
72.5°	134.6	138.6	142.3	146.2	149.8	152.8	155.1	158.2	160.4	163.5	171.3
75°	135.8	140.1	144.1	147.7	151.8	154.9	157.2	160.3	162.5	165.7	174.4
77.5°	136.8	141.1	145.4	149.1	152.9	156.1	158.7	161.4	163.6	167.4	174.9
80°	137.7	142.0	146.4	150.5	153.9	157.1	160.2	162.5	164.7	169.0	175.5
82.5°	138.2	142.9	146.8	151.1	154.4	158.1	160.8	163.5	165.7	169.6	176.6
85°	138.5	143.9	147.3	151.5	154.9	159.2	161.3	164.6	166.8	170.1	177.7
87.5°	138.4	143.9	147.8	152.0	155.4	159.2	161.9	164.6	166.8	170.6	177.7
90°	138.4	143.9	148.3	152.6	155.9	159.2	162.4	164.6	166.8	171.1	177.7
92.5°	138.4	143.9	147.8	152.0	155.4	159.2	161.9	164.6	166.8	170.6	177.7
95°	138.5	143.9	147.3	151.5	154.9	159.2	161.3	164.6	166.8	170.1	177.7
97.5°	138.2	142.9	146.8	151.1	154.4	158.1	160.8	163.5	165.7	169.6	176.6
100°	137.7	142.0	146.4	150.5	153.9	157.1	160.2	162.5	164.7	169.0	175.5
102.5°	136.8	141.1	145.4	149.1	152.9	156.1	158.7	161.4	163.6	167.4	174.9
105°	135.8	140.1	144.1	147.7	151.8	154.9	157.2	160.3	162.5	165.7	174.4
107.5°	134.6	138.6	142.3	146.2	149.8	152.8	155.1	158.2	160.4	163.5	171.3
110°	132.8	136.6	140.4	144.4	147.7	150.6	153.1	156.1	158.3	161.3	168.5





TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	130.5	134.2	138.1	141.9	145.2	148.2	150.8	152.9	155.6	158.6	165.1
115°	128.0	131.5	135.6	139.3	142.6	145.8	148.3	149.8	152.9	155.9	161.8
117.5°	125.3	128.6	132.9	136.4	139.6	142.4	144.7	146.6	149.1	152.1	158.3
120°	122.1	125.6	129.8	133.1	136.3	139.0	141.1	143.2	145.4	148.3	154.8
122.5°	118.8	122.2	125.8	129.1	132.3	135.1	137.2	139.0	141.1	143.9	150.3
125°	115.1	118.6	121.9	125.2	128.3	131.3	133.2	134.7	136.8	139.5	145.8
127.5°	111.5	114.9	118.1	121.3	124.3	126.8	128.7	130.5	132.4	134.6	140.7
130°	107.3	110.4	113.7	117.0	119.9	122.1	124.2	126.1	128.0	129.7	135.5
132.5°	102.9	105.7	108.9	112.1	114.8	116.9	119.0	120.8	122.6	124.3	129.9
135°	98.0	101.0	104.1	107.0	109.5	111.6	113.6	115.5	117.2	118.8	124.2
137.5°	93.3	96.4	99.2	101.7	103.9	105.9	107.9	109.6	111.2	112.8	117.9
140°	88.2	91.1	93.6	95.9	98.1	100.1	102.0	103.7	105.3	106.8	111.7
142.5°	82.8	85.3	87.7	89.9	92.0	93.9	95.7	97.4	98.9	100.3	104.5
145°	77.2	79.5	81.7	83.9	85.8	87.6	89.4	91.0	92.4	93.7	97.4
147.5°	71.6	73.8	75.9	77.9	79.5	81.0	82.5	84.1	85.4	86.7	90.4
150°	65.3	67.4	69.6	71.5	72.9	74.1	75.7	77.1	78.4	79.6	83.3
152.5°	58.7	60.7	62.7	64.5	66.0	67.3	68.5	69.6	70.9	72.0	75.4
155°	52.4	54.2	55.9	57.6	59.2	60.3	61.2	62.2	63.3	64.3	67.4
157.5°	46.0	47.5	49.1	50.7	52.0	53.0	53.8	54.8	55.8	56.7	59.3
160°	39.6	41.0	42.5	43.9	44.8	45.6	46.4	47.4	48.3	49.1	51.3
162.5°	33.4	34.6	35.7	36.7	37.5	38.3	39.0	39.7	40.4	40.9	42.8
165°	26.9	27.9	28.7	29.5	30.3	30.9	31.5	32.0	32.4	32.7	34.3
167.5°	20.2	21.0	21.8	22.4	23.0	23.7	24.3	24.8	25.2	25.6	27.0
170°	14.2	14.7	15.2	15.7	16.2	16.7	17.2	17.7	18.1	18.5	19.6
172.5°	9.6	10.0	10.3	10.6	10.9	11.2	11.4	11.7	11.8	12.0	12.8
175°	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5	5.5	5.5	6.1
177.5°	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.8	3.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6
5°	6.6	7.1	7.7	8.2	8.7	9.2	9.6	10.1	10.5	10.9	11.3
7.5°	13.6	14.4	15.1	15.8	16.4	17.0	17.7	19.2	20.7	22.0	23.4
10°	20.7	21.7	22.7	23.6	24.7	26.7	28.7	30.6	32.5	34.3	36.1
12.5°	28.3	29.5	30.7	32.4	35.1	37.7	40.2	42.6	45.4	48.7	51.8
15°	35.9	37.4	39.0	42.6	46.0	49.2	52.5	56.6	60.6	64.4	68.6
17.5°	44.6	46.3	49.4	53.2	56.9	61.0	66.1	71.0	75.6	80.9	86.4
20°	53.3	55.4	59.5	63.4	67.6	74.0	80.2	86.1	92.2	98.3	104.3
22.5°	61.8	65.2	69.9	74.4	80.8	87.9	94.8	101.7	108.2	114.8	122.8
25°	70.4	75.0	80.5	86.3	94.2	101.8	109.8	117.6	125.4	133.7	142.0
27.5°	78.7	84.4	90.4	97.9	106.2	114.9	124.3	133.4	142.5	151.3	160.8
30°	86.9	93.6	100.2	108.7	117.7	127.8	138.1	148.9	159.3	169.4	179.6
32.5°	94.5	101.8	109.6	119.0	129.2	140.8	152.6	164.7	176.1	186.5	197.2
35°	102.1	109.9	119.0	129.4	141.4	154.5	166.7	179.4	191.3	203.0	215.1
37.5°	110.2	118.4	128.7	140.0	153.3	166.6	180.2	193.7	207.7	220.4	233.5
40°	118.2	126.9	138.5	150.9	164.7	178.8	192.9	207.3	221.8	236.6	250.3
42.5°	125.0	134.0	146.8	160.5	175.1	190.5	205.6	220.8	236.2	251.5	266.1
45°	131.6	141.3	154.7	169.6	185.5	202.4	218.1	234.2	250.9	266.5	282.0
47.5°	138.1	148.9	162.6	178.5	195.6	213.4	229.7	247.7	265.2	282.3	297.2
50°	144.6	156.4	170.5	187.3	205.3	223.0	239.9	259.3	277.2	294.4	311.4
52.5°	150.0	162.6	177.9	195.1	214.4	232.2	250.5	270.4	288.7	306.7	324.2
55°	155.3	168.7	185.0	202.8	223.3	241.4	260.9	281.0	300.3	318.9	337.2
57.5°	160.3	174.6	191.6	210.3	231.3	250.3	270.6	291.4	311.6	331.0	350.6
60°	165.3	180.3	198.0	217.5	238.6	259.1	279.4	300.9	321.3	341.4	361.0
62.5°	169.6	185.4	203.5	223.6	245.3	266.6	287.5	309.8	330.2	350.9	371.0
65°	173.8	190.4	208.6	229.4	251.3	272.9	295.1	317.6	337.9	359.6	380.0
67.5°	177.1	194.2	213.3	234.4	256.4	278.8	301.9	324.5	345.5	367.5	387.7
70°	180.4	197.9	217.8	238.9	260.9	284.2	307.9	330.8	353.0	374.5	394.6
72.5°	183.0	201.0	220.6	243.0	265.6	289.4	312.8	336.5	359.4	380.7	400.9
75°	185.5	203.9	222.8	246.9	270.2	294.1	316.8	341.4	364.0	385.4	406.6
77.5°	187.4	205.7	225.2	249.7	272.8	297.7	320.7	345.4	367.6	389.6	411.6
80°	189.7	207.3	227.5	252.0	274.7	300.8	324.5	348.4	370.1	393.1	414.9
82.5°	190.8	208.7	230.5	253.5	277.1	302.9	326.0	350.9	373.0	396.2	417.8
85°	191.9	209.3	232.1	255.1	280.1	305.1	327.1	354.1	375.9	398.8	420.5
87.5°	191.4	209.8	231.1	255.1	279.7	305.7	327.5	353.3	376.7	400.1	421.0
90°	190.8	210.4	230.0	255.1	279.1	306.3	328.1	352.1	376.1	400.1	419.7
92.5°	191.4	209.8	231.1	255.1	279.7	305.7	327.5	353.3	376.7	400.1	421.0
95°	191.9	209.3	232.1	255.1	280.1	305.1	327.1	354.1	375.9	398.8	420.5
97.5°	190.8	208.7	230.5	253.5	277.1	302.9	326.0	350.9	373.0	396.2	417.8
100°	189.7	207.3	227.5	252.0	274.7	300.8	324.5	348.4	370.1	393.1	414.9
102.5°	187.4	205.7	225.2	249.7	272.8	297.7	320.7	345.4	367.6	389.6	411.6
105°	185.5	203.9	222.8	246.9	270.2	294.1	316.8	341.4	364.0	385.4	406.6
107.5°	183.0	201.0	220.6	243.0	265.6	289.4	312.8	336.5	359.4	380.7	400.9
110°	180.4	197.9	217.8	238.9	260.9	284.2	307.9	330.8	353.0	374.5	394.6



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	177.1	194.2	213.3	234.4	256.4	278.8	301.9	324.5	345.5	367.5	387.7
115°	173.8	190.4	208.6	229.4	251.3	272.9	295.1	317.6	337.9	359.6	380.0
117.5°	169.6	185.4	203.5	223.6	245.3	266.6	287.5	309.8	330.2	350.9	371.0
120°	165.3	180.3	198.0	217.5	238.6	259.1	279.4	300.9	321.3	341.4	361.0
122.5°	160.3	174.6	191.6	210.3	231.3	250.3	270.6	291.4	311.6	331.0	350.6
125°	155.3	168.7	185.0	202.8	223.3	241.4	260.9	281.0	300.3	318.9	337.2
127.5°	150.0	162.6	177.9	195.1	214.4	232.2	250.5	270.4	288.7	306.7	324.2
130°	144.6	156.4	170.5	187.3	205.3	223.0	239.9	259.3	277.2	294.4	311.4
132.5°	138.1	148.9	162.6	178.5	195.6	213.4	229.7	247.7	265.2	282.3	297.2
135°	131.6	141.3	154.7	169.6	185.5	202.4	218.1	234.2	250.9	266.5	282.0
137.5°	125.0	134.0	146.8	160.5	175.1	190.5	205.6	220.8	236.2	251.5	266.1
140°	118.2	126.9	138.5	150.9	164.7	178.8	192.9	207.3	221.8	236.6	250.3
142.5°	110.2	118.4	128.7	140.0	153.3	166.6	180.2	193.7	207.7	220.4	233.5
145°	102.1	109.9	119.0	129.4	141.4	154.5	166.7	179.4	191.3	203.0	215.1
147.5°	94.5	101.8	109.6	119.0	129.2	140.8	152.6	164.7	176.1	186.5	197.2
150°	86.9	93.6	100.2	108.7	117.7	127.8	138.1	148.9	159.3	169.4	179.6
152.5°	78.7	84.4	90.4	97.9	106.2	114.9	124.3	133.4	142.5	151.3	160.8
155°	70.4	75.0	80.5	86.3	94.2	101.8	109.8	117.6	125.4	133.7	142.0
157.5°	61.8	65.2	69.9	74.4	80.8	87.9	94.8	101.7	108.2	114.8	122.8
160°	53.3	55.4	59.5	63.4	67.6	74.0	80.2	86.1	92.2	98.3	104.3
162.5°	44.6	46.3	49.4	53.2	56.9	61.0	66.1	71.0	75.6	80.9	86.4
165°	35.9	37.4	39.0	42.6	46.0	49.2	52.5	56.6	60.6	64.4	68.6
167.5°	28.3	29.5	30.7	32.4	35.1	37.7	40.2	42.6	45.4	48.7	51.8
170°	20.7	21.7	22.7	23.6	24.7	26.7	28.7	30.6	32.5	34.3	36.1
172.5°	13.6	14.4	15.1	15.8	16.4	17.0	17.7	19.2	20.7	22.0	23.4
175°	6.6	7.1	7.7	8.2	8.7	9.2	9.6	10.1	10.5	10.9	11.3
177.5°	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.8	6.0	6.1	6.3	6.4	6.5	6.7	6.7	6.8	6.9	7.0
5°	12.2	13.2	14.1	14.9	15.7	16.5	17.1	17.8	18.3	18.8	19.3
7.5°	24.6	25.8	26.9	28.0	29.1	30.4	31.4	32.8	34.1	35.2	36.3
10°	38.4	40.8	43.0	45.1	47.0	48.8	50.4	52.1	54.0	55.6	57.1
12.5°	54.9	57.8	60.6	63.6	66.5	69.3	71.9	74.4	76.7	79.0	81.2
15°	72.5	76.6	80.5	84.1	87.4	91.0	94.5	97.9	101.1	104.0	106.5
17.5°	91.8	97.5	101.5	106.0	110.3	114.5	118.6	122.3	125.6	128.5	131.3
20°	110.6	116.5	122.0	127.2	132.6	137.8	142.6	146.9	151.1	154.8	158.3
22.5°	130.3	137.2	143.7	149.9	156.0	161.8	167.4	172.5	177.3	181.8	185.8
25°	150.1	157.7	165.6	172.0	179.0	185.7	191.9	197.8	203.5	208.6	212.7
27.5°	170.0	178.6	186.8	194.7	202.0	208.8	216.5	222.3	228.5	233.9	238.3
30°	189.6	199.2	208.2	216.7	224.7	232.5	240.1	247.5	253.4	258.7	264.2
32.5°	208.1	218.6	228.8	238.3	247.2	255.6	263.6	270.7	277.3	283.5	289.4
35°	226.8	238.4	249.5	259.9	269.5	278.3	286.7	294.6	302.2	308.7	314.0
37.5°	245.6	257.9	270.0	281.2	291.2	300.5	309.5	317.9	325.0	332.5	337.5
40°	263.4	277.1	289.5	300.5	311.3	321.7	330.9	339.1	347.1	354.5	360.9
42.5°	280.7	294.8	307.1	318.9	330.3	341.0	350.8	360.6	370.6	376.9	383.9
45°	297.2	310.9	324.3	337.5	349.1	360.3	371.2	381.3	389.7	397.5	403.9
47.5°	312.5	326.8	341.8	355.4	366.9	378.8	390.0	399.3	408.8	417.2	424.4
50°	327.2	342.4	357.4	370.8	383.8	396.3	407.5	417.9	429.0	436.6	444.2
52.5°	341.2	357.5	372.2	386.4	401.1	412.9	424.5	435.9	445.1	454.2	462.6
55°	355.1	372.0	387.5	401.3	415.4	428.7	440.2	451.2	461.6	471.3	479.6
57.5°	367.7	384.2	400.0	415.2	429.3	442.3	454.8	466.6	477.2	486.7	495.2
60°	379.0	395.7	412.2	427.6	442.1	455.6	468.7	480.6	491.4	501.3	509.8
62.5°	389.3	406.3	423.4	439.3	454.3	468.5	481.7	493.8	504.4	514.1	523.8
65°	398.4	416.3	433.4	449.5	465.5	480.2	493.5	505.4	516.2	526.2	536.5
67.5°	406.6	424.8	442.2	459.4	475.6	490.2	503.6	515.6	527.1	538.0	547.8
70°	414.1	432.7	450.8	468.7	484.2	499.0	512.4	524.7	536.6	548.1	558.9
72.5°	420.9	440.4	459.0	477.0	491.9	507.8	521.1	533.8	545.7	557.0	567.6
75°	427.1	446.5	465.5	483.4	498.9	514.2	528.1	541.8	553.6	564.7	575.5
77.5°	432.2	451.4	469.7	487.8	504.1	519.1	533.8	547.8	560.2	571.9	581.8
80°	434.9	454.6	473.9	491.8	507.9	523.5	537.7	551.8	565.0	576.6	586.9
82.5°	437.4	457.4	477.7	494.5	511.3	527.5	540.9	554.7	567.9	580.2	591.1
85°	440.0	459.6	480.1	496.7	513.2	528.9	543.2	557.1	569.8	582.4	593.5
87.5°	441.1	461.1	481.4	498.2	514.1	530.1	545.0	559.2	571.2	583.3	594.1
90°	440.4	461.1	480.7	498.2	513.4	530.9	545.0	559.2	571.2	584.3	594.1
92.5°	441.1	461.1	481.4	498.2	514.1	530.1	545.0	559.2	571.2	583.3	594.1
95°	440.0	459.6	480.1	496.7	513.2	528.9	543.2	557.1	569.8	582.4	593.5
97.5°	437.4	457.4	477.7	494.5	511.3	527.5	540.9	554.7	567.9	580.2	591.1
100°	434.9	454.6	473.9	491.8	507.9	523.5	537.7	551.8	565.0	576.6	586.9
102.5°	432.2	451.4	469.7	487.8	504.1	519.1	533.8	547.8	560.2	571.9	581.8
105°	427.1	446.5	465.5	483.4	498.9	514.2	528.1	541.8	553.6	564.7	575.5
107.5°	420.9	440.4	459.0	477.0	491.9	507.8	521.1	533.8	545.7	557.0	567.6
110°	414.1	432.7	450.8	468.7	484.2	499.0	512.4	524.7	536.6	548.1	558.9



TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	406.6	424.8	442.2	459.4	475.6	490.2	503.6	515.6	527.1	538.0	547.8
115°	398.4	416.3	433.4	449.5	465.5	480.2	493.5	505.4	516.2	526.2	536.5
117.5°	389.3	406.3	423.4	439.3	454.3	468.5	481.7	493.8	504.4	514.1	523.8
120°	379.0	395.7	412.2	427.6	442.1	455.6	468.7	480.6	491.4	501.3	509.8
122.5°	367.7	384.2	400.0	415.2	429.3	442.3	454.8	466.6	477.2	486.7	495.2
125°	355.1	372.0	387.5	401.3	415.4	428.7	440.2	451.2	461.6	471.3	479.6
127.5°	341.2	357.5	372.2	386.4	401.1	412.9	424.5	435.9	445.1	454.2	462.6
130°	327.2	342.4	357.4	370.8	383.8	396.3	407.5	417.9	429.0	436.6	444.2
132.5°	312.5	326.8	341.8	355.4	366.9	378.8	390.0	399.3	408.8	417.2	424.4
135°	297.2	310.9	324.3	337.5	349.1	360.3	371.2	381.3	389.7	397.5	403.9
137.5°	280.7	294.8	307.1	318.9	330.3	341.0	350.8	360.6	370.6	376.9	383.9
140°	263.4	277.1	289.5	300.5	311.3	321.7	330.9	339.1	347.1	354.5	360.9
142.5°	245.6	257.9	270.0	281.2	291.2	300.5	309.5	317.9	325.0	332.5	337.5
145°	226.8	238.4	249.5	259.9	269.5	278.3	286.7	294.6	302.2	308.7	314.0
147.5°	208.1	218.6	228.8	238.3	247.2	255.6	263.6	270.7	277.3	283.5	289.4
150°	189.6	199.2	208.2	216.7	224.7	232.5	240.1	247.5	253.4	258.7	264.2
152.5°	170.0	178.6	186.8	194.7	202.0	208.8	216.5	222.3	228.5	233.9	238.3
155°	150.1	157.7	165.6	172.0	179.0	185.7	191.9	197.8	203.5	208.6	212.7
157.5°	130.3	137.2	143.7	149.9	156.0	161.8	167.4	172.5	177.3	181.8	185.8
160°	110.6	116.5	122.0	127.2	132.6	137.8	142.6	146.9	151.1	154.8	158.3
162.5°	91.8	97.5	101.5	106.0	110.3	114.5	118.6	122.3	125.6	128.5	131.3
165°	72.5	76.6	80.5	84.1	87.4	91.0	94.5	97.9	101.1	104.0	106.5
167.5°	54.9	57.8	60.6	63.6	66.5	69.3	71.9	74.4	76.7	79.0	81.2
170°	38.4	40.8	43.0	45.1	47.0	48.8	50.4	52.1	54.0	55.6	57.1
172.5°	24.6	25.8	26.9	28.0	29.1	30.4	31.4	32.8	34.1	35.2	36.3
175°	12.2	13.2	14.1	14.9	15.7	16.5	17.1	17.8	18.3	18.8	19.3
177.5°	5.8	6.0	6.1	6.3	6.4	6.5	6.7	6.7	6.8	6.9	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: P232039

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

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.0	7.0	7.1	7.1	7.0	7.0	7.2	7.1	7.0	6.9	6.7
5°	19.6	20.0	20.2	20.4	20.6	20.6	20.7	20.6	20.9	20.6	20.3
7.5°	37.2	38.1	38.9	39.5	40.0	40.5	40.8	41.0	41.1	41.6	41.2
10°	58.4	60.1	61.5	62.7	63.8	64.7	65.3	65.8	66.1	67.1	66.5
12.5°	83.0	84.6	85.9	87.1	88.5	89.6	90.4	91.1	91.4	91.6	91.9
15°	108.7	110.7	112.5	114.1	115.4	116.8	117.9	118.7	119.2	119.3	119.8
17.5°	134.2	137.0	139.4	141.3	142.7	143.7	144.8	146.3	147.6	148.5	150.0
20°	161.3	164.2	166.8	169.0	170.7	172.0	172.8	173.8	174.9	175.5	176.4
22.5°	189.4	192.5	194.9	197.2	199.1	200.6	201.6	202.1	203.2	203.8	205.0
25°	216.3	219.6	222.3	224.7	226.9	228.8	230.1	231.0	231.7	232.9	233.6
27.5°	242.4	246.1	249.4	252.0	253.9	256.1	257.7	258.7	259.2	259.9	260.0
30°	268.0	271.5	275.0	278.0	280.6	282.5	284.3	285.5	286.0	286.7	287.7
32.5°	293.9	297.8	301.3	305.0	307.5	309.0	310.3	311.4	311.8	311.8	312.8
35°	318.9	323.4	327.3	330.7	333.1	334.7	335.8	336.7	336.9	336.1	336.9
37.5°	342.7	347.3	351.2	354.5	357.0	359.3	360.6	361.2	361.3	360.7	360.9
40°	366.3	370.6	374.3	378.1	381.3	383.4	384.1	384.2	384.7	384.8	385.2
42.5°	389.0	393.1	397.2	400.8	403.5	405.1	406.2	406.8	407.0	406.7	405.9
45°	409.3	414.6	419.3	422.7	425.4	427.8	428.0	428.8	428.6	428.1	426.6
47.5°	431.0	435.9	439.8	443.7	446.5	448.4	449.4	449.5	448.9	448.1	446.7
50°	450.9	456.2	460.7	464.8	466.9	468.4	469.2	469.1	468.9	468.5	468.4
52.5°	469.5	475.3	479.5	483.0	486.0	488.0	489.1	488.6	488.3	487.7	487.6
55°	487.1	492.4	497.0	501.6	504.7	506.7	507.3	507.2	506.5	504.7	504.7
57.5°	502.4	509.3	515.3	519.1	522.7	524.6	525.2	525.0	524.2	522.9	522.2
60°	518.0	525.5	530.8	535.4	539.2	541.2	541.7	541.6	540.3	538.9	537.9
62.5°	532.6	538.4	544.6	550.2	554.2	556.3	557.5	557.2	555.2	553.5	552.4
65°	544.5	551.9	558.9	563.8	568.1	570.7	571.5	571.9	569.8	568.2	566.9
67.5°	556.4	564.3	570.9	575.9	580.4	583.2	584.4	585.0	583.4	581.5	579.8
70°	567.3	574.9	581.6	586.5	590.6	593.9	596.2	596.9	595.3	592.6	590.8
72.5°	576.6	583.9	590.7	596.0	600.5	604.0	605.6	606.8	605.1	602.8	600.7
75°	584.5	592.1	598.5	604.1	609.0	611.6	613.5	614.7	615.0	612.5	610.3
77.5°	591.1	599.2	605.6	610.8	615.4	618.2	619.9	621.9	622.1	621.3	618.5
80°	596.2	604.4	611.1	616.2	620.8	624.4	625.3	626.5	627.4	627.2	625.3
82.5°	600.6	608.4	614.9	620.2	624.3	627.3	629.4	630.9	630.7	630.7	631.1
85°	602.6	610.2	616.9	623.2	627.1	630.0	631.7	632.8	633.0	632.7	632.5
87.5°	603.9	611.2	617.8	623.5	627.1	629.6	632.0	633.2	633.1	632.5	632.5
90°	603.9	610.5	617.0	623.5	626.8	629.0	631.2	631.2	631.2	630.1	627.9
92.5°	603.9	611.2	617.8	623.5	627.1	629.6	632.0	633.2	633.1	632.5	632.5
95°	602.6	610.2	616.9	623.2	627.1	630.0	631.7	632.8	633.0	632.7	632.5
97.5°	600.6	608.4	614.9	620.2	624.3	627.3	629.4	630.9	630.7	630.7	631.1
100°	596.2	604.4	611.1	616.2	620.8	624.4	625.3	626.5	627.4	627.2	625.3
102.5°	591.1	599.2	605.6	610.8	615.4	618.2	619.9	621.9	622.1	621.3	618.5
105°	584.5	592.1	598.5	604.1	609.0	611.6	613.5	614.7	615.0	612.5	610.3
107.5°	576.6	583.9	590.7	596.0	600.5	604.0	605.6	606.8	605.1	602.8	600.7
110°	567.3	574.9	581.6	586.5	590.6	593.9	596.2	596.9	595.3	592.6	590.8



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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°	556.4	564.3	570.9	575.9	580.4	583.2	584.4	585.0	583.4	581.5	579.8
115°	544.5	551.9	558.9	563.8	568.1	570.7	571.5	571.9	569.8	568.2	566.9
117.5°	532.6	538.4	544.6	550.2	554.2	556.3	557.5	557.2	555.2	553.5	552.4
120°	518.0	525.5	530.8	535.4	539.2	541.2	541.7	541.6	540.3	538.9	537.9
122.5°	502.4	509.3	515.3	519.1	522.7	524.6	525.2	525.0	524.2	522.9	522.2
125°	487.1	492.4	497.0	501.6	504.7	506.7	507.3	507.2	506.5	504.7	504.7
127.5°	469.5	475.3	479.5	483.0	486.0	488.0	489.1	488.6	488.3	487.7	487.6
130°	450.9	456.2	460.7	464.8	466.9	468.4	469.2	469.1	468.9	468.5	468.4
132.5°	431.0	435.9	439.8	443.7	446.5	448.4	449.4	449.5	448.9	448.1	446.7
135°	409.3	414.6	419.3	422.7	425.4	427.8	428.0	428.8	428.6	428.1	426.6
137.5°	389.0	393.1	397.2	400.8	403.5	405.1	406.2	406.8	407.0	406.7	405.9
140°	366.3	370.6	374.3	378.1	381.3	383.4	384.1	384.2	384.7	384.8	385.2
142.5°	342.7	347.3	351.2	354.5	357.0	359.3	360.6	361.2	361.3	360.7	360.9
145°	318.9	323.4	327.3	330.7	333.1	334.7	335.8	336.7	336.9	336.1	336.9
147.5°	293.9	297.8	301.3	305.0	307.5	309.0	310.3	311.4	311.8	311.8	312.8
150°	268.0	271.5	275.0	278.0	280.6	282.5	284.3	285.5	286.0	286.7	287.7
152.5°	242.4	246.1	249.4	252.0	253.9	256.1	257.7	258.7	259.2	259.9	260.0
155°	216.3	219.6	222.3	224.7	226.9	228.8	230.1	231.0	231.7	232.9	233.6
157.5°	189.4	192.5	194.9	197.2	199.1	200.6	201.6	202.1	203.2	203.8	205.0
160°	161.3	164.2	166.8	169.0	170.7	172.0	172.8	173.8	174.9	175.5	176.4
162.5°	134.2	137.0	139.4	141.3	142.7	143.7	144.8	146.3	147.6	148.5	150.0
165°	108.7	110.7	112.5	114.1	115.4	116.8	117.9	118.7	119.2	119.3	119.8
167.5°	83.0	84.6	85.9	87.1	88.5	89.6	90.4	91.1	91.4	91.6	91.9
170°	58.4	60.1	61.5	62.7	63.8	64.7	65.3	65.8	66.1	67.1	66.5
172.5°	37.2	38.1	38.9	39.5	40.0	40.5	40.8	41.0	41.1	41.6	41.2
175°	19.6	20.0	20.2	20.4	20.6	20.6	20.7	20.6	20.9	20.6	20.3
177.5°	7.0	7.0	7.1	7.1	7.0	7.0	7.2	7.1	7.0	6.9	6.7
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°	6.6	6.5
5°	19.9	19.6
7.5°	40.7	40.3
10°	66.0	65.4
12.5°	91.2	90.5
15°	118.7	117.7
17.5°	149.6	149.3
20°	175.4	174.4
22.5°	203.9	202.8
25°	234.1	233.3
27.5°	259.8	258.4
30°	288.4	287.8
32.5°	313.6	312.9
35°	337.6	336.8
37.5°	361.6	360.8
40°	387.0	387.0
42.5°	406.5	405.5
45°	429.5	430.6
47.5°	447.5	446.9
50°	469.4	468.7
52.5°	488.4	488.4
55°	505.8	505.8
57.5°	522.2	522.2
60°	538.6	539.6
62.5°	553.2	553.8
65°	567.3	569.0
67.5°	579.5	581.0
70°	590.2	591.9
72.5°	600.9	602.8
75°	608.9	611.5
77.5°	616.5	620.3
80°	622.6	625.7
82.5°	627.9	631.2
85°	632.7	634.4
87.5°	634.0	636.6
90°	627.9	633.3
92.5°	634.0	636.6
95°	632.7	634.4
97.5°	627.9	631.2
100°	622.6	625.7
102.5°	616.5	620.3
105°	608.9	611.5
107.5°	600.9	602.8
110°	590.2	591.9





TEST NUMBER: P232039

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

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	579.5	581.0
115°	567.3	569.0
117.5°	553.2	553.8
120°	538.6	539.6
122.5°	522.2	522.2
125°	505.8	505.8
127.5°	488.4	488.4
130°	469.4	468.7
132.5°	447.5	446.9
135°	429.5	430.6
137.5°	406.5	405.5
140°	387.0	387.0
142.5°	361.6	360.8
145°	337.6	336.8
147.5°	313.6	312.9
150°	288.4	287.8
152.5°	259.8	258.4
155°	234.1	233.3
157.5°	203.9	202.8
160°	175.4	174.4
162.5°	149.6	149.3
165°	118.7	117.7
167.5°	91.2	90.5
170°	66.0	65.4
172.5°	40.7	40.3
175°	19.9	19.6
177.5°	6.6	6.5
180°	0.0	0.0

(END OF REPORT)