

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: P231965

Luminaire Tested: **FVS4WM-4-LD4-35-1HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231965
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-14)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-35-1HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

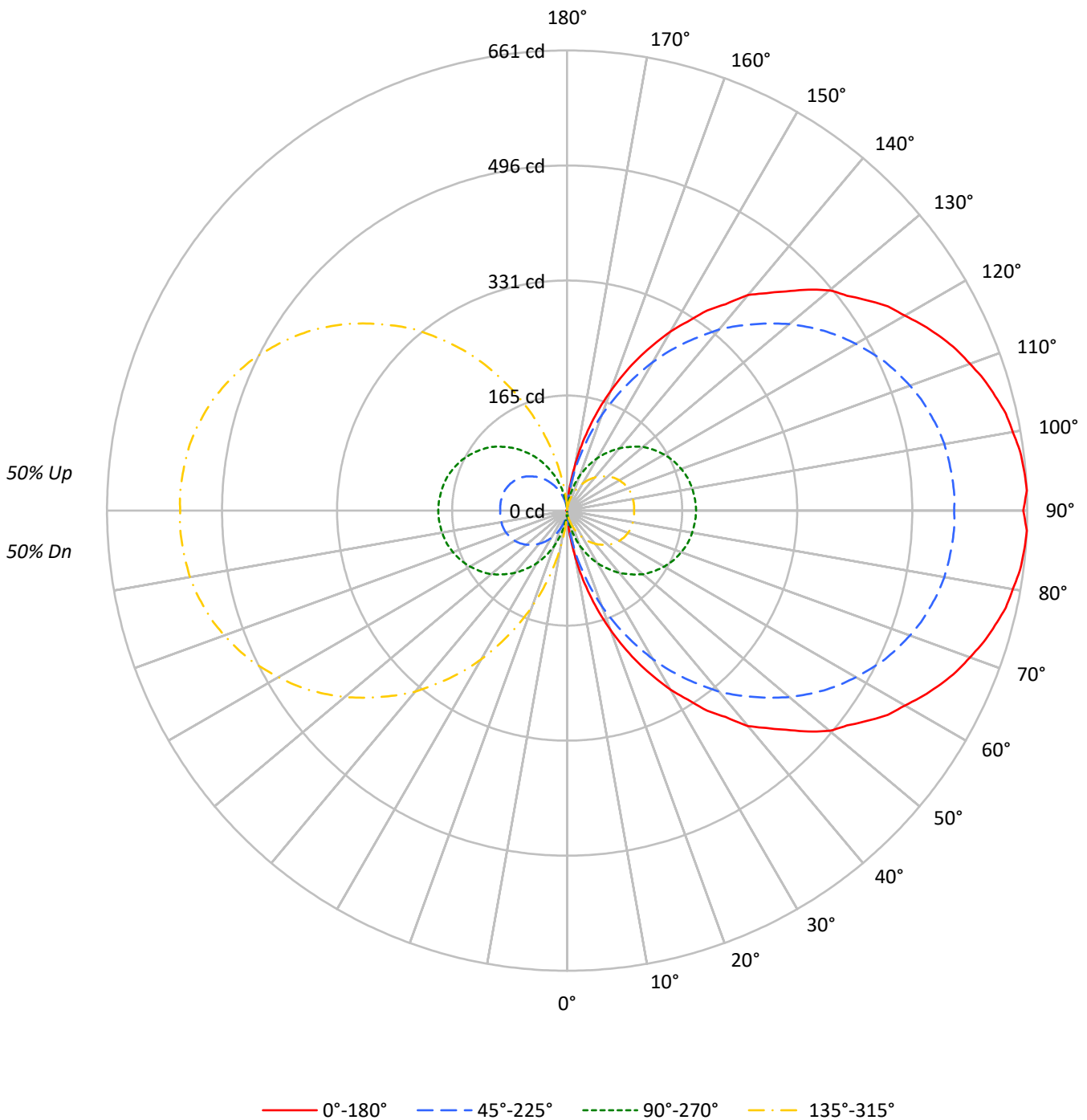
Lumens per Lamp: N/A
Luminaire Lumens: 2865.0 lumens
Efficiency: N/A
Efficacy: 64.4 lumens/watt
Spacing Criteria (0/90/45): 17.27 / 14.16 / 15.48
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 44.5
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	73	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	44	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	31	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15	15	15	15
5°	300	104	0	104
10°	804	297	0	297
15°	1349	557	0	557
20°	1829	843	0	843
25°	2267	1136	0	1136
30°	2647	1457	0	1457
35°	2995	1782	0	1782
40°	3329	2157	0	2157
45°	3575	2562	0	2562
50°	3883	3050	0	3050
55°	4112	3590	0	3590
60°	4363	4261	8	4261
65°	4632	5136	8	5136
70°	4887	6302	8	6302
75°	5157	8030	8	8030
80°	5424	10838	0	10838
85°	5710	16495	0	16495



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.6	0.1
10°-20°	16.0	0.6
20°-30°	50.0	1.7
30°-40°	99.6	3.5
40°-50°	157.4	5.5
50°-60°	215.5	7.5
60°-70°	266.5	9.3
70°-80°	303.7	10.6
80°-90°	322.1	11.2
90°-100°	322.1	11.2
100°-110°	303.7	10.6
110°-120°	266.5	9.3
120°-130°	215.5	7.5
130°-140°	157.4	5.5
140°-150°	99.6	3.5
150°-160°	50.0	1.7
160°-170°	16.0	0.6
170°-180°	1.6	0.1
0°-30°	67.6	2.4
0°-40°	167.3	5.8
0°-60°	540.2	18.9
0°-90°	1432.5	50.0
90°-120°	892.4	31.1
90°-150°	1364.9	47.6
90°-180°	1433.0	50.0
0°-180°	2865.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	23	7	0	7	23	4
15°	124	36	0	36	124	37
25°	241	71	0	71	241	113
35°	351	102	0	102	351	221
45°	445	130	0	130	445	347
55°	527	152	0	152	527	473
65°	591	169	1	169	591	586
75°	636	180	1	180	636	673
85°	659	184	0	184	659	537
90°	655	185	0	185	655	361
95°	659	184	0	184	659	537
105°	636	180	1	180	636	673
115°	591	169	1	169	591	586
125°	527	152	0	152	527	473
135°	445	130	0	130	445	347
145°	351	102	0	102	351	221
155°	241	71	0	71	241	113
165°	124	36	0	36	124	37
175°	23	7	0	7	23	4
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	6.9	7.0	7.2	7.3	7.5	7.6	7.8	7.6	7.7	7.7	7.8
5°	22.6	22.9	23.1	23.4	23.6	23.1	23.0	22.9	22.7	22.5	22.2
7.5°	44.1	44.4	44.7	45.1	44.4	44.2	43.8	43.4	42.8	42.1	41.3
10°	67.7	68.2	68.7	69.3	68.3	68.0	67.5	66.8	65.9	64.8	63.5
12.5°	96.1	96.6	97.2	96.5	96.1	95.4	94.5	93.3	91.9	90.3	89.0
15°	124.5	125.3	126.1	125.4	124.9	124.2	123.1	121.6	120.2	119.0	117.6
17.5°	154.0	154.9	155.9	155.0	154.5	153.6	152.3	151.1	149.9	148.4	146.5
20°	182.4	183.3	184.2	183.1	182.4	181.4	180.4	179.7	178.5	176.9	174.8
22.5°	211.8	212.8	213.8	212.4	211.6	210.4	210.0	209.0	207.4	205.3	202.5
25°	241.2	242.4	242.3	242.0	241.0	240.5	239.8	238.7	237.1	235.1	232.9
27.5°	268.7	270.0	270.0	269.7	269.0	269.2	268.6	267.3	265.1	263.0	260.2
30°	297.1	298.3	298.0	297.4	297.2	297.2	296.6	295.4	294.1	292.3	289.1
32.5°	321.7	322.9	322.8	322.4	323.2	323.7	323.4	322.4	320.6	318.2	315.2
35°	351.1	351.4	350.1	348.9	349.6	349.7	349.3	348.8	347.4	344.8	341.8
37.5°	373.6	375.1	375.0	374.8	374.8	374.2	374.4	374.5	373.7	371.1	367.8
40°	404.0	402.4	399.0	398.5	399.0	398.6	398.9	398.7	397.7	395.4	392.2
42.5°	423.7	423.2	421.0	421.6	422.1	422.8	423.3	422.8	421.8	419.7	416.4
45°	445.2	445.2	443.2	445.0	445.7	446.5	446.9	447.1	444.7	442.7	439.2
47.5°	469.7	467.6	464.5	466.0	467.1	468.3	468.5	467.6	466.0	464.7	461.5
50°	492.3	489.4	486.3	487.1	488.2	488.9	489.3	489.0	487.8	484.9	481.3
52.5°	507.0	506.3	505.6	506.8	508.7	510.0	510.4	510.0	508.4	505.2	501.1
55°	526.6	526.6	525.8	526.3	528.0	529.2	529.8	529.4	527.5	523.8	519.5
57.5°	546.2	543.9	543.2	544.2	545.6	547.5	548.4	547.4	545.4	540.8	536.1
60°	560.0	560.9	560.5	561.5	562.7	564.3	565.1	563.9	561.4	556.6	551.2
62.5°	576.6	575.9	574.4	577.2	579.1	580.6	580.8	579.1	576.5	572.5	566.1
65°	591.4	590.7	589.3	591.8	593.5	595.7	595.3	593.7	590.3	586.1	580.8
67.5°	605.1	603.4	602.7	604.7	606.6	608.9	607.9	605.6	601.9	598.1	593.8
70°	615.9	615.5	614.8	616.4	619.1	619.9	618.7	616.2	613.0	609.3	605.9
72.5°	627.6	626.0	624.6	626.9	630.5	628.9	627.9	625.9	623.3	620.6	615.7
75°	636.5	634.0	633.8	636.9	637.5	637.0	635.4	634.6	632.0	628.8	624.3
77.5°	645.3	641.7	641.6	644.3	643.5	642.8	642.8	642.5	640.1	636.8	632.0
80°	650.2	647.6	648.4	648.5	647.0	648.6	649.8	649.0	645.8	642.4	637.3
82.5°	656.1	652.4	652.4	649.8	652.8	653.8	654.0	652.7	649.9	646.2	641.0
85°	659.0	656.4	650.6	653.9	655.8	656.3	656.5	655.0	652.4	649.1	643.8
87.5°	661.0	652.7	653.3	654.4	656.0	656.4	656.0	655.0	652.9	649.2	644.2
90°	655.1	649.2	649.2	652.2	654.1	655.1	656.1	654.1	652.2	649.2	644.3
92.5°	661.0	652.7	653.3	654.4	656.0	656.4	656.0	655.0	652.9	649.2	644.2
95°	659.0	656.4	650.6	653.9	655.8	656.3	656.5	655.0	652.4	649.1	643.8
97.5°	656.1	652.4	652.4	649.8	652.8	653.8	654.0	652.7	649.9	646.2	641.0
100°	650.2	647.6	648.4	648.5	647.0	648.6	649.8	649.0	645.8	642.4	637.3
102.5°	645.3	641.7	641.6	644.3	643.5	642.8	642.8	642.5	640.1	636.8	632.0
105°	636.5	634.0	633.8	636.9	637.5	637.0	635.4	634.6	632.0	628.8	624.3
107.5°	627.6	626.0	624.6	626.9	630.5	628.9	627.9	625.9	623.3	620.6	615.7
110°	615.9	615.5	614.8	616.4	619.1	619.9	618.7	616.2	613.0	609.3	605.9



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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°	605.1	603.4	602.7	604.7	606.6	608.9	607.9	605.6	601.9	598.1	593.8
115°	591.4	590.7	589.3	591.8	593.5	595.7	595.3	593.7	590.3	586.1	580.8
117.5°	576.6	575.9	574.4	577.2	579.1	580.6	580.8	579.1	576.5	572.5	566.1
120°	560.0	560.9	560.5	561.5	562.7	564.3	565.1	563.9	561.4	556.6	551.2
122.5°	546.2	543.9	543.2	544.2	545.6	547.5	548.4	547.4	545.4	540.8	536.1
125°	526.6	526.6	525.8	526.3	528.0	529.2	529.8	529.4	527.5	523.8	519.5
127.5°	507.0	506.3	505.6	506.8	508.7	510.0	510.4	510.0	508.4	505.2	501.1
130°	492.3	489.4	486.3	487.1	488.2	488.9	489.3	489.0	487.8	484.9	481.3
132.5°	469.7	467.6	464.5	466.0	467.1	468.3	468.5	467.6	466.0	464.7	461.5
135°	445.2	445.2	443.2	445.0	445.7	446.5	446.9	447.1	444.7	442.7	439.2
137.5°	423.7	423.2	421.0	421.6	422.1	422.8	423.3	422.8	421.8	419.7	416.4
140°	404.0	402.4	399.0	398.5	399.0	398.6	398.9	398.7	397.7	395.4	392.2
142.5°	373.6	375.1	375.0	374.8	374.8	374.2	374.4	374.5	373.7	371.1	367.8
145°	351.1	351.4	350.1	348.9	349.6	349.7	349.3	348.8	347.4	344.8	341.8
147.5°	321.7	322.9	322.8	322.4	323.2	323.7	323.4	322.4	320.6	318.2	315.2
150°	297.1	298.3	298.0	297.4	297.2	297.2	296.6	295.4	294.1	292.3	289.1
152.5°	268.7	270.0	270.0	269.7	269.0	269.2	268.6	267.3	265.1	263.0	260.2
155°	241.2	242.4	242.3	242.0	241.0	240.5	239.8	238.7	237.1	235.1	232.9
157.5°	211.8	212.8	213.8	212.4	211.6	210.4	210.0	209.0	207.4	205.3	202.5
160°	182.4	183.3	184.2	183.1	182.4	181.4	180.4	179.7	178.5	176.9	174.8
162.5°	154.0	154.9	155.9	155.0	154.5	153.6	152.3	151.1	149.9	148.4	146.5
165°	124.5	125.3	126.1	125.4	124.9	124.2	123.1	121.6	120.2	119.0	117.6
167.5°	96.1	96.6	97.2	96.5	96.1	95.4	94.5	93.3	91.9	90.3	89.0
170°	67.7	68.2	68.7	69.3	68.3	68.0	67.5	66.8	65.9	64.8	63.5
172.5°	44.1	44.4	44.7	45.1	44.4	44.2	43.8	43.4	42.8	42.1	41.3
175°	22.6	22.9	23.1	23.4	23.6	23.1	23.0	22.9	22.7	22.5	22.2
177.5°	6.9	7.0	7.2	7.3	7.5	7.6	7.8	7.6	7.7	7.7	7.8
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.4	7.3	7.1
5°	21.8	21.4	21.0	20.5	19.9	19.3	18.6	17.9	17.2	16.4	15.5
7.5°	40.4	39.4	38.3	37.0	35.7	34.3	32.7	31.7	30.4	29.4	28.4
10°	62.0	60.3	59.3	57.9	56.4	54.7	53.1	51.4	49.7	47.7	45.6
12.5°	87.8	86.3	84.5	82.5	80.4	78.3	75.9	73.3	70.5	67.5	64.3
15°	115.9	113.9	111.6	109.1	106.4	103.4	100.1	96.6	92.8	89.2	85.4
17.5°	144.2	141.6	138.8	135.9	132.8	129.5	125.8	121.8	117.3	112.4	107.2
20°	172.3	169.5	166.5	163.1	159.3	155.2	151.0	146.4	141.5	136.2	130.3
22.5°	199.8	197.0	193.7	189.9	185.7	181.1	176.2	171.0	165.5	159.2	152.6
25°	229.6	225.8	221.5	216.7	212.1	207.2	201.8	195.9	189.6	182.8	176.5
27.5°	257.1	253.5	249.6	245.1	239.6	233.7	228.4	220.8	213.7	205.9	197.7
30°	285.1	281.0	277.2	271.9	266.4	260.4	253.6	246.3	238.3	229.6	220.1
32.5°	312.5	308.7	303.8	298.1	292.5	286.1	278.7	270.7	262.2	253.1	242.7
35°	338.2	334.0	329.2	323.5	316.9	309.8	302.1	293.6	284.9	275.1	264.1
37.5°	364.2	360.2	355.3	349.6	341.2	333.8	325.6	316.1	306.4	296.6	284.9
40°	388.9	385.4	380.0	372.8	364.9	356.8	348.9	339.6	328.0	316.5	304.0
42.5°	412.9	408.9	403.6	396.0	388.3	378.4	368.8	359.5	349.2	337.0	323.9
45°	435.6	430.2	424.4	418.5	409.7	399.7	389.3	378.3	367.8	356.0	342.7
47.5°	456.6	450.6	444.1	437.4	429.6	419.8	409.4	398.0	386.1	374.0	360.3
50°	476.6	470.5	464.1	456.9	449.1	438.8	428.3	416.7	404.1	391.1	377.0
52.5°	495.9	489.5	482.7	475.0	465.9	456.9	445.7	433.7	421.4	407.7	392.9
55°	513.8	507.4	500.5	492.9	483.0	473.2	462.6	450.2	436.5	422.3	408.4
57.5°	530.5	524.3	517.4	508.8	499.3	489.5	477.9	465.2	452.0	436.8	421.1
60°	546.2	539.8	532.3	523.7	514.0	503.6	491.9	478.7	465.0	449.8	433.7
62.5°	560.3	554.4	546.6	537.7	527.9	517.6	505.7	491.9	476.8	461.9	445.6
65°	574.9	568.1	559.7	550.8	540.4	529.9	518.8	504.5	489.2	473.2	456.6
67.5°	588.0	581.2	572.2	562.6	551.7	540.7	528.9	514.5	500.0	483.8	466.2
70°	599.7	592.2	583.5	573.7	562.4	550.9	538.3	524.1	509.0	493.0	475.0
72.5°	609.6	602.1	593.3	583.2	571.7	559.5	547.0	532.9	517.1	500.6	482.3
75°	618.1	610.2	601.6	591.2	579.7	567.1	554.3	539.5	524.0	507.0	488.8
77.5°	625.3	617.6	608.1	597.7	585.7	573.9	560.5	545.7	529.6	512.3	494.1
80°	630.8	623.0	613.4	602.7	591.0	578.7	565.2	550.3	534.1	516.5	498.1
82.5°	634.6	627.4	617.8	607.0	595.1	582.4	567.6	552.9	537.2	519.7	501.5
85°	637.8	630.1	620.3	609.5	597.4	584.9	569.9	555.2	539.0	522.1	504.2
87.5°	638.2	630.6	621.7	611.0	598.2	586.5	571.5	556.7	540.7	523.7	505.7
90°	637.4	630.6	620.8	611.0	598.2	586.5	570.8	556.0	541.3	523.7	505.1
92.5°	638.2	630.6	621.7	611.0	598.2	586.5	571.5	556.7	540.7	523.7	505.7
95°	637.8	630.1	620.3	609.5	597.4	584.9	569.9	555.2	539.0	522.1	504.2
97.5°	634.6	627.4	617.8	607.0	595.1	582.4	567.6	552.9	537.2	519.7	501.5
100°	630.8	623.0	613.4	602.7	591.0	578.7	565.2	550.3	534.1	516.5	498.1
102.5°	625.3	617.6	608.1	597.7	585.7	573.9	560.5	545.7	529.6	512.3	494.1
105°	618.1	610.2	601.6	591.2	579.7	567.1	554.3	539.5	524.0	507.0	488.8
107.5°	609.6	602.1	593.3	583.2	571.7	559.5	547.0	532.9	517.1	500.6	482.3
110°	599.7	592.2	583.5	573.7	562.4	550.9	538.3	524.1	509.0	493.0	475.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	588.0	581.2	572.2	562.6	551.7	540.7	528.9	514.5	500.0	483.8	466.2
115°	574.9	568.1	559.7	550.8	540.4	529.9	518.8	504.5	489.2	473.2	456.6
117.5°	560.3	554.4	546.6	537.7	527.9	517.6	505.7	491.9	476.8	461.9	445.6
120°	546.2	539.8	532.3	523.7	514.0	503.6	491.9	478.7	465.0	449.8	433.7
122.5°	530.5	524.3	517.4	508.8	499.3	489.5	477.9	465.2	452.0	436.8	421.1
125°	513.8	507.4	500.5	492.9	483.0	473.2	462.6	450.2	436.5	422.3	408.4
127.5°	495.9	489.5	482.7	475.0	465.9	456.9	445.7	433.7	421.4	407.7	392.9
130°	476.6	470.5	464.1	456.9	449.1	438.8	428.3	416.7	404.1	391.1	377.0
132.5°	456.6	450.6	444.1	437.4	429.6	419.8	409.4	398.0	386.1	374.0	360.3
135°	435.6	430.2	424.4	418.5	409.7	399.7	389.3	378.3	367.8	356.0	342.7
137.5°	412.9	408.9	403.6	396.0	388.3	378.4	368.8	359.5	349.2	337.0	323.9
140°	388.9	385.4	380.0	372.8	364.9	356.8	348.9	339.6	328.0	316.5	304.0
142.5°	364.2	360.2	355.3	349.6	341.2	333.8	325.6	316.1	306.4	296.6	284.9
145°	338.2	334.0	329.2	323.5	316.9	309.8	302.1	293.6	284.9	275.1	264.1
147.5°	312.5	308.7	303.8	298.1	292.5	286.1	278.7	270.7	262.2	253.1	242.7
150°	285.1	281.0	277.2	271.9	266.4	260.4	253.6	246.3	238.3	229.6	220.1
152.5°	257.1	253.5	249.6	245.1	239.6	233.7	228.4	220.8	213.7	205.9	197.7
155°	229.6	225.8	221.5	216.7	212.1	207.2	201.8	195.9	189.6	182.8	176.5
157.5°	199.8	197.0	193.7	189.9	185.7	181.1	176.2	171.0	165.5	159.2	152.6
160°	172.3	169.5	166.5	163.1	159.3	155.2	151.0	146.4	141.5	136.2	130.3
162.5°	144.2	141.6	138.8	135.9	132.8	129.5	125.8	121.8	117.3	112.4	107.2
165°	115.9	113.9	111.6	109.1	106.4	103.4	100.1	96.6	92.8	89.2	85.4
167.5°	87.8	86.3	84.5	82.5	80.4	78.3	75.9	73.3	70.5	67.5	64.3
170°	62.0	60.3	59.3	57.9	56.4	54.7	53.1	51.4	49.7	47.7	45.6
172.5°	40.4	39.4	38.3	37.0	35.7	34.3	32.7	31.7	30.4	29.4	28.4
175°	21.8	21.4	21.0	20.5	19.9	19.3	18.6	17.9	17.2	16.4	15.5
177.5°	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.4	7.3	7.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.0
5°	14.7	13.7	12.8	12.4	12.0	11.6	11.2	10.7	10.2	9.7	9.2
7.5°	27.4	26.2	25.0	23.7	22.3	20.8	19.3	18.5	17.9	17.2	16.5
10°	43.4	40.9	38.6	36.7	34.7	32.7	30.6	28.4	26.1	25.0	24.0
12.5°	61.5	58.5	55.4	52.2	48.8	45.9	43.3	40.7	37.9	35.0	33.3
15°	81.4	77.1	73.3	69.0	65.0	60.9	56.6	53.2	49.9	46.5	42.9
17.5°	102.4	96.8	91.6	86.3	81.1	76.4	71.4	66.2	61.9	57.9	53.8
20°	123.9	117.4	110.8	104.8	98.7	92.3	86.5	80.4	74.1	69.3	64.6
22.5°	145.4	138.1	130.7	123.1	116.1	108.8	101.3	94.7	88.1	81.8	76.6
25°	167.2	158.4	149.6	141.7	133.6	125.3	116.9	108.5	100.9	92.9	86.9
27.5°	189.2	179.9	170.4	161.0	151.5	141.6	132.4	123.0	114.0	105.3	97.4
30°	210.5	200.8	190.7	180.1	169.4	158.8	148.1	137.7	127.6	117.8	108.5
32.5°	231.8	221.2	210.4	199.1	187.3	175.3	163.5	151.6	139.7	128.8	118.5
35°	252.6	240.9	228.9	216.7	204.0	190.9	177.9	165.2	151.8	139.4	128.4
37.5°	272.5	259.9	246.7	233.6	221.1	206.4	192.3	178.0	164.3	151.0	139.1
40°	291.1	278.4	264.6	250.5	236.0	221.2	206.2	191.3	176.6	163.1	150.0
42.5°	309.6	295.8	281.6	267.2	252.0	236.0	219.9	203.9	188.0	173.4	159.1
45°	328.2	313.4	297.8	282.2	266.7	249.9	232.9	215.9	199.1	183.2	167.7
47.5°	345.7	330.2	313.7	297.1	280.3	263.3	245.5	227.4	209.6	192.5	176.2
50°	361.9	346.2	329.7	311.1	293.5	275.7	257.1	238.2	219.4	201.3	184.7
52.5°	377.0	360.6	343.6	325.6	306.9	287.8	268.2	248.7	229.3	209.8	192.3
55°	391.3	374.3	356.7	338.4	318.7	298.6	278.5	258.8	239.3	218.5	199.7
57.5°	404.4	386.7	369.3	350.1	329.9	309.0	288.2	267.8	247.5	226.1	206.4
60°	417.3	398.5	380.0	360.7	340.4	319.1	297.5	276.4	254.6	232.9	212.7
62.5°	428.0	409.7	390.8	370.8	350.2	328.7	305.9	283.9	261.7	239.3	218.2
65°	438.5	419.7	400.7	380.0	358.5	336.9	313.3	290.5	268.3	245.5	223.4
67.5°	448.4	429.5	409.4	388.7	366.4	344.4	320.5	297.1	274.4	251.3	228.9
70°	456.8	437.0	416.4	394.7	373.8	351.2	326.9	303.1	280.1	256.7	233.9
72.5°	463.6	444.0	423.7	402.3	380.4	357.0	332.3	308.1	284.2	260.4	237.6
75°	469.9	450.2	429.5	408.1	385.7	361.7	337.2	312.6	287.6	263.4	240.8
77.5°	475.6	455.5	434.5	412.7	390.0	365.4	341.1	316.1	291.1	266.1	242.9
80°	479.5	458.9	438.2	416.0	392.9	368.1	344.4	318.8	294.4	268.7	244.7
82.5°	482.5	461.6	441.2	418.6	395.6	370.8	346.2	320.6	296.2	270.5	246.6
85°	484.1	463.5	443.7	420.5	397.9	374.4	348.1	322.6	298.1	272.6	247.1
87.5°	485.4	465.2	445.2	421.7	398.2	374.6	348.6	322.2	298.1	273.1	247.1
90°	485.4	465.8	445.2	421.7	397.2	374.6	349.1	321.7	298.1	273.6	247.1
92.5°	485.4	465.2	445.2	421.7	398.2	374.6	348.6	322.2	298.1	273.1	247.1
95°	484.1	463.5	443.7	420.5	397.9	374.4	348.1	322.6	298.1	272.6	247.1
97.5°	482.5	461.6	441.2	418.6	395.6	370.8	346.2	320.6	296.2	270.5	246.6
100°	479.5	458.9	438.2	416.0	392.9	368.1	344.4	318.8	294.4	268.7	244.7
102.5°	475.6	455.5	434.5	412.7	390.0	365.4	341.1	316.1	291.1	266.1	242.9
105°	469.9	450.2	429.5	408.1	385.7	361.7	337.2	312.6	287.6	263.4	240.8
107.5°	463.6	444.0	423.7	402.3	380.4	357.0	332.3	308.1	284.2	260.4	237.6
110°	456.8	437.0	416.4	394.7	373.8	351.2	326.9	303.1	280.1	256.7	233.9



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	448.4	429.5	409.4	388.7	366.4	344.4	320.5	297.1	274.4	251.3	228.9
115°	438.5	419.7	400.7	380.0	358.5	336.9	313.3	290.5	268.3	245.5	223.4
117.5°	428.0	409.7	390.8	370.8	350.2	328.7	305.9	283.9	261.7	239.3	218.2
120°	417.3	398.5	380.0	360.7	340.4	319.1	297.5	276.4	254.6	232.9	212.7
122.5°	404.4	386.7	369.3	350.1	329.9	309.0	288.2	267.8	247.5	226.1	206.4
125°	391.3	374.3	356.7	338.4	318.7	298.6	278.5	258.8	239.3	218.5	199.7
127.5°	377.0	360.6	343.6	325.6	306.9	287.8	268.2	248.7	229.3	209.8	192.3
130°	361.9	346.2	329.7	311.1	293.5	275.7	257.1	238.2	219.4	201.3	184.7
132.5°	345.7	330.2	313.7	297.1	280.3	263.3	245.5	227.4	209.6	192.5	176.2
135°	328.2	313.4	297.8	282.2	266.7	249.9	232.9	215.9	199.1	183.2	167.7
137.5°	309.6	295.8	281.6	267.2	252.0	236.0	219.9	203.9	188.0	173.4	159.1
140°	291.1	278.4	264.6	250.5	236.0	221.2	206.2	191.3	176.6	163.1	150.0
142.5°	272.5	259.9	246.7	233.6	221.1	206.4	192.3	178.0	164.3	151.0	139.1
145°	252.6	240.9	228.9	216.7	204.0	190.9	177.9	165.2	151.8	139.4	128.4
147.5°	231.8	221.2	210.4	199.1	187.3	175.3	163.5	151.6	139.7	128.8	118.5
150°	210.5	200.8	190.7	180.1	169.4	158.8	148.1	137.7	127.6	117.8	108.5
152.5°	189.2	179.9	170.4	161.0	151.5	141.6	132.4	123.0	114.0	105.3	97.4
155°	167.2	158.4	149.6	141.7	133.6	125.3	116.9	108.5	100.9	92.9	86.9
157.5°	145.4	138.1	130.7	123.1	116.1	108.8	101.3	94.7	88.1	81.8	76.6
160°	123.9	117.4	110.8	104.8	98.7	92.3	86.5	80.4	74.1	69.3	64.6
162.5°	102.4	96.8	91.6	86.3	81.1	76.4	71.4	66.2	61.9	57.9	53.8
165°	81.4	77.1	73.3	69.0	65.0	60.9	56.6	53.2	49.9	46.5	42.9
167.5°	61.5	58.5	55.4	52.2	48.8	45.9	43.3	40.7	37.9	35.0	33.3
170°	43.4	40.9	38.6	36.7	34.7	32.7	30.6	28.4	26.1	25.0	24.0
172.5°	27.4	26.2	25.0	23.7	22.3	20.8	19.3	18.5	17.9	17.2	16.5
175°	14.6	13.7	12.8	12.4	12.0	11.6	11.2	10.7	10.2	9.7	9.2
177.5°	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	4.8	4.5	4.2	4.0	3.9	3.9	3.8	3.7	3.7	3.6	3.5
5°	8.6	8.1	7.5	6.9	6.8	6.7	6.6	6.5	6.3	6.2	6.0
7.5°	15.8	15.0	14.1	13.3	13.1	12.9	12.7	12.4	12.2	11.8	11.5
10°	23.0	21.9	20.8	19.6	19.4	19.2	18.9	18.5	18.1	17.8	17.3
12.5°	32.1	30.8	29.4	28.0	27.6	27.2	26.6	26.1	25.5	24.9	24.2
15°	41.2	39.7	38.0	36.3	35.7	35.1	34.4	33.6	32.9	32.2	31.4
17.5°	50.4	48.7	47.0	45.1	44.3	43.4	42.4	41.6	40.9	40.0	39.0
20°	59.6	57.7	55.9	53.9	52.8	51.7	50.5	49.7	48.8	47.9	46.5
22.5°	71.2	67.5	64.7	61.8	61.0	60.0	58.9	57.8	56.5	55.4	54.1
25°	81.5	77.0	73.9	70.6	69.7	68.6	67.4	66.1	64.7	63.2	61.6
27.5°	91.3	85.5	82.3	79.0	77.7	76.4	75.1	73.7	72.3	70.8	69.0
30°	101.2	93.8	90.6	87.3	85.7	84.0	82.7	81.2	80.0	78.6	76.3
32.5°	110.3	102.7	98.5	94.7	93.2	91.7	90.3	88.8	87.4	85.6	83.1
35°	119.0	111.5	106.4	102.0	100.8	99.4	97.9	96.3	94.5	92.2	89.6
37.5°	128.1	119.6	113.7	109.4	107.8	106.2	104.6	102.9	101.1	98.5	96.0
40°	137.4	127.8	121.1	116.7	114.8	112.9	111.3	109.5	107.4	104.7	102.3
42.5°	145.1	135.3	128.0	123.1	121.0	119.2	117.5	115.7	113.4	110.7	108.5
45°	153.0	142.7	134.9	129.5	127.3	125.4	123.6	121.8	119.3	116.7	114.4
47.5°	161.2	149.7	141.2	135.9	133.2	131.2	129.4	127.6	124.9	122.3	119.7
50°	169.3	156.6	147.4	142.2	139.1	137.0	135.2	133.2	130.3	127.5	124.5
52.5°	175.7	162.3	152.9	147.1	144.3	142.3	140.3	138.0	135.5	132.3	129.3
55°	182.0	167.8	158.4	152.0	149.6	147.6	145.3	142.8	140.5	136.8	133.7
57.5°	188.2	173.2	163.0	156.4	153.9	152.0	149.8	147.3	144.4	141.0	137.9
60°	194.3	178.5	167.6	160.8	158.2	156.3	154.4	151.5	148.1	145.0	142.1
62.5°	199.5	183.4	171.7	164.8	162.1	160.2	157.9	155.0	151.8	148.7	145.3
65°	204.3	188.3	175.7	168.7	165.9	164.0	161.4	158.5	155.5	152.1	148.3
67.5°	208.8	191.0	178.9	171.6	168.9	166.9	164.3	161.4	158.4	155.0	151.0
70°	212.1	194.4	181.9	174.6	171.8	169.8	167.1	164.2	160.7	157.3	153.3
72.5°	215.4	197.2	184.5	177.1	173.7	171.8	169.4	166.2	162.8	159.4	155.2
75°	218.6	200.0	187.3	179.5	175.6	173.7	171.7	168.1	165.0	161.2	157.2
77.5°	220.3	202.3	188.8	181.0	177.6	175.1	173.2	169.4	166.4	162.6	158.4
80°	221.8	205.0	190.3	182.4	179.5	176.6	174.6	170.8	167.8	164.0	159.2
82.5°	224.1	205.4	190.7	183.4	180.0	177.5	175.1	171.7	168.3	164.5	160.0
85°	225.6	205.9	191.2	184.4	180.4	178.5	175.5	172.6	168.8	164.9	160.8
87.5°	225.6	206.4	191.7	184.9	180.9	179.0	176.0	172.6	169.2	165.3	160.8
90°	225.6	206.9	192.2	185.3	181.4	179.5	176.5	172.6	169.7	165.7	160.8
92.5°	225.6	206.4	191.7	184.9	180.9	179.0	176.0	172.6	169.2	165.3	160.8
95°	225.6	205.9	191.2	184.4	180.4	178.5	175.5	172.6	168.8	164.9	160.8
97.5°	224.1	205.4	190.7	183.4	180.0	177.5	175.1	171.7	168.3	164.5	160.0
100°	221.8	205.0	190.3	182.4	179.5	176.6	174.6	170.8	167.8	164.0	159.2
102.5°	220.3	202.3	188.8	181.0	177.6	175.1	173.2	169.4	166.4	162.6	158.4
105°	218.6	200.0	187.3	179.5	175.6	173.7	171.7	168.1	165.0	161.2	157.2
107.5°	215.4	197.2	184.5	177.1	173.7	171.8	169.4	166.2	162.8	159.4	155.2
110°	212.1	194.4	181.9	174.6	171.8	169.8	167.1	164.2	160.7	157.3	153.3



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	208.8	191.0	178.9	171.6	168.9	166.9	164.3	161.4	158.4	155.0	151.0
115°	204.3	188.3	175.7	168.7	165.9	164.0	161.4	158.5	155.5	152.1	148.3
117.5°	199.5	183.4	171.7	164.8	162.1	160.2	157.9	155.0	151.8	148.7	145.3
120°	194.3	178.5	167.6	160.8	158.2	156.3	154.4	151.5	148.1	145.0	142.1
122.5°	188.2	173.2	163.0	156.4	153.9	152.0	149.8	147.3	144.4	141.0	137.9
125°	182.0	167.8	158.4	152.0	149.6	147.6	145.3	142.8	140.5	136.8	133.7
127.5°	175.7	162.3	152.9	147.1	144.3	142.3	140.3	138.0	135.5	132.3	129.3
130°	169.3	156.6	147.4	142.2	139.1	137.0	135.2	133.2	130.3	127.5	124.5
132.5°	161.2	149.7	141.2	135.9	133.2	131.2	129.4	127.6	124.9	122.3	119.7
135°	153.0	142.7	134.9	129.5	127.3	125.4	123.6	121.8	119.3	116.7	114.4
137.5°	145.1	135.3	128.0	123.1	121.0	119.2	117.5	115.7	113.4	110.7	108.5
140°	137.4	127.8	121.1	116.7	114.8	112.9	111.3	109.5	107.4	104.7	102.3
142.5°	128.1	119.6	113.7	109.4	107.8	106.2	104.6	102.9	101.1	98.5	96.0
145°	119.0	111.5	106.4	102.0	100.8	99.4	97.9	96.3	94.5	92.2	89.6
147.5°	110.3	102.7	98.5	94.7	93.2	91.7	90.3	88.8	87.4	85.6	83.1
150°	101.2	93.8	90.6	87.3	85.7	84.0	82.7	81.2	80.0	78.6	76.3
152.5°	91.3	85.5	82.3	79.0	77.7	76.4	75.1	73.7	72.3	70.8	69.0
155°	81.5	77.0	73.9	70.6	69.7	68.6	67.4	66.1	64.7	63.2	61.6
157.5°	71.2	67.5	64.7	61.8	61.0	60.0	58.9	57.8	56.5	55.4	54.1
160°	59.6	57.7	55.9	53.9	52.8	51.7	50.5	49.7	48.8	47.9	46.5
162.5°	50.4	48.7	47.0	45.1	44.3	43.4	42.4	41.6	40.9	40.0	39.0
165°	41.2	39.7	38.0	36.3	35.7	35.1	34.4	33.6	32.9	32.2	31.4
167.5°	32.1	30.8	29.4	28.0	27.6	27.2	26.6	26.1	25.5	24.9	24.2
170°	23.0	21.9	20.8	19.6	19.4	19.2	18.9	18.5	18.1	17.8	17.3
172.5°	15.8	15.0	14.1	13.2	13.1	12.9	12.7	12.4	12.2	11.8	11.5
175°	8.6	8.1	7.5	6.9	6.8	6.7	6.6	6.5	6.3	6.2	6.0
177.5°	4.8	4.5	4.2	4.0	3.9	3.9	3.8	3.7	3.7	3.6	3.5
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	3.4	3.3	3.3	3.2	3.1	3.0	2.8	2.7	2.6	2.5	2.4
5°	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9
7.5°	11.1	10.7	10.2	9.7	9.2	8.7	8.1	7.5	6.9	6.3	5.7
10°	16.8	16.2	15.6	15.0	14.3	13.7	13.0	12.2	11.5	10.7	9.9
12.5°	23.5	22.7	21.8	20.9	19.8	18.8	17.7	16.6	15.6	14.6	13.6
15°	30.6	29.4	28.2	27.0	25.7	24.5	23.3	22.0	20.6	19.2	17.6
17.5°	37.6	36.2	34.7	33.3	31.8	30.4	28.9	27.4	25.8	24.1	22.3
20°	45.0	43.4	41.7	40.1	38.3	36.6	34.9	33.1	31.1	28.7	26.7
22.5°	52.6	50.7	48.7	46.6	44.9	43.0	41.0	38.7	36.3	33.7	31.3
25°	59.9	58.0	56.0	53.9	51.6	49.3	46.8	44.2	41.5	38.8	36.1
27.5°	66.9	64.8	62.6	60.3	57.8	55.3	52.5	49.8	46.8	43.7	40.6
30°	73.9	71.6	69.3	66.6	63.9	61.0	57.8	54.6	51.5	48.1	44.7
32.5°	80.7	78.4	75.8	72.7	69.8	66.8	63.5	60.1	56.7	53.4	49.8
35°	87.3	84.8	81.8	78.7	75.7	72.6	69.1	65.3	61.7	58.0	54.0
37.5°	93.8	91.0	87.9	84.6	81.2	77.7	74.0	70.2	66.3	62.2	58.1
40°	99.9	96.8	93.4	89.9	86.4	82.9	79.1	74.9	70.6	66.4	62.1
42.5°	105.7	102.6	98.8	95.0	91.4	87.7	83.8	79.2	74.6	70.6	65.9
45°	111.0	107.5	103.8	100.1	96.3	92.7	88.2	83.5	79.0	74.2	69.2
47.5°	116.1	112.7	109.0	104.8	100.8	96.5	92.1	87.5	82.8	77.8	72.9
50°	121.1	117.4	113.4	109.2	105.0	100.4	95.9	91.2	86.4	81.3	76.3
52.5°	125.8	121.9	117.8	113.5	109.1	104.4	99.5	94.7	89.8	84.2	79.2
55°	130.0	126.0	121.8	117.3	113.0	108.2	102.9	97.6	92.6	87.3	82.1
57.5°	134.1	130.0	125.6	120.7	116.4	111.2	105.9	100.7	95.9	90.2	84.5
60°	137.9	133.3	128.8	124.2	119.5	114.3	109.0	103.6	98.2	92.5	86.8
62.5°	141.3	136.5	132.3	127.4	122.3	117.1	111.6	106.0	100.6	94.5	88.5
65°	144.2	139.8	134.7	130.1	125.0	119.7	114.0	108.3	102.6	96.3	90.5
67.5°	146.9	142.4	137.2	132.9	127.7	121.8	116.2	110.4	104.4	98.1	91.8
70°	148.9	144.4	139.9	134.8	129.1	123.8	118.2	112.3	106.2	99.9	93.2
72.5°	150.8	146.2	141.3	136.4	131.1	125.4	119.8	113.5	107.3	101.2	94.2
75°	152.6	147.8	142.8	137.5	132.1	126.6	121.0	114.8	108.3	102.0	95.1
77.5°	153.9	149.1	144.2	138.5	133.2	127.6	121.7	115.8	109.2	102.4	95.7
80°	155.1	150.2	145.3	139.6	133.9	128.1	122.6	116.4	109.7	102.8	95.9
82.5°	155.6	150.8	145.9	140.2	134.3	128.5	123.3	116.8	110.1	103.2	96.2
85°	156.0	151.1	146.2	140.4	134.5	128.6	122.9	116.9	110.0	103.2	96.3
87.5°	156.4	151.5	146.2	140.7	134.9	129.0	123.1	116.8	109.9	103.1	96.3
90°	156.9	152.0	146.1	141.2	135.3	129.5	123.6	116.7	109.8	103.0	96.1
92.5°	156.4	151.5	146.2	140.7	134.9	129.0	123.1	116.8	109.9	103.1	96.3
95°	156.0	151.1	146.2	140.4	134.5	128.6	122.9	116.9	110.0	103.2	96.3
97.5°	155.6	150.8	145.9	140.2	134.3	128.5	123.3	116.8	110.1	103.2	96.2
100°	155.1	150.2	145.3	139.6	133.9	128.1	122.6	116.4	109.7	102.8	95.9
102.5°	153.9	149.1	144.2	138.5	133.2	127.6	121.7	115.8	109.2	102.4	95.7
105°	152.6	147.8	142.8	137.5	132.1	126.6	121.0	114.8	108.3	102.0	95.1
107.5°	150.8	146.2	141.3	136.4	131.1	125.4	119.8	113.5	107.3	101.2	94.2
110°	148.9	144.4	139.9	134.8	129.1	123.8	118.2	112.3	106.2	99.9	93.2



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	146.9	142.4	137.2	132.9	127.7	121.8	116.2	110.4	104.4	98.1	91.8
115°	144.2	139.8	134.7	130.1	125.0	119.7	114.0	108.3	102.6	96.3	90.5
117.5°	141.3	136.5	132.3	127.4	122.3	117.1	111.6	106.0	100.6	94.5	88.5
120°	137.9	133.3	128.8	124.2	119.5	114.3	109.0	103.6	98.2	92.5	86.8
122.5°	134.1	130.0	125.6	120.7	116.4	111.2	105.9	100.7	95.9	90.2	84.5
125°	130.0	126.0	121.8	117.3	113.0	108.2	102.9	97.6	92.6	87.3	82.1
127.5°	125.8	121.9	117.8	113.5	109.1	104.4	99.5	94.7	89.8	84.2	79.2
130°	121.1	117.4	113.4	109.2	105.0	100.4	95.9	91.2	86.4	81.3	76.3
132.5°	116.1	112.7	109.0	104.8	100.8	96.5	92.1	87.5	82.8	77.8	72.9
135°	111.0	107.5	103.8	100.1	96.3	92.7	88.2	83.5	79.0	74.2	69.2
137.5°	105.7	102.6	98.8	95.0	91.4	87.7	83.8	79.2	74.6	70.6	65.9
140°	99.9	96.8	93.4	89.9	86.4	82.9	79.1	74.9	70.6	66.4	62.1
142.5°	93.8	91.0	87.9	84.6	81.2	77.7	74.0	70.2	66.3	62.2	58.1
145°	87.3	84.8	81.8	78.7	75.7	72.6	69.1	65.3	61.7	58.0	54.0
147.5°	80.7	78.4	75.8	72.7	69.8	66.8	63.5	60.1	56.7	53.4	49.8
150°	73.9	71.6	69.3	66.6	63.9	61.0	57.8	54.6	51.5	48.1	44.7
152.5°	66.9	64.8	62.6	60.3	57.8	55.3	52.5	49.8	46.8	43.7	40.6
155°	59.9	58.0	56.0	53.9	51.6	49.3	46.8	44.2	41.5	38.8	36.1
157.5°	52.6	50.7	48.7	46.6	44.9	43.0	41.0	38.7	36.3	33.7	31.3
160°	45.0	43.4	41.7	40.1	38.3	36.6	34.9	33.1	31.1	28.7	26.7
162.5°	37.6	36.2	34.7	33.3	31.8	30.4	28.9	27.4	25.8	24.1	22.3
165°	30.6	29.4	28.2	27.0	25.7	24.5	23.3	22.0	20.6	19.2	17.6
167.5°	23.5	22.7	21.8	20.9	19.8	18.8	17.7	16.6	15.6	14.6	13.6
170°	16.8	16.2	15.6	15.0	14.3	13.7	13.0	12.2	11.5	10.7	9.9
172.5°	11.1	10.7	10.2	9.7	9.2	8.7	8.1	7.5	6.9	6.3	5.7
175°	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9
177.5°	3.4	3.3	3.3	3.2	3.1	3.0	2.8	2.7	2.6	2.5	2.4
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1	0.9
5°	3.7	3.5	3.2	3.0	2.8	2.6	2.4	2.2	1.9	1.7	1.5
7.5°	4.9	4.7	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
10°	9.2	8.3	7.4	6.5	5.5	4.4	4.1	3.6	3.2	2.9	2.5
12.5°	12.5	11.4	10.3	9.2	8.1	6.9	5.8	4.7	3.8	3.4	3.0
15°	16.1	14.6	13.3	12.1	10.8	9.4	8.0	6.6	5.2	3.8	2.9
17.5°	20.5	18.6	16.6	14.7	13.0	11.5	9.9	8.3	6.8	5.3	3.7
20°	24.5	22.4	20.3	18.1	15.9	13.7	11.7	10.1	8.4	6.8	5.2
22.5°	28.9	26.4	24.0	21.5	19.0	16.4	14.0	11.6	9.8	7.9	6.1
25°	33.3	30.3	27.3	24.3	21.8	19.1	16.5	13.7	10.9	8.9	6.9
27.5°	37.4	34.3	31.2	28.1	24.9	21.7	18.6	15.6	12.7	9.5	7.6
30°	41.5	38.3	34.9	31.4	27.8	24.3	20.9	17.8	14.6	11.3	8.2
32.5°	45.8	42.1	38.4	34.4	30.9	27.2	23.4	19.3	16.0	12.6	9.3
35°	49.9	46.1	42.2	38.1	33.9	29.8	25.7	21.8	17.9	14.3	10.6
37.5°	54.0	49.9	45.4	41.3	36.9	32.4	28.1	23.9	19.5	15.2	11.5
40°	57.7	53.2	48.6	43.8	39.2	34.9	30.4	25.6	20.8	16.2	12.1
42.5°	61.2	56.7	51.9	47.0	42.3	37.0	31.5	26.5	21.9	17.4	13.3
45°	64.7	59.9	55.0	50.0	44.4	38.7	33.2	27.6	22.8	18.3	13.9
47.5°	68.1	62.8	57.5	52.1	46.4	40.7	34.7	28.9	24.3	18.9	14.1
50°	71.0	65.5	59.9	53.9	47.9	41.6	35.4	29.9	24.7	19.8	14.7
52.5°	73.7	67.8	62.0	55.7	49.1	42.7	36.6	30.8	25.4	20.2	15.2
55°	76.2	70.3	64.3	57.4	50.7	43.9	37.4	31.6	26.3	20.8	15.6
57.5°	78.5	72.5	66.2	59.1	52.4	45.1	38.3	32.6	27.0	21.2	15.8
60°	80.3	74.3	67.7	60.1	53.1	45.9	39.0	33.1	27.2	21.2	16.0
62.5°	82.4	76.2	69.3	61.6	54.1	46.8	39.7	33.2	27.1	21.4	16.4
65°	84.2	77.6	70.6	63.0	55.0	47.8	40.5	33.6	27.8	21.6	16.2
67.5°	85.5	79.1	72.2	64.7	56.4	48.7	41.0	34.2	28.0	21.7	16.3
70°	86.8	80.0	72.9	65.8	57.4	48.7	41.1	34.0	28.0	21.3	16.0
72.5°	88.0	80.9	74.1	66.9	58.9	49.8	42.0	34.4	27.6	21.1	15.4
75°	88.8	81.7	75.0	67.3	59.6	50.7	42.0	34.6	27.6	21.0	14.8
77.5°	89.1	82.2	75.1	67.5	60.5	52.1	43.5	35.0	27.1	20.5	14.5
80°	89.0	82.1	75.1	67.6	60.3	52.9	44.3	35.0	27.2	20.1	13.7
82.5°	89.3	81.8	74.9	67.6	60.3	52.7	44.6	36.2	27.8	19.9	13.1
85°	89.4	81.7	74.4	67.6	59.9	52.2	44.4	37.0	28.9	20.7	12.8
87.5°	89.4	81.8	74.4	67.6	59.9	52.2	44.4	37.0	28.9	20.7	12.8
90°	89.2	82.4	74.5	66.7	59.8	52.0	44.1	36.3	28.4	20.6	13.7
92.5°	89.4	81.8	74.0	66.9	59.1	52.3	43.6	36.6	28.8	21.6	13.6
95°	89.4	81.7	74.4	67.6	59.9	52.2	44.4	37.0	28.9	20.7	12.8
97.5°	89.3	81.8	74.9	67.6	60.3	52.7	44.6	36.2	27.8	19.9	13.1
100°	89.0	82.1	75.1	67.6	60.3	52.9	44.3	35.0	27.2	20.1	13.7
102.5°	89.1	82.2	75.1	67.5	60.5	52.1	43.5	35.0	27.1	20.5	14.5
105°	88.8	81.7	75.0	67.3	59.6	50.7	42.0	34.6	27.6	21.0	14.8
107.5°	88.0	80.9	74.1	66.9	58.9	49.8	42.0	34.4	27.6	21.1	15.4
110°	86.8	80.0	72.9	65.8	57.4	48.7	41.1	34.0	28.0	21.3	16.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	85.5	79.1	72.2	64.7	56.4	48.7	41.0	34.2	28.0	21.7	16.3
115°	84.2	77.6	70.6	63.0	55.0	47.8	40.5	33.6	27.8	21.6	16.2
117.5°	82.4	76.2	69.3	61.6	54.1	46.8	39.7	33.2	27.1	21.4	16.4
120°	80.3	74.3	67.7	60.1	53.1	45.9	39.0	33.1	27.2	21.2	16.0
122.5°	78.5	72.5	66.2	59.1	52.4	45.1	38.3	32.6	27.0	21.2	15.8
125°	76.2	70.3	64.3	57.4	50.7	43.9	37.4	31.6	26.3	20.8	15.6
127.5°	73.7	67.8	62.0	55.7	49.1	42.7	36.6	30.8	25.4	20.2	15.2
130°	71.0	65.5	59.9	53.9	47.9	41.6	35.4	29.9	24.7	19.8	14.7
132.5°	68.1	62.8	57.5	52.1	46.4	40.7	34.7	28.9	24.3	18.9	14.1
135°	64.7	59.9	55.0	50.0	44.4	38.7	33.2	27.6	22.8	18.3	13.9
137.5°	61.2	56.7	51.9	47.0	42.3	37.0	31.5	26.5	21.9	17.4	13.3
140°	57.7	53.2	48.6	43.8	39.2	34.9	30.4	25.6	20.8	16.2	12.1
142.5°	54.0	49.9	45.4	41.3	36.9	32.4	28.1	23.9	19.5	15.2	11.5
145°	49.9	46.1	42.2	38.1	33.9	29.8	25.7	21.8	17.9	14.3	10.6
147.5°	45.8	42.1	38.4	34.4	30.9	27.2	23.4	19.3	16.0	12.6	9.3
150°	41.5	38.3	34.9	31.4	27.8	24.3	20.9	17.8	14.6	11.3	8.2
152.5°	37.4	34.3	31.2	28.1	24.9	21.7	18.6	15.6	12.7	9.5	7.6
155°	33.3	30.3	27.3	24.3	21.8	19.1	16.5	13.7	10.9	8.9	6.9
157.5°	28.9	26.4	24.0	21.5	19.0	16.4	14.0	11.6	9.8	7.9	6.1
160°	24.5	22.4	20.3	18.1	15.9	13.7	11.7	10.1	8.4	6.8	5.2
162.5°	20.5	18.6	16.6	14.7	13.0	11.5	9.9	8.3	6.8	5.3	3.7
165°	16.1	14.6	13.3	12.1	10.8	9.4	8.0	6.6	5.2	3.8	2.9
167.5°	12.5	11.4	10.3	9.2	8.1	6.9	5.8	4.7	3.8	3.4	3.0
170°	9.2	8.3	7.4	6.5	5.5	4.4	4.1	3.6	3.2	2.9	2.5
172.5°	4.9	4.7	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
175°	3.7	3.5	3.2	3.0	2.8	2.6	2.4	2.2	1.9	1.7	1.5
177.5°	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1	0.9
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
7.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
10°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
12.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
15°	2.5	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
17.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
20°	3.6	2.6	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
22.5°	4.3	2.4	1.8	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.8
25°	5.1	3.2	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
27.5°	5.6	3.5	1.4	0.9	0.5	0.3	0.0	0.3	0.5	0.9	1.4
30°	6.1	4.0	2.0	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.0
32.5°	6.5	4.5	2.6	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.6
35°	7.0	4.8	3.0	1.2	0.7	0.3	0.0	0.3	0.7	1.2	3.0
37.5°	7.8	4.8	2.8	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.8
40°	8.5	4.9	2.8	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.8
42.5°	9.3	5.4	2.6	1.1	0.0	0.0	0.0	0.0	0.0	1.1	2.6
45°	9.6	6.0	2.8	1.4	0.0	0.0	0.0	0.0	0.0	1.4	2.8
47.5°	9.7	6.1	3.1	1.4	0.2	0.0	0.0	0.0	0.2	1.4	3.1
50°	10.1	6.0	3.1	0.9	0.2	0.0	0.0	0.0	0.2	0.9	3.1
52.5°	10.8	6.5	3.4	0.9	0.3	0.0	0.0	0.0	0.3	0.9	3.4
55°	10.5	6.5	3.3	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.3
57.5°	10.8	6.5	3.1	1.6	0.9	1.0	1.0	1.0	0.9	1.6	3.1
60°	11.3	7.1	3.8	1.7	1.0	1.0	1.0	1.0	1.0	1.7	3.8
62.5°	11.9	6.9	3.7	1.2	0.2	1.0	1.0	1.0	0.2	1.2	3.7
65°	11.7	7.1	3.6	1.2	0.8	1.0	1.0	1.0	0.8	1.2	3.6
67.5°	11.6	7.0	3.6	1.0	0.2	0.8	1.0	0.8	0.2	1.0	3.6
70°	11.8	7.1	3.1	0.9	0.0	0.6	1.0	0.6	0.0	0.9	3.1
72.5°	11.2	7.2	3.5	0.6	0.0	1.0	1.0	1.0	0.0	0.6	3.5
75°	10.1	6.0	3.0	0.8	0.0	1.0	1.0	1.0	0.0	0.8	3.0
77.5°	9.7	5.7	2.3	0.1	0.0	0.1	0.0	0.1	0.0	0.1	2.3
80°	8.7	4.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
82.5°	7.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	7.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	8.7	4.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
102.5°	9.7	5.7	2.3	0.1	0.0	0.1	0.0	0.1	0.0	0.1	2.3
105°	10.1	6.0	3.0	0.8	0.0	1.0	1.0	1.0	0.0	0.8	3.0
107.5°	11.2	7.2	3.5	0.6	0.0	1.0	1.0	1.0	0.0	0.6	3.5
110°	11.8	7.1	3.1	0.9	0.0	0.6	1.0	0.6	0.0	0.9	3.1



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	11.6	7.0	3.6	1.0	0.2	0.8	1.0	0.8	0.2	1.0	3.6
115°	11.7	7.1	3.6	1.2	0.8	1.0	1.0	1.0	0.8	1.2	3.6
117.5°	11.9	6.9	3.7	1.2	0.2	1.0	1.0	1.0	0.2	1.2	3.7
120°	11.3	7.1	3.8	1.7	1.0	1.0	1.0	1.0	1.0	1.7	3.8
122.5°	10.8	6.5	3.1	1.6	0.9	1.0	1.0	1.0	0.9	1.6	3.1
125°	10.5	6.5	3.3	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.3
127.5°	10.8	6.5	3.4	0.9	0.3	0.0	0.0	0.0	0.3	0.9	3.4
130°	10.1	6.0	3.1	0.9	0.2	0.0	0.0	0.0	0.2	0.9	3.1
132.5°	9.7	6.1	3.1	1.4	0.2	0.0	0.0	0.0	0.2	1.4	3.1
135°	9.6	6.0	2.8	1.4	0.0	0.0	0.0	0.0	0.0	1.4	2.8
137.5°	9.3	5.4	2.6	1.1	0.0	0.0	0.0	0.0	0.0	1.1	2.6
140°	8.5	4.9	2.8	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.8
142.5°	7.8	4.8	2.8	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.8
145°	7.0	4.8	3.0	1.2	0.7	0.3	0.0	0.3	0.7	1.2	3.0
147.5°	6.5	4.5	2.6	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.6
150°	6.1	4.0	2.0	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.0
152.5°	5.6	3.5	1.4	0.9	0.5	0.3	0.0	0.3	0.5	0.9	1.4
155°	5.1	3.2	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
157.5°	4.3	2.4	1.8	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.8
160°	3.6	2.6	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
162.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
165°	2.5	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
167.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
170°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
172.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
175°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
177.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	0.7	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0
5°	1.1	1.3	1.5	1.7	1.9	2.2	2.4	2.6	2.8	3.0	3.2
7.5°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.2	4.5
10°	1.7	2.1	2.5	2.9	3.2	3.6	4.1	4.4	5.5	6.5	7.4
12.5°	2.1	2.6	3.0	3.4	3.8	4.7	5.8	6.9	8.1	9.2	10.3
15°	2.0	2.5	2.9	3.8	5.2	6.6	8.0	9.4	10.8	12.1	13.3
17.5°	2.3	2.7	3.7	5.3	6.8	8.3	9.9	11.5	13.0	14.7	16.6
20°	2.6	3.6	5.2	6.8	8.4	10.1	11.7	13.7	15.9	18.1	20.3
22.5°	2.4	4.3	6.1	7.9	9.8	11.6	14.0	16.4	19.0	21.5	24.0
25°	3.2	5.1	6.9	8.9	10.9	13.7	16.5	19.1	21.8	24.3	27.3
27.5°	3.5	5.6	7.6	9.5	12.7	15.6	18.6	21.7	24.9	28.1	31.2
30°	4.0	6.1	8.2	11.3	14.6	17.8	20.9	24.3	27.8	31.4	34.9
32.5°	4.5	6.5	9.3	12.6	16.0	19.3	23.4	27.2	30.9	34.4	38.4
35°	4.8	7.0	10.6	14.3	17.9	21.8	25.7	29.8	33.9	38.1	42.2
37.5°	4.8	7.8	11.5	15.2	19.5	23.9	28.1	32.4	36.9	41.3	45.4
40°	4.9	8.5	12.1	16.2	20.8	25.6	30.4	34.9	39.2	43.8	48.6
42.5°	5.4	9.3	13.3	17.4	21.9	26.5	31.5	37.0	42.3	47.0	51.9
45°	6.0	9.6	13.9	18.3	22.8	27.6	33.2	38.7	44.4	50.0	55.0
47.5°	6.1	9.7	14.1	18.9	24.3	28.9	34.7	40.7	46.4	52.1	57.5
50°	6.0	10.1	14.7	19.8	24.7	29.9	35.4	41.6	47.9	53.9	59.9
52.5°	6.5	10.8	15.2	20.2	25.4	30.8	36.6	42.7	49.1	55.7	62.0
55°	6.5	10.5	15.6	20.8	26.3	31.6	37.4	43.9	50.7	57.4	64.3
57.5°	6.5	10.8	15.8	21.2	27.0	32.6	38.3	45.1	52.4	59.1	66.2
60°	7.1	11.3	16.0	21.2	27.2	33.1	39.0	45.9	53.1	60.1	67.7
62.5°	6.9	11.9	16.4	21.4	27.1	33.2	39.7	46.8	54.1	61.6	69.3
65°	7.1	11.7	16.2	21.6	27.8	33.6	40.5	47.8	55.0	63.0	70.6
67.5°	7.0	11.6	16.3	21.7	28.0	34.2	41.0	48.7	56.4	64.7	72.2
70°	7.1	11.8	16.0	21.3	28.0	34.0	41.1	48.7	57.4	65.8	72.9
72.5°	7.2	11.2	15.4	21.1	27.6	34.4	42.0	49.8	58.9	66.9	74.1
75°	6.0	10.1	14.8	21.0	27.6	34.6	42.0	50.7	59.6	67.3	75.0
77.5°	5.7	9.7	14.5	20.5	27.1	35.0	43.5	52.1	60.5	67.5	75.1
80°	4.6	8.7	13.7	20.1	27.2	35.0	44.3	52.9	60.3	67.6	75.1
82.5°	3.2	7.7	13.1	19.9	27.8	36.2	44.6	52.7	60.3	67.6	74.9
85°	1.9	6.8	12.8	20.7	28.9	37.0	44.4	52.2	59.9	67.6	74.4
87.5°	0.5	5.7	13.6	21.6	28.8	36.6	43.6	52.3	59.1	66.9	74.0
90°	0.0	6.9	13.7	20.6	28.4	36.3	44.1	52.0	59.8	66.7	74.5
92.5°	0.5	5.7	13.6	21.6	28.8	36.6	43.6	52.3	59.1	66.9	74.0
95°	1.9	6.8	12.8	20.7	28.9	37.0	44.4	52.2	59.9	67.6	74.4
97.5°	3.2	7.7	13.1	19.9	27.8	36.2	44.6	52.7	60.3	67.6	74.9
100°	4.6	8.7	13.7	20.1	27.2	35.0	44.3	52.9	60.3	67.6	75.1
102.5°	5.7	9.7	14.5	20.5	27.1	35.0	43.5	52.1	60.5	67.5	75.1
105°	6.0	10.1	14.8	21.0	27.6	34.6	42.0	50.7	59.6	67.3	75.0
107.5°	7.2	11.2	15.4	21.1	27.6	34.4	42.0	49.8	58.9	66.9	74.1
110°	7.1	11.8	16.0	21.3	28.0	34.0	41.1	48.7	57.4	65.8	72.9



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	7.0	11.6	16.3	21.7	28.0	34.2	41.0	48.7	56.4	64.7	72.2
115°	7.1	11.7	16.2	21.6	27.8	33.6	40.5	47.8	55.0	63.0	70.6
117.5°	6.9	11.9	16.4	21.4	27.1	33.2	39.7	46.8	54.1	61.6	69.3
120°	7.1	11.3	16.0	21.2	27.2	33.1	39.0	45.9	53.1	60.1	67.7
122.5°	6.5	10.8	15.8	21.2	27.0	32.6	38.3	45.1	52.4	59.1	66.2
125°	6.5	10.5	15.6	20.8	26.3	31.6	37.4	43.9	50.7	57.4	64.3
127.5°	6.5	10.8	15.2	20.2	25.4	30.8	36.6	42.7	49.1	55.7	62.0
130°	6.0	10.1	14.7	19.8	24.7	29.9	35.4	41.6	47.9	53.9	59.9
132.5°	6.1	9.7	14.1	18.9	24.3	28.9	34.7	40.7	46.4	52.1	57.5
135°	6.0	9.6	13.9	18.3	22.8	27.6	33.2	38.7	44.4	50.0	55.0
137.5°	5.4	9.3	13.3	17.4	21.9	26.5	31.5	37.0	42.3	47.0	51.9
140°	4.9	8.5	12.1	16.2	20.8	25.6	30.4	34.9	39.2	43.8	48.6
142.5°	4.8	7.8	11.5	15.2	19.5	23.9	28.1	32.4	36.9	41.3	45.4
145°	4.8	7.0	10.6	14.3	17.9	21.8	25.7	29.8	33.9	38.1	42.2
147.5°	4.5	6.5	9.3	12.6	16.0	19.3	23.4	27.2	30.9	34.4	38.4
150°	4.0	6.1	8.2	11.3	14.6	17.8	20.9	24.3	27.8	31.4	34.9
152.5°	3.5	5.6	7.6	9.5	12.7	15.6	18.6	21.7	24.9	28.1	31.2
155°	3.2	5.1	6.9	8.9	10.9	13.7	16.5	19.1	21.8	24.3	27.3
157.5°	2.4	4.3	6.1	7.9	9.8	11.6	14.0	16.4	19.0	21.5	24.0
160°	2.6	3.6	5.2	6.8	8.4	10.1	11.7	13.7	15.9	18.1	20.3
162.5°	2.3	2.7	3.7	5.3	6.8	8.3	9.9	11.5	13.0	14.7	16.6
165°	2.0	2.5	2.9	3.8	5.2	6.6	8.0	9.4	10.8	12.1	13.3
167.5°	2.1	2.6	3.0	3.4	3.8	4.7	5.8	6.9	8.1	9.2	10.3
170°	1.7	2.1	2.5	2.9	3.2	3.6	4.1	4.4	5.5	6.5	7.4
172.5°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.2	4.5
175°	1.1	1.3	1.5	1.7	1.9	2.2	2.4	2.6	2.8	3.0	3.2
177.5°	0.7	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	2.1	2.3	2.4	2.5	2.6	2.7	2.8	3.0	3.1	3.2	3.3
5°	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5
7.5°	4.7	4.9	5.7	6.3	6.9	7.5	8.1	8.7	9.2	9.7	10.2
10°	8.3	9.2	9.9	10.7	11.5	12.2	13.0	13.7	14.3	15.0	15.6
12.5°	11.4	12.5	13.6	14.6	15.6	16.6	17.7	18.8	19.8	20.9	21.8
15°	14.6	16.1	17.6	19.2	20.6	22.0	23.3	24.5	25.7	27.0	28.2
17.5°	18.6	20.5	22.3	24.1	25.8	27.4	28.9	30.4	31.8	33.3	34.7
20°	22.4	24.5	26.7	28.7	31.1	33.1	34.9	36.6	38.3	40.1	41.7
22.5°	26.4	28.9	31.3	33.7	36.3	38.7	41.0	43.0	44.9	46.6	48.7
25°	30.3	33.3	36.1	38.8	41.5	44.2	46.8	49.3	51.6	53.9	56.0
27.5°	34.3	37.4	40.6	43.7	46.8	49.8	52.5	55.3	57.8	60.3	62.6
30°	38.3	41.5	44.7	48.1	51.5	54.6	57.8	61.0	63.9	66.6	69.3
32.5°	42.1	45.8	49.8	53.4	56.7	60.1	63.5	66.8	69.8	72.7	75.8
35°	46.1	49.9	54.0	58.0	61.7	65.3	69.1	72.6	75.7	78.7	81.8
37.5°	49.9	54.0	58.1	62.2	66.3	70.2	74.0	77.7	81.2	84.6	87.9
40°	53.2	57.7	62.1	66.4	70.6	74.9	79.1	82.9	86.4	89.9	93.4
42.5°	56.7	61.2	65.9	70.6	74.6	79.2	83.8	87.7	91.4	95.0	98.8
45°	59.9	64.7	69.2	74.2	79.0	83.5	88.2	92.7	96.3	100.1	103.8
47.5°	62.8	68.1	72.9	77.8	82.8	87.5	92.1	96.5	100.8	104.8	109.0
50°	65.5	71.0	76.3	81.3	86.4	91.2	95.9	100.4	105.0	109.2	113.4
52.5°	67.8	73.7	79.2	84.2	89.8	94.7	99.5	104.4	109.1	113.5	117.8
55°	70.3	76.2	82.1	87.3	92.6	97.6	102.9	108.2	113.0	117.3	121.8
57.5°	72.5	78.5	84.5	90.2	95.9	100.7	105.9	111.2	116.4	120.7	125.6
60°	74.3	80.3	86.8	92.5	98.2	103.6	109.0	114.3	119.5	124.2	128.8
62.5°	76.2	82.4	88.5	94.5	100.6	106.0	111.6	117.1	122.3	127.4	132.3
65°	77.6	84.2	90.5	96.3	102.6	108.3	114.0	119.7	125.0	130.1	134.7
67.5°	79.1	85.5	91.8	98.1	104.4	110.4	116.2	121.8	127.7	132.9	137.2
70°	80.0	86.8	93.2	99.9	106.2	112.3	118.2	123.8	129.1	134.8	139.9
72.5°	80.9	88.0	94.2	101.2	107.3	113.5	119.8	125.4	131.1	136.4	141.3
75°	81.7	88.8	95.1	102.0	108.3	114.8	121.0	126.6	132.1	137.5	142.8
77.5°	82.2	89.1	95.7	102.4	109.2	115.8	121.7	127.6	133.2	138.5	144.2
80°	82.1	89.0	95.9	102.8	109.7	116.4	122.6	128.1	133.9	139.6	145.3
82.5°	81.8	89.3	96.2	103.2	110.1	116.8	123.3	128.5	134.3	140.2	145.9
85°	81.7	89.4	96.3	103.2	110.0	116.9	122.9	128.6	134.5	140.4	146.2
87.5°	81.8	89.4	96.3	103.2	110.0	116.9	122.9	128.6	134.5	140.4	146.2
90°	82.4	89.2	96.1	103.0	109.8	116.7	123.6	129.5	135.3	141.2	146.1
92.5°	81.8	89.4	96.3	103.1	109.9	116.8	123.1	129.0	134.9	140.7	146.2
95°	81.7	89.4	96.3	103.2	110.0	116.9	122.9	128.6	134.5	140.4	146.2
97.5°	81.8	89.3	96.2	103.2	110.1	116.8	123.3	128.5	134.3	140.2	145.9
100°	82.1	89.0	95.9	102.8	109.7	116.4	122.6	128.1	133.9	139.6	145.3
102.5°	82.2	89.1	95.7	102.4	109.2	115.8	121.7	127.6	133.2	138.5	144.2
105°	81.7	88.8	95.1	102.0	108.3	114.8	121.0	126.6	132.1	137.5	142.8
107.5°	80.9	88.0	94.2	101.2	107.3	113.5	119.8	125.4	131.1	136.4	141.3
110°	80.0	86.8	93.2	99.9	106.2	112.3	118.2	123.8	129.1	134.8	139.9



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	79.1	85.5	91.8	98.1	104.4	110.4	116.2	121.8	127.7	132.9	137.2
115°	77.6	84.2	90.5	96.3	102.6	108.3	114.0	119.7	125.0	130.1	134.7
117.5°	76.2	82.4	88.5	94.5	100.6	106.0	111.6	117.1	122.3	127.4	132.3
120°	74.3	80.3	86.8	92.5	98.2	103.6	109.0	114.3	119.5	124.2	128.8
122.5°	72.5	78.5	84.5	90.2	95.9	100.7	105.9	111.2	116.4	120.7	125.6
125°	70.3	76.2	82.1	87.3	92.6	97.6	102.9	108.2	113.0	117.3	121.8
127.5°	67.8	73.7	79.2	84.2	89.8	94.7	99.5	104.4	109.1	113.5	117.8
130°	65.5	71.0	76.3	81.3	86.4	91.2	95.9	100.4	105.0	109.2	113.4
132.5°	62.8	68.1	72.9	77.8	82.8	87.5	92.1	96.5	100.8	104.8	109.0
135°	59.9	64.7	69.2	74.2	79.0	83.5	88.2	92.7	96.3	100.1	103.8
137.5°	56.7	61.2	65.9	70.6	74.6	79.2	83.8	87.7	91.4	95.0	98.8
140°	53.2	57.7	62.1	66.4	70.6	74.9	79.1	82.9	86.4	89.9	93.4
142.5°	49.9	54.0	58.1	62.2	66.3	70.2	74.0	77.7	81.2	84.6	87.9
145°	46.1	49.9	54.0	58.0	61.7	65.3	69.1	72.6	75.7	78.7	81.8
147.5°	42.1	45.8	49.8	53.4	56.7	60.1	63.5	66.8	69.8	72.7	75.8
150°	38.3	41.5	44.7	48.1	51.5	54.6	57.8	61.0	63.9	66.6	69.3
152.5°	34.3	37.4	40.6	43.7	46.8	49.8	52.5	55.3	57.8	60.3	62.6
155°	30.3	33.3	36.1	38.8	41.5	44.2	46.8	49.3	51.6	53.9	56.0
157.5°	26.4	28.9	31.3	33.7	36.3	38.7	41.0	43.0	44.9	46.6	48.7
160°	22.4	24.5	26.7	28.7	31.1	33.1	34.9	36.6	38.3	40.1	41.7
162.5°	18.6	20.5	22.3	24.1	25.8	27.4	28.9	30.4	31.8	33.3	34.7
165°	14.6	16.1	17.6	19.2	20.6	22.0	23.3	24.5	25.7	27.0	28.2
167.5°	11.4	12.5	13.6	14.6	15.6	16.6	17.7	18.8	19.8	20.9	21.8
170°	8.3	9.2	9.9	10.7	11.5	12.2	13.0	13.7	14.3	15.0	15.6
172.5°	4.7	4.9	5.7	6.3	6.9	7.5	8.1	8.7	9.2	9.7	10.2
175°	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5
177.5°	2.1	2.3	2.4	2.5	2.6	2.7	2.8	3.0	3.1	3.2	3.3
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	3.9	4.0	4.2
5°	5.7	5.9	6.0	6.2	6.3	6.5	6.6	6.7	6.8	6.9	7.5
7.5°	10.7	11.1	11.5	11.8	12.2	12.4	12.7	12.9	13.1	13.3	14.1
10°	16.2	16.8	17.3	17.8	18.1	18.5	18.9	19.2	19.4	19.6	20.8
12.5°	22.7	23.5	24.2	24.9	25.5	26.1	26.6	27.2	27.6	28.0	29.4
15°	29.4	30.6	31.4	32.2	32.9	33.6	34.4	35.1	35.7	36.3	38.0
17.5°	36.2	37.6	39.0	40.0	40.9	41.6	42.4	43.4	44.3	45.1	47.0
20°	43.4	45.0	46.5	47.9	48.8	49.7	50.5	51.7	52.8	53.9	55.9
22.5°	50.7	52.6	54.1	55.4	56.5	57.8	58.9	60.0	61.0	61.8	64.7
25°	58.0	59.9	61.6	63.2	64.7	66.1	67.4	68.6	69.7	70.6	73.9
27.5°	64.8	66.9	69.0	70.8	72.3	73.7	75.1	76.4	77.7	79.0	82.3
30°	71.6	73.9	76.3	78.6	80.0	81.2	82.7	84.0	85.7	87.3	90.6
32.5°	78.4	80.7	83.1	85.6	87.4	88.8	90.3	91.7	93.2	94.7	98.5
35°	84.8	87.3	89.6	92.2	94.5	96.3	97.9	99.4	100.8	102.0	106.4
37.5°	91.0	93.8	96.0	98.5	101.1	102.9	104.6	106.2	107.8	109.4	113.7
40°	96.8	99.9	102.3	104.7	107.4	109.5	111.3	112.9	114.8	116.7	121.1
42.5°	102.6	105.7	108.5	110.7	113.4	115.7	117.5	119.2	121.0	123.1	128.0
45°	107.5	111.0	114.4	116.7	119.3	121.8	123.6	125.4	127.3	129.5	134.9
47.5°	112.7	116.1	119.7	122.3	124.9	127.6	129.4	131.2	133.2	135.9	141.2
50°	117.4	121.1	124.5	127.5	130.3	133.2	135.2	137.0	139.1	142.2	147.4
52.5°	121.9	125.8	129.3	132.3	135.5	138.0	140.3	142.3	144.3	147.1	152.9
55°	126.0	130.0	133.7	136.8	140.5	142.8	145.3	147.6	149.6	152.0	158.4
57.5°	130.0	134.1	137.9	141.0	144.4	147.3	149.8	152.0	153.9	156.4	163.0
60°	133.3	137.9	142.1	145.0	148.1	151.5	154.4	156.3	158.2	160.8	167.6
62.5°	136.5	141.3	145.3	148.7	151.8	155.0	157.9	160.2	162.1	164.8	171.7
65°	139.8	144.2	148.3	152.1	155.5	158.5	161.4	164.0	165.9	168.7	175.7
67.5°	142.4	146.9	151.0	155.0	158.4	161.4	164.3	166.9	168.9	171.6	178.9
70°	144.4	148.9	153.3	157.3	160.7	164.2	167.1	169.8	171.8	174.6	181.9
72.5°	146.2	150.8	155.2	159.4	162.8	166.2	169.4	171.8	173.7	177.1	184.5
75°	147.8	152.6	157.2	161.2	165.0	168.1	171.7	173.7	175.6	179.5	187.3
77.5°	149.1	153.9	158.4	162.6	166.4	169.4	173.2	175.1	177.6	181.0	188.8
80°	150.2	155.1	159.2	164.0	167.8	170.8	174.6	176.6	179.5	182.4	190.3
82.5°	150.8	155.6	160.0	164.5	168.3	171.7	175.1	177.5	180.0	183.4	190.7
85°	151.1	156.0	160.8	164.9	168.8	172.6	175.5	178.5	180.4	184.4	191.2
87.5°	151.5	156.4	160.8	165.3	169.2	172.6	176.0	179.0	180.9	184.9	191.7
90°	152.0	156.9	160.8	165.7	169.7	172.6	176.5	179.5	181.4	185.3	192.2
92.5°	151.5	156.4	160.8	165.3	169.2	172.6	176.0	179.0	180.9	184.9	191.7
95°	151.1	156.0	160.8	164.9	168.8	172.6	175.5	178.5	180.4	184.4	191.2
97.5°	150.8	155.6	160.0	164.5	168.3	171.7	175.1	177.5	180.0	183.4	190.7
100°	150.2	155.1	159.2	164.0	167.8	170.8	174.6	176.6	179.5	182.4	190.3
102.5°	149.1	153.9	158.4	162.6	166.4	169.4	173.2	175.1	177.6	181.0	188.8
105°	147.8	152.6	157.2	161.2	165.0	168.1	171.7	173.7	175.6	179.5	187.3
107.5°	146.2	150.8	155.2	159.4	162.8	166.2	169.4	171.8	173.7	177.1	184.5
110°	144.4	148.9	153.3	157.3	160.7	164.2	167.1	169.8	171.8	174.6	181.9



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	142.4	146.9	151.0	155.0	158.4	161.4	164.3	166.9	168.9	171.6	178.9
115°	139.8	144.2	148.3	152.1	155.5	158.5	161.4	164.0	165.9	168.7	175.7
117.5°	136.5	141.3	145.3	148.7	151.8	155.0	157.9	160.2	162.1	164.8	171.7
120°	133.3	137.9	142.1	145.0	148.1	151.5	154.4	156.3	158.2	160.8	167.6
122.5°	130.0	134.1	137.9	141.0	144.4	147.3	149.8	152.0	153.9	156.4	163.0
125°	126.0	130.0	133.7	136.8	140.5	142.8	145.3	147.6	149.6	152.0	158.4
127.5°	121.9	125.8	129.3	132.3	135.5	138.0	140.3	142.3	144.3	147.1	152.9
130°	117.4	121.1	124.5	127.5	130.3	133.2	135.2	137.0	139.1	142.2	147.4
132.5°	112.7	116.1	119.7	122.3	124.9	127.6	129.4	131.2	133.2	135.9	141.2
135°	107.5	111.0	114.4	116.7	119.3	121.8	123.6	125.4	127.3	129.5	134.9
137.5°	102.6	105.7	108.5	110.7	113.4	115.7	117.5	119.2	121.0	123.1	128.0
140°	96.8	99.9	102.3	104.7	107.4	109.5	111.3	112.9	114.8	116.7	121.1
142.5°	91.0	93.8	96.0	98.5	101.1	102.9	104.6	106.2	107.8	109.4	113.7
145°	84.8	87.3	89.6	92.2	94.5	96.3	97.9	99.4	100.8	102.0	106.4
147.5°	78.4	80.7	83.1	85.6	87.4	88.8	90.3	91.7	93.2	94.7	98.5
150°	71.6	73.9	76.3	78.6	80.0	81.2	82.7	84.0	85.7	87.3	90.6
152.5°	64.8	66.9	69.0	70.8	72.3	73.7	75.1	76.4	77.7	79.0	82.3
155°	58.0	59.9	61.6	63.2	64.7	66.1	67.4	68.6	69.7	70.6	73.9
157.5°	50.7	52.6	54.1	55.4	56.5	57.8	58.9	60.0	61.0	61.8	64.7
160°	43.4	45.0	46.5	47.9	48.8	49.7	50.5	51.7	52.8	53.9	55.9
162.5°	36.2	37.6	39.0	40.0	40.9	41.6	42.4	43.4	44.3	45.1	47.0
165°	29.4	30.6	31.4	32.2	32.9	33.6	34.4	35.1	35.7	36.3	38.0
167.5°	22.7	23.5	24.2	24.9	25.5	26.1	26.6	27.2	27.6	28.0	29.4
170°	16.2	16.8	17.3	17.8	18.1	18.5	18.9	19.2	19.4	19.6	20.8
172.5°	10.7	11.1	11.5	11.8	12.2	12.4	12.7	12.9	13.1	13.3	14.1
175°	5.7	5.9	6.0	6.2	6.3	6.5	6.6	6.7	6.8	6.9	7.5
177.5°	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	3.9	4.0	4.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	4.5	4.8	5.0	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7
5°	8.1	8.6	9.2	9.7	10.2	10.7	11.2	11.6	12.0	12.4	12.8
7.5°	15.0	15.8	16.5	17.2	17.9	18.5	19.3	20.8	22.3	23.7	25.0
10°	21.9	23.0	24.0	25.0	26.1	28.4	30.6	32.7	34.7	36.7	38.6
12.5°	30.8	32.1	33.3	35.0	37.9	40.7	43.3	45.9	48.8	52.2	55.4
15°	39.7	41.2	42.9	46.5	49.9	53.2	56.6	60.9	65.0	69.0	73.3
17.5°	48.7	50.4	53.8	57.9	61.9	66.2	71.4	76.4	81.1	86.3	91.6
20°	57.7	59.6	64.6	69.3	74.1	80.4	86.5	92.3	98.7	104.8	110.8
22.5°	67.5	71.2	76.6	81.8	88.1	94.7	101.3	108.8	116.1	123.1	130.7
25°	77.0	81.5	86.9	92.9	100.9	108.5	116.9	125.3	133.6	141.7	149.6
27.5°	85.5	91.3	97.4	105.3	114.0	123.0	132.4	141.6	151.5	161.0	170.4
30°	93.8	101.2	108.5	117.8	127.6	137.7	148.1	158.8	169.4	180.1	190.7
32.5°	102.7	110.3	118.5	128.8	139.7	151.6	163.5	175.3	187.3	199.1	210.4
35°	111.5	119.0	128.4	139.4	151.8	165.2	177.9	190.9	204.0	216.7	228.9
37.5°	119.6	128.1	139.1	151.0	164.3	178.0	192.3	206.4	221.1	233.6	246.7
40°	127.8	137.4	150.0	163.1	176.6	191.3	206.2	221.2	236.0	250.5	264.6
42.5°	135.3	145.1	159.1	173.4	188.0	203.9	219.9	236.0	252.0	267.2	281.6
45°	142.7	153.0	167.7	183.2	199.1	215.9	232.9	249.9	266.7	282.2	297.8
47.5°	149.7	161.2	176.2	192.5	209.6	227.4	245.5	263.3	280.3	297.1	313.7
50°	156.6	169.3	184.7	201.3	219.4	238.2	257.1	275.7	293.5	311.1	329.7
52.5°	162.3	175.7	192.3	209.8	229.3	248.7	268.2	287.8	306.9	325.6	343.6
55°	167.8	182.0	199.7	218.5	239.3	258.8	278.5	298.6	318.7	338.4	356.7
57.5°	173.2	188.2	206.4	226.1	247.5	267.8	288.2	309.0	329.9	350.1	369.3
60°	178.5	194.3	212.7	232.9	254.6	276.4	297.5	319.1	340.4	360.7	380.0
62.5°	183.4	199.5	218.2	239.3	261.7	283.9	305.9	328.7	350.2	370.8	390.8
65°	188.3	204.3	223.4	245.5	268.3	290.5	313.3	336.9	358.5	380.0	400.7
67.5°	191.0	208.8	228.9	251.3	274.4	297.1	320.5	344.4	366.4	388.7	409.4
70°	194.4	212.1	233.9	256.7	280.1	303.1	326.9	351.2	373.8	394.7	416.4
72.5°	197.2	215.4	237.6	260.4	284.2	308.1	332.3	357.0	380.4	402.3	423.7
75°	200.0	218.6	240.8	263.4	287.6	312.6	337.2	361.7	385.7	408.1	429.5
77.5°	202.3	220.3	242.9	266.1	291.1	316.1	341.1	365.4	390.0	412.7	434.5
80°	205.0	221.8	244.7	268.7	294.4	318.8	344.4	368.1	392.9	416.0	438.2
82.5°	205.4	224.1	246.6	270.5	296.2	320.6	346.2	370.8	395.6	418.6	441.2
85°	205.9	225.6	247.1	272.6	298.1	322.6	348.1	374.4	397.9	420.5	443.7
87.5°	206.4	225.6	247.1	273.1	298.1	322.2	348.6	374.6	398.2	421.7	445.2
90°	206.9	225.6	247.1	273.6	298.1	321.7	349.1	374.6	397.2	421.7	445.2
92.5°	206.4	225.6	247.1	273.1	298.1	322.2	348.6	374.6	398.2	421.7	445.2
95°	205.9	225.6	247.1	272.6	298.1	322.6	348.1	374.4	397.9	420.5	443.7
97.5°	205.4	224.1	246.6	270.5	296.2	320.6	346.2	370.8	395.6	418.6	441.2
100°	205.0	221.8	244.7	268.7	294.4	318.8	344.4	368.1	392.9	416.0	438.2
102.5°	202.3	220.3	242.9	266.1	291.1	316.1	341.1	365.4	390.0	412.7	434.5
105°	200.0	218.6	240.8	263.4	287.6	312.6	337.2	361.7	385.7	408.1	429.5
107.5°	197.2	215.4	237.6	260.4	284.2	308.1	332.3	357.0	380.4	402.3	423.7
110°	194.4	212.1	233.9	256.7	280.1	303.1	326.9	351.2	373.8	394.7	416.4



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	191.0	208.8	228.9	251.3	274.4	297.1	320.5	344.4	366.4	388.7	409.4
115°	188.3	204.3	223.4	245.5	268.3	290.5	313.3	336.9	358.5	380.0	400.7
117.5°	183.4	199.5	218.2	239.3	261.7	283.9	305.9	328.7	350.2	370.8	390.8
120°	178.5	194.3	212.7	232.9	254.6	276.4	297.5	319.1	340.4	360.7	380.0
122.5°	173.2	188.2	206.4	226.1	247.5	267.8	288.2	309.0	329.9	350.1	369.3
125°	167.8	182.0	199.7	218.5	239.3	258.8	278.5	298.6	318.7	338.4	356.7
127.5°	162.3	175.7	192.3	209.8	229.3	248.7	268.2	287.8	306.9	325.6	343.6
130°	156.6	169.3	184.7	201.3	219.4	238.2	257.1	275.7	293.5	311.1	329.7
132.5°	149.7	161.2	176.2	192.5	209.6	227.4	245.5	263.3	280.3	297.1	313.7
135°	142.7	153.0	167.7	183.2	199.1	215.9	232.9	249.9	266.7	282.2	297.8
137.5°	135.3	145.1	159.1	173.4	188.0	203.9	219.9	236.0	252.0	267.2	281.6
140°	127.8	137.4	150.0	163.1	176.6	191.3	206.2	221.2	236.0	250.5	264.6
142.5°	119.6	128.1	139.1	151.0	164.3	178.0	192.3	206.4	221.1	233.6	246.7
145°	111.5	119.0	128.4	139.4	151.8	165.2	177.9	190.9	204.0	216.7	228.9
147.5°	102.7	110.3	118.5	128.8	139.7	151.6	163.5	175.3	187.3	199.1	210.4
150°	93.8	101.2	108.5	117.8	127.6	137.7	148.1	158.8	169.4	180.1	190.7
152.5°	85.5	91.3	97.4	105.3	114.0	123.0	132.4	141.6	151.5	161.0	170.4
155°	77.0	81.5	86.9	92.9	100.9	108.5	116.9	125.3	133.6	141.7	149.6
157.5°	67.5	71.2	76.6	81.8	88.1	94.7	101.3	108.8	116.1	123.1	130.7
160°	57.7	59.6	64.6	69.3	74.1	80.4	86.5	92.3	98.7	104.8	110.8
162.5°	48.7	50.4	53.8	57.9	61.9	66.2	71.4	76.4	81.1	86.3	91.6
165°	39.7	41.2	42.9	46.5	49.9	53.2	56.6	60.9	65.0	69.0	73.3
167.5°	30.8	32.1	33.3	35.0	37.9	40.7	43.3	45.9	48.8	52.2	55.4
170°	21.9	23.0	24.0	25.0	26.1	28.4	30.6	32.7	34.7	36.7	38.6
172.5°	15.0	15.8	16.5	17.2	17.9	18.5	19.3	20.8	22.3	23.7	25.0
175°	8.1	8.6	9.2	9.7	10.2	10.7	11.2	11.6	12.0	12.4	12.8
177.5°	4.5	4.8	5.0	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.6	7.7	7.7	7.8
5°	13.7	14.7	15.5	16.4	17.2	17.9	18.6	19.3	19.9	20.5	21.0
7.5°	26.2	27.4	28.4	29.4	30.4	31.7	32.7	34.3	35.7	37.0	38.3
10°	40.9	43.4	45.6	47.7	49.7	51.4	53.1	54.7	56.4	57.9	59.3
12.5°	58.5	61.5	64.3	67.5	70.5	73.3	75.9	78.3	80.4	82.5	84.5
15°	77.1	81.4	85.4	89.2	92.8	96.6	100.1	103.4	106.4	109.1	111.6
17.5°	96.8	102.4	107.2	112.4	117.3	121.8	125.8	129.5	132.8	135.9	138.8
20°	117.4	123.9	130.3	136.2	141.5	146.4	151.0	155.2	159.3	163.1	166.5
22.5°	138.1	145.4	152.6	159.2	165.5	171.0	176.2	181.1	185.7	189.9	193.7
25°	158.4	167.2	176.5	182.8	189.6	195.9	201.8	207.2	212.1	216.7	221.5
27.5°	179.9	189.2	197.7	205.9	213.7	220.8	228.4	233.7	239.6	245.1	249.6
30°	200.8	210.5	220.1	229.6	238.3	246.3	253.6	260.4	266.4	271.9	277.2
32.5°	221.2	231.8	242.7	253.1	262.2	270.7	278.7	286.1	292.5	298.1	303.8
35°	240.9	252.6	264.1	275.1	284.9	293.6	302.1	309.8	316.9	323.5	329.2
37.5°	259.9	272.5	284.9	296.6	306.4	316.1	325.6	333.8	341.2	349.6	355.3
40°	278.4	291.1	304.0	316.5	328.0	339.6	348.9	356.8	364.9	372.8	380.0
42.5°	295.8	309.6	323.9	337.0	349.2	359.5	368.8	378.4	388.3	396.0	403.6
45°	313.4	328.2	342.7	356.0	367.8	378.3	389.3	399.7	409.7	418.5	424.4
47.5°	330.2	345.7	360.3	374.0	386.1	398.0	409.4	419.8	429.6	437.4	444.1
50°	346.2	361.9	377.0	391.1	404.1	416.7	428.3	438.8	449.1	456.9	464.1
52.5°	360.6	377.0	392.9	407.7	421.4	433.7	445.7	456.9	465.9	475.0	482.7
55°	374.3	391.3	408.4	422.3	436.5	450.2	462.6	473.2	483.0	492.9	500.5
57.5°	386.7	404.4	421.1	436.8	452.0	465.2	477.9	489.5	499.3	508.8	517.4
60°	398.5	417.3	433.7	449.8	465.0	478.7	491.9	503.6	514.0	523.7	532.3
62.5°	409.7	428.0	445.6	461.9	476.8	491.9	505.7	517.6	527.9	537.7	546.6
65°	419.7	438.5	456.6	473.2	489.2	504.5	518.8	529.9	540.4	550.8	559.7
67.5°	429.5	448.4	466.2	483.8	500.0	514.5	528.9	540.7	551.7	562.6	572.2
70°	437.0	456.8	475.0	493.0	509.0	524.1	538.3	550.9	562.4	573.7	583.5
72.5°	444.0	463.6	482.3	500.6	517.1	532.9	547.0	559.5	571.7	583.2	593.3
75°	450.2	469.9	488.8	507.0	524.0	539.5	554.3	567.1	579.7	591.2	601.6
77.5°	455.5	475.6	494.1	512.3	529.6	545.7	560.5	573.9	585.7	597.7	608.1
80°	458.9	479.5	498.1	516.5	534.1	550.3	565.2	578.7	591.0	602.7	613.4
82.5°	461.6	482.5	501.5	519.7	537.2	552.9	567.6	582.4	595.1	607.0	617.8
85°	463.5	484.1	504.2	522.1	539.0	555.2	569.9	584.9	597.4	609.5	620.3
87.5°	465.2	485.4	505.7	523.7	540.7	556.7	571.5	586.5	598.2	611.0	621.7
90°	465.8	485.4	505.1	523.7	541.3	556.0	570.8	586.5	598.2	611.0	620.8
92.5°	465.2	485.4	505.7	523.7	540.7	556.7	571.5	586.5	598.2	611.0	621.7
95°	463.5	484.1	504.2	522.1	539.0	555.2	569.9	584.9	597.4	609.5	620.3
97.5°	461.6	482.5	501.5	519.7	537.2	552.9	567.6	582.4	595.1	607.0	617.8
100°	458.9	479.5	498.1	516.5	534.1	550.3	565.2	578.7	591.0	602.7	613.4
102.5°	455.5	475.6	494.1	512.3	529.6	545.7	560.5	573.9	585.7	597.7	608.1
105°	450.2	469.9	488.8	507.0	524.0	539.5	554.3	567.1	579.7	591.2	601.6
107.5°	444.0	463.6	482.3	500.6	517.1	532.9	547.0	559.5	571.7	583.2	593.3
110°	437.0	456.8	475.0	493.0	509.0	524.1	538.3	550.9	562.4	573.7	583.5



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	429.5	448.4	466.2	483.8	500.0	514.5	528.9	540.7	551.7	562.6	572.2
115°	419.7	438.5	456.6	473.2	489.2	504.5	518.8	529.9	540.4	550.8	559.7
117.5°	409.7	428.0	445.6	461.9	476.8	491.9	505.7	517.6	527.9	537.7	546.6
120°	398.5	417.3	433.7	449.8	465.0	478.7	491.9	503.6	514.0	523.7	532.3
122.5°	386.7	404.4	421.1	436.8	452.0	465.2	477.9	489.5	499.3	508.8	517.4
125°	374.3	391.3	408.4	422.3	436.5	450.2	462.6	473.2	483.0	492.9	500.5
127.5°	360.6	377.0	392.9	407.7	421.4	433.7	445.7	456.9	465.9	475.0	482.7
130°	346.2	361.9	377.0	391.1	404.1	416.7	428.3	438.8	449.1	456.9	464.1
132.5°	330.2	345.7	360.3	374.0	386.1	398.0	409.4	419.8	429.6	437.4	444.1
135°	313.4	328.2	342.7	356.0	367.8	378.3	389.3	399.7	409.7	418.5	424.4
137.5°	295.8	309.6	323.9	337.0	349.2	359.5	368.8	378.4	388.3	396.0	403.6
140°	278.4	291.1	304.0	316.5	328.0	339.6	348.9	356.8	364.9	372.8	380.0
142.5°	259.9	272.5	284.9	296.6	306.4	316.1	325.6	333.8	341.2	349.6	355.3
145°	240.9	252.6	264.1	275.1	284.9	293.6	302.1	309.8	316.9	323.5	329.2
147.5°	221.2	231.8	242.7	253.1	262.2	270.7	278.7	286.1	292.5	298.1	303.8
150°	200.8	210.5	220.1	229.6	238.3	246.3	253.6	260.4	266.4	271.9	277.2
152.5°	179.9	189.2	197.7	205.9	213.7	220.8	228.4	233.7	239.6	245.1	249.6
155°	158.4	167.2	176.5	182.8	189.6	195.9	201.8	207.2	212.1	216.7	221.5
157.5°	138.1	145.4	152.6	159.2	165.5	171.0	176.2	181.1	185.7	189.9	193.7
160°	117.4	123.9	130.3	136.2	141.5	146.4	151.0	155.2	159.3	163.1	166.5
162.5°	96.8	102.4	107.2	112.4	117.3	121.8	125.8	129.5	132.8	135.9	138.8
165°	77.1	81.4	85.4	89.2	92.8	96.6	100.1	103.4	106.4	109.1	111.6
167.5°	58.5	61.5	64.3	67.5	70.5	73.3	75.9	78.3	80.4	82.5	84.5
170°	40.9	43.4	45.6	47.7	49.7	51.4	53.1	54.7	56.4	57.9	59.3
172.5°	26.2	27.4	28.4	29.4	30.4	31.7	32.7	34.3	35.7	37.0	38.3
175°	13.7	14.6	15.5	16.4	17.2	17.9	18.6	19.3	19.9	20.5	21.0
177.5°	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.6	7.7	7.7	7.8
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	7.8	7.8	7.8	7.7	7.7	7.6	7.8	7.6	7.5	7.3	7.2
5°	21.4	21.8	22.2	22.5	22.7	22.9	23.0	23.1	23.6	23.4	23.1
7.5°	39.4	40.4	41.3	42.1	42.8	43.4	43.8	44.2	44.4	45.1	44.7
10°	60.3	62.0	63.5	64.8	65.9	66.8	67.5	68.0	68.3	69.3	68.7
12.5°	86.3	87.8	89.0	90.3	91.9	93.3	94.5	95.4	96.1	96.5	97.2
15°	113.9	115.9	117.6	119.0	120.2	121.6	123.1	124.2	124.9	125.4	126.1
17.5°	141.6	144.2	146.5	148.4	149.9	151.1	152.3	153.6	154.5	155.0	155.9
20°	169.5	172.3	174.8	176.9	178.5	179.7	180.4	181.4	182.4	183.1	184.2
22.5°	197.0	199.8	202.5	205.3	207.4	209.0	210.0	210.4	211.6	212.4	213.8
25°	225.8	229.6	232.9	235.1	237.1	238.7	239.8	240.5	241.0	242.0	242.3
27.5°	253.5	257.1	260.2	263.0	265.1	267.3	268.6	269.2	269.0	269.7	270.0
30°	281.0	285.1	289.1	292.3	294.1	295.4	296.6	297.2	297.2	297.4	298.0
32.5°	308.7	312.5	315.2	318.2	320.6	322.4	323.4	323.7	323.2	322.4	322.8
35°	334.0	338.2	341.8	344.8	347.4	348.8	349.3	349.7	349.6	348.9	350.1
37.5°	360.2	364.2	367.8	371.1	373.7	374.5	374.4	374.2	374.8	374.8	375.0
40°	385.4	388.9	392.2	395.4	397.7	398.7	398.9	398.6	399.0	398.5	399.0
42.5°	408.9	412.9	416.4	419.7	421.8	422.8	423.3	422.8	422.1	421.6	421.0
45°	430.2	435.6	439.2	442.7	444.7	447.1	446.9	446.5	445.7	445.0	443.2
47.5°	450.6	456.6	461.5	464.7	466.0	467.6	468.5	468.3	467.1	466.0	464.5
50°	470.5	476.6	481.3	484.9	487.8	489.0	489.3	488.9	488.2	487.1	486.3
52.5°	489.5	495.9	501.1	505.2	508.4	510.0	510.4	510.0	508.7	506.8	505.6
55°	507.4	513.8	519.5	523.8	527.5	529.4	529.8	529.2	528.0	526.3	525.8
57.5°	524.3	530.5	536.1	540.8	545.4	547.4	548.4	547.5	545.6	544.2	543.2
60°	539.8	546.2	551.2	556.6	561.4	563.9	565.1	564.3	562.7	561.5	560.5
62.5°	554.4	560.3	566.1	572.5	576.5	579.1	580.8	580.6	579.1	577.2	574.4
65°	568.1	574.9	580.8	586.1	590.3	593.7	595.3	595.7	593.5	591.8	589.3
67.5°	581.2	588.0	593.8	598.1	601.9	605.6	607.9	608.9	606.6	604.7	602.7
70°	592.2	599.7	605.9	609.3	613.0	616.2	618.7	619.9	619.1	616.4	614.8
72.5°	602.1	609.6	615.7	620.6	623.3	625.9	627.9	628.9	630.5	626.9	624.6
75°	610.2	618.1	624.3	628.8	632.0	634.6	635.4	637.0	637.5	636.9	633.8
77.5°	617.6	625.3	632.0	636.8	640.1	642.5	642.8	642.8	643.5	644.3	641.6
80°	623.0	630.8	637.3	642.4	645.8	649.0	649.8	648.6	647.0	648.5	648.4
82.5°	627.4	634.6	641.0	646.2	649.9	652.7	654.0	653.8	652.8	649.8	652.4
85°	630.1	637.8	643.8	649.1	652.4	655.0	656.5	656.3	655.8	653.9	650.6
87.5°	630.6	638.2	644.2	649.2	652.9	655.0	656.0	656.4	656.0	654.4	653.3
90°	630.6	637.4	644.3	649.2	652.2	654.1	656.1	655.1	654.1	652.2	649.2
92.5°	630.6	638.2	644.2	649.2	652.9	655.0	656.0	656.4	656.0	654.4	653.3
95°	630.1	637.8	643.8	649.1	652.4	655.0	656.5	656.3	655.8	653.9	650.6
97.5°	627.4	634.6	641.0	646.2	649.9	652.7	654.0	653.8	652.8	649.8	652.4
100°	623.0	630.8	637.3	642.4	645.8	649.0	649.8	648.6	647.0	648.5	648.4
102.5°	617.6	625.3	632.0	636.8	640.1	642.5	642.8	642.8	643.5	644.3	641.6
105°	610.2	618.1	624.3	628.8	632.0	634.6	635.4	637.0	637.5	636.9	633.8
107.5°	602.1	609.6	615.7	620.6	623.3	625.9	627.9	628.9	630.5	626.9	624.6
110°	592.2	599.7	605.9	609.3	613.0	616.2	618.7	619.9	619.1	616.4	614.8



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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°	581.2	588.0	593.8	598.1	601.9	605.6	607.9	608.9	606.6	604.7	602.7
115°	568.1	574.9	580.8	586.1	590.3	593.7	595.3	595.7	593.5	591.8	589.3
117.5°	554.4	560.3	566.1	572.5	576.5	579.1	580.8	580.6	579.1	577.2	574.4
120°	539.8	546.2	551.2	556.6	561.4	563.9	565.1	564.3	562.7	561.5	560.5
122.5°	524.3	530.5	536.1	540.8	545.4	547.4	548.4	547.5	545.6	544.2	543.2
125°	507.4	513.8	519.5	523.8	527.5	529.4	529.8	529.2	528.0	526.3	525.8
127.5°	489.5	495.9	501.1	505.2	508.4	510.0	510.4	510.0	508.7	506.8	505.6
130°	470.5	476.6	481.3	484.9	487.8	489.0	489.3	488.9	488.2	487.1	486.3
132.5°	450.6	456.6	461.5	464.7	466.0	467.6	468.5	468.3	467.1	466.0	464.5
135°	430.2	435.6	439.2	442.7	444.7	447.1	446.9	446.5	445.7	445.0	443.2
137.5°	408.9	412.9	416.4	419.7	421.8	422.8	423.3	422.8	422.1	421.6	421.0
140°	385.4	388.9	392.2	395.4	397.7	398.7	398.9	398.6	399.0	398.5	399.0
142.5°	360.2	364.2	367.8	371.1	373.7	374.5	374.4	374.2	374.8	374.8	375.0
145°	334.0	338.2	341.8	344.8	347.4	348.8	349.3	349.7	349.6	348.9	350.1
147.5°	308.7	312.5	315.2	318.2	320.6	322.4	323.4	323.7	323.2	322.4	322.8
150°	281.0	285.1	289.1	292.3	294.1	295.4	296.6	297.2	297.2	297.4	298.0
152.5°	253.5	257.1	260.2	263.0	265.1	267.3	268.6	269.2	269.0	269.7	270.0
155°	225.8	229.6	232.9	235.1	237.1	238.7	239.8	240.5	241.0	242.0	242.3
157.5°	197.0	199.8	202.5	205.3	207.4	209.0	210.0	210.4	211.6	212.4	213.8
160°	169.5	172.3	174.8	176.9	178.5	179.7	180.4	181.4	182.4	183.1	184.2
162.5°	141.6	144.2	146.5	148.4	149.9	151.1	152.3	153.6	154.5	155.0	155.9
165°	113.9	115.9	117.6	119.0	120.2	121.6	123.1	124.2	124.9	125.4	126.1
167.5°	86.3	87.8	89.0	90.3	91.9	93.3	94.5	95.4	96.1	96.5	97.2
170°	60.3	62.0	63.5	64.8	65.9	66.8	67.5	68.0	68.3	69.3	68.7
172.5°	39.4	40.4	41.3	42.1	42.8	43.4	43.8	44.2	44.4	45.1	44.7
175°	21.4	21.8	22.2	22.5	22.7	22.9	23.0	23.1	23.6	23.4	23.1
177.5°	7.8	7.8	7.8	7.7	7.7	7.6	7.8	7.6	7.5	7.3	7.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1.0	1.0
2.5°	7.0	6.9
5°	22.9	22.6
7.5°	44.4	44.1
10°	68.2	67.7
12.5°	96.6	96.1
15°	125.3	124.5
17.5°	154.9	154.0
20°	183.3	182.4
22.5°	212.8	211.8
25°	242.4	241.2
27.5°	270.0	268.7
30°	298.3	297.1
32.5°	322.9	321.7
35°	351.4	351.1
37.5°	375.1	373.6
40°	402.4	404.0
42.5°	423.2	423.7
45°	445.2	445.2
47.5°	467.6	469.7
50°	489.4	492.3
52.5°	506.3	507.0
55°	526.6	526.6
57.5°	543.9	546.2
60°	560.9	560.0
62.5°	575.9	576.6
65°	590.7	591.4
67.5°	603.4	605.1
70°	615.5	615.9
72.5°	626.0	627.6
75°	634.0	636.5
77.5°	641.7	645.3
80°	647.6	650.2
82.5°	652.4	656.1
85°	656.4	659.0
87.5°	652.7	661.0
90°	649.2	655.1
92.5°	652.7	661.0
95°	656.4	659.0
97.5°	652.4	656.1
100°	647.6	650.2
102.5°	641.7	645.3
105°	634.0	636.5
107.5°	626.0	627.6
110°	615.5	615.9



TEST NUMBER: P231965

CATALOG NUMBER: FVS4WM-4-LD4-35-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	603.4	605.1
115°	590.7	591.4
117.5°	575.9	576.6
120°	560.9	560.0
122.5°	543.9	546.2
125°	526.6	526.6
127.5°	506.3	507.0
130°	489.4	492.3
132.5°	467.6	469.7
135°	445.2	445.2
137.5°	423.2	423.7
140°	402.4	404.0
142.5°	375.1	373.6
145°	351.4	351.1
147.5°	322.9	321.7
150°	298.3	297.1
152.5°	270.0	268.7
155°	242.4	241.2
157.5°	212.8	211.8
160°	183.3	182.4
162.5°	154.9	154.0
165°	125.3	124.5
167.5°	96.6	96.1
170°	68.2	67.7
172.5°	44.4	44.1
175°	22.9	22.6
177.5°	7.0	6.9
180°	1.0	1.0

(END OF REPORT)