

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: P232035

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

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232035
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-LD4-50-1STD-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

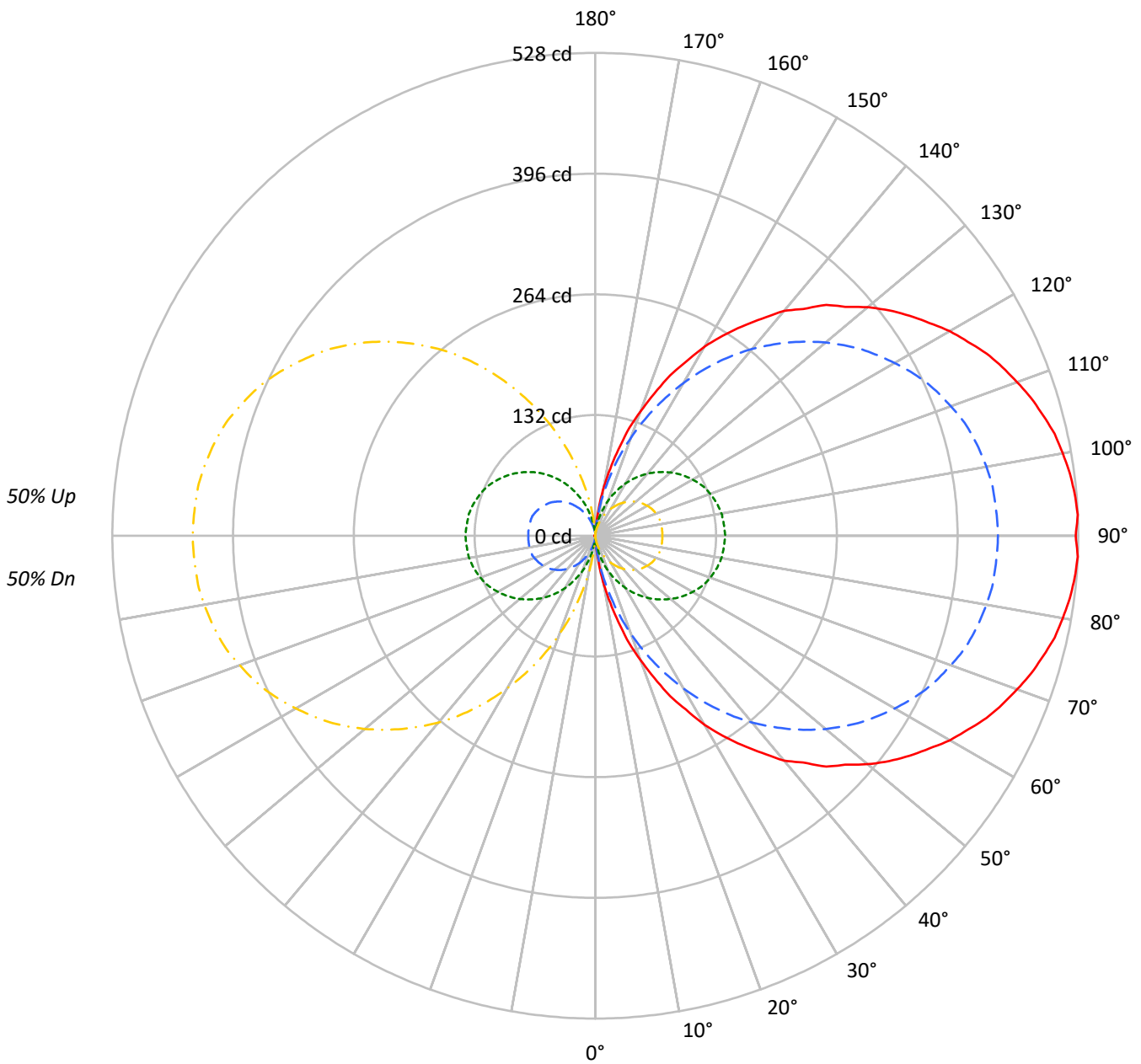
Lumens per Lamp: N/A
Luminaire Lumens: 2251.3 lumens
Efficiency: N/A
Efficacy: 79.0 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 28.5
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



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	281	88	0	88
10°	837	302	0	302
15°	1375	537	0	537
20°	1885	820	0	820
25°	2363	1102	0	1102
30°	2764	1413	0	1413
35°	3097	1737	0	1737
40°	3438	2089	0	2089
45°	3726	2476	0	2476
50°	3986	2922	0	2922
55°	4258	3443	0	3443
60°	4531	4081	0	4081
65°	4804	4897	0	4897
70°	5063	5949	9	5949
75°	5341	7464	9	7464
80°	5626	9878	0	9878
85°	5925	14313	0	14313



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.2	0.1
10°-20°	12.5	0.6
20°-30°	39.2	1.7
30°-40°	78.0	3.5
40°-50°	123.4	5.5
50°-60°	169.2	7.5
60°-70°	209.5	9.3
70°-80°	239.0	10.6
80°-90°	253.5	11.3
90°-100°	253.5	11.3
100°-110°	239.0	10.6
110°-120°	209.5	9.3
120°-130°	169.2	7.5
130°-140°	123.4	5.5
140°-150°	78.0	3.5
150°-160°	39.2	1.7
160°-170°	12.5	0.6
170°-180°	1.2	0.1
0°-30°	52.9	2.3
0°-40°	130.9	5.8
0°-60°	423.6	18.8
0°-90°	1125.6	50.0
90°-120°	702.1	31.2
90°-150°	1072.7	47.7
90°-180°	1126.0	50.0
0°-180°	2251.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	16	4	0	4	16	3
15°	98	27	0	27	98	29
25°	193	53	0	53	193	90
35°	279	78	0	78	279	177
45°	357	98	0	98	357	275
55°	419	116	0	116	419	376
65°	472	129	0	129	472	467
75°	507	137	1	137	507	536
85°	526	141	0	141	526	428
90°	525	142	0	142	525	289
95°	526	141	0	141	526	428
105°	507	137	1	137	507	536
115°	472	129	0	129	472	467
125°	419	116	0	116	419	376
135°	357	98	0	98	357	275
145°	279	78	0	78	279	177
155°	193	53	0	53	193	90
165°	98	27	0	27	98	29
175°	16	4	0	4	16	3
180°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.4	5.5	5.6	5.7	5.8	5.9	6.0	5.8	5.8	5.9	5.8
5°	16.3	16.6	16.9	17.1	17.4	17.1	17.2	17.1	17.1	16.9	16.8
7.5°	33.4	33.8	34.1	34.5	34.1	34.0	33.8	33.6	33.2	32.8	32.2
10°	54.2	54.7	55.2	55.7	54.9	54.6	54.2	53.7	52.9	52.1	51.0
12.5°	75.0	75.6	76.2	75.9	75.8	75.5	75.0	74.3	73.3	72.2	71.3
15°	97.6	98.4	99.3	98.9	98.8	98.4	97.7	96.8	95.6	94.6	93.3
17.5°	123.8	124.1	124.4	123.2	122.4	121.3	120.1	119.1	118.3	117.1	115.5
20°	144.6	145.4	146.2	145.5	145.0	144.1	143.2	142.5	141.5	140.1	138.3
22.5°	168.1	169.0	170.0	169.0	168.4	167.6	167.1	166.3	165.1	163.5	161.6
25°	193.4	194.0	193.7	193.1	192.1	191.4	190.8	189.7	188.2	186.3	184.4
27.5°	214.2	215.4	215.6	215.4	214.9	214.5	213.7	212.4	210.5	209.0	206.8
30°	238.6	239.1	238.5	237.7	237.1	236.7	235.8	234.3	232.7	230.5	228.0
32.5°	259.4	260.0	259.4	258.5	258.5	258.2	257.2	256.2	254.9	252.9	249.8
35°	279.3	279.9	279.3	278.7	279.3	279.2	278.4	277.5	276.2	274.2	271.4
37.5°	299.2	299.9	299.2	299.1	299.6	299.5	299.0	298.0	296.1	294.0	291.2
40°	320.9	320.9	319.4	319.1	319.0	318.6	318.5	317.9	316.2	313.5	310.4
42.5°	336.2	337.0	336.5	337.2	337.5	337.3	336.9	335.9	334.6	332.4	329.4
45°	357.0	356.1	353.7	354.9	355.4	355.5	354.9	354.7	352.7	350.5	347.7
47.5°	370.6	371.1	370.4	371.5	372.2	372.7	372.6	371.8	370.2	367.9	364.7
50°	388.7	389.2	388.4	388.5	388.8	389.0	389.0	388.4	387.1	385.3	381.9
52.5°	404.9	404.9	404.2	404.4	404.9	405.1	405.5	404.6	402.9	400.5	397.6
55°	419.4	419.4	418.4	418.4	420.0	420.5	420.6	420.1	418.4	415.9	412.1
57.5°	433.0	433.0	433.0	433.6	434.6	435.4	435.5	435.0	433.4	430.5	427.3
60°	447.4	446.6	446.0	446.8	448.0	449.1	449.2	448.7	447.1	443.9	440.1
62.5°	459.2	458.7	458.0	458.9	460.4	462.0	462.3	461.3	459.5	456.2	451.6
65°	471.8	470.4	470.1	471.1	472.4	474.2	473.9	473.2	471.1	467.5	463.4
67.5°	481.8	480.6	480.8	482.1	483.7	485.1	484.6	483.5	481.3	477.5	473.4
70°	490.8	489.4	489.9	491.4	493.6	494.9	494.3	492.5	489.7	486.3	482.3
72.5°	499.8	498.3	498.1	499.8	501.7	503.1	502.1	500.7	497.9	494.2	489.8
75°	507.1	504.9	506.0	507.9	509.9	509.7	508.7	507.1	504.9	500.9	496.3
77.5°	514.3	511.2	512.9	515.1	515.8	515.7	514.0	512.6	510.3	506.5	502.1
80°	518.8	516.3	518.5	520.0	520.2	519.4	518.4	517.7	514.8	510.9	506.7
82.5°	523.3	520.6	523.2	522.9	522.9	523.0	521.8	520.1	517.6	514.3	509.9
85°	526.0	524.6	524.4	524.6	524.8	524.6	523.7	522.3	520.0	516.8	511.5
87.5°	527.9	525.6	524.4	524.3	525.0	525.0	524.0	522.0	519.9	517.0	512.2
90°	525.1	520.6	520.6	522.4	523.3	523.3	523.3	521.5	519.7	517.0	511.6
92.5°	527.9	525.6	524.4	524.3	525.0	525.0	524.0	522.0	519.9	517.0	512.2
95°	526.0	524.6	524.4	524.6	524.8	524.6	523.7	522.3	520.0	516.8	511.5
97.5°	523.3	520.6	523.2	522.9	522.9	523.0	521.8	520.1	517.6	514.3	509.9
100°	518.8	516.3	518.5	520.0	520.2	519.4	518.4	517.7	514.8	510.9	506.7
102.5°	514.3	511.2	512.9	515.1	515.8	515.7	514.0	512.6	510.3	506.5	502.1
105°	507.1	504.9	506.0	507.9	509.9	509.7	508.7	507.1	504.9	500.9	496.3
107.5°	499.8	498.3	498.1	499.8	501.7	503.1	502.1	500.7	497.9	494.2	489.8
110°	490.8	489.4	489.9	491.4	493.6	494.9	494.3	492.5	489.7	486.3	482.3



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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°	481.8	480.6	480.8	482.1	483.7	485.1	484.6	483.5	481.3	477.5	473.4
115°	471.8	470.4	470.1	471.1	472.4	474.2	473.9	473.2	471.1	467.5	463.4
117.5°	459.2	458.7	458.0	458.9	460.4	462.0	462.3	461.3	459.5	456.2	451.6
120°	447.4	446.6	446.0	446.8	448.0	449.1	449.2	448.7	447.1	443.9	440.1
122.5°	433.0	433.0	433.0	433.6	434.6	435.4	435.5	435.0	433.4	430.5	427.3
125°	419.4	419.4	418.4	418.4	420.0	420.5	420.6	420.1	418.4	415.9	412.1
127.5°	404.9	404.9	404.2	404.4	404.9	405.1	405.5	404.6	402.9	400.5	397.6
130°	388.7	389.2	388.4	388.5	388.8	389.0	389.0	388.4	387.1	385.3	381.9
132.5°	370.6	371.1	370.4	371.5	372.2	372.7	372.6	371.8	370.2	367.9	364.7
135°	357.0	356.1	353.7	354.9	355.4	355.5	354.9	354.7	352.7	350.5	347.7
137.5°	336.2	337.0	336.5	337.2	337.5	337.3	336.9	335.9	334.6	332.4	329.4
140°	320.9	320.9	319.4	319.1	319.0	318.6	318.5	317.9	316.2	313.5	310.4
142.5°	299.2	299.9	299.2	299.1	299.6	299.5	299.0	298.0	296.1	294.0	291.2
145°	279.3	279.9	279.3	278.7	279.3	279.2	278.4	277.5	276.2	274.2	271.4
147.5°	259.4	260.0	259.4	258.5	258.5	258.2	257.2	256.2	254.9	252.9	249.8
150°	238.6	239.1	238.5	237.7	237.1	236.7	235.8	234.3	232.7	230.5	228.0
152.5°	214.2	215.4	215.6	215.4	214.9	214.5	213.7	212.4	210.5	209.0	206.8
155°	193.4	194.0	193.7	193.1	192.1	191.4	190.8	189.7	188.2	186.3	184.4
157.5°	168.1	169.0	170.0	169.0	168.4	167.6	167.1	166.3	165.1	163.5	161.6
160°	144.6	145.4	146.2	145.5	145.0	144.1	143.2	142.5	141.5	140.1	138.3
162.5°	123.8	124.1	124.4	123.2	122.4	121.3	120.1	119.1	118.3	117.1	115.5
165°	97.6	98.4	99.3	98.9	98.8	98.4	97.7	96.8	95.6	94.6	93.3
167.5°	75.0	75.6	76.2	75.9	75.8	75.5	75.0	74.3	73.3	72.2	71.3
170°	54.2	54.7	55.2	55.7	54.9	54.6	54.2	53.7	52.9	52.1	51.0
172.5°	33.4	33.8	34.1	34.5	34.1	34.0	33.8	33.6	33.2	32.8	32.2
175°	16.3	16.6	16.9	17.1	17.4	17.1	17.2	17.1	17.1	16.9	16.8
177.5°	5.4	5.5	5.6	5.7	5.8	5.9	6.0	5.8	5.8	5.9	5.8
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°	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1
5°	16.6	16.3	16.0	15.6	15.2	14.7	14.2	13.6	13.0	12.3	11.6
7.5°	31.6	30.9	30.1	29.2	28.3	27.2	26.0	25.2	24.1	23.2	22.3
10°	49.8	48.5	47.4	46.1	44.7	43.2	41.8	40.5	39.0	37.4	35.7
12.5°	70.2	68.9	67.4	65.6	63.6	61.7	59.6	57.5	55.1	52.7	50.2
15°	91.8	90.1	88.3	86.2	83.9	81.2	78.4	75.5	72.5	69.7	66.8
17.5°	113.6	111.3	108.9	106.5	104.2	101.4	98.3	95.0	91.5	87.9	84.2
20°	136.2	133.8	131.2	128.4	125.2	121.8	118.2	114.3	109.9	105.5	101.2
22.5°	159.6	157.0	154.1	150.7	147.0	143.0	138.7	134.2	129.4	124.3	119.1
25°	182.0	179.4	176.3	172.9	168.7	164.0	159.1	154.0	148.4	142.6	137.3
27.5°	204.0	200.9	197.6	193.9	189.4	184.4	179.6	173.1	167.5	161.4	154.8
30°	225.1	222.2	219.1	214.5	210.1	205.3	199.1	192.8	186.3	179.6	172.6
32.5°	246.9	243.7	240.0	235.2	230.0	224.5	218.6	212.0	204.9	197.6	189.7
35°	268.1	264.4	260.4	255.9	250.6	244.3	237.7	230.8	223.5	215.5	206.9
37.5°	287.9	284.1	279.8	275.7	269.5	263.6	256.7	249.2	241.4	233.2	223.9
40°	307.3	303.8	299.3	294.0	287.8	281.2	274.4	266.8	258.1	249.2	240.0
42.5°	325.9	322.6	318.3	312.5	307.3	299.0	290.9	282.8	273.9	264.4	254.6
45°	343.7	339.4	334.9	329.6	323.1	316.2	307.8	298.8	289.5	279.8	268.9
47.5°	361.4	357.4	351.9	346.0	338.9	331.1	323.4	314.1	304.2	294.7	283.4
50°	378.3	373.9	368.3	362.1	355.7	346.5	337.9	328.7	318.3	307.5	296.4
52.5°	394.1	389.3	383.6	376.6	369.1	361.4	352.0	342.4	332.5	320.3	308.6
55°	408.3	403.9	397.6	390.8	382.7	374.1	365.0	355.4	344.4	332.8	321.3
57.5°	422.3	416.6	410.5	403.5	395.6	386.8	377.1	366.8	355.9	344.3	331.6
60°	435.7	429.5	422.7	415.7	407.4	398.5	388.7	377.8	366.5	354.6	341.7
62.5°	446.4	441.6	434.3	426.3	418.2	409.4	399.4	388.5	376.7	364.3	351.1
65°	457.6	451.5	444.8	436.3	428.0	419.1	409.2	398.2	386.0	372.8	359.4
67.5°	467.9	461.4	454.2	446.1	437.1	427.5	417.6	406.5	394.3	381.0	366.7
70°	476.7	470.4	463.4	454.4	444.9	435.0	424.9	413.7	401.4	388.7	373.8
72.5°	484.2	478.1	470.6	461.8	452.5	442.6	432.1	421.0	407.8	395.5	380.6
75°	490.9	484.6	477.2	468.2	459.1	449.2	437.9	426.3	413.7	400.8	386.0
77.5°	496.8	490.1	482.5	474.2	464.6	454.2	442.6	430.5	418.0	404.5	389.4
80°	501.1	494.3	486.6	478.1	468.5	457.5	445.8	434.1	421.2	407.8	392.9
82.5°	504.5	498.0	490.1	481.1	470.9	460.0	448.5	437.3	424.0	410.0	396.1
85°	506.0	499.6	492.1	482.9	472.4	462.0	450.4	438.5	425.5	411.8	398.1
87.5°	506.8	500.7	492.6	483.7	473.6	463.7	451.9	439.6	426.3	413.1	399.2
90°	506.2	500.7	492.6	484.5	473.6	463.7	451.9	440.2	425.7	413.1	398.6
92.5°	506.8	500.7	492.6	483.7	473.6	463.7	451.9	439.6	426.3	413.1	399.2
95°	506.0	499.6	492.1	482.9	472.4	462.0	450.4	438.5	425.5	411.8	398.1
97.5°	504.5	498.0	490.1	481.1	470.9	460.0	448.5	437.3	424.0	410.0	396.1
100°	501.1	494.3	486.6	478.1	468.5	457.5	445.8	434.1	421.2	407.8	392.9
102.5°	496.8	490.1	482.5	474.2	464.6	454.2	442.6	430.5	418.0	404.5	389.4
105°	490.9	484.6	477.2	468.2	459.1	449.2	437.9	426.3	413.7	400.8	386.0
107.5°	484.2	478.1	470.6	461.8	452.5	442.6	432.1	421.0	407.8	395.5	380.6
110°	476.7	470.4	463.4	454.4	444.9	435.0	424.9	413.7	401.4	388.7	373.8



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	467.9	461.4	454.2	446.1	437.1	427.5	417.6	406.5	394.3	381.0	366.7
115°	457.6	451.5	444.8	436.3	428.0	419.1	409.2	398.2	386.0	372.8	359.4
117.5°	446.4	441.6	434.3	426.3	418.2	409.4	399.4	388.5	376.7	364.3	351.1
120°	435.7	429.5	422.7	415.7	407.4	398.5	388.7	377.8	366.5	354.6	341.7
122.5°	422.3	416.6	410.5	403.5	395.6	386.8	377.1	366.8	355.9	344.3	331.6
125°	408.3	403.9	397.6	390.8	382.7	374.1	365.0	355.4	344.4	332.8	321.3
127.5°	394.1	389.3	383.6	376.6	369.1	361.4	352.0	342.4	332.5	320.3	308.6
130°	378.3	373.9	368.3	362.1	355.7	346.5	337.9	328.7	318.3	307.5	296.4
132.5°	361.4	357.4	351.9	346.0	338.9	331.1	323.4	314.1	304.2	294.7	283.4
135°	343.7	339.4	334.9	329.6	323.1	316.2	307.8	298.8	289.5	279.8	268.9
137.5°	325.9	322.6	318.3	312.5	307.3	299.0	290.9	282.8	273.9	264.4	254.6
140°	307.3	303.8	299.3	294.0	287.8	281.2	274.4	266.8	258.1	249.2	240.0
142.5°	287.9	284.1	279.8	275.7	269.5	263.6	256.7	249.2	241.4	233.2	223.9
145°	268.1	264.4	260.4	255.9	250.6	244.3	237.7	230.8	223.5	215.5	206.9
147.5°	246.9	243.7	240.0	235.2	230.0	224.5	218.6	212.0	204.9	197.6	189.7
150°	225.1	222.2	219.1	214.5	210.1	205.3	199.1	192.8	186.3	179.6	172.6
152.5°	204.0	200.9	197.6	193.9	189.4	184.4	179.6	173.1	167.5	161.4	154.8
155°	182.0	179.4	176.3	172.9	168.7	164.0	159.1	154.0	148.4	142.6	137.3
157.5°	159.6	157.0	154.1	150.7	147.0	143.0	138.7	134.2	129.4	124.3	119.1
160°	136.2	133.8	131.2	128.4	125.2	121.8	118.2	114.3	109.9	105.5	101.2
162.5°	113.6	111.3	108.9	106.5	104.2	101.4	98.3	95.0	91.5	87.9	84.2
165°	91.8	90.1	88.3	86.2	83.9	81.2	78.4	75.5	72.5	69.7	66.8
167.5°	70.2	68.9	67.4	65.6	63.6	61.7	59.6	57.5	55.1	52.7	50.2
170°	49.8	48.5	47.4	46.1	44.7	43.2	41.8	40.5	39.0	37.4	35.7
172.5°	31.6	30.9	30.1	29.2	28.3	27.2	26.0	25.2	24.1	23.2	22.3
175°	16.6	16.3	16.0	15.6	15.2	14.7	14.2	13.6	13.0	12.3	11.6
177.5°	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.4	3.2
5°	10.9	10.1	9.3	9.0	8.6	8.3	7.9	7.5	7.1	6.7	6.3
7.5°	21.4	20.4	19.3	18.2	17.1	15.9	14.7	14.1	13.6	13.1	12.5
10°	33.8	31.8	29.9	28.4	26.9	25.4	23.8	22.1	20.4	19.5	18.8
12.5°	47.9	45.5	43.0	40.4	37.6	35.3	33.4	31.3	29.1	26.9	25.5
15°	63.6	60.1	56.9	53.4	50.2	46.9	43.5	40.8	38.1	35.3	32.4
17.5°	80.9	76.2	71.7	67.1	62.7	58.9	54.8	50.5	47.2	44.1	41.0
20°	96.6	91.7	86.5	81.5	76.5	71.3	66.4	61.3	56.0	52.6	49.3
22.5°	113.8	108.0	101.8	95.2	89.7	84.3	78.6	72.9	67.0	61.6	57.9
25°	130.7	124.5	117.8	110.9	104.0	97.5	91.0	84.4	78.1	71.6	66.7
27.5°	148.0	140.9	133.3	125.4	118.2	110.6	103.1	95.3	88.0	81.2	75.0
30°	165.1	157.2	148.9	140.4	132.0	123.4	114.5	105.9	97.6	90.1	83.1
32.5°	181.3	172.5	163.5	154.6	146.0	136.6	126.5	116.7	107.1	98.7	90.9
35°	197.7	188.1	178.4	168.4	158.6	148.7	138.2	128.1	117.3	107.3	98.7
37.5°	213.8	203.7	193.6	182.7	172.2	160.6	149.4	138.2	127.1	116.1	106.7
40°	229.7	218.4	207.5	196.1	183.9	171.8	160.0	148.2	136.5	125.1	114.8
42.5°	244.4	232.8	220.7	208.5	195.9	183.1	170.5	158.0	145.2	133.1	121.7
45°	257.8	246.5	233.8	221.0	208.0	194.2	180.8	167.8	153.8	140.6	128.3
47.5°	270.9	259.1	246.5	234.1	219.9	205.4	190.4	176.9	162.2	148.0	134.8
50°	283.9	271.3	258.2	244.1	229.9	215.0	198.9	184.9	170.3	155.3	141.3
52.5°	296.4	282.9	268.8	254.3	239.3	224.3	207.7	192.6	177.8	161.8	147.5
55°	308.4	294.4	279.6	264.4	249.0	233.0	216.3	200.2	185.1	168.1	153.4
57.5°	318.5	304.8	290.7	274.5	258.5	241.7	224.4	207.5	191.8	174.3	158.8
60°	328.1	314.2	299.4	283.1	266.4	249.5	231.7	214.8	197.8	180.3	164.1
62.5°	336.9	322.8	307.7	291.0	273.8	256.9	238.4	221.0	203.4	185.4	168.7
65°	345.2	330.3	315.1	298.2	280.2	263.3	244.6	226.3	208.4	190.2	173.0
67.5°	352.2	337.1	321.5	304.7	286.5	269.1	250.3	231.2	212.6	194.4	176.9
70°	358.7	343.4	327.2	310.5	292.6	274.2	255.3	235.7	216.4	198.1	180.6
72.5°	365.1	349.1	332.5	315.7	297.9	278.9	259.4	240.0	220.3	201.5	182.9
75°	370.3	354.1	337.2	319.6	301.8	283.0	262.6	243.9	224.1	204.8	184.8
77.5°	374.3	358.4	341.3	323.0	304.8	286.4	265.9	246.9	226.2	207.0	186.7
80°	377.0	360.6	344.0	325.9	306.9	288.8	269.1	249.5	227.8	208.9	188.7
82.5°	379.2	362.7	346.4	328.5	309.3	290.9	270.4	251.2	229.8	210.2	191.1
85°	381.1	364.9	348.6	330.6	311.7	293.6	271.3	253.1	232.2	211.5	192.5
87.5°	382.3	365.7	349.0	331.7	312.3	292.9	271.6	253.5	231.9	211.5	191.6
90°	382.3	365.2	348.0	331.7	311.8	291.9	272.1	254.0	231.4	211.5	190.7
92.5°	382.3	365.7	349.0	331.7	312.3	292.9	271.6	253.5	231.9	211.5	191.6
95°	381.1	364.9	348.6	330.6	311.7	293.6	271.3	253.1	232.2	211.5	192.5
97.5°	379.2	362.7	346.4	328.5	309.3	290.9	270.4	251.2	229.8	210.2	191.1
100°	377.0	360.6	344.0	325.9	306.9	288.8	269.1	249.5	227.8	208.9	188.7
102.5°	374.3	358.4	341.3	323.0	304.8	286.4	265.9	246.9	226.2	207.0	186.7
105°	370.3	354.1	337.2	319.6	301.8	283.0	262.6	243.9	224.1	204.8	184.8
107.5°	365.1	349.1	332.5	315.7	297.9	278.9	259.4	240.0	220.3	201.5	182.9
110°	358.7	343.4	327.2	310.5	292.6	274.2	255.3	235.7	216.4	198.1	180.6



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	352.2	337.1	321.5	304.7	286.5	269.1	250.3	231.2	212.6	194.4	176.9
115°	345.2	330.3	315.1	298.2	280.2	263.3	244.6	226.3	208.4	190.2	173.0
117.5°	336.9	322.8	307.7	291.0	273.8	256.9	238.4	221.0	203.4	185.4	168.7
120°	328.1	314.2	299.4	283.1	266.4	249.5	231.7	214.8	197.8	180.3	164.1
122.5°	318.5	304.8	290.7	274.5	258.5	241.7	224.4	207.5	191.8	174.3	158.8
125°	308.4	294.4	279.6	264.4	249.0	233.0	216.3	200.2	185.1	168.1	153.4
127.5°	296.4	282.9	268.8	254.3	239.3	224.3	207.7	192.6	177.8	161.8	147.5
130°	283.9	271.3	258.2	244.1	229.9	215.0	198.9	184.9	170.3	155.3	141.3
132.5°	270.9	259.1	246.5	234.1	219.9	205.4	190.4	176.9	162.2	148.0	134.8
135°	257.8	246.5	233.8	221.0	208.0	194.2	180.8	167.8	153.8	140.6	128.3
137.5°	244.4	232.8	220.7	208.5	195.9	183.1	170.5	158.0	145.2	133.1	121.7
140°	229.7	218.4	207.5	196.1	183.9	171.8	160.0	148.2	136.5	125.1	114.8
142.5°	213.8	203.7	193.6	182.7	172.2	160.6	149.4	138.2	127.1	116.1	106.7
145°	197.7	188.1	178.4	168.4	158.6	148.7	138.2	128.1	117.3	107.3	98.7
147.5°	181.3	172.5	163.5	154.6	146.0	136.6	126.5	116.7	107.1	98.7	90.9
150°	165.1	157.2	148.9	140.4	132.0	123.4	114.5	105.9	97.6	90.1	83.1
152.5°	148.0	140.9	133.3	125.4	118.2	110.6	103.1	95.3	88.0	81.2	75.0
155°	130.7	124.5	117.8	110.9	104.0	97.5	91.0	84.4	78.1	71.6	66.7
157.5°	113.8	108.0	101.8	95.2	89.7	84.3	78.6	72.9	67.0	61.6	57.9
160°	96.6	91.7	86.5	81.5	76.5	71.3	66.4	61.3	56.0	52.6	49.3
162.5°	80.9	76.2	71.7	67.1	62.7	58.9	54.8	50.5	47.2	44.1	41.0
165°	63.6	60.1	56.9	53.4	50.2	46.9	43.5	40.8	38.1	35.3	32.4
167.5°	47.9	45.5	43.0	40.4	37.6	35.3	33.4	31.3	29.1	26.9	25.5
170°	33.8	31.8	29.9	28.4	26.9	25.4	23.8	22.1	20.4	19.5	18.8
172.5°	21.4	20.4	19.3	18.2	17.1	15.9	14.7	14.1	13.6	13.1	12.5
175°	10.9	10.1	9.3	9.0	8.6	8.3	7.9	7.5	7.1	6.7	6.3
177.5°	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.4	3.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.9	2.7	2.5	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1
5°	5.9	5.4	5.0	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
7.5°	11.9	11.3	10.6	10.0	9.8	9.7	9.5	9.3	9.0	8.8	8.5
10°	18.0	17.2	16.3	15.4	15.1	14.7	14.3	13.9	13.4	13.0	12.6
12.5°	24.5	23.5	22.4	21.3	20.9	20.6	20.1	19.6	19.1	18.6	18.0
15°	31.0	29.8	28.5	27.1	26.8	26.5	26.1	25.7	25.1	24.5	23.8
17.5°	38.4	37.0	35.5	33.9	33.5	32.9	32.3	31.7	31.1	30.4	29.6
20°	45.9	44.2	42.5	40.7	40.0	39.3	38.5	37.9	37.2	36.4	35.2
22.5°	54.1	51.3	49.2	47.0	46.3	45.4	44.6	44.0	43.2	42.1	40.8
25°	62.3	58.5	55.9	53.3	52.5	51.6	50.8	50.0	49.1	47.8	46.4
27.5°	70.0	65.3	62.5	59.7	58.8	57.8	56.8	55.9	54.8	53.5	52.0
30°	77.6	72.1	69.1	66.0	65.0	64.0	62.8	61.5	60.5	59.4	57.7
32.5°	84.4	78.4	75.0	71.9	70.8	69.7	68.4	67.1	66.0	64.6	63.0
35°	91.1	84.7	80.8	77.7	76.6	75.4	74.1	72.6	71.2	69.5	67.8
37.5°	98.2	91.3	86.7	83.2	82.0	80.7	79.4	77.9	76.3	74.5	72.7
40°	105.2	98.0	92.6	88.6	87.4	86.1	84.6	83.0	81.4	79.5	77.6
42.5°	111.1	103.6	97.8	93.6	92.3	90.9	89.5	87.8	86.1	84.3	82.2
45°	117.2	109.1	102.9	98.5	97.2	95.7	94.2	92.6	90.8	88.8	86.3
47.5°	123.5	114.5	107.6	103.1	101.7	100.2	98.6	96.9	95.2	92.9	90.3
50°	129.7	119.9	112.4	107.6	106.2	104.6	102.9	101.2	99.4	97.0	94.3
52.5°	134.9	124.4	116.6	111.7	109.8	108.2	106.7	105.1	103.1	100.5	97.9
55°	139.9	128.8	120.8	115.7	113.5	111.7	110.4	108.9	106.4	103.7	101.0
57.5°	144.8	133.0	124.6	119.3	117.0	115.2	113.8	112.1	109.7	107.0	104.3
60°	149.5	137.1	128.4	122.9	120.5	118.7	117.0	115.3	113.1	110.3	107.7
62.5°	153.7	140.6	131.3	126.1	123.6	121.5	120.0	118.1	115.7	113.1	110.2
65°	157.9	144.1	134.2	129.3	126.7	124.2	122.9	120.8	118.2	115.5	112.5
67.5°	161.1	146.9	136.9	131.6	129.0	126.8	125.0	122.9	120.4	117.7	114.5
70°	164.1	149.5	139.7	133.8	131.2	129.4	126.9	124.9	122.4	119.7	116.5
72.5°	166.6	151.7	142.0	135.6	133.0	131.2	128.6	126.7	124.1	121.2	118.0
75°	169.0	153.9	144.6	137.4	134.8	133.0	130.4	128.4	125.8	122.5	119.5
77.5°	170.5	155.4	145.0	138.8	135.7	133.9	131.7	129.4	126.7	123.6	120.5
80°	171.9	157.3	145.5	140.1	136.6	134.7	132.9	130.3	127.5	124.8	121.3
82.5°	173.0	158.2	146.4	140.6	137.4	135.6	133.4	131.1	128.0	125.2	121.7
85°	173.5	159.1	147.3	141.0	138.3	136.5	133.8	132.0	128.3	125.6	122.1
87.5°	173.9	158.7	147.3	141.5	138.3	136.5	134.3	132.0	128.8	126.1	122.5
90°	174.4	158.2	147.3	141.9	138.3	136.5	134.7	132.0	129.3	126.5	122.9
92.5°	173.9	158.7	147.3	141.5	138.3	136.5	134.3	132.0	128.8	126.1	122.5
95°	173.5	159.1	147.3	141.0	138.3	136.5	133.8	132.0	128.3	125.6	122.1
97.5°	173.0	158.2	146.4	140.6	137.4	135.6	133.4	131.1	128.0	125.2	121.7
100°	171.9	157.3	145.5	140.1	136.6	134.7	132.9	130.3	127.5	124.8	121.3
102.5°	170.5	155.4	145.0	138.8	135.7	133.9	131.7	129.4	126.7	123.6	120.5
105°	169.0	153.9	144.6	137.4	134.8	133.0	130.4	128.4	125.8	122.5	119.5
107.5°	166.6	151.7	142.0	135.6	133.0	131.2	128.6	126.7	124.1	121.2	118.0
110°	164.1	149.5	139.7	133.8	131.2	129.4	126.9	124.9	122.4	119.7	116.5



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	161.1	146.9	136.9	131.6	129.0	126.8	125.0	122.9	120.4	117.7	114.5
115°	157.9	144.1	134.2	129.3	126.7	124.2	122.9	120.8	118.2	115.5	112.5
117.5°	153.7	140.6	131.3	126.1	123.6	121.5	120.0	118.1	115.7	113.1	110.2
120°	149.5	137.1	128.4	122.9	120.5	118.7	117.0	115.3	113.1	110.3	107.7
122.5°	144.8	133.0	124.6	119.3	117.0	115.2	113.8	112.1	109.7	107.0	104.3
125°	139.9	128.8	120.8	115.7	113.5	111.7	110.4	108.9	106.4	103.7	101.0
127.5°	134.9	124.4	116.6	111.7	109.8	108.2	106.7	105.1	103.1	100.5	97.9
130°	129.7	119.9	112.4	107.6	106.2	104.6	102.9	101.2	99.4	97.0	94.3
132.5°	123.5	114.5	107.6	103.1	101.7	100.2	98.6	96.9	95.2	92.9	90.3
135°	117.2	109.1	102.9	98.5	97.2	95.7	94.2	92.6	90.8	88.8	86.3
137.5°	111.1	103.6	97.8	93.6	92.3	90.9	89.5	87.8	86.1	84.3	82.2
140°	105.2	98.0	92.6	88.6	87.4	86.1	84.6	83.0	81.4	79.5	77.6
142.5°	98.2	91.3	86.7	83.2	82.0	80.7	79.4	77.9	76.3	74.5	72.7
145°	91.1	84.7	80.8	77.7	76.6	75.4	74.1	72.6	71.2	69.5	67.8
147.5°	84.4	78.4	75.0	71.9	70.8	69.7	68.4	67.1	66.0	64.6	63.0
150°	77.6	72.1	69.1	66.0	65.0	64.0	62.8	61.5	60.5	59.4	57.7
152.5°	70.0	65.3	62.5	59.7	58.8	57.8	56.8	55.9	54.8	53.5	52.0
155°	62.3	58.5	55.9	53.3	52.5	51.6	50.8	50.0	49.1	47.8	46.4
157.5°	54.1	51.3	49.2	47.0	46.3	45.4	44.6	44.0	43.2	42.1	40.8
160°	45.9	44.2	42.5	40.7	40.0	39.3	38.5	37.9	37.2	36.4	35.2
162.5°	38.4	37.0	35.5	33.9	33.5	32.9	32.3	31.7	31.1	30.4	29.6
165°	31.0	29.8	28.5	27.1	26.8	26.5	26.1	25.7	25.1	24.5	23.8
167.5°	24.5	23.5	22.4	21.3	20.9	20.6	20.1	19.6	19.1	18.6	18.0
170°	18.0	17.2	16.3	15.4	15.1	14.7	14.3	13.9	13.4	13.0	12.6
172.5°	11.9	11.3	10.6	9.9	9.8	9.7	9.5	9.3	9.0	8.8	8.5
175°	5.9	5.4	5.0	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
177.5°	2.9	2.7	2.5	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6
5°	4.2	4.2	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	2.9
7.5°	8.2	7.9	7.5	7.2	6.8	6.4	6.0	5.5	5.0	4.6	4.2
10°	12.2	11.8	11.3	10.8	10.3	9.9	9.5	9.0	8.5	8.0	7.4
12.5°	17.4	16.8	16.1	15.5	14.8	14.1	13.4	12.7	11.9	11.1	10.3
15°	23.1	22.3	21.6	20.7	19.9	18.8	17.7	16.6	15.5	14.3	13.2
17.5°	28.7	27.7	26.7	25.5	24.2	22.9	21.5	20.3	19.1	17.8	16.5
20°	34.1	32.9	31.7	30.4	29.0	27.5	26.0	24.5	23.0	21.4	20.0
22.5°	39.4	38.2	36.9	35.6	33.9	32.1	30.4	28.8	27.2	25.4	23.6
25°	44.9	43.5	42.0	40.4	38.6	36.8	35.1	33.2	31.2	29.1	27.0
27.5°	50.4	48.7	47.2	45.6	43.7	41.6	39.5	37.3	35.0	32.8	30.6
30°	56.0	54.2	52.4	50.4	48.3	46.1	43.8	41.4	39.0	36.6	34.1
32.5°	61.2	59.3	57.4	55.2	53.0	50.6	48.1	45.4	42.7	40.1	37.4
35°	66.0	64.0	61.9	59.7	57.3	54.9	52.0	49.1	46.5	43.7	40.8
37.5°	70.8	68.7	66.6	63.9	61.2	58.6	55.8	53.0	50.2	47.3	44.1
40°	75.5	73.1	70.7	68.0	65.4	62.7	59.6	56.6	53.8	50.6	47.1
42.5°	79.9	77.3	75.0	72.4	69.4	66.4	63.2	60.2	57.0	53.6	50.1
45°	83.7	81.3	79.1	76.2	73.1	70.0	66.8	63.5	60.1	56.5	52.9
47.5°	87.6	85.3	82.8	79.7	76.6	73.3	69.8	66.5	63.2	59.5	55.4
50°	91.5	89.0	86.1	83.1	79.9	76.2	72.7	69.3	65.6	61.8	57.7
52.5°	95.2	92.4	89.5	86.0	82.6	79.1	75.5	71.7	67.9	64.2	60.1
55°	98.3	95.5	92.5	88.8	85.6	82.0	78.0	74.0	70.5	66.4	62.2
57.5°	101.3	98.5	95.3	91.7	88.5	84.6	80.5	76.6	72.9	68.1	63.8
60°	104.2	101.2	97.7	94.2	90.9	87.1	83.3	78.6	74.3	69.9	65.6
62.5°	106.7	103.8	100.2	96.5	92.8	89.0	84.9	80.2	76.2	71.5	67.1
65°	109.1	106.1	102.4	98.6	94.8	90.9	86.6	82.2	77.8	73.0	68.6
67.5°	111.3	108.2	104.5	100.8	97.0	92.5	88.3	83.9	79.3	74.5	69.7
70°	113.3	110.1	106.2	102.1	98.2	93.8	90.0	85.4	80.7	75.8	70.9
72.5°	114.9	111.6	107.6	103.5	99.4	95.2	91.1	86.5	81.7	76.7	72.1
75°	116.2	112.6	108.8	104.6	100.5	96.4	92.1	87.4	82.5	77.3	72.4
77.5°	117.0	113.5	109.9	105.6	101.7	97.4	92.9	87.9	82.9	77.8	72.7
80°	117.7	114.1	110.5	106.1	102.3	97.9	93.0	88.1	83.4	78.2	73.2
82.5°	118.5	114.6	110.9	106.5	102.8	98.4	93.1	88.5	84.0	78.6	73.2
85°	119.3	114.9	111.3	106.8	103.0	98.6	93.2	88.7	84.2	78.7	73.3
87.5°	119.3	114.8	111.2	107.1	103.1	98.6	93.5	88.7	84.2	78.7	73.3
90°	119.3	114.8	111.2	107.6	103.0	98.5	94.0	88.6	84.1	78.6	73.2
92.5°	119.3	114.8	111.2	107.1	103.1	98.6	93.5	88.7	84.2	78.7	73.3
95°	119.3	114.9	111.3	106.8	103.0	98.6	93.2	88.7	84.2	78.7	73.3
97.5°	118.5	114.6	110.9	106.5	102.8	98.4	93.1	88.5	84.0	78.6	73.2
100°	117.7	114.1	110.5	106.1	102.3	97.9	93.0	88.1	83.4	78.2	73.2
102.5°	117.0	113.5	109.9	105.6	101.7	97.4	92.9	87.9	82.9	77.8	72.7
105°	116.2	112.6	108.8	104.6	100.5	96.4	92.1	87.4	82.5	77.3	72.4
107.5°	114.9	111.6	107.6	103.5	99.4	95.2	91.1	86.5	81.7	76.7	72.1
110°	113.3	110.1	106.2	102.1	98.2	93.8	90.0	85.4	80.7	75.8	70.9



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	111.3	108.2	104.5	100.8	97.0	92.5	88.3	83.9	79.3	74.5	69.7
115°	109.1	106.1	102.4	98.6	94.8	90.9	86.6	82.2	77.8	73.0	68.6
117.5°	106.7	103.8	100.2	96.5	92.8	89.0	84.9	80.2	76.2	71.5	67.1
120°	104.2	101.2	97.7	94.2	90.9	87.1	83.3	78.6	74.3	69.9	65.6
122.5°	101.3	98.5	95.3	91.7	88.5	84.6	80.5	76.6	72.9	68.1	63.8
125°	98.3	95.5	92.5	88.8	85.6	82.0	78.0	74.0	70.5	66.4	62.2
127.5°	95.2	92.4	89.5	86.0	82.6	79.1	75.5	71.7	67.9	64.2	60.1
130°	91.5	89.0	86.1	83.1	79.9	76.2	72.7	69.3	65.6	61.8	57.7
132.5°	87.6	85.3	82.8	79.7	76.6	73.3	69.8	66.5	63.2	59.5	55.4
135°	83.7	81.3	79.1	76.2	73.1	70.0	66.8	63.5	60.1	56.5	52.9
137.5°	79.9	77.3	75.0	72.4	69.4	66.4	63.2	60.2	57.0	53.6	50.1
140°	75.5	73.1	70.7	68.0	65.4	62.7	59.6	56.6	53.8	50.6	47.1
142.5°	70.8	68.7	66.6	63.9	61.2	58.6	55.8	53.0	50.2	47.3	44.1
145°	66.0	64.0	61.9	59.7	57.3	54.9	52.0	49.1	46.5	43.7	40.8
147.5°	61.2	59.3	57.4	55.2	53.0	50.6	48.1	45.4	42.7	40.1	37.4
150°	56.0	54.2	52.4	50.4	48.3	46.1	43.8	41.4	39.0	36.6	34.1
152.5°	50.4	48.7	47.2	45.6	43.7	41.6	39.5	37.3	35.0	32.8	30.6
155°	44.9	43.5	42.0	40.4	38.6	36.8	35.1	33.2	31.2	29.1	27.0
157.5°	39.4	38.2	36.9	35.6	33.9	32.1	30.4	28.8	27.2	25.4	23.6
160°	34.1	32.9	31.7	30.4	29.0	27.5	26.0	24.5	23.0	21.4	20.0
162.5°	28.7	27.7	26.7	25.5	24.2	22.9	21.5	20.3	19.1	17.8	16.5
165°	23.1	22.3	21.6	20.7	19.9	18.8	17.7	16.6	15.5	14.3	13.2
167.5°	17.4	16.8	16.1	15.5	14.8	14.1	13.4	12.7	11.9	11.1	10.3
170°	12.2	11.8	11.3	10.8	10.3	9.9	9.5	9.0	8.5	8.0	7.4
172.5°	8.2	7.9	7.5	7.2	6.8	6.4	6.0	5.5	5.0	4.6	4.2
175°	4.2	4.2	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	2.9
177.5°	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.5	1.4	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7
5°	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3	1.1
7.5°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.6
10°	6.9	6.3	5.6	5.0	4.3	3.6	3.4	3.1	2.8	2.5	2.2
12.5°	9.6	8.8	8.0	7.2	6.3	5.5	4.6	3.7	3.0	2.6	2.2
15°	12.0	10.9	9.9	8.9	7.9	7.0	6.0	5.1	4.1	3.1	2.5
17.5°	15.2	13.9	12.6	11.3	10.2	9.1	7.9	6.6	5.3	4.1	2.8
20°	18.5	17.1	15.5	13.9	12.3	10.6	9.1	7.7	6.4	5.0	3.7
22.5°	21.7	19.9	18.1	16.4	14.5	12.6	10.7	8.8	7.4	6.0	4.6
25°	25.0	23.0	21.0	18.9	16.8	14.7	12.6	10.4	8.3	6.9	5.6
27.5°	28.5	26.1	23.8	21.4	19.2	16.9	14.7	12.5	10.3	7.8	6.3
30°	31.5	28.8	26.4	24.1	21.6	18.9	16.1	13.6	11.2	8.9	6.7
32.5°	34.7	32.0	29.3	26.3	23.5	20.6	17.7	14.8	12.5	9.9	7.4
35°	37.8	34.8	31.8	28.7	25.5	22.4	19.5	16.7	13.8	11.1	8.4
37.5°	40.8	37.6	34.3	31.0	27.8	24.7	21.6	18.4	15.3	12.3	9.5
40°	43.7	40.4	36.9	33.4	30.0	26.6	23.1	19.6	16.2	12.7	9.6
42.5°	46.7	43.0	39.3	35.6	32.0	28.3	24.4	20.7	17.1	13.7	10.4
45°	49.1	45.3	41.3	37.4	33.8	29.7	25.8	22.0	18.2	14.4	10.7
47.5°	51.5	47.7	43.7	39.8	35.7	31.5	27.4	23.5	19.3	15.1	11.4
50°	53.9	49.8	45.8	41.3	37.0	32.9	28.7	24.4	20.1	15.8	11.9
52.5°	55.9	51.5	47.1	42.7	38.5	34.2	29.8	25.3	20.7	16.2	12.1
55°	57.8	53.2	48.7	44.6	40.1	35.7	30.8	26.1	21.1	16.4	12.5
57.5°	59.5	55.1	50.5	46.0	41.3	36.4	31.5	26.4	21.6	17.2	12.7
60°	61.3	56.4	51.8	47.4	42.5	37.4	32.3	26.9	22.0	17.5	12.9
62.5°	62.5	57.5	53.1	48.3	43.5	38.2	32.6	27.4	22.2	17.3	13.3
65°	63.8	58.8	53.8	48.9	44.4	38.9	33.2	27.8	22.3	17.3	13.1
67.5°	64.8	59.8	54.6	49.6	44.8	39.8	34.1	27.9	22.4	17.4	13.2
70°	65.8	60.8	55.7	50.5	45.1	40.0	34.2	28.2	22.3	17.1	12.6
72.5°	66.7	61.7	56.4	51.1	45.7	40.4	34.3	28.1	22.4	17.2	12.8
75°	67.1	62.3	56.7	51.8	45.7	40.9	35.1	28.4	22.3	17.0	11.9
77.5°	67.7	62.6	57.1	51.5	45.7	40.6	34.9	28.9	22.2	16.4	11.6
80°	68.1	62.7	57.1	51.6	46.1	40.5	34.9	29.0	22.6	16.4	10.9
82.5°	67.9	62.5	57.0	51.6	46.0	40.1	34.4	28.9	23.1	16.6	11.1
85°	67.9	62.5	57.0	51.3	45.3	39.7	34.2	28.2	22.8	17.0	10.6
87.5°	67.9	62.5	57.0	51.3	45.3	39.7	34.2	28.2	22.8	17.0	10.6
90°	67.8	62.4	56.9	50.6	45.2	39.8	33.4	27.1	21.7	16.3	9.9
92.5°	67.9	62.5	57.1	50.8	45.4	40.0	34.5	28.1	22.0	16.6	11.2
95°	67.9	62.5	57.0	51.3	45.3	39.7	34.2	28.2	22.8	17.0	10.6
97.5°	67.9	62.5	57.0	51.6	46.0	40.1	34.4	28.9	23.1	16.6	11.1
100°	68.1	62.7	57.1	51.6	46.1	40.5	34.9	29.0	22.6	16.4	10.9
102.5°	67.7	62.6	57.1	51.5	45.7	40.6	34.9	28.9	22.2	16.4	11.6
105°	67.1	62.3	56.7	51.8	45.7	40.9	35.1	28.4	22.3	17.0	11.9
107.5°	66.7	61.7	56.4	51.1	45.7	40.4	34.3	28.1	22.4	17.2	12.8
110°	65.8	60.8	55.7	50.5	45.1	40.0	34.2	28.2	22.3	17.1	12.6



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	64.8	59.8	54.6	49.6	44.8	39.8	34.1	27.9	22.4	17.4	13.2
115°	63.8	58.8	53.8	48.9	44.4	38.9	33.2	27.8	22.3	17.3	13.1
117.5°	62.5	57.5	53.1	48.3	43.5	38.2	32.6	27.4	22.2	17.3	13.3
120°	61.3	56.4	51.8	47.4	42.5	37.4	32.3	26.9	22.0	17.5	12.9
122.5°	59.5	55.1	50.5	46.0	41.3	36.4	31.5	26.4	21.6	17.2	12.7
125°	57.8	53.2	48.7	44.6	40.1	35.7	30.8	26.1	21.1	16.4	12.5
127.5°	55.9	51.5	47.1	42.7	38.5	34.2	29.8	25.3	20.7	16.2	12.1
130°	53.9	49.8	45.8	41.3	37.0	32.9	28.7	24.4	20.1	15.8	11.9
132.5°	51.5	47.7	43.7	39.8	35.7	31.5	27.4	23.5	19.3	15.1	11.4
135°	49.1	45.3	41.3	37.4	33.8	29.7	25.8	22.0	18.2	14.4	10.7
137.5°	46.7	43.0	39.3	35.6	32.0	28.3	24.4	20.7	17.1	13.7	10.4
140°	43.7	40.4	36.9	33.4	30.0	26.6	23.1	19.6	16.2	12.7	9.6
142.5°	40.8	37.6	34.3	31.0	27.8	24.7	21.6	18.4	15.3	12.3	9.5
145°	37.8	34.8	31.8	28.7	25.5	22.4	19.5	16.7	13.8	11.1	8.4
147.5°	34.7	32.0	29.3	26.3	23.5	20.6	17.7	14.8	12.5	9.9	7.4
150°	31.5	28.8	26.4	24.1	21.6	18.9	16.1	13.6	11.2	8.9	6.7
152.5°	28.5	26.1	23.8	21.4	19.2	16.9	14.7	12.5	10.3	7.8	6.3
155°	25.0	23.0	21.0	18.9	16.8	14.7	12.6	10.4	8.3	6.9	5.6
157.5°	21.7	19.9	18.1	16.4	14.5	12.6	10.7	8.8	7.4	6.0	4.6
160°	18.5	17.1	15.5	13.9	12.3	10.6	9.1	7.7	6.4	5.0	3.7
162.5°	15.2	13.9	12.6	11.3	10.2	9.1	7.9	6.6	5.3	4.1	2.8
165°	12.0	10.9	9.9	8.9	7.9	7.0	6.0	5.1	4.1	3.1	2.5
167.5°	9.6	8.8	8.0	7.2	6.3	5.5	4.6	3.7	3.0	2.6	2.2
170°	6.9	6.3	5.6	5.0	4.3	3.6	3.4	3.1	2.8	2.5	2.2
172.5°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.6
175°	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3	1.1
177.5°	1.5	1.4	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
7.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
10°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
12.5°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
15°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
17.5°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
20°	2.4	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
22.5°	3.3	2.0	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
25°	4.2	2.8	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
27.5°	4.6	3.0	1.3	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.3
30°	5.0	3.3	1.7	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.7
32.5°	5.2	3.6	2.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.1
35°	5.8	4.2	2.6	1.1	0.6	0.3	0.0	0.3	0.6	1.1	2.6
37.5°	6.7	4.4	2.9	1.4	0.7	0.3	0.0	0.3	0.7	1.4	2.9
40°	7.0	4.4	2.8	1.6	0.8	0.4	0.0	0.4	0.8	1.6	2.8
42.5°	7.4	4.6	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
45°	7.4	4.9	2.6	1.3	0.0	0.0	0.0	0.0	0.0	1.3	2.6
47.5°	8.0	5.3	2.8	1.2	0.2	0.0	0.0	0.0	0.2	1.2	2.8
50°	8.5	5.5	3.1	1.4	0.3	0.0	0.0	0.0	0.3	1.4	3.1
52.5°	8.7	5.5	3.0	1.1	0.3	0.0	0.0	0.0	0.3	1.1	3.0
55°	8.6	5.2	2.7	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.7
57.5°	8.6	5.3	2.5	1.3	0.5	0.0	0.0	0.0	0.5	1.3	2.5
60°	8.9	5.6	2.8	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.8
62.5°	9.1	5.5	2.7	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.7
65°	9.0	5.5	2.7	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.7
67.5°	9.0	5.4	2.6	1.1	0.3	0.0	0.9	0.0	0.3	1.1	2.6
70°	8.9	5.5	2.8	0.9	0.1	0.0	0.9	0.0	0.1	0.9	2.8
72.5°	8.3	5.0	2.5	1.0	0.0	0.4	0.9	0.4	0.0	1.0	2.5
75°	8.0	4.7	2.5	0.8	0.0	0.1	0.9	0.1	0.0	0.8	2.5
77.5°	8.0	4.5	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.1
80°	7.1	3.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	6.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.1	3.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	8.0	4.5	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.1
105°	8.0	4.7	2.5	0.8	0.0	0.1	0.9	0.1	0.0	0.8	2.5
107.5°	8.3	5.0	2.5	1.0	0.0	0.4	0.9	0.4	0.0	1.0	2.5
110°	8.9	5.5	2.8	0.9	0.1	0.0	0.9	0.0	0.1	0.9	2.8



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	9.0	5.4	2.6	1.1	0.3	0.0	0.9	0.0	0.3	1.1	2.6
115°	9.0	5.5	2.7	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.7
117.5°	9.1	5.5	2.7	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.7
120°	8.9	5.6	2.8	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.8
122.5°	8.6	5.3	2.5	1.3	0.5	0.0	0.0	0.0	0.5	1.3	2.5
125°	8.6	5.2	2.7	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.7
127.5°	8.7	5.5	3.0	1.1	0.3	0.0	0.0	0.0	0.3	1.1	3.0
130°	8.5	5.5	3.1	1.4	0.3	0.0	0.0	0.0	0.3	1.4	3.1
132.5°	8.0	5.3	2.8	1.2	0.2	0.0	0.0	0.0	0.2	1.2	2.8
135°	7.4	4.9	2.6	1.3	0.0	0.0	0.0	0.0	0.0	1.3	2.6
137.5°	7.4	4.6	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
140°	7.0	4.4	2.8	1.6	0.8	0.4	0.0	0.4	0.8	1.6	2.8
142.5°	6.7	4.4	2.9	1.4	0.7	0.3	0.0	0.3	0.7	1.4	2.9
145°	5.8	4.2	2.6	1.1	0.6	0.3	0.0	0.3	0.6	1.1	2.6
147.5°	5.2	3.6	2.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.1
150°	5.0	3.3	1.7	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.7
152.5°	4.6	3.0	1.3	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.3
155°	4.2	2.8	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
157.5°	3.3	2.0	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
160°	2.4	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
162.5°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
165°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
167.5°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
170°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
172.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
175°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
177.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.5	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.4
5°	0.8	0.9	1.1	1.3	1.4	1.6	1.8	1.9	2.1	2.3	2.4
7.5°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3
10°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.6	4.3	5.0	5.6
12.5°	1.5	1.9	2.2	2.6	3.0	3.7	4.6	5.5	6.3	7.2	8.0
15°	1.8	2.1	2.5	3.1	4.1	5.1	6.0	7.0	7.9	8.9	9.9
17.5°	1.5	1.9	2.8	4.1	5.3	6.6	7.9	9.1	10.2	11.3	12.6
20°	1.6	2.4	3.7	5.0	6.4	7.7	9.1	10.6	12.3	13.9	15.5
22.5°	2.0	3.3	4.6	6.0	7.4	8.8	10.7	12.6	14.5	16.4	18.1
25°	2.8	4.2	5.6	6.9	8.3	10.4	12.6	14.7	16.8	18.9	21.0
27.5°	3.0	4.6	6.3	7.8	10.3	12.5	14.7	16.9	19.2	21.4	23.8
30°	3.3	5.0	6.7	8.9	11.2	13.6	16.1	18.9	21.6	24.1	26.4
32.5°	3.6	5.2	7.4	9.9	12.5	14.8	17.7	20.6	23.5	26.3	29.3
35°	4.2	5.8	8.4	11.1	13.8	16.7	19.5	22.4	25.5	28.7	31.8
37.5°	4.4	6.7	9.5	12.3	15.3	18.4	21.6	24.7	27.8	31.0	34.3
40°	4.4	7.0	9.6	12.7	16.2	19.6	23.1	26.6	30.0	33.4	36.9
42.5°	4.6	7.4	10.4	13.7	17.1	20.7	24.4	28.3	32.0	35.6	39.3
45°	4.9	7.4	10.7	14.4	18.2	22.0	25.8	29.7	33.8	37.4	41.3
47.5°	5.3	8.0	11.4	15.1	19.3	23.5	27.4	31.5	35.7	39.8	43.7
50°	5.5	8.5	11.9	15.8	20.1	24.4	28.7	32.9	37.0	41.3	45.8
52.5°	5.5	8.7	12.1	16.2	20.7	25.3	29.8	34.2	38.5	42.7	47.1
55°	5.2	8.6	12.5	16.4	21.1	26.1	30.8	35.7	40.1	44.6	48.7
57.5°	5.3	8.6	12.7	17.2	21.6	26.4	31.5	36.4	41.3	46.0	50.5
60°	5.6	8.9	12.9	17.5	22.0	26.9	32.3	37.4	42.5	47.4	51.8
62.5°	5.5	9.1	13.3	17.3	22.2	27.4	32.6	38.2	43.5	48.3	53.1
65°	5.5	9.0	13.1	17.3	22.3	27.8	33.2	38.9	44.4	48.9	53.8
67.5°	5.4	9.0	13.2	17.4	22.4	27.9	34.1	39.8	44.8	49.6	54.6
70°	5.5	8.9	12.6	17.1	22.3	28.2	34.2	40.0	45.1	50.5	55.7
72.5°	5.0	8.3	12.8	17.2	22.4	28.1	34.3	40.4	45.7	51.1	56.4
75°	4.7	8.0	11.9	17.0	22.3	28.4	35.1	40.9	45.7	51.8	56.7
77.5°	4.5	8.0	11.6	16.4	22.2	28.9	34.9	40.6	45.7	51.5	57.1
80°	3.8	7.1	10.9	16.4	22.6	29.0	34.9	40.5	46.1	51.6	57.1
82.5°	2.2	6.4	11.1	16.6	23.1	28.9	34.4	40.1	46.0	51.6	57.0
85°	1.4	5.5	10.6	17.0	22.8	28.2	34.2	39.7	45.3	51.3	57.0
87.5°	0.5	5.8	11.2	16.6	22.0	28.1	34.5	40.0	45.4	50.8	57.1
90°	0.0	5.4	9.9	16.3	21.7	27.1	33.4	39.8	45.2	50.6	56.9
92.5°	0.5	5.8	11.2	16.6	22.0	28.1	34.5	40.0	45.4	50.8	57.1
95°	1.4	5.5	10.6	17.0	22.8	28.2	34.2	39.7	45.3	51.3	57.0
97.5°	2.2	6.4	11.1	16.6	23.1	28.9	34.4	40.1	46.0	51.6	57.0
100°	3.8	7.1	10.9	16.4	22.6	29.0	34.9	40.5	46.1	51.6	57.1
102.5°	4.5	8.0	11.6	16.4	22.2	28.9	34.9	40.6	45.7	51.5	57.1
105°	4.7	8.0	11.9	17.0	22.3	28.4	35.1	40.9	45.7	51.8	56.7
107.5°	5.0	8.3	12.8	17.2	22.4	28.1	34.3	40.4	45.7	51.1	56.4
110°	5.5	8.9	12.6	17.1	22.3	28.2	34.2	40.0	45.1	50.5	55.7



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	5.4	9.0	13.2	17.4	22.4	27.9	34.1	39.8	44.8	49.6	54.6
115°	5.5	9.0	13.1	17.3	22.3	27.8	33.2	38.9	44.4	48.9	53.8
117.5°	5.5	9.1	13.3	17.3	22.2	27.4	32.6	38.2	43.5	48.3	53.1
120°	5.6	8.9	12.9	17.5	22.0	26.9	32.3	37.4	42.5	47.4	51.8
122.5°	5.3	8.6	12.7	17.2	21.6	26.4	31.5	36.4	41.3	46.0	50.5
125°	5.2	8.6	12.5	16.4	21.1	26.1	30.8	35.7	40.1	44.6	48.7
127.5°	5.5	8.7	12.1	16.2	20.7	25.3	29.8	34.2	38.5	42.7	47.1
130°	5.5	8.5	11.9	15.8	20.1	24.4	28.7	32.9	37.0	41.3	45.8
132.5°	5.3	8.0	11.4	15.1	19.3	23.5	27.4	31.5	35.7	39.8	43.7
135°	4.9	7.4	10.7	14.4	18.2	22.0	25.8	29.7	33.8	37.4	41.3
137.5°	4.6	7.4	10.4	13.7	17.1	20.7	24.4	28.3	32.0	35.6	39.3
140°	4.4	7.0	9.6	12.7	16.2	19.6	23.1	26.6	30.0	33.4	36.9
142.5°	4.4	6.7	9.5	12.3	15.3	18.4	21.6	24.7	27.8	31.0	34.3
145°	4.2	5.8	8.4	11.1	13.8	16.7	19.5	22.4	25.5	28.7	31.8
147.5°	3.6	5.2	7.4	9.9	12.5	14.8	17.7	20.6	23.5	26.3	29.3
150°	3.3	5.0	6.7	8.9	11.2	13.6	16.1	18.9	21.6	24.1	26.4
152.5°	3.0	4.6	6.3	7.8	10.3	12.5	14.7	16.9	19.2	21.4	23.8
155°	2.8	4.2	5.6	6.9	8.3	10.4	12.6	14.7	16.8	18.9	21.0
157.5°	2.0	3.3	4.6	6.0	7.4	8.8	10.7	12.6	14.5	16.4	18.1
160°	1.6	2.4	3.7	5.0	6.4	7.7	9.1	10.6	12.3	13.9	15.5
162.5°	1.5	1.9	2.8	4.1	5.3	6.6	7.9	9.1	10.2	11.3	12.6
165°	1.8	2.1	2.5	3.1	4.1	5.1	6.0	7.0	7.9	8.9	9.9
167.5°	1.5	1.9	2.2	2.6	3.0	3.7	4.6	5.5	6.3	7.2	8.0
170°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.6	4.3	5.0	5.6
172.5°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3
175°	0.8	0.9	1.1	1.3	1.4	1.6	1.8	1.9	2.1	2.3	2.4
177.5°	0.5	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.4	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0
5°	2.6	2.8	2.9	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.1
7.5°	3.5	3.6	4.2	4.6	5.0	5.5	6.0	6.4	6.8	7.2	7.5
10°	6.3	6.9	7.4	8.0	8.5	9.0	9.5	9.9	10.3	10.8	11.3
12.5°	8.8	9.6	10.3	11.1	11.9	12.7	13.4	14.1	14.8	15.5	16.1
15°	10.9	12.0	13.2	14.3	15.5	16.6	17.7	18.8	19.9	20.7	21.6
17.5°	13.9	15.2	16.5	17.8	19.1	20.3	21.5	22.9	24.2	25.5	26.7
20°	17.1	18.5	20.0	21.4	23.0	24.5	26.0	27.5	29.0	30.4	31.7
22.5°	19.9	21.7	23.6	25.4	27.2	28.8	30.4	32.1	33.9	35.6	36.9
25°	23.0	25.0	27.0	29.1	31.2	33.2	35.1	36.8	38.6	40.4	42.0
27.5°	26.1	28.5	30.6	32.8	35.0	37.3	39.5	41.6	43.7	45.6	47.2
30°	28.8	31.5	34.1	36.6	39.0	41.4	43.8	46.1	48.3	50.4	52.4
32.5°	32.0	34.7	37.4	40.1	42.7	45.4	48.1	50.6	53.0	55.2	57.4
35°	34.8	37.8	40.8	43.7	46.5	49.1	52.0	54.9	57.3	59.7	61.9
37.5°	37.6	40.8	44.1	47.3	50.2	53.0	55.8	58.6	61.2	63.9	66.6
40°	40.4	43.7	47.1	50.6	53.8	56.6	59.6	62.7	65.4	68.0	70.7
42.5°	43.0	46.7	50.1	53.6	57.0	60.2	63.2	66.4	69.4	72.4	75.0
45°	45.3	49.1	52.9	56.5	60.1	63.5	66.8	70.0	73.1	76.2	79.1
47.5°	47.7	51.5	55.4	59.5	63.2	66.5	69.8	73.3	76.6	79.7	82.8
50°	49.8	53.9	57.7	61.8	65.6	69.3	72.7	76.2	79.9	83.1	86.1
52.5°	51.5	55.9	60.1	64.2	67.9	71.7	75.5	79.1	82.6	86.0	89.5
55°	53.2	57.8	62.2	66.4	70.5	74.0	78.0	82.0	85.6	88.8	92.5
57.5°	55.1	59.5	63.8	68.1	72.9	76.6	80.5	84.6	88.5	91.7	95.3
60°	56.4	61.3	65.6	69.9	74.3	78.6	83.3	87.1	90.9	94.2	97.7
62.5°	57.5	62.5	67.1	71.5	76.2	80.2	84.9	89.0	92.8	96.5	100.2
65°	58.8	63.8	68.6	73.0	77.8	82.2	86.6	90.9	94.8	98.6	102.4
67.5°	59.8	64.8	69.7	74.5	79.3	83.9	88.3	92.5	97.0	100.8	104.5
70°	60.8	65.8	70.9	75.8	80.7	85.4	90.0	93.8	98.2	102.1	106.2
72.5°	61.7	66.7	72.1	76.7	81.7	86.5	91.1	95.2	99.4	103.5	107.6
75°	62.3	67.1	72.4	77.3	82.5	87.4	92.1	96.4	100.5	104.6	108.8
77.5°	62.6	67.7	72.7	77.8	82.9	87.9	92.9	97.4	101.7	105.6	109.9
80°	62.7	68.1	73.2	78.2	83.4	88.1	93.0	97.9	102.3	106.1	110.5
82.5°	62.5	67.9	73.2	78.6	84.0	88.5	93.1	98.4	102.8	106.5	110.9
85°	62.5	67.9	73.3	78.7	84.2	88.7	93.2	98.6	103.0	106.8	111.3
87.5°	62.5	67.9	73.3	78.7	84.2	88.7	93.2	98.6	103.0	106.8	111.3
90°	62.4	67.8	73.2	78.6	84.1	88.6	94.0	98.5	103.0	107.6	111.2
92.5°	62.5	67.9	73.3	78.7	84.2	88.7	93.5	98.6	103.1	107.1	111.2
95°	62.5	67.9	73.3	78.7	84.2	88.7	93.2	98.6	103.0	106.8	111.3
97.5°	62.5	67.9	73.2	78.6	84.0	88.5	93.1	98.4	102.8	106.5	110.9
100°	62.7	68.1	73.2	78.2	83.4	88.1	93.0	97.9	102.3	106.1	110.5
102.5°	62.6	67.7	72.7	77.8	82.9	87.9	92.9	97.4	101.7	105.6	109.9
105°	62.3	67.1	72.4	77.3	82.5	87.4	92.1	96.4	100.5	104.6	108.8
107.5°	61.7	66.7	72.1	76.7	81.7	86.5	91.1	95.2	99.4	103.5	107.6
110°	60.8	65.8	70.9	75.8	80.7	85.4	90.0	93.8	98.2	102.1	106.2



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	59.8	64.8	69.7	74.5	79.3	83.9	88.3	92.5	97.0	100.8	104.5
115°	58.8	63.8	68.6	73.0	77.8	82.2	86.6	90.9	94.8	98.6	102.4
117.5°	57.5	62.5	67.1	71.5	76.2	80.2	84.9	89.0	92.8	96.5	100.2
120°	56.4	61.3	65.6	69.9	74.3	78.6	83.3	87.1	90.9	94.2	97.7
122.5°	55.1	59.5	63.8	68.1	72.9	76.6	80.5	84.6	88.5	91.7	95.3
125°	53.2	57.8	62.2	66.4	70.5	74.0	78.0	82.0	85.6	88.8	92.5
127.5°	51.5	55.9	60.1	64.2	67.9	71.7	75.5	79.1	82.6	86.0	89.5
130°	49.8	53.9	57.7	61.8	65.6	69.3	72.7	76.2	79.9	83.1	86.1
132.5°	47.7	51.5	55.4	59.5	63.2	66.5	69.8	73.3	76.6	79.7	82.8
135°	45.3	49.1	52.9	56.5	60.1	63.5	66.8	70.0	73.1	76.2	79.1
137.5°	43.0	46.7	50.1	53.6	57.0	60.2	63.2	66.4	69.4	72.4	75.0
140°	40.4	43.7	47.1	50.6	53.8	56.6	59.6	62.7	65.4	68.0	70.7
142.5°	37.6	40.8	44.1	47.3	50.2	53.0	55.8	58.6	61.2	63.9	66.6
145°	34.8	37.8	40.8	43.7	46.5	49.1	52.0	54.9	57.3	59.7	61.9
147.5°	32.0	34.7	37.4	40.1	42.7	45.4	48.1	50.6	53.0	55.2	57.4
150°	28.8	31.5	34.1	36.6	39.0	41.4	43.8	46.1	48.3	50.4	52.4
152.5°	26.1	28.5	30.6	32.8	35.0	37.3	39.5	41.6	43.7	45.6	47.2
155°	23.0	25.0	27.0	29.1	31.2	33.2	35.1	36.8	38.6	40.4	42.0
157.5°	19.9	21.7	23.6	25.4	27.2	28.8	30.4	32.1	33.9	35.6	36.9
160°	17.1	18.5	20.0	21.4	23.0	24.5	26.0	27.5	29.0	30.4	31.7
162.5°	13.9	15.2	16.5	17.8	19.1	20.3	21.5	22.9	24.2	25.5	26.7
165°	10.9	12.0	13.2	14.3	15.5	16.6	17.7	18.8	19.9	20.7	21.6
167.5°	8.8	9.6	10.3	11.1	11.9	12.7	13.4	14.1	14.8	15.5	16.1
170°	6.3	6.9	7.4	8.0	8.5	9.0	9.5	9.9	10.3	10.8	11.3
172.5°	3.5	3.6	4.2	4.6	5.0	5.5	6.0	6.4	6.8	7.2	7.5
175°	2.6	2.8	2.9	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.1
177.5°	1.4	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0
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: P232035

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.5
5°	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.5	5.0
7.5°	7.9	8.2	8.5	8.8	9.0	9.3	9.5	9.7	9.8	10.0	10.6
10°	11.8	12.2	12.6	13.0	13.4	13.9	14.3	14.7	15.1	15.4	16.3
12.5°	16.8	17.4	18.0	18.6	19.1	19.6	20.1	20.6	20.9	21.3	22.4
15°	22.3	23.1	23.8	24.5	25.1	25.7	26.1	26.5	26.8	27.1	28.5
17.5°	27.7	28.7	29.6	30.4	31.1	31.7	32.3	32.9	33.5	33.9	35.5
20°	32.9	34.1	35.2	36.4	37.2	37.9	38.5	39.3	40.0	40.7	42.5
22.5°	38.2	39.4	40.8	42.1	43.2	44.0	44.6	45.4	46.3	47.0	49.2
25°	43.5	44.9	46.4	47.8	49.1	50.0	50.8	51.6	52.5	53.3	55.9
27.5°	48.7	50.4	52.0	53.5	54.8	55.9	56.8	57.8	58.8	59.7	62.5
30°	54.2	56.0	57.7	59.4	60.5	61.5	62.8	64.0	65.0	66.0	69.1
32.5°	59.3	61.2	63.0	64.6	66.0	67.1	68.4	69.7	70.8	71.9	75.0
35°	64.0	66.0	67.8	69.5	71.2	72.6	74.1	75.4	76.6	77.7	80.8
37.5°	68.7	70.8	72.7	74.5	76.3	77.9	79.4	80.7	82.0	83.2	86.7
40°	73.1	75.5	77.6	79.5	81.4	83.0	84.6	86.1	87.4	88.6	92.6
42.5°	77.3	79.9	82.2	84.3	86.1	87.8	89.5	90.9	92.3	93.6	97.8
45°	81.3	83.7	86.3	88.8	90.8	92.6	94.2	95.7	97.2	98.5	102.9
47.5°	85.3	87.6	90.3	92.9	95.2	96.9	98.6	100.2	101.7	103.1	107.6
50°	89.0	91.5	94.3	97.0	99.4	101.2	102.9	104.6	106.2	107.6	112.4
52.5°	92.4	95.2	97.9	100.5	103.1	105.1	106.7	108.2	109.8	111.7	116.6
55°	95.5	98.3	101.0	103.7	106.4	108.9	110.4	111.7	113.5	115.7	120.8
57.5°	98.5	101.3	104.3	107.0	109.7	112.1	113.8	115.2	117.0	119.3	124.6
60°	101.2	104.2	107.7	110.3	113.1	115.3	117.0	118.7	120.5	122.9	128.4
62.5°	103.8	106.7	110.2	113.1	115.7	118.1	120.0	121.5	123.6	126.1	131.3
65°	106.1	109.1	112.5	115.5	118.2	120.8	122.9	124.2	126.7	129.3	134.2
67.5°	108.2	111.3	114.5	117.7	120.4	122.9	125.0	126.8	129.0	131.6	136.9
70°	110.1	113.3	116.5	119.7	122.4	124.9	126.9	129.4	131.2	133.8	139.7
72.5°	111.6	114.9	118.0	121.2	124.1	126.7	128.6	131.2	133.0	135.6	142.0
75°	112.6	116.2	119.5	122.5	125.8	128.4	130.4	133.0	134.8	137.4	144.6
77.5°	113.5	117.0	120.5	123.6	126.7	129.4	131.7	133.9	135.7	138.8	145.0
80°	114.1	117.7	121.3	124.8	127.5	130.3	132.9	134.7	136.6	140.1	145.5
82.5°	114.6	118.5	121.7	125.2	128.0	131.1	133.4	135.6	137.4	140.6	146.4
85°	114.9	119.3	122.1	125.6	128.3	132.0	133.8	136.5	138.3	141.0	147.3
87.5°	114.8	119.3	122.5	126.1	128.8	132.0	134.3	136.5	138.3	141.5	147.3
90°	114.8	119.3	122.9	126.5	129.3	132.0	134.7	136.5	138.3	141.9	147.3
92.5°	114.8	119.3	122.5	126.1	128.8	132.0	134.3	136.5	138.3	141.5	147.3
95°	114.9	119.3	122.1	125.6	128.3	132.0	133.8	136.5	138.3	141.0	147.3
97.5°	114.6	118.5	121.7	125.2	128.0	131.1	133.4	135.6	137.4	140.6	146.4
100°	114.1	117.7	121.3	124.8	127.5	130.3	132.9	134.7	136.6	140.1	145.5
102.5°	113.5	117.0	120.5	123.6	126.7	129.4	131.7	133.9	135.7	138.8	145.0
105°	112.6	116.2	119.5	122.5	125.8	128.4	130.4	133.0	134.8	137.4	144.6
107.5°	111.6	114.9	118.0	121.2	124.1	126.7	128.6	131.2	133.0	135.6	142.0
110°	110.1	113.3	116.5	119.7	122.4	124.9	126.9	129.4	131.2	133.8	139.7



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	108.2	111.3	114.5	117.7	120.4	122.9	125.0	126.8	129.0	131.6	136.9
115°	106.1	109.1	112.5	115.5	118.2	120.8	122.9	124.2	126.7	129.3	134.2
117.5°	103.8	106.7	110.2	113.1	115.7	118.1	120.0	121.5	123.6	126.1	131.3
120°	101.2	104.2	107.7	110.3	113.1	115.3	117.0	118.7	120.5	122.9	128.4
122.5°	98.5	101.3	104.3	107.0	109.7	112.1	113.8	115.2	117.0	119.3	124.6
125°	95.5	98.3	101.0	103.7	106.4	108.9	110.4	111.7	113.5	115.7	120.8
127.5°	92.4	95.2	97.9	100.5	103.1	105.1	106.7	108.2	109.8	111.7	116.6
130°	89.0	91.5	94.3	97.0	99.4	101.2	102.9	104.6	106.2	107.6	112.4
132.5°	85.3	87.6	90.3	92.9	95.2	96.9	98.6	100.2	101.7	103.1	107.6
135°	81.3	83.7	86.3	88.8	90.8	92.6	94.2	95.7	97.2	98.5	102.9
137.5°	77.3	79.9	82.2	84.3	86.1	87.8	89.5	90.9	92.3	93.6	97.8
140°	73.1	75.5	77.6	79.5	81.4	83.0	84.6	86.1	87.4	88.6	92.6
142.5°	68.7	70.8	72.7	74.5	76.3	77.9	79.4	80.7	82.0	83.2	86.7
145°	64.0	66.0	67.8	69.5	71.2	72.6	74.1	75.4	76.6	77.7	80.8
147.5°	59.3	61.2	63.0	64.6	66.0	67.1	68.4	69.7	70.8	71.9	75.0
150°	54.2	56.0	57.7	59.4	60.5	61.5	62.8	64.0	65.0	66.0	69.1
152.5°	48.7	50.4	52.0	53.5	54.8	55.9	56.8	57.8	58.8	59.7	62.5
155°	43.5	44.9	46.4	47.8	49.1	50.0	50.8	51.6	52.5	53.3	55.9
157.5°	38.2	39.4	40.8	42.1	43.2	44.0	44.6	45.4	46.3	47.0	49.2
160°	32.9	34.1	35.2	36.4	37.2	37.9	38.5	39.3	40.0	40.7	42.5
162.5°	27.7	28.7	29.6	30.4	31.1	31.7	32.3	32.9	33.5	33.9	35.5
165°	22.3	23.1	23.8	24.5	25.1	25.7	26.1	26.5	26.8	27.1	28.5
167.5°	16.8	17.4	18.0	18.6	19.1	19.6	20.1	20.6	20.9	21.3	22.4
170°	11.8	12.2	12.6	13.0	13.4	13.9	14.3	14.7	15.1	15.4	16.3
172.5°	7.9	8.2	8.5	8.8	9.0	9.3	9.5	9.7	9.8	10.0	10.6
175°	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.5	5.0
177.5°	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	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: P232035

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.5	4.6
5°	5.4	5.9	6.3	6.7	7.1	7.5	7.9	8.3	8.6	9.0	9.3
7.5°	11.3	11.9	12.5	13.1	13.6	14.1	14.7	15.9	17.1	18.2	19.3
10°	17.2	18.0	18.8	19.5	20.4	22.1	23.8	25.4	26.9	28.4	29.9
12.5°	23.5	24.5	25.5	26.9	29.1	31.3	33.4	35.3	37.6	40.4	43.0
15°	29.8	31.0	32.4	35.3	38.1	40.8	43.5	46.9	50.2	53.4	56.9
17.5°	37.0	38.4	41.0	44.1	47.2	50.5	54.8	58.9	62.7	67.1	71.7
20°	44.2	45.9	49.3	52.6	56.0	61.3	66.4	71.3	76.5	81.5	86.5
22.5°	51.3	54.1	57.9	61.6	67.0	72.9	78.6	84.3	89.7	95.2	101.8
25°	58.5	62.3	66.7	71.6	78.1	84.4	91.0	97.5	104.0	110.9	117.8
27.5°	65.3	70.0	75.0	81.2	88.0	95.3	103.1	110.6	118.2	125.4	133.3
30°	72.1	77.6	83.1	90.1	97.6	105.9	114.5	123.4	132.0	140.4	148.9
32.5°	78.4	84.4	90.9	98.7	107.1	116.7	126.5	136.6	146.0	154.6	163.5
35°	84.7	91.1	98.7	107.3	117.3	128.1	138.2	148.7	158.6	168.4	178.4
37.5°	91.3	98.2	106.7	116.1	127.1	138.2	149.4	160.6	172.2	182.7	193.6
40°	98.0	105.2	114.8	125.1	136.5	148.2	160.0	171.8	183.9	196.1	207.5
42.5°	103.6	111.1	121.7	133.1	145.2	158.0	170.5	183.1	195.9	208.5	220.7
45°	109.1	117.2	128.3	140.6	153.8	167.8	180.8	194.2	208.0	221.0	233.8
47.5°	114.5	123.5	134.8	148.0	162.2	176.9	190.4	205.4	219.9	234.1	246.5
50°	119.9	129.7	141.3	155.3	170.3	184.9	198.9	215.0	229.9	244.1	258.2
52.5°	124.4	134.9	147.5	161.8	177.8	192.6	207.7	224.3	239.3	254.3	268.8
55°	128.8	139.9	153.4	168.1	185.1	200.2	216.3	233.0	249.0	264.4	279.6
57.5°	133.0	144.8	158.8	174.3	191.8	207.5	224.4	241.7	258.5	274.5	290.7
60°	137.1	149.5	164.1	180.3	197.8	214.8	231.7	249.5	266.4	283.1	299.4
62.5°	140.6	153.7	168.7	185.4	203.4	221.0	238.4	256.9	273.8	291.0	307.7
65°	144.1	157.9	173.0	190.2	208.4	226.3	244.6	263.3	280.2	298.2	315.1
67.5°	146.9	161.1	176.9	194.4	212.6	231.2	250.3	269.1	286.5	304.7	321.5
70°	149.5	164.1	180.6	198.1	216.4	235.7	255.3	274.2	292.6	310.5	327.2
72.5°	151.7	166.6	182.9	201.5	220.3	240.0	259.4	278.9	297.9	315.7	332.5
75°	153.9	169.0	184.8	204.8	224.1	243.9	262.6	283.0	301.8	319.6	337.2
77.5°	155.4	170.5	186.7	207.0	226.2	246.9	265.9	286.4	304.8	323.0	341.3
80°	157.3	171.9	188.7	208.9	227.8	249.5	269.1	288.8	306.9	325.9	344.0
82.5°	158.2	173.0	191.1	210.2	229.8	251.2	270.4	290.9	309.3	328.5	346.4
85°	159.1	173.5	192.5	211.5	232.2	253.1	271.3	293.6	311.7	330.6	348.6
87.5°	158.7	173.9	191.6	211.5	231.9	253.5	271.6	292.9	312.3	331.7	349.0
90°	158.2	174.4	190.7	211.5	231.4	254.0	272.1	291.9	311.8	331.7	348.0
92.5°	158.7	173.9	191.6	211.5	231.9	253.5	271.6	292.9	312.3	331.7	349.0
95°	159.1	173.5	192.5	211.5	232.2	253.1	271.3	293.6	311.7	330.6	348.6
97.5°	158.2	173.0	191.1	210.2	229.8	251.2	270.4	290.9	309.3	328.5	346.4
100°	157.3	171.9	188.7	208.9	227.8	249.5	269.1	288.8	306.9	325.9	344.0
102.5°	155.4	170.5	186.7	207.0	226.2	246.9	265.9	286.4	304.8	323.0	341.3
105°	153.9	169.0	184.8	204.8	224.1	243.9	262.6	283.0	301.8	319.6	337.2
107.5°	151.7	166.6	182.9	201.5	220.3	240.0	259.4	278.9	297.9	315.7	332.5
110°	149.5	164.1	180.6	198.1	216.4	235.7	255.3	274.2	292.6	310.5	327.2



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	146.9	161.1	176.9	194.4	212.6	231.2	250.3	269.1	286.5	304.7	321.5
115°	144.1	157.9	173.0	190.2	208.4	226.3	244.6	263.3	280.2	298.2	315.1
117.5°	140.6	153.7	168.7	185.4	203.4	221.0	238.4	256.9	273.8	291.0	307.7
120°	137.1	149.5	164.1	180.3	197.8	214.8	231.7	249.5	266.4	283.1	299.4
122.5°	133.0	144.8	158.8	174.3	191.8	207.5	224.4	241.7	258.5	274.5	290.7
125°	128.8	139.9	153.4	168.1	185.1	200.2	216.3	233.0	249.0	264.4	279.6
127.5°	124.4	134.9	147.5	161.8	177.8	192.6	207.7	224.3	239.3	254.3	268.8
130°	119.9	129.7	141.3	155.3	170.3	184.9	198.9	215.0	229.9	244.1	258.2
132.5°	114.5	123.5	134.8	148.0	162.2	176.9	190.4	205.4	219.9	234.1	246.5
135°	109.1	117.2	128.3	140.6	153.8	167.8	180.8	194.2	208.0	221.0	233.8
137.5°	103.6	111.1	121.7	133.1	145.2	158.0	170.5	183.1	195.9	208.5	220.7
140°	98.0	105.2	114.8	125.1	136.5	148.2	160.0	171.8	183.9	196.1	207.5
142.5°	91.3	98.2	106.7	116.1	127.1	138.2	149.4	160.6	172.2	182.7	193.6
145°	84.7	91.1	98.7	107.3	117.3	128.1	138.2	148.7	158.6	168.4	178.4
147.5°	78.4	84.4	90.9	98.7	107.1	116.7	126.5	136.6	146.0	154.6	163.5
150°	72.1	77.6	83.1	90.1	97.6	105.9	114.5	123.4	132.0	140.4	148.9
152.5°	65.3	70.0	75.0	81.2	88.0	95.3	103.1	110.6	118.2	125.4	133.3
155°	58.5	62.3	66.7	71.6	78.1	84.4	91.0	97.5	104.0	110.9	117.8
157.5°	51.3	54.1	57.9	61.6	67.0	72.9	78.6	84.3	89.7	95.2	101.8
160°	44.2	45.9	49.3	52.6	56.0	61.3	66.4	71.3	76.5	81.5	86.5
162.5°	37.0	38.4	41.0	44.1	47.2	50.5	54.8	58.9	62.7	67.1	71.7
165°	29.8	31.0	32.4	35.3	38.1	40.8	43.5	46.9	50.2	53.4	56.9
167.5°	23.5	24.5	25.5	26.9	29.1	31.3	33.4	35.3	37.6	40.4	43.0
170°	17.2	18.0	18.8	19.5	20.4	22.1	23.8	25.4	26.9	28.4	29.9
172.5°	11.3	11.9	12.5	13.1	13.6	14.1	14.7	15.9	17.1	18.2	19.3
175°	5.4	5.9	6.3	6.7	7.1	7.5	7.9	8.3	8.6	9.0	9.3
177.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.5	4.6
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: P232035

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8
5°	10.1	10.9	11.6	12.3	13.0	13.6	14.2	14.7	15.2	15.6	16.0
7.5°	20.4	21.4	22.3	23.2	24.1	25.2	26.0	27.2	28.3	29.2	30.1
10°	31.8	33.8	35.7	37.4	39.0	40.5	41.8	43.2	44.7	46.1	47.4
12.5°	45.5	47.9	50.2	52.7	55.1	57.5	59.6	61.7	63.6	65.6	67.4
15°	60.1	63.6	66.8	69.7	72.5	75.5	78.4	81.2	83.9	86.2	88.3
17.5°	76.2	80.9	84.2	87.9	91.5	95.0	98.3	101.4	104.2	106.5	108.9
20°	91.7	96.6	101.2	105.5	109.9	114.3	118.2	121.8	125.2	128.4	131.2
22.5°	108.0	113.8	119.1	124.3	129.4	134.2	138.7	143.0	147.0	150.7	154.1
25°	124.5	130.7	137.3	142.6	148.4	154.0	159.1	164.0	168.7	172.9	176.3
27.5°	140.9	148.0	154.8	161.4	167.5	173.1	179.6	184.4	189.4	193.9	197.6
30°	157.2	165.1	172.6	179.6	186.3	192.8	199.1	205.3	210.1	214.5	219.1
32.5°	172.5	181.3	189.7	197.6	204.9	212.0	218.6	224.5	230.0	235.2	240.0
35°	188.1	197.7	206.9	215.5	223.5	230.8	237.7	244.3	250.6	255.9	260.4
37.5°	203.7	213.8	223.9	233.2	241.4	249.2	256.7	263.6	269.5	275.7	279.8
40°	218.4	229.7	240.0	249.2	258.1	266.8	274.4	281.2	287.8	294.0	299.3
42.5°	232.8	244.4	254.6	264.4	273.9	282.8	290.9	299.0	307.3	312.5	318.3
45°	246.5	257.8	268.9	279.8	289.5	298.8	307.8	316.2	323.1	329.6	334.9
47.5°	259.1	270.9	283.4	294.7	304.2	314.1	323.4	331.1	338.9	346.0	351.9
50°	271.3	283.9	296.4	307.5	318.3	328.7	337.9	346.5	355.7	362.1	368.3
52.5°	282.9	296.4	308.6	320.3	332.5	342.4	352.0	361.4	369.1	376.6	383.6
55°	294.4	308.4	321.3	332.8	344.4	355.4	365.0	374.1	382.7	390.8	397.6
57.5°	304.8	318.5	331.6	344.3	355.9	366.8	377.1	386.8	395.6	403.5	410.5
60°	314.2	328.1	341.7	354.6	366.5	377.8	388.7	398.5	407.4	415.7	422.7
62.5°	322.8	336.9	351.1	364.3	376.7	388.5	399.4	409.4	418.2	426.3	434.3
65°	330.3	345.2	359.4	372.8	386.0	398.2	409.2	419.1	428.0	436.3	444.8
67.5°	337.1	352.2	366.7	381.0	394.3	406.5	417.6	427.5	437.1	446.1	454.2
70°	343.4	358.7	373.8	388.7	401.4	413.7	424.9	435.0	444.9	454.4	463.4
72.5°	349.1	365.1	380.6	395.5	407.8	421.0	432.1	442.6	452.5	461.8	470.6
75°	354.1	370.3	386.0	400.8	413.7	426.3	437.9	449.2	459.1	468.2	477.2
77.5°	358.4	374.3	389.4	404.5	418.0	430.5	442.6	454.2	464.6	474.2	482.5
80°	360.6	377.0	392.9	407.8	421.2	434.1	445.8	457.5	468.5	478.1	486.6
82.5°	362.7	379.2	396.1	410.0	424.0	437.3	448.5	460.0	470.9	481.1	490.1
85°	364.9	381.1	398.1	411.8	425.5	438.5	450.4	462.0	472.4	482.9	492.1
87.5°	365.7	382.3	399.2	413.1	426.3	439.6	451.9	463.7	473.6	483.7	492.6
90°	365.2	382.3	398.6	413.1	425.7	440.2	451.9	463.7	473.6	484.5	492.6
92.5°	365.7	382.3	399.2	413.1	426.3	439.6	451.9	463.7	473.6	483.7	492.6
95°	364.9	381.1	398.1	411.8	425.5	438.5	450.4	462.0	472.4	482.9	492.1
97.5°	362.7	379.2	396.1	410.0	424.0	437.3	448.5	460.0	470.9	481.1	490.1
100°	360.6	377.0	392.9	407.8	421.2	434.1	445.8	457.5	468.5	478.1	486.6
102.5°	358.4	374.3	389.4	404.5	418.0	430.5	442.6	454.2	464.6	474.2	482.5
105°	354.1	370.3	386.0	400.8	413.7	426.3	437.9	449.2	459.1	468.2	477.2
107.5°	349.1	365.1	380.6	395.5	407.8	421.0	432.1	442.6	452.5	461.8	470.6
110°	343.4	358.7	373.8	388.7	401.4	413.7	424.9	435.0	444.9	454.4	463.4



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	337.1	352.2	366.7	381.0	394.3	406.5	417.6	427.5	437.1	446.1	454.2
115°	330.3	345.2	359.4	372.8	386.0	398.2	409.2	419.1	428.0	436.3	444.8
117.5°	322.8	336.9	351.1	364.3	376.7	388.5	399.4	409.4	418.2	426.3	434.3
120°	314.2	328.1	341.7	354.6	366.5	377.8	388.7	398.5	407.4	415.7	422.7
122.5°	304.8	318.5	331.6	344.3	355.9	366.8	377.1	386.8	395.6	403.5	410.5
125°	294.4	308.4	321.3	332.8	344.4	355.4	365.0	374.1	382.7	390.8	397.6
127.5°	282.9	296.4	308.6	320.3	332.5	342.4	352.0	361.4	369.1	376.6	383.6
130°	271.3	283.9	296.4	307.5	318.3	328.7	337.9	346.5	355.7	362.1	368.3
132.5°	259.1	270.9	283.4	294.7	304.2	314.1	323.4	331.1	338.9	346.0	351.9
135°	246.5	257.8	268.9	279.8	289.5	298.8	307.8	316.2	323.1	329.6	334.9
137.5°	232.8	244.4	254.6	264.4	273.9	282.8	290.9	299.0	307.3	312.5	318.3
140°	218.4	229.7	240.0	249.2	258.1	266.8	274.4	281.2	287.8	294.0	299.3
142.5°	203.7	213.8	223.9	233.2	241.4	249.2	256.7	263.6	269.5	275.7	279.8
145°	188.1	197.7	206.9	215.5	223.5	230.8	237.7	244.3	250.6	255.9	260.4
147.5°	172.5	181.3	189.7	197.6	204.9	212.0	218.6	224.5	230.0	235.2	240.0
150°	157.2	165.1	172.6	179.6	186.3	192.8	199.1	205.3	210.1	214.5	219.1
152.5°	140.9	148.0	154.8	161.4	167.5	173.1	179.6	184.4	189.4	193.9	197.6
155°	124.5	130.7	137.3	142.6	148.4	154.0	159.1	164.0	168.7	172.9	176.3
157.5°	108.0	113.8	119.1	124.3	129.4	134.2	138.7	143.0	147.0	150.7	154.1
160°	91.7	96.6	101.2	105.5	109.9	114.3	118.2	121.8	125.2	128.4	131.2
162.5°	76.2	80.9	84.2	87.9	91.5	95.0	98.3	101.4	104.2	106.5	108.9
165°	60.1	63.6	66.8	69.7	72.5	75.5	78.4	81.2	83.9	86.2	88.3
167.5°	45.5	47.9	50.2	52.7	55.1	57.5	59.6	61.7	63.6	65.6	67.4
170°	31.8	33.8	35.7	37.4	39.0	40.5	41.8	43.2	44.7	46.1	47.4
172.5°	20.4	21.4	22.3	23.2	24.1	25.2	26.0	27.2	28.3	29.2	30.1
175°	10.1	10.9	11.6	12.3	13.0	13.6	14.2	14.7	15.2	15.6	16.0
177.5°	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8
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: P232035

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.8	5.8	5.8	5.9	5.8	5.8	6.0	5.9	5.8	5.7	5.6
5°	16.3	16.6	16.8	16.9	17.1	17.1	17.2	17.1	17.4	17.1	16.9
7.5°	30.9	31.6	32.2	32.8	33.2	33.6	33.8	34.0	34.1	34.5	34.1
10°	48.5	49.8	51.0	52.1	52.9	53.7	54.2	54.6	54.9	55.7	55.2
12.5°	68.9	70.2	71.3	72.2	73.3	74.3	75.0	75.5	75.8	75.9	76.2
15°	90.1	91.8	93.3	94.6	95.6	96.8	97.7	98.4	98.8	98.9	99.3
17.5°	111.3	113.6	115.5	117.1	118.3	119.1	120.1	121.3	122.4	123.2	124.4
20°	133.8	136.2	138.3	140.1	141.5	142.5	143.2	144.1	145.0	145.5	146.2
22.5°	157.0	159.6	161.6	163.5	165.1	166.3	167.1	167.6	168.4	169.0	170.0
25°	179.4	182.0	184.4	186.3	188.2	189.7	190.8	191.4	192.1	193.1	193.7
27.5°	200.9	204.0	206.8	209.0	210.5	212.4	213.7	214.5	214.9	215.4	215.6
30°	222.2	225.1	228.0	230.5	232.7	234.3	235.8	236.7	237.1	237.7	238.5
32.5°	243.7	246.9	249.8	252.9	254.9	256.2	257.2	258.2	258.5	258.5	259.4
35°	264.4	268.1	271.4	274.2	276.2	277.5	278.4	279.2	279.3	278.7	279.3
37.5°	284.1	287.9	291.2	294.0	296.1	298.0	299.0	299.5	299.6	299.1	299.2
40°	303.8	307.3	310.4	313.5	316.2	317.9	318.5	318.6	319.0	319.1	319.4
42.5°	322.6	325.9	329.4	332.4	334.6	335.9	336.9	337.3	337.5	337.2	336.5
45°	339.4	343.7	347.7	350.5	352.7	354.7	354.9	355.5	355.4	354.9	353.7
47.5°	357.4	361.4	364.7	367.9	370.2	371.8	372.6	372.7	372.2	371.5	370.4
50°	373.9	378.3	381.9	385.3	387.1	388.4	389.0	389.0	388.8	388.5	388.4
52.5°	389.3	394.1	397.6	400.5	402.9	404.6	405.5	405.1	404.9	404.4	404.2
55°	403.9	408.3	412.1	415.9	418.4	420.1	420.6	420.5	420.0	418.4	418.4
57.5°	416.6	422.3	427.3	430.5	433.4	435.0	435.5	435.4	434.6	433.6	433.0
60°	429.5	435.7	440.1	443.9	447.1	448.7	449.2	449.1	448.0	446.8	446.0
62.5°	441.6	446.4	451.6	456.2	459.5	461.3	462.3	462.0	460.4	458.9	458.0
65°	451.5	457.6	463.4	467.5	471.1	473.2	473.9	474.2	472.4	471.1	470.1
67.5°	461.4	467.9	473.4	477.5	481.3	483.5	484.6	485.1	483.7	482.1	480.8
70°	470.4	476.7	482.3	486.3	489.7	492.5	494.3	494.9	493.6	491.4	489.9
72.5°	478.1	484.2	489.8	494.2	497.9	500.7	502.1	503.1	501.7	499.8	498.1
75°	484.6	490.9	496.3	500.9	504.9	507.1	508.7	509.7	509.9	507.9	506.0
77.5°	490.1	496.8	502.1	506.5	510.3	512.6	514.0	515.7	515.8	515.1	512.9
80°	494.3	501.1	506.7	510.9	514.8	517.7	518.4	519.4	520.2	520.0	518.5
82.5°	498.0	504.5	509.9	514.3	517.6	520.1	521.8	523.0	522.9	522.9	523.2
85°	499.6	506.0	511.5	516.8	520.0	522.3	523.7	524.6	524.8	524.6	524.4
87.5°	500.7	506.8	512.2	517.0	519.9	522.0	524.0	525.0	525.0	524.3	524.4
90°	500.7	506.2	511.6	517.0	519.7	521.5	523.3	523.3	523.3	522.4	520.6
92.5°	500.7	506.8	512.2	517.0	519.9	522.0	524.0	525.0	525.0	524.3	524.4
95°	499.6	506.0	511.5	516.8	520.0	522.3	523.7	524.6	524.8	524.6	524.4
97.5°	498.0	504.5	509.9	514.3	517.6	520.1	521.8	523.0	522.9	522.9	523.2
100°	494.3	501.1	506.7	510.9	514.8	517.7	518.4	519.4	520.2	520.0	518.5
102.5°	490.1	496.8	502.1	506.5	510.3	512.6	514.0	515.7	515.8	515.1	512.9
105°	484.6	490.9	496.3	500.9	504.9	507.1	508.7	509.7	509.9	507.9	506.0
107.5°	478.1	484.2	489.8	494.2	497.9	500.7	502.1	503.1	501.7	499.8	498.1
110°	470.4	476.7	482.3	486.3	489.7	492.5	494.3	494.9	493.6	491.4	489.9



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	461.4	467.9	473.4	477.5	481.3	483.5	484.6	485.1	483.7	482.1	480.8
115°	451.5	457.6	463.4	467.5	471.1	473.2	473.9	474.2	472.4	471.1	470.1
117.5°	441.6	446.4	451.6	456.2	459.5	461.3	462.3	462.0	460.4	458.9	458.0
120°	429.5	435.7	440.1	443.9	447.1	448.7	449.2	449.1	448.0	446.8	446.0
122.5°	416.6	422.3	427.3	430.5	433.4	435.0	435.5	435.4	434.6	433.6	433.0
125°	403.9	408.3	412.1	415.9	418.4	420.1	420.6	420.5	420.0	418.4	418.4
127.5°	389.3	394.1	397.6	400.5	402.9	404.6	405.5	405.1	404.9	404.4	404.2
130°	373.9	378.3	381.9	385.3	387.1	388.4	389.0	389.0	388.8	388.5	388.4
132.5°	357.4	361.4	364.7	367.9	370.2	371.8	372.6	372.7	372.2	371.5	370.4
135°	339.4	343.7	347.7	350.5	352.7	354.7	354.9	355.5	355.4	354.9	353.7
137.5°	322.6	325.9	329.4	332.4	334.6	335.9	336.9	337.3	337.5	337.2	336.5
140°	303.8	307.3	310.4	313.5	316.2	317.9	318.5	318.6	319.0	319.1	319.4
142.5°	284.1	287.9	291.2	294.0	296.1	298.0	299.0	299.5	299.6	299.1	299.2
145°	264.4	268.1	271.4	274.2	276.2	277.5	278.4	279.2	279.3	278.7	279.3
147.5°	243.7	246.9	249.8	252.9	254.9	256.2	257.2	258.2	258.5	258.5	259.4
150°	222.2	225.1	228.0	230.5	232.7	234.3	235.8	236.7	237.1	237.7	238.5
152.5°	200.9	204.0	206.8	209.0	210.5	212.4	213.7	214.5	214.9	215.4	215.6
155°	179.4	182.0	184.4	186.3	188.2	189.7	190.8	191.4	192.1	193.1	193.7
157.5°	157.0	159.6	161.6	163.5	165.1	166.3	167.1	167.6	168.4	169.0	170.0
160°	133.8	136.2	138.3	140.1	141.5	142.5	143.2	144.1	145.0	145.5	146.2
162.5°	111.3	113.6	115.5	117.1	118.3	119.1	120.1	121.3	122.4	123.2	124.4
165°	90.1	91.8	93.3	94.6	95.6	96.8	97.7	98.4	98.8	98.9	99.3
167.5°	68.9	70.2	71.3	72.2	73.3	74.3	75.0	75.5	75.8	75.9	76.2
170°	48.5	49.8	51.0	52.1	52.9	53.7	54.2	54.6	54.9	55.7	55.2
172.5°	30.9	31.6	32.2	32.8	33.2	33.6	33.8	34.0	34.1	34.5	34.1
175°	16.3	16.6	16.8	16.9	17.1	17.1	17.2	17.1	17.4	17.1	16.9
177.5°	5.8	5.8	5.8	5.9	5.8	5.8	6.0	5.9	5.8	5.7	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



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	5.5	5.4
5°	16.6	16.3
7.5°	33.8	33.4
10°	54.7	54.2
12.5°	75.6	75.0
15°	98.4	97.6
17.5°	124.1	123.8
20°	145.4	144.6
22.5°	169.0	168.1
25°	194.0	193.4
27.5°	215.4	214.2
30°	239.1	238.6
32.5°	260.0	259.4
35°	279.9	279.3
37.5°	299.9	299.2
40°	320.9	320.9
42.5°	337.0	336.2
45°	356.1	357.0
47.5°	371.1	370.6
50°	389.2	388.7
52.5°	404.9	404.9
55°	419.4	419.4
57.5°	433.0	433.0
60°	446.6	447.4
62.5°	458.7	459.2
65°	470.4	471.8
67.5°	480.6	481.8
70°	489.4	490.8
72.5°	498.3	499.8
75°	504.9	507.1
77.5°	511.2	514.3
80°	516.3	518.8
82.5°	520.6	523.3
85°	524.6	526.0
87.5°	525.6	527.9
90°	520.6	525.1
92.5°	525.6	527.9
95°	524.6	526.0
97.5°	520.6	523.3
100°	516.3	518.8
102.5°	511.2	514.3
105°	504.9	507.1
107.5°	498.3	499.8
110°	489.4	490.8



TEST NUMBER: P232035

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	480.6	481.8
115°	470.4	471.8
117.5°	458.7	459.2
120°	446.6	447.4
122.5°	433.0	433.0
125°	419.4	419.4
127.5°	404.9	404.9
130°	389.2	388.7
132.5°	371.1	370.6
135°	356.1	357.0
137.5°	337.0	336.2
140°	320.9	320.9
142.5°	299.9	299.2
145°	279.9	279.3
147.5°	260.0	259.4
150°	239.1	238.6
152.5°	215.4	214.2
155°	194.0	193.4
157.5°	169.0	168.1
160°	145.4	144.6
162.5°	124.1	123.8
165°	98.4	97.6
167.5°	75.6	75.0
170°	54.7	54.2
172.5°	33.8	33.4
175°	16.6	16.3
177.5°	5.5	5.4
180°	0.0	0.0

(END OF REPORT)