

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: P231890

Luminaire Tested: **FVS4WM-2-LD4-40-1STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231890
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-4)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-40-1STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (42) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

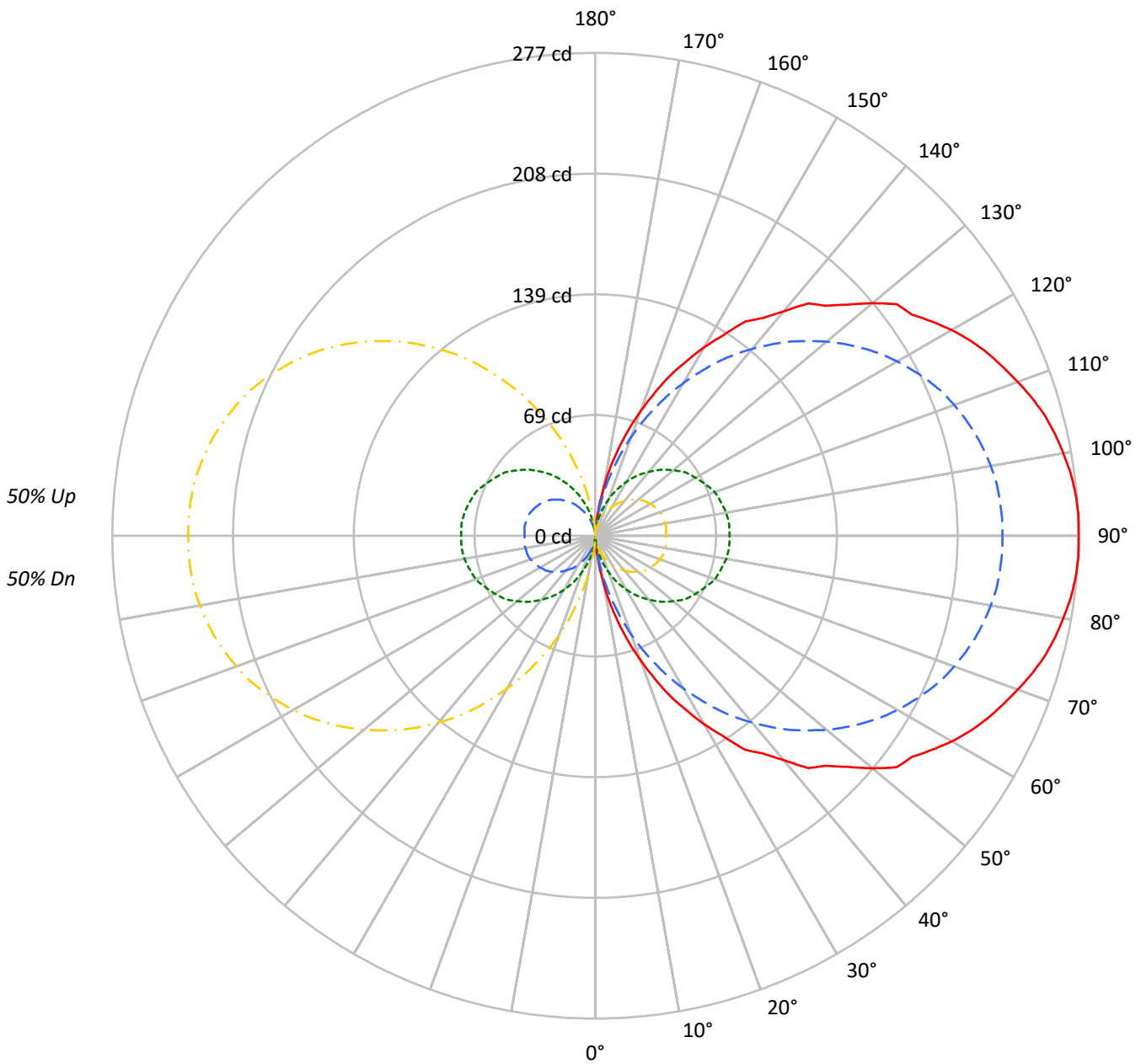
Lumens per Lamp: N/A
Luminaire Lumens: 1200.6 lumens
Efficiency: N/A
Efficacy: 70.7 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 16.99
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	73	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°	234	95	0	95
10°	668	263	0	263
15°	1113	458	0	458
20°	1512	659	0	659
25°	1886	897	0	897
30°	2201	1128	0	1128
35°	2531	1385	0	1385
40°	2737	1644	0	1644
45°	2962	1948	0	1948
50°	3239	2279	0	2279
55°	3420	2681	0	2681
60°	3637	3106	0	3106
65°	3844	3660	0	3660
70°	4048	4415	0	4415
75°	4276	5367	0	5367
80°	4497	6829	0	6829
85°	4739	9241	0	9241



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.7	0.1
10°-20°	6.7	0.6
20°-30°	20.8	1.7
30°-40°	41.5	3.5
40°-50°	65.6	5.5
50°-60°	90.2	7.5
60°-70°	111.8	9.3
70°-80°	127.6	10.6
80°-90°	135.5	11.3
90°-100°	135.5	11.3
100°-110°	127.6	10.6
110°-120°	111.8	9.3
120°-130°	90.2	7.5
130°-140°	65.6	5.5
140°-150°	41.5	3.5
150°-160°	20.8	1.7
160°-170°	6.7	0.6
170°-180°	0.7	0.1
0°-30°	28.2	2.3
0°-40°	69.6	5.8
0°-60°	225.5	18.8
0°-90°	600.3	50.0
90°-120°	374.8	31.2
90°-150°	572.1	47.7
90°-180°	600.0	50.0
0°-180°	1200.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	9	3	0	3	9	1
15°	52	15	0	15	52	15
25°	101	29	0	29	101	47
35°	150	42	0	42	150	93
45°	186	54	0	54	186	146
55°	221	63	0	63	221	200
65°	248	70	0	70	248	246
75°	267	75	0	75	267	282
85°	276	77	0	77	276	225
90°	277	77	0	77	277	152
95°	276	77	0	77	276	225
105°	267	75	0	75	267	282
115°	248	70	0	70	248	246
125°	221	63	0	63	221	200
135°	186	54	0	54	186	146
145°	150	42	0	42	150	93
155°	101	29	0	29	101	47
165°	52	15	0	15	52	15
175°	9	3	0	3	9	1
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°	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.3	4.3	4.3	4.2
5°	8.9	9.0	9.2	9.3	9.5	9.4	9.4	9.4	9.4	9.4	9.3
7.5°	17.8	18.0	18.2	18.4	18.3	18.2	18.2	18.1	17.9	17.7	17.4
10°	28.4	28.6	28.8	29.0	28.6	28.5	28.3	28.0	27.6	27.2	26.7
12.5°	40.5	40.8	41.1	40.8	40.7	40.4	40.0	39.5	38.9	38.2	37.6
15°	51.9	52.2	52.5	52.3	52.1	51.8	51.4	50.9	50.4	49.9	49.2
17.5°	64.1	64.5	64.9	64.5	64.3	63.9	63.3	62.8	62.2	61.5	60.7
20°	76.2	76.5	76.8	76.2	75.9	75.4	75.0	74.7	74.2	73.4	72.3
22.5°	88.4	88.9	89.4	88.9	88.5	88.0	87.6	87.1	86.5	85.7	84.8
25°	101.4	101.8	101.6	101.4	100.9	100.6	100.3	99.7	98.8	97.6	96.5
27.5°	112.7	113.1	113.0	112.8	112.4	112.5	112.3	111.9	111.1	110.3	108.9
30°	124.9	125.4	125.2	124.9	124.7	124.5	124.1	123.5	122.7	121.7	120.3
32.5°	136.2	136.7	136.6	136.4	136.4	136.3	135.8	135.1	134.3	133.1	131.5
35°	150.0	149.7	148.7	147.8	147.8	147.5	147.0	146.5	145.8	144.5	143.0
37.5°	157.3	157.9	157.9	157.9	158.0	157.8	157.5	156.9	155.8	155.0	153.7
40°	167.9	168.6	168.5	168.6	168.5	168.2	168.0	167.4	166.4	165.2	163.9
42.5°	180.8	179.7	177.9	178.0	178.2	178.2	178.1	177.5	176.4	174.9	173.6
45°	186.5	187.3	187.3	187.5	187.4	187.6	187.4	187.1	185.8	184.8	183.8
47.5°	196.2	196.7	196.5	196.7	196.7	196.9	196.7	196.1	195.1	193.9	192.4
50°	207.6	206.6	205.4	205.3	205.6	206.0	205.6	204.8	204.2	203.2	201.3
52.5°	218.1	215.5	213.9	214.1	214.5	214.6	214.1	213.3	212.7	211.4	209.6
55°	221.4	222.5	222.3	222.1	222.8	222.6	221.9	221.5	220.7	219.3	217.2
57.5°	228.7	230.0	229.8	229.9	230.6	230.2	230.2	229.1	228.3	226.7	224.8
60°	236.0	236.7	236.4	236.9	237.5	237.7	237.4	236.2	235.0	233.4	231.6
62.5°	242.5	243.0	242.9	243.2	243.7	244.1	244.0	243.1	241.9	240.2	238.4
65°	248.1	248.8	248.9	249.4	249.9	250.0	249.8	249.1	248.3	246.9	244.5
67.5°	253.0	253.9	254.6	255.0	255.5	255.6	255.3	254.5	253.9	252.4	250.2
70°	257.9	258.7	259.1	259.7	260.1	260.7	260.7	259.6	258.6	257.1	254.9
72.5°	262.7	262.9	263.4	264.0	264.8	264.8	264.5	264.3	263.2	261.5	259.1
75°	266.8	267.1	267.6	268.1	268.7	269.3	268.7	268.1	266.8	265.3	262.7
77.5°	270.0	270.5	270.8	272.1	272.5	272.3	272.0	270.9	269.6	267.8	265.9
80°	272.5	273.5	273.9	274.4	275.1	275.2	274.6	274.0	272.4	269.9	267.7
82.5°	274.9	276.0	276.2	276.9	277.0	277.1	276.2	275.4	273.9	272.1	269.7
85°	276.5	277.4	278.1	278.1	278.0	277.9	277.6	276.1	274.6	272.8	270.4
87.5°	277.3	278.1	278.1	277.9	278.1	277.5	277.2	276.4	275.6	273.2	271.4
90°	277.3	276.5	276.5	277.3	277.3	277.3	277.3	276.5	275.7	273.3	270.8
92.5°	277.3	278.1	278.1	277.9	278.1	277.5	277.2	276.4	275.6	273.2	271.4
95°	276.5	277.4	278.1	278.1	278.0	277.9	277.6	276.1	274.6	272.8	270.4
97.5°	274.9	276.0	276.2	276.9	277.0	277.1	276.2	275.4	273.9	272.1	269.7
100°	272.5	273.5	273.9	274.4	275.1	275.2	274.6	274.0	272.4	269.9	267.7
102.5°	270.0	270.5	270.8	272.1	272.5	272.3	272.0	270.9	269.6	267.8	265.9
105°	266.8	267.1	267.6	268.1	268.7	269.3	268.7	268.1	266.8	265.3	262.7
107.5°	262.7	262.9	263.4	264.0	264.8	264.8	264.5	264.3	263.2	261.5	259.1
110°	257.9	258.7	259.1	259.7	260.1	260.7	260.7	259.6	258.6	257.1	254.9



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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°	253.0	253.9	254.6	255.0	255.5	255.6	255.3	254.5	253.9	252.4	250.2
115°	248.1	248.8	248.9	249.4	249.9	250.0	249.8	249.1	248.3	246.9	244.5
117.5°	242.5	243.0	242.9	243.2	243.7	244.1	244.0	243.1	241.9	240.2	238.4
120°	236.0	236.7	236.4	236.9	237.5	237.7	237.4	236.2	235.0	233.4	231.6
122.5°	228.7	230.0	229.8	229.9	230.6	230.2	230.2	229.1	228.3	226.7	224.8
125°	221.4	222.5	222.3	222.1	222.8	222.6	221.9	221.5	220.7	219.3	217.2
127.5°	218.1	215.5	213.9	214.1	214.5	214.6	214.1	213.3	212.7	211.4	209.6
130°	207.6	206.6	205.4	205.3	205.6	206.0	205.6	204.8	204.2	203.2	201.3
132.5°	196.2	196.7	196.5	196.7	196.7	196.9	196.7	196.1	195.1	193.9	192.4
135°	186.5	187.3	187.3	187.5	187.4	187.6	187.4	187.1	185.8	184.8	183.8
137.5°	180.8	179.7	177.9	178.0	178.2	178.2	178.1	177.5	176.4	174.9	173.6
140°	167.9	168.6	168.5	168.6	168.5	168.2	168.0	167.4	166.4	165.2	163.9
142.5°	157.3	157.9	157.9	157.9	158.0	157.8	157.5	156.9	155.8	155.0	153.7
145°	150.0	149.7	148.7	147.8	147.8	147.5	147.0	146.5	145.8	144.5	143.0
147.5°	136.2	136.7	136.6	136.4	136.4	136.3	135.8	135.1	134.3	133.1	131.5
150°	124.9	125.4	125.2	124.9	124.7	124.5	124.1	123.5	122.7	121.7	120.3
152.5°	112.7	113.1	113.0	112.8	112.4	112.5	112.3	111.9	111.1	110.3	108.9
155°	101.4	101.8	101.6	101.4	100.9	100.6	100.3	99.7	98.8	97.6	96.5
157.5°	88.4	88.9	89.4	88.9	88.5	88.0	87.6	87.1	86.5	85.7	84.8
160°	76.2	76.5	76.8	76.2	75.9	75.4	75.0	74.7	74.2	73.4	72.3
162.5°	64.1	64.5	64.9	64.5	64.3	63.9	63.3	62.8	62.2	61.5	60.7
165°	51.9	52.2	52.5	52.3	52.1	51.8	51.4	50.9	50.4	49.9	49.2
167.5°	40.5	40.8	41.1	40.8	40.7	40.4	40.0	39.5	38.9	38.2	37.6
170°	28.4	28.6	28.8	29.0	28.6	28.5	28.3	28.0	27.6	27.2	26.7
172.5°	17.8	18.0	18.2	18.4	18.3	18.2	18.2	18.1	17.9	17.7	17.4
175°	8.9	9.0	9.2	9.3	9.5	9.4	9.4	9.4	9.4	9.4	9.3
177.5°	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.3	4.3	4.3	4.2
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°	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6
5°	9.2	9.1	9.0	8.9	8.7	8.5	8.3	8.0	7.8	7.5	7.2
7.5°	17.1	16.7	16.3	15.8	15.3	14.7	14.1	13.6	12.9	12.5	12.1
10°	26.2	25.6	25.1	24.5	23.8	23.1	22.3	21.5	20.7	19.8	18.8
12.5°	36.9	36.2	35.3	34.4	33.4	32.5	31.4	30.3	29.0	27.6	26.2
15°	48.5	47.6	46.6	45.4	44.1	42.8	41.4	39.9	38.3	36.8	35.1
17.5°	59.7	58.6	57.4	56.2	54.9	53.4	51.8	50.1	48.3	46.3	44.2
20°	71.0	69.7	68.6	67.3	65.8	64.2	62.4	60.4	58.2	56.0	53.6
22.5°	83.6	82.2	80.5	78.7	76.8	74.8	72.8	70.6	68.3	65.6	62.9
25°	95.4	94.1	92.4	90.4	88.3	86.0	83.4	80.7	78.1	75.2	72.6
27.5°	107.4	105.8	104.0	101.9	99.5	97.1	94.9	91.3	88.0	84.7	81.4
30°	118.7	117.0	115.2	112.8	110.3	107.6	104.6	101.2	97.7	94.2	90.5
32.5°	130.0	128.1	126.0	123.4	121.0	118.2	114.9	111.2	107.4	103.6	99.6
35°	141.3	139.3	136.9	134.4	131.8	128.7	125.3	121.3	117.1	113.0	108.6
37.5°	151.9	149.7	147.2	145.2	142.0	138.7	134.9	131.0	126.7	122.2	117.5
40°	162.3	160.0	157.7	154.9	151.6	147.9	144.0	139.9	135.5	130.7	126.1
42.5°	172.1	169.8	167.2	164.2	161.4	157.1	153.1	148.8	144.2	138.8	133.7
45°	181.4	179.2	176.5	173.3	169.8	166.0	161.8	157.5	152.4	147.1	141.4
47.5°	190.3	188.1	185.4	182.3	178.5	174.4	170.0	165.2	159.9	154.6	149.0
50°	198.8	196.4	193.9	190.7	187.3	182.6	178.1	173.2	167.6	161.7	156.1
52.5°	207.5	204.7	201.9	198.6	194.7	190.6	185.6	180.5	175.7	169.0	162.7
55°	215.0	212.6	209.4	205.9	202.0	197.7	193.1	187.5	181.8	175.6	169.7
57.5°	222.4	219.8	216.8	213.1	208.9	204.5	199.6	194.1	188.1	181.5	175.1
60°	229.7	226.7	223.3	220.1	215.5	210.6	205.4	200.0	193.9	187.4	180.6
62.5°	236.0	232.6	229.1	225.4	221.8	216.5	211.1	205.4	199.3	192.7	185.9
65°	241.7	238.2	234.9	230.5	226.6	221.9	216.5	210.6	204.5	197.6	190.5
67.5°	247.3	243.5	240.0	235.8	231.3	226.6	221.1	215.4	209.2	202.1	194.7
70°	252.0	248.3	245.2	240.5	235.8	230.8	225.1	219.1	213.2	206.2	198.4
72.5°	256.2	252.7	248.7	244.3	239.5	234.2	228.6	222.5	216.0	209.3	201.5
75°	259.7	256.6	252.3	247.6	243.0	237.3	231.6	225.7	219.4	212.2	204.3
77.5°	262.5	259.4	254.8	250.3	245.0	239.9	234.3	228.2	221.5	214.5	206.9
80°	264.8	261.7	257.4	252.6	247.7	242.1	236.3	230.3	223.4	216.6	208.8
82.5°	266.8	263.1	259.0	254.4	249.5	243.5	237.8	232.0	225.0	218.5	210.4
85°	267.8	264.6	260.4	255.6	250.7	244.7	239.0	232.9	225.7	219.2	211.7
87.5°	268.3	265.2	261.1	256.2	251.4	245.7	240.0	233.5	226.2	219.8	212.2
90°	268.4	265.2	261.1	256.2	251.4	245.7	240.0	233.5	226.2	219.8	211.6
92.5°	268.3	265.2	261.1	256.2	251.4	245.7	240.0	233.5	226.2	219.8	212.2
95°	267.8	264.6	260.4	255.6	250.7	244.7	239.0	232.9	225.7	219.2	211.7
97.5°	266.8	263.1	259.0	254.4	249.5	243.5	237.8	232.0	225.0	218.5	210.4
100°	264.8	261.7	257.4	252.6	247.7	242.1	236.3	230.3	223.4	216.6	208.8
102.5°	262.5	259.4	254.8	250.3	245.0	239.9	234.3	228.2	221.5	214.5	206.9
105°	259.7	256.6	252.3	247.6	243.0	237.3	231.6	225.7	219.4	212.2	204.3
107.5°	256.2	252.7	248.7	244.3	239.5	234.2	228.6	222.5	216.0	209.3	201.5
110°	252.0	248.3	245.2	240.5	235.8	230.8	225.1	219.1	213.2	206.2	198.4



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	247.3	243.5	240.0	235.8	231.3	226.6	221.1	215.4	209.2	202.1	194.7
115°	241.7	238.2	234.9	230.5	226.6	221.9	216.5	210.6	204.5	197.6	190.5
117.5°	236.0	232.6	229.1	225.4	221.8	216.5	211.1	205.4	199.3	192.7	185.9
120°	229.7	226.7	223.3	220.1	215.5	210.6	205.4	200.0	193.9	187.4	180.6
122.5°	222.4	219.8	216.8	213.1	208.9	204.5	199.6	194.1	188.1	181.5	175.1
125°	215.0	212.6	209.4	205.9	202.0	197.7	193.1	187.5	181.8	175.6	169.7
127.5°	207.5	204.7	201.9	198.6	194.7	190.6	185.6	180.5	175.7	169.0	162.7
130°	198.8	196.4	193.9	190.7	187.3	182.6	178.1	173.2	167.6	161.7	156.1
132.5°	190.3	188.1	185.4	182.3	178.5	174.4	170.0	165.2	159.9	154.6	149.0
135°	181.4	179.2	176.5	173.3	169.8	166.0	161.8	157.5	152.4	147.1	141.4
137.5°	172.1	169.8	167.2	164.2	161.4	157.1	153.1	148.8	144.2	138.8	133.7
140°	162.3	160.0	157.7	154.9	151.6	147.9	144.0	139.9	135.5	130.7	126.1
142.5°	151.9	149.7	147.2	145.2	142.0	138.7	134.9	131.0	126.7	122.2	117.5
145°	141.3	139.3	136.9	134.4	131.8	128.7	125.3	121.3	117.1	113.0	108.6
147.5°	130.0	128.1	126.0	123.4	121.0	118.2	114.9	111.2	107.4	103.6	99.6
150°	118.7	117.0	115.2	112.8	110.3	107.6	104.6	101.2	97.7	94.2	90.5
152.5°	107.4	105.8	104.0	101.9	99.5	97.1	94.9	91.3	88.0	84.7	81.4
155°	95.4	94.1	92.4	90.4	88.3	86.0	83.4	80.7	78.1	75.2	72.6
157.5°	83.6	82.2	80.5	78.7	76.8	74.8	72.8	70.6	68.3	65.6	62.9
160°	71.0	69.7	68.6	67.3	65.8	64.2	62.4	60.4	58.2	56.0	53.6
162.5°	59.7	58.6	57.4	56.2	54.9	53.4	51.8	50.1	48.3	46.3	44.2
165°	48.5	47.6	46.6	45.4	44.1	42.8	41.4	39.9	38.3	36.8	35.1
167.5°	36.9	36.2	35.3	34.4	33.4	32.5	31.4	30.3	29.0	27.6	26.2
170°	26.2	25.6	25.1	24.5	23.8	23.1	22.3	21.5	20.7	19.8	18.8
172.5°	17.1	16.7	16.3	15.8	15.3	14.7	14.1	13.6	12.9	12.5	12.1
175°	9.2	9.1	9.0	8.9	8.7	8.5	8.3	8.0	7.8	7.5	7.2
177.5°	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6
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: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.2
5°	6.9	6.5	6.2	6.0	5.8	5.5	5.3	5.1	4.8	4.6	4.3
7.5°	11.7	11.3	10.8	10.3	9.8	9.2	8.6	8.3	8.0	7.7	7.4
10°	17.8	16.8	15.7	15.0	14.3	13.6	12.9	12.1	11.2	10.8	10.5
12.5°	25.0	23.8	22.5	21.2	19.8	18.7	17.8	16.8	15.8	14.7	14.0
15°	33.4	31.5	29.9	28.2	26.6	25.0	23.3	22.0	20.6	19.2	17.7
17.5°	42.3	39.9	37.6	35.3	33.1	31.3	29.4	27.4	25.7	24.1	22.4
20°	51.0	48.3	45.6	43.1	40.4	37.7	35.5	33.3	30.9	29.0	27.0
22.5°	60.0	57.0	53.8	50.5	47.5	44.5	41.5	38.9	36.2	33.6	31.4
25°	68.9	65.6	62.1	58.4	54.7	51.3	48.0	44.7	41.6	38.3	35.8
27.5°	77.8	74.1	70.2	66.2	62.4	58.4	54.5	50.5	46.7	43.2	40.0
30°	86.6	82.6	78.3	73.9	69.4	65.1	60.7	56.2	51.7	47.8	44.1
32.5°	95.4	90.9	86.3	81.5	76.6	71.7	66.8	61.8	56.8	52.5	48.5
35°	104.1	99.2	94.2	89.1	83.8	78.4	72.9	67.5	62.1	57.2	52.9
37.5°	112.4	107.0	101.6	96.3	91.4	85.1	79.0	72.9	67.3	61.9	57.3
40°	120.9	114.8	109.0	103.1	97.4	91.3	84.9	78.6	72.5	66.8	61.6
42.5°	128.5	122.4	116.3	109.9	103.7	97.5	90.6	83.8	77.2	71.0	65.2
45°	135.5	129.1	123.1	116.6	109.9	103.1	95.9	88.6	81.6	74.9	68.6
47.5°	142.9	136.4	129.7	123.2	115.9	108.7	101.1	93.3	86.0	78.8	72.1
50°	149.8	143.2	136.4	128.9	121.4	113.8	106.1	98.1	90.2	82.7	75.5
52.5°	156.2	149.1	142.3	134.9	126.8	118.6	110.8	102.6	94.4	86.5	79.1
55°	162.4	155.0	147.6	140.2	131.9	123.4	115.1	106.9	98.6	90.3	82.5
57.5°	168.1	160.6	153.0	144.8	136.6	128.0	119.3	110.8	102.3	93.5	85.4
60°	173.3	166.0	157.9	149.6	141.0	132.2	123.8	114.6	105.8	96.5	88.2
62.5°	178.3	170.9	162.9	154.3	145.5	136.0	127.6	118.0	108.7	99.2	90.4
65°	182.9	175.1	167.2	158.1	149.0	139.6	130.5	120.8	111.2	101.7	92.6
67.5°	186.9	178.6	170.9	161.6	152.2	142.9	133.3	123.5	113.8	104.5	95.4
70°	190.5	182.3	173.8	165.1	155.2	145.7	136.1	126.0	115.9	106.2	96.7
72.5°	193.4	185.3	177.0	167.8	158.1	148.2	138.3	128.2	117.9	108.0	98.3
75°	196.1	187.8	179.2	170.0	160.3	150.3	140.2	130.1	120.0	109.9	99.9
77.5°	198.5	190.0	181.1	171.7	162.2	152.1	141.8	131.8	121.5	111.0	100.8
80°	200.3	191.9	182.7	173.2	163.6	153.8	143.0	133.3	122.9	111.9	101.6
82.5°	201.7	193.4	184.0	174.5	164.8	155.1	144.3	134.3	123.5	112.6	102.6
85°	202.8	194.1	185.1	175.5	165.7	156.4	145.9	135.4	124.1	113.5	103.0
87.5°	203.5	194.9	185.7	176.0	166.6	156.5	145.6	135.0	124.5	113.5	103.0
90°	203.5	195.4	185.7	176.0	167.0	156.5	145.2	134.6	124.9	113.5	103.0
92.5°	203.5	194.9	185.7	176.0	166.6	156.5	145.6	135.0	124.5	113.5	103.0
95°	202.8	194.1	185.1	175.5	165.7	156.4	145.9	135.4	124.1	113.5	103.0
97.5°	201.7	193.4	184.0	174.5	164.8	155.1	144.3	134.3	123.5	112.6	102.6
100°	200.3	191.9	182.7	173.2	163.6	153.8	143.0	133.3	122.9	111.9	101.6
102.5°	198.5	190.0	181.1	171.7	162.2	152.1	141.8	131.8	121.5	111.0	100.8
105°	196.1	187.8	179.2	170.0	160.3	150.3	140.2	130.1	120.0	109.9	99.9
107.5°	193.4	185.3	177.0	167.8	158.1	148.2	138.3	128.2	117.9	108.0	98.3
110°	190.5	182.3	173.8	165.1	155.2	145.7	136.1	126.0	115.9	106.2	96.7



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	186.9	178.6	170.9	161.6	152.2	142.9	133.3	123.5	113.8	104.5	95.4
115°	182.9	175.1	167.2	158.1	149.0	139.6	130.5	120.8	111.2	101.7	92.6
117.5°	178.3	170.9	162.9	154.3	145.5	136.0	127.6	118.0	108.7	99.2	90.4
120°	173.3	166.0	157.9	149.6	141.0	132.2	123.8	114.6	105.8	96.5	88.2
122.5°	168.1	160.6	153.0	144.8	136.6	128.0	119.3	110.8	102.3	93.5	85.4
125°	162.4	155.0	147.6	140.2	131.9	123.4	115.1	106.9	98.6	90.3	82.5
127.5°	156.2	149.1	142.3	134.9	126.8	118.6	110.8	102.6	94.4	86.5	79.1
130°	149.8	143.2	136.4	128.9	121.4	113.8	106.1	98.1	90.2	82.7	75.5
132.5°	142.9	136.4	129.7	123.2	115.9	108.7	101.1	93.3	86.0	78.8	72.1
135°	135.5	129.1	123.1	116.6	109.9	103.1	95.9	88.6	81.6	74.9	68.6
137.5°	128.5	122.4	116.3	109.9	103.7	97.5	90.6	83.8	77.2	71.0	65.2
140°	120.9	114.8	109.0	103.1	97.4	91.3	84.9	78.6	72.5	66.8	61.6
142.5°	112.4	107.0	101.6	96.3	91.4	85.1	79.0	72.9	67.3	61.9	57.3
145°	104.1	99.2	94.2	89.1	83.8	78.4	72.9	67.5	62.1	57.2	52.9
147.5°	95.4	90.9	86.3	81.5	76.6	71.7	66.8	61.8	56.8	52.5	48.5
150°	86.6	82.6	78.3	73.9	69.4	65.1	60.7	56.2	51.7	47.8	44.1
152.5°	77.8	74.1	70.2	66.2	62.4	58.4	54.5	50.5	46.7	43.2	40.0
155°	68.9	65.6	62.1	58.4	54.7	51.3	48.0	44.7	41.6	38.3	35.8
157.5°	60.0	57.0	53.8	50.5	47.5	44.5	41.5	38.9	36.2	33.6	31.4
160°	51.0	48.3	45.6	43.1	40.4	37.7	35.5	33.3	30.9	29.0	27.0
162.5°	42.3	39.9	37.6	35.3	33.1	31.3	29.4	27.4	25.7	24.1	22.4
165°	33.4	31.5	29.9	28.2	26.6	25.0	23.3	22.0	20.6	19.2	17.7
167.5°	25.0	23.8	22.5	21.2	19.8	18.7	17.8	16.8	15.8	14.7	14.0
170°	17.8	16.8	15.7	15.0	14.3	13.6	12.9	12.1	11.2	10.8	10.5
172.5°	11.7	11.3	10.8	10.3	9.8	9.2	8.6	8.3	8.0	7.7	7.4
175°	6.9	6.5	6.2	6.0	5.8	5.5	5.3	5.1	4.8	4.6	4.3
177.5°	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	2.1	1.9	1.8	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4
5°	4.0	3.8	3.5	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6
7.5°	7.1	6.8	6.4	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9
10°	10.1	9.7	9.3	8.9	8.8	8.6	8.4	8.2	7.9	7.7	7.4
12.5°	13.6	13.1	12.7	12.2	12.0	11.7	11.5	11.2	10.9	10.6	10.2
15°	17.1	16.6	16.0	15.4	15.2	14.9	14.6	14.3	13.9	13.5	13.1
17.5°	21.0	20.2	19.5	18.7	18.4	18.1	17.7	17.4	16.9	16.5	16.0
20°	25.0	24.0	23.0	21.9	21.6	21.3	20.9	20.4	20.0	19.5	19.1
22.5°	29.1	27.7	26.8	25.9	25.3	24.6	24.0	23.5	23.0	22.6	22.3
25°	33.6	31.8	30.5	29.2	28.8	28.4	27.9	27.3	26.7	26.1	25.5
27.5°	37.6	35.3	33.9	32.5	32.1	31.6	31.1	30.5	29.9	29.2	28.4
30°	41.5	38.8	37.3	35.7	35.3	34.8	34.2	33.6	32.9	32.1	31.3
32.5°	45.3	42.4	40.6	39.0	38.5	37.9	37.1	36.3	35.6	34.9	34.1
35°	49.2	46.1	44.0	42.2	41.7	41.0	39.9	39.0	38.3	37.5	36.7
37.5°	53.0	49.4	46.9	45.0	44.5	43.8	42.9	42.1	41.3	40.3	39.3
40°	56.8	52.8	49.9	47.8	47.3	46.6	45.9	45.2	44.2	42.9	41.9
42.5°	60.0	56.0	52.8	50.7	49.8	49.1	48.4	47.7	46.7	45.5	44.4
45°	63.1	59.0	55.8	53.5	52.3	51.5	50.8	50.0	49.2	48.0	46.6
47.5°	66.3	61.8	58.3	56.0	54.7	53.9	53.1	52.3	51.5	50.3	48.8
50°	69.5	64.5	60.8	58.4	57.1	56.3	55.5	54.6	53.8	52.4	50.9
52.5°	72.6	67.3	63.4	60.9	59.5	58.6	57.7	56.7	55.8	54.4	52.9
55°	75.7	70.0	65.9	63.3	61.9	61.0	59.9	58.6	57.7	56.2	55.0
57.5°	78.1	71.9	67.6	64.9	63.8	62.8	61.6	60.6	59.6	58.0	56.9
60°	80.5	73.8	69.3	66.5	65.8	64.5	63.5	62.6	61.4	59.8	58.4
62.5°	82.7	76.0	71.0	68.1	67.0	65.9	65.0	64.0	62.8	61.4	59.8
65°	84.6	78.2	72.7	69.7	68.2	67.4	66.6	65.3	64.2	62.9	61.2
67.5°	86.4	79.4	74.3	71.4	69.8	69.0	68.2	66.8	65.3	63.8	62.2
70°	88.4	81.2	76.0	73.0	71.5	69.9	69.0	68.1	66.7	65.1	63.4
72.5°	89.6	82.2	76.8	73.8	72.3	71.0	70.2	69.0	67.5	66.0	64.4
75°	90.7	83.1	77.8	74.6	73.1	72.2	71.4	69.9	68.3	66.7	65.1
77.5°	91.4	84.0	78.6	75.4	73.8	72.6	71.8	70.6	69.0	67.4	65.8
80°	92.1	85.1	79.5	76.2	74.6	73.0	72.2	71.4	69.8	68.1	66.5
82.5°	92.8	85.5	79.9	76.6	75.0	73.4	72.6	71.4	70.1	68.5	66.9
85°	93.3	86.0	80.3	77.0	75.4	73.8	73.0	71.4	70.5	68.9	67.3
87.5°	93.3	86.0	80.3	77.0	75.4	74.2	73.0	71.8	70.5	68.9	67.3
90°	93.3	86.0	80.3	77.0	75.4	74.6	73.0	72.2	70.5	68.9	67.3
92.5°	93.3	86.0	80.3	77.0	75.4	74.2	73.0	71.8	70.5	68.9	67.3
95°	93.3	86.0	80.3	77.0	75.4	73.8	73.0	71.4	70.5	68.9	67.3
97.5°	92.8	85.5	79.9	76.6	75.0	73.4	72.6	71.4	70.1	68.5	66.9
100°	92.1	85.1	79.5	76.2	74.6	73.0	72.2	71.4	69.8	68.1	66.5
102.5°	91.4	84.0	78.6	75.4	73.8	72.6	71.8	70.6	69.0	67.4	65.8
105°	90.7	83.1	77.8	74.6	73.1	72.2	71.4	69.9	68.3	66.7	65.1
107.5°	89.6	82.2	76.8	73.8	72.3	71.0	70.2	69.0	67.5	66.0	64.4
110°	88.4	81.2	76.0	73.0	71.5	69.9	69.0	68.1	66.7	65.1	63.4



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	86.4	79.4	74.3	71.4	69.8	69.0	68.2	66.8	65.3	63.8	62.2
115°	84.6	78.2	72.7	69.7	68.2	67.4	66.6	65.3	64.2	62.9	61.2
117.5°	82.7	76.0	71.0	68.1	67.0	65.9	65.0	64.0	62.8	61.4	59.8
120°	80.5	73.8	69.3	66.5	65.8	64.5	63.5	62.6	61.4	59.8	58.4
122.5°	78.1	71.9	67.6	64.9	63.8	62.8	61.6	60.6	59.6	58.0	56.9
125°	75.7	70.0	65.9	63.3	61.9	61.0	59.9	58.6	57.7	56.2	55.0
127.5°	72.6	67.3	63.4	60.9	59.5	58.6	57.7	56.7	55.8	54.4	52.9
130°	69.5	64.5	60.8	58.4	57.1	56.3	55.5	54.6	53.8	52.4	50.9
132.5°	66.3	61.8	58.3	56.0	54.7	53.9	53.1	52.3	51.5	50.3	48.8
135°	63.1	59.0	55.8	53.5	52.3	51.5	50.8	50.0	49.2	48.0	46.6
137.5°	60.0	56.0	52.8	50.7	49.8	49.1	48.4	47.7	46.7	45.5	44.4
140°	56.8	52.8	49.9	47.8	47.3	46.6	45.9	45.2	44.2	42.9	41.9
142.5°	53.0	49.4	46.9	45.0	44.5	43.8	42.9	42.1	41.3	40.3	39.3
145°	49.2	46.1	44.0	42.2	41.7	41.0	39.9	39.0	38.3	37.5	36.7
147.5°	45.3	42.4	40.6	39.0	38.5	37.9	37.1	36.3	35.6	34.9	34.1
150°	41.5	38.8	37.3	35.7	35.3	34.8	34.2	33.6	32.9	32.1	31.3
152.5°	37.6	35.3	33.9	32.5	32.1	31.6	31.1	30.5	29.9	29.2	28.4
155°	33.6	31.8	30.5	29.2	28.8	28.4	27.9	27.3	26.7	26.1	25.5
157.5°	29.1	27.7	26.8	25.9	25.3	24.6	24.0	23.5	23.0	22.6	22.3
160°	25.0	24.0	23.0	21.9	21.6	21.3	20.9	20.4	20.0	19.5	19.1
162.5°	21.0	20.2	19.5	18.7	18.4	18.1	17.7	17.4	16.9	16.5	16.0
165°	17.1	16.6	16.0	15.4	15.2	14.9	14.6	14.3	13.9	13.5	13.1
167.5°	13.6	13.1	12.7	12.2	12.0	11.7	11.5	11.2	10.9	10.6	10.2
170°	10.1	9.7	9.3	8.9	8.8	8.6	8.4	8.2	7.9	7.7	7.4
172.5°	7.1	6.8	6.4	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9
175°	4.0	3.8	3.5	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6
177.5°	2.1	1.9	1.8	1.6	1.6	1.6	1.5	1.5	1.5	1.4	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: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9
5°	2.5	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7
7.5°	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	2.9	2.7
10°	7.2	6.9	6.6	6.3	6.0	5.8	5.6	5.3	5.0	4.8	4.5
12.5°	9.8	9.4	9.0	8.7	8.4	8.0	7.6	7.3	6.8	6.3	5.9
15°	12.7	12.2	11.7	11.3	10.8	10.3	9.8	9.3	8.7	8.0	7.4
17.5°	15.6	15.0	14.4	13.9	13.4	12.9	12.3	11.6	10.9	10.2	9.5
20°	18.7	18.2	17.6	16.9	16.3	15.5	14.7	13.8	12.9	11.9	11.1
22.5°	21.9	21.2	20.5	19.7	18.8	17.9	17.0	16.0	15.0	13.9	13.0
25°	24.8	24.0	23.1	22.3	21.3	20.4	19.3	18.2	17.1	16.1	15.1
27.5°	27.6	26.7	25.8	24.9	23.9	22.8	21.7	20.6	19.4	18.1	16.8
30°	30.5	29.6	28.6	27.5	26.3	25.2	24.1	22.9	21.6	20.3	18.9
32.5°	33.2	32.4	31.2	29.8	28.5	27.4	26.3	25.1	23.8	22.5	21.0
35°	35.8	34.8	33.6	32.2	30.9	29.7	28.5	27.2	25.8	24.4	22.8
37.5°	38.4	37.4	36.3	34.7	33.2	32.0	30.7	29.3	27.7	25.9	24.2
40°	40.9	39.9	38.6	36.9	35.6	34.3	33.0	31.3	29.4	27.6	25.9
42.5°	43.4	42.4	40.8	39.3	38.0	36.5	34.9	33.1	31.1	29.3	27.7
45°	45.6	44.4	42.7	41.5	40.1	38.4	36.5	34.6	32.7	30.9	29.4
47.5°	47.7	46.3	44.9	43.7	42.0	40.1	38.3	36.3	34.3	32.3	30.7
50°	49.6	48.3	46.9	45.4	43.7	42.0	40.0	38.0	35.9	34.0	32.3
52.5°	51.6	50.4	48.7	47.0	45.2	43.4	41.5	39.6	37.6	35.6	33.5
55°	53.6	52.1	50.4	48.6	46.8	44.9	43.0	41.1	38.7	36.7	34.7
57.5°	55.4	53.7	52.1	50.3	48.4	46.1	44.2	42.2	39.7	37.7	35.5
60°	56.7	55.1	53.4	51.7	49.7	47.3	45.4	43.4	41.1	38.7	36.6
62.5°	58.1	56.5	54.7	53.0	50.8	48.6	46.6	44.5	42.1	39.5	37.3
65°	59.6	57.8	55.7	54.0	51.9	49.8	47.5	45.3	43.1	40.5	38.2
67.5°	60.6	58.9	56.8	54.9	53.1	50.8	48.3	46.3	44.0	41.4	38.8
70°	61.7	59.8	58.0	56.1	53.7	51.4	49.3	47.2	44.7	42.1	39.5
72.5°	62.7	60.6	58.6	56.6	54.5	52.4	50.1	47.6	45.1	42.7	40.1
75°	63.4	61.2	59.3	57.2	54.9	52.9	50.6	48.1	45.5	43.1	40.4
77.5°	63.9	61.8	59.9	57.7	55.3	53.3	51.2	48.6	45.8	43.1	40.5
80°	64.3	62.4	60.2	58.3	56.0	53.7	51.3	48.9	45.9	43.2	40.7
82.5°	64.6	62.9	60.5	58.6	56.3	53.8	51.4	49.1	46.0	43.4	40.9
85°	64.9	63.3	60.8	58.5	56.1	53.6	51.2	48.9	46.2	43.7	40.8
87.5°	64.9	63.3	60.8	58.8	56.4	53.9	51.4	48.7	46.2	43.8	40.6
90°	64.9	63.3	60.8	59.2	56.8	54.3	51.9	48.7	46.2	43.8	40.5
92.5°	64.9	63.3	60.8	58.8	56.4	53.9	51.4	48.7	46.2	43.8	40.6
95°	64.9	63.3	60.8	58.5	56.1	53.6	51.2	48.9	46.2	43.7	40.8
97.5°	64.6	62.9	60.5	58.6	56.3	53.8	51.4	49.1	46.0	43.4	40.9
100°	64.3	62.4	60.2	58.3	56.0	53.7	51.3	48.9	45.9	43.2	40.7
102.5°	63.9	61.8	59.9	57.7	55.3	53.3	51.2	48.6	45.8	43.1	40.5
105°	63.4	61.2	59.3	57.2	54.9	52.9	50.6	48.1	45.5	43.1	40.4
107.5°	62.7	60.6	58.6	56.6	54.5	52.4	50.1	47.6	45.1	42.7	40.1
110°	61.7	59.8	58.0	56.1	53.7	51.4	49.3	47.2	44.7	42.1	39.5



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	60.6	58.9	56.8	54.9	53.1	50.8	48.3	46.3	44.0	41.4	38.8
115°	59.6	57.8	55.7	54.0	51.9	49.8	47.5	45.3	43.1	40.5	38.2
117.5°	58.1	56.5	54.7	53.0	50.8	48.6	46.6	44.5	42.1	39.5	37.3
120°	56.7	55.1	53.4	51.7	49.7	47.3	45.4	43.4	41.1	38.7	36.6
122.5°	55.4	53.7	52.1	50.3	48.4	46.1	44.2	42.2	39.7	37.7	35.5
125°	53.6	52.1	50.4	48.6	46.8	44.9	43.0	41.1	38.7	36.7	34.7
127.5°	51.6	50.4	48.7	47.0	45.2	43.4	41.5	39.6	37.6	35.6	33.5
130°	49.6	48.3	46.9	45.4	43.7	42.0	40.0	38.0	35.9	34.0	32.3
132.5°	47.7	46.3	44.9	43.7	42.0	40.1	38.3	36.3	34.3	32.3	30.7
135°	45.6	44.4	42.7	41.5	40.1	38.4	36.5	34.6	32.7	30.9	29.4
137.5°	43.4	42.4	40.8	39.3	38.0	36.5	34.9	33.1	31.1	29.3	27.7
140°	40.9	39.9	38.6	36.9	35.6	34.3	33.0	31.3	29.4	27.6	25.9
142.5°	38.4	37.4	36.3	34.7	33.2	32.0	30.7	29.3	27.7	25.9	24.2
145°	35.8	34.8	33.6	32.2	30.9	29.7	28.5	27.2	25.8	24.4	22.8
147.5°	33.2	32.4	31.2	29.8	28.5	27.4	26.3	25.1	23.8	22.5	21.0
150°	30.5	29.6	28.6	27.5	26.3	25.2	24.1	22.9	21.6	20.3	18.9
152.5°	27.6	26.7	25.8	24.9	23.9	22.8	21.7	20.6	19.4	18.1	16.8
155°	24.8	24.0	23.1	22.3	21.3	20.4	19.3	18.2	17.1	16.1	15.1
157.5°	21.9	21.2	20.5	19.7	18.8	17.9	17.0	16.0	15.0	13.9	13.0
160°	18.7	18.2	17.6	16.9	16.3	15.5	14.7	13.8	12.9	11.9	11.1
162.5°	15.6	15.0	14.4	13.9	13.4	12.9	12.3	11.6	10.9	10.2	9.5
165°	12.7	12.2	11.7	11.3	10.8	10.3	9.8	9.3	8.7	8.0	7.4
167.5°	9.8	9.4	9.0	8.7	8.4	8.0	7.6	7.3	6.8	6.3	5.9
170°	7.2	6.9	6.6	6.3	6.0	5.8	5.6	5.3	5.0	4.8	4.5
172.5°	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	2.9	2.7
175°	2.5	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7
177.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
5°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
7.5°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
10°	4.2	3.8	3.5	3.1	2.8	2.4	2.2	2.0	1.9	1.7	1.5
12.5°	5.5	5.0	4.6	4.2	3.8	3.3	2.8	2.3	1.9	1.6	1.4
15°	6.8	6.3	5.8	5.3	4.7	4.2	3.6	3.0	2.4	1.8	1.5
17.5°	8.8	8.1	7.4	6.8	6.1	5.5	4.7	4.0	3.3	2.6	2.0
20°	10.3	9.6	8.8	8.0	7.1	6.1	5.3	4.7	4.0	3.3	2.6
22.5°	12.2	11.3	10.4	9.3	8.4	7.4	6.5	5.5	4.7	3.9	3.1
25°	14.0	12.8	11.6	10.5	9.6	8.5	7.4	6.2	5.0	4.2	3.4
27.5°	15.5	14.5	13.4	12.4	11.1	9.7	8.5	7.3	6.1	4.9	4.0
30°	17.7	16.6	15.2	13.8	12.3	10.7	9.2	8.0	6.9	5.7	4.5
32.5°	19.4	17.8	16.5	15.0	13.5	11.9	10.4	8.9	7.7	6.3	4.9
35°	21.4	19.5	17.8	16.2	14.7	13.2	11.6	9.9	8.3	6.8	5.4
37.5°	22.6	20.8	19.1	17.5	15.8	14.2	12.5	10.7	8.9	7.1	5.6
40°	24.3	22.6	20.7	18.8	17.0	15.2	13.4	11.5	9.6	7.6	5.9
42.5°	26.1	24.0	21.9	20.1	18.3	16.4	14.4	12.4	10.4	8.5	6.8
45°	27.4	25.2	23.3	21.5	19.3	17.3	15.1	12.7	10.9	9.1	7.1
47.5°	28.7	26.3	24.3	22.2	20.0	17.8	15.7	13.8	11.4	9.6	7.5
50°	30.1	27.7	25.3	23.3	21.1	18.8	16.7	14.2	11.9	10.0	8.1
52.5°	31.3	29.2	26.8	24.5	22.2	19.8	17.2	15.0	12.7	10.5	8.5
55°	32.1	30.0	27.7	25.0	22.7	20.5	18.1	15.9	13.4	11.0	8.5
57.5°	33.1	30.8	28.5	25.8	23.4	21.1	18.7	16.2	13.7	11.1	8.7
60°	34.1	31.8	29.3	26.5	24.2	21.7	19.2	16.6	14.0	11.3	8.9
62.5°	34.9	32.6	29.9	27.2	24.7	22.0	19.4	16.7	14.4	11.4	8.7
65°	35.6	33.0	30.3	27.6	24.8	22.6	20.0	17.1	14.1	11.4	8.8
67.5°	36.2	33.5	30.7	28.0	25.3	23.0	20.2	17.1	14.2	11.7	8.9
70°	36.7	34.0	31.3	28.5	25.6	22.9	20.3	17.4	14.3	11.3	8.8
72.5°	36.9	34.3	31.7	29.1	26.0	22.9	20.2	17.4	14.7	11.4	8.4
75°	37.2	34.6	32.0	29.4	26.0	23.2	20.5	17.6	14.5	11.5	8.3
77.5°	37.6	35.0	32.2	29.3	26.4	23.6	20.2	17.6	14.5	11.1	8.3
80°	37.8	35.0	32.1	29.2	26.4	23.1	20.1	17.1	14.2	11.2	8.1
82.5°	37.8	35.2	32.1	29.2	26.2	23.0	20.2	17.2	14.2	11.2	8.0
85°	38.0	35.2	32.0	29.0	26.3	23.2	20.0	16.8	13.7	10.6	7.8
87.5°	38.2	35.0	31.7	29.3	26.0	22.8	19.6	16.4	13.2	10.6	7.5
90°	38.1	34.9	31.6	29.2	25.9	22.7	19.5	16.2	13.0	10.5	7.3
92.5°	38.2	35.0	31.7	29.3	26.0	22.8	19.6	16.4	13.2	10.6	7.5
95°	38.0	35.2	32.0	29.0	26.3	23.2	20.0	16.8	13.7	10.6	7.8
97.5°	37.8	35.2	32.1	29.2	26.2	23.0	20.2	17.2	14.2	11.2	8.0
100°	37.8	35.0	32.1	29.2	26.4	23.1	20.1	17.1	14.2	11.2	8.1
102.5°	37.6	35.0	32.2	29.3	26.4	23.6	20.2	17.6	14.5	11.1	8.3
105°	37.2	34.6	32.0	29.4	26.0	23.2	20.5	17.6	14.5	11.5	8.3
107.5°	36.9	34.3	31.7	29.1	26.0	22.9	20.2	17.4	14.7	11.4	8.4
110°	36.7	34.0	31.3	28.5	25.6	22.9	20.3	17.4	14.3	11.3	8.8



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	36.2	33.5	30.7	28.0	25.3	23.0	20.2	17.1	14.2	11.7	8.9
115°	35.6	33.0	30.3	27.6	24.8	22.6	20.0	17.1	14.1	11.4	8.8
117.5°	34.9	32.6	29.9	27.2	24.7	22.0	19.4	16.7	14.4	11.4	8.7
120°	34.1	31.8	29.3	26.5	24.2	21.7	19.2	16.6	14.0	11.3	8.9
122.5°	33.1	30.8	28.5	25.8	23.4	21.1	18.7	16.2	13.7	11.1	8.7
125°	32.1	30.0	27.7	25.0	22.7	20.5	18.1	15.9	13.4	11.0	8.5
127.5°	31.3	29.2	26.8	24.5	22.2	19.8	17.2	15.0	12.7	10.5	8.5
130°	30.1	27.7	25.3	23.3	21.1	18.8	16.7	14.2	11.9	10.0	8.1
132.5°	28.7	26.3	24.3	22.2	20.0	17.8	15.7	13.8	11.4	9.6	7.5
135°	27.4	25.2	23.3	21.5	19.3	17.3	15.1	12.7	10.9	9.1	7.1
137.5°	26.1	24.0	21.9	20.1	18.3	16.4	14.4	12.4	10.4	8.5	6.8
140°	24.3	22.6	20.7	18.8	17.0	15.2	13.4	11.5	9.6	7.6	5.9
142.5°	22.6	20.8	19.1	17.5	15.8	14.2	12.5	10.7	8.9	7.1	5.6
145°	21.4	19.5	17.8	16.2	14.7	13.2	11.6	9.9	8.3	6.8	5.4
147.5°	19.4	17.8	16.5	15.0	13.5	11.9	10.4	8.9	7.7	6.3	4.9
150°	17.7	16.6	15.2	13.8	12.3	10.7	9.2	8.0	6.9	5.7	4.5
152.5°	15.5	14.5	13.4	12.4	11.1	9.7	8.5	7.3	6.1	4.9	4.0
155°	14.0	12.8	11.6	10.5	9.6	8.5	7.4	6.2	5.0	4.2	3.4
157.5°	12.2	11.3	10.4	9.3	8.4	7.4	6.5	5.5	4.7	3.9	3.1
160°	10.3	9.6	8.8	8.0	7.1	6.1	5.3	4.7	4.0	3.3	2.6
162.5°	8.8	8.1	7.4	6.8	6.1	5.5	4.7	4.0	3.3	2.6	2.0
165°	6.8	6.3	5.8	5.3	4.7	4.2	3.6	3.0	2.4	1.8	1.5
167.5°	5.5	5.0	4.6	4.2	3.8	3.3	2.8	2.3	1.9	1.6	1.4
170°	4.2	3.8	3.5	3.1	2.8	2.4	2.2	2.0	1.9	1.7	1.5
172.5°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
175°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
177.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	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: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	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
7.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
10°	1.3	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
12.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
15°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
17.5°	1.5	1.2	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
20°	1.9	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
22.5°	2.4	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
25°	2.5	1.6	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
27.5°	3.0	2.0	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
30°	3.4	2.3	1.3	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.3
32.5°	3.7	2.7	1.7	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.7
35°	3.9	2.8	1.8	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.8
37.5°	4.1	2.9	2.0	1.1	0.6	0.3	0.0	0.3	0.6	1.1	2.0
40°	4.5	3.0	2.0	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.0
42.5°	5.0	3.3	2.1	1.4	0.7	0.4	0.0	0.4	0.7	1.4	2.1
45°	5.2	3.7	2.4	1.6	0.8	0.4	0.0	0.4	0.8	1.6	2.4
47.5°	5.5	3.9	2.3	1.4	0.9	0.4	0.0	0.4	0.9	1.4	2.3
50°	6.2	4.3	2.6	1.3	0.4	0.0	0.0	0.0	0.4	1.3	2.6
52.5°	6.4	4.3	2.5	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.5
55°	6.0	4.1	2.4	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.4
57.5°	6.4	4.2	2.5	1.3	0.4	0.0	0.0	0.0	0.4	1.3	2.5
60°	6.6	4.4	2.6	1.4	0.6	0.0	0.0	0.0	0.6	1.4	2.6
62.5°	6.6	4.1	2.4	1.0	0.7	0.0	0.0	0.0	0.7	1.0	2.4
65°	6.3	4.2	2.3	0.9	0.8	0.1	0.0	0.1	0.8	0.9	2.3
67.5°	6.4	4.3	2.3	1.2	0.4	0.0	0.0	0.0	0.4	1.2	2.3
70°	6.5	4.1	2.4	1.2	0.6	0.0	0.0	0.0	0.6	1.2	2.4
72.5°	6.0	4.0	2.2	0.8	0.3	0.0	0.0	0.0	0.3	0.8	2.2
75°	5.7	3.5	1.8	0.9	0.2	0.0	0.0	0.0	0.2	0.9	1.8
77.5°	5.8	3.2	1.6	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.6
80°	5.4	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	4.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.4	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	5.8	3.2	1.6	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.6
105°	5.7	3.5	1.8	0.9	0.2	0.0	0.0	0.0	0.2	0.9	1.8
107.5°	6.0	4.0	2.2	0.8	0.3	0.0	0.0	0.0	0.3	0.8	2.2
110°	6.5	4.1	2.4	1.2	0.6	0.0	0.0	0.0	0.6	1.2	2.4



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	6.4	4.3	2.3	1.2	0.4	0.0	0.0	0.0	0.4	1.2	2.3
115°	6.3	4.2	2.3	0.9	0.8	0.1	0.0	0.1	0.8	0.9	2.3
117.5°	6.6	4.1	2.4	1.0	0.7	0.0	0.0	0.0	0.7	1.0	2.4
120°	6.6	4.4	2.6	1.4	0.6	0.0	0.0	0.0	0.6	1.4	2.6
122.5°	6.4	4.2	2.5	1.3	0.4	0.0	0.0	0.0	0.4	1.3	2.5
125°	6.0	4.1	2.4	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.4
127.5°	6.4	4.3	2.5	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.5
130°	6.2	4.3	2.6	1.3	0.4	0.0	0.0	0.0	0.4	1.3	2.6
132.5°	5.5	3.9	2.3	1.4	0.9	0.4	0.0	0.4	0.9	1.4	2.3
135°	5.2	3.7	2.4	1.6	0.8	0.4	0.0	0.4	0.8	1.6	2.4
137.5°	5.0	3.3	2.1	1.4	0.7	0.4	0.0	0.4	0.7	1.4	2.1
140°	4.5	3.0	2.0	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.0
142.5°	4.1	2.9	2.0	1.1	0.6	0.3	0.0	0.3	0.6	1.1	2.0
145°	3.9	2.8	1.8	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.8
147.5°	3.7	2.7	1.7	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.7
150°	3.4	2.3	1.3	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.3
152.5°	3.0	2.0	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
155°	2.5	1.6	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
157.5°	2.4	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
160°	1.9	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
162.5°	1.5	1.2	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
165°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
167.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
170°	1.3	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
172.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
175°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
177.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.2
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: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8
5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
7.5°	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.2
10°	1.0	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.8	3.1	3.5
12.5°	0.9	1.1	1.4	1.6	1.9	2.3	2.8	3.3	3.8	4.2	4.6
15°	1.1	1.3	1.5	1.8	2.4	3.0	3.6	4.2	4.7	5.3	5.8
17.5°	1.2	1.5	2.0	2.6	3.3	4.0	4.7	5.5	6.1	6.8	7.4
20°	1.4	1.9	2.6	3.3	4.0	4.7	5.3	6.1	7.1	8.0	8.8
22.5°	1.7	2.4	3.1	3.9	4.7	5.5	6.5	7.4	8.4	9.3	10.4
25°	1.6	2.5	3.4	4.2	5.0	6.2	7.4	8.5	9.6	10.5	11.6
27.5°	2.0	3.0	4.0	4.9	6.1	7.3	8.5	9.7	11.1	12.4	13.4
30°	2.3	3.4	4.5	5.7	6.9	8.0	9.2	10.7	12.3	13.8	15.2
32.5°	2.7	3.7	4.9	6.3	7.7	8.9	10.4	11.9	13.5	15.0	16.5
35°	2.8	3.9	5.4	6.8	8.3	9.9	11.6	13.2	14.7	16.2	17.8
37.5°	2.9	4.1	5.6	7.1	8.9	10.7	12.5	14.2	15.8	17.5	19.1
40°	3.0	4.5	5.9	7.6	9.6	11.5	13.4	15.2	17.0	18.8	20.7
42.5°	3.3	5.0	6.8	8.5	10.4	12.4	14.4	16.4	18.3	20.1	21.9
45°	3.7	5.2	7.1	9.1	10.9	12.7	15.1	17.3	19.3	21.5	23.3
47.5°	3.9	5.5	7.5	9.6	11.4	13.8	15.7	17.8	20.0	22.2	24.3
50°	4.3	6.2	8.1	10.0	11.9	14.2	16.7	18.8	21.1	23.3	25.3
52.5°	4.3	6.4	8.5	10.5	12.7	15.0	17.2	19.8	22.2	24.5	26.8
55°	4.1	6.0	8.5	11.0	13.4	15.9	18.1	20.5	22.7	25.0	27.7
57.5°	4.2	6.4	8.7	11.1	13.7	16.2	18.7	21.1	23.4	25.8	28.5
60°	4.4	6.6	8.9	11.3	14.0	16.6	19.2	21.7	24.2	26.5	29.3
62.5°	4.1	6.6	8.7	11.4	14.4	16.7	19.4	22.0	24.7	27.2	29.9
65°	4.2	6.3	8.8	11.4	14.1	17.1	20.0	22.6	24.8	27.6	30.3
67.5°	4.3	6.4	8.9	11.7	14.2	17.1	20.2	23.0	25.3	28.0	30.7
70°	4.1	6.5	8.8	11.3	14.3	17.4	20.3	22.9	25.6	28.5	31.3
72.5°	4.0	6.0	8.4	11.4	14.7	17.4	20.2	22.9	26.0	29.1	31.7
75°	3.5	5.7	8.3	11.5	14.5	17.6	20.5	23.2	26.0	29.4	32.0
77.5°	3.2	5.8	8.3	11.1	14.5	17.6	20.2	23.6	26.4	29.3	32.2
80°	3.1	5.4	8.1	11.2	14.2	17.1	20.1	23.1	26.4	29.2	32.1
82.5°	2.4	4.7	8.0	11.2	14.2	17.2	20.2	23.0	26.2	29.2	32.1
85°	1.3	4.9	7.8	10.6	13.7	16.8	20.0	23.2	26.3	29.0	32.0
87.5°	0.4	4.4	7.5	10.6	13.2	16.4	19.6	22.8	26.0	29.3	31.7
90°	0.0	4.1	7.3	10.5	13.0	16.2	19.5	22.7	25.9	29.2	31.6
92.5°	0.4	4.4	7.5	10.6	13.2	16.4	19.6	22.8	26.0	29.3	31.7
95°	1.3	4.9	7.8	10.6	13.7	16.8	20.0	23.2	26.3	29.0	32.0
97.5°	2.4	4.7	8.0	11.2	14.2	17.2	20.2	23.0	26.2	29.2	32.1
100°	3.1	5.4	8.1	11.2	14.2	17.1	20.1	23.1	26.4	29.2	32.1
102.5°	3.2	5.8	8.3	11.1	14.5	17.6	20.2	23.6	26.4	29.3	32.2
105°	3.5	5.7	8.3	11.5	14.5	17.6	20.5	23.2	26.0	29.4	32.0
107.5°	4.0	6.0	8.4	11.4	14.7	17.4	20.2	22.9	26.0	29.1	31.7
110°	4.1	6.5	8.8	11.3	14.3	17.4	20.3	22.9	25.6	28.5	31.3



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	4.3	6.4	8.9	11.7	14.2	17.1	20.2	23.0	25.3	28.0	30.7
115°	4.2	6.3	8.8	11.4	14.1	17.1	20.0	22.6	24.8	27.6	30.3
117.5°	4.1	6.6	8.7	11.4	14.4	16.7	19.4	22.0	24.7	27.2	29.9
120°	4.4	6.6	8.9	11.3	14.0	16.6	19.2	21.7	24.2	26.5	29.3
122.5°	4.2	6.4	8.7	11.1	13.7	16.2	18.7	21.1	23.4	25.8	28.5
125°	4.1	6.0	8.5	11.0	13.4	15.9	18.1	20.5	22.7	25.0	27.7
127.5°	4.3	6.4	8.5	10.5	12.7	15.0	17.2	19.8	22.2	24.5	26.8
130°	4.3	6.2	8.1	10.0	11.9	14.2	16.7	18.8	21.1	23.3	25.3
132.5°	3.9	5.5	7.5	9.6	11.4	13.8	15.7	17.8	20.0	22.2	24.3
135°	3.7	5.2	7.1	9.1	10.9	12.7	15.1	17.3	19.3	21.5	23.3
137.5°	3.3	5.0	6.8	8.5	10.4	12.4	14.4	16.4	18.3	20.1	21.9
140°	3.0	4.5	5.9	7.6	9.6	11.5	13.4	15.2	17.0	18.8	20.7
142.5°	2.9	4.1	5.6	7.1	8.9	10.7	12.5	14.2	15.8	17.5	19.1
145°	2.8	3.9	5.4	6.8	8.3	9.9	11.6	13.2	14.7	16.2	17.8
147.5°	2.7	3.7	4.9	6.3	7.7	8.9	10.4	11.9	13.5	15.0	16.5
150°	2.3	3.4	4.5	5.7	6.9	8.0	9.2	10.7	12.3	13.8	15.2
152.5°	2.0	3.0	4.0	4.9	6.1	7.3	8.5	9.7	11.1	12.4	13.4
155°	1.6	2.5	3.4	4.2	5.0	6.2	7.4	8.5	9.6	10.5	11.6
157.5°	1.7	2.4	3.1	3.9	4.7	5.5	6.5	7.4	8.4	9.3	10.4
160°	1.4	1.9	2.6	3.3	4.0	4.7	5.3	6.1	7.1	8.0	8.8
162.5°	1.2	1.5	2.0	2.6	3.3	4.0	4.7	5.5	6.1	6.8	7.4
165°	1.1	1.3	1.5	1.8	2.4	3.0	3.6	4.2	4.7	5.3	5.8
167.5°	0.9	1.1	1.4	1.6	1.9	2.3	2.8	3.3	3.8	4.2	4.6
170°	1.0	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.8	3.1	3.5
172.5°	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.2
175°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
177.5°	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3
5°	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.3
7.5°	2.3	2.4	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.4
10°	3.8	4.2	4.5	4.8	5.0	5.3	5.6	5.8	6.0	6.3	6.6
12.5°	5.0	5.5	5.9	6.3	6.8	7.3	7.6	8.0	8.4	8.7	9.0
15°	6.3	6.8	7.4	8.0	8.7	9.3	9.8	10.3	10.8	11.3	11.7
17.5°	8.1	8.8	9.5	10.2	10.9	11.6	12.3	12.9	13.4	13.9	14.4
20°	9.6	10.3	11.1	11.9	12.9	13.8	14.7	15.5	16.3	16.9	17.6
22.5°	11.3	12.2	13.0	13.9	15.0	16.0	17.0	17.9	18.8	19.7	20.5
25°	12.8	14.0	15.1	16.1	17.1	18.2	19.3	20.4	21.3	22.3	23.1
27.5°	14.5	15.5	16.8	18.1	19.4	20.6	21.7	22.8	23.9	24.9	25.8
30°	16.6	17.7	18.9	20.3	21.6	22.9	24.1	25.2	26.3	27.5	28.6
32.5°	17.8	19.4	21.0	22.5	23.8	25.1	26.3	27.4	28.5	29.8	31.2
35°	19.5	21.4	22.8	24.4	25.8	27.2	28.5	29.7	30.9	32.2	33.6
37.5°	20.8	22.6	24.2	25.9	27.7	29.3	30.7	32.0	33.2	34.7	36.3
40°	22.6	24.3	25.9	27.6	29.4	31.3	33.0	34.3	35.6	36.9	38.6
42.5°	24.0	26.1	27.7	29.3	31.1	33.1	34.9	36.5	38.0	39.3	40.8
45°	25.2	27.4	29.4	30.9	32.7	34.6	36.5	38.4	40.1	41.5	42.7
47.5°	26.3	28.7	30.7	32.3	34.3	36.3	38.3	40.1	42.0	43.7	44.9
50°	27.7	30.1	32.3	34.0	35.9	38.0	40.0	42.0	43.7	45.4	46.9
52.5°	29.2	31.3	33.5	35.6	37.6	39.6	41.5	43.4	45.2	47.0	48.7
55°	30.0	32.1	34.7	36.7	38.7	41.1	43.0	44.9	46.8	48.6	50.4
57.5°	30.8	33.1	35.5	37.7	39.7	42.2	44.2	46.1	48.4	50.3	52.1
60°	31.8	34.1	36.6	38.7	41.1	43.4	45.4	47.3	49.7	51.7	53.4
62.5°	32.6	34.9	37.3	39.5	42.1	44.5	46.6	48.6	50.8	53.0	54.7
65°	33.0	35.6	38.2	40.5	43.1	45.3	47.5	49.8	51.9	54.0	55.7
67.5°	33.5	36.2	38.8	41.4	44.0	46.3	48.3	50.8	53.1	54.9	56.8
70°	34.0	36.7	39.5	42.1	44.7	47.2	49.3	51.4	53.7	56.1	58.0
72.5°	34.3	36.9	40.1	42.7	45.1	47.6	50.1	52.4	54.5	56.6	58.6
75°	34.6	37.2	40.4	43.1	45.5	48.1	50.6	52.9	54.9	57.2	59.3
77.5°	35.0	37.6	40.5	43.1	45.8	48.6	51.2	53.3	55.3	57.7	59.9
80°	35.0	37.8	40.7	43.2	45.9	48.9	51.3	53.7	56.0	58.3	60.2
82.5°	35.2	37.8	40.9	43.4	46.0	49.1	51.4	53.8	56.3	58.6	60.5
85°	35.2	38.0	40.8	43.7	46.2	48.9	51.2	53.6	56.1	58.5	60.8
87.5°	35.0	38.2	40.6	43.8	46.2	48.7	51.4	53.9	56.4	58.8	60.8
90°	34.9	38.1	40.5	43.8	46.2	48.7	51.9	54.3	56.8	59.2	60.8
92.5°	35.0	38.2	40.6	43.8	46.2	48.7	51.4	53.9	56.4	58.8	60.8
95°	35.2	38.0	40.8	43.7	46.2	48.9	51.2	53.6	56.1	58.5	60.8
97.5°	35.2	37.8	40.9	43.4	46.0	49.1	51.4	53.8	56.3	58.6	60.5
100°	35.0	37.8	40.7	43.2	45.9	48.9	51.3	53.7	56.0	58.3	60.2
102.5°	35.0	37.6	40.5	43.1	45.8	48.6	51.2	53.3	55.3	57.7	59.9
105°	34.6	37.2	40.4	43.1	45.5	48.1	50.6	52.9	54.9	57.2	59.3
107.5°	34.3	36.9	40.1	42.7	45.1	47.6	50.1	52.4	54.5	56.6	58.6
110°	34.0	36.7	39.5	42.1	44.7	47.2	49.3	51.4	53.7	56.1	58.0



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	33.5	36.2	38.8	41.4	44.0	46.3	48.3	50.8	53.1	54.9	56.8
115°	33.0	35.6	38.2	40.5	43.1	45.3	47.5	49.8	51.9	54.0	55.7
117.5°	32.6	34.9	37.3	39.5	42.1	44.5	46.6	48.6	50.8	53.0	54.7
120°	31.8	34.1	36.6	38.7	41.1	43.4	45.4	47.3	49.7	51.7	53.4
122.5°	30.8	33.1	35.5	37.7	39.7	42.2	44.2	46.1	48.4	50.3	52.1
125°	30.0	32.1	34.7	36.7	38.7	41.1	43.0	44.9	46.8	48.6	50.4
127.5°	29.2	31.3	33.5	35.6	37.6	39.6	41.5	43.4	45.2	47.0	48.7
130°	27.7	30.1	32.3	34.0	35.9	38.0	40.0	42.0	43.7	45.4	46.9
132.5°	26.3	28.7	30.7	32.3	34.3	36.3	38.3	40.1	42.0	43.7	44.9
135°	25.2	27.4	29.4	30.9	32.7	34.6	36.5	38.4	40.1	41.5	42.7
137.5°	24.0	26.1	27.7	29.3	31.1	33.1	34.9	36.5	38.0	39.3	40.8
140°	22.6	24.3	25.9	27.6	29.4	31.3	33.0	34.3	35.6	36.9	38.6
142.5°	20.8	22.6	24.2	25.9	27.7	29.3	30.7	32.0	33.2	34.7	36.3
145°	19.5	21.4	22.8	24.4	25.8	27.2	28.5	29.7	30.9	32.2	33.6
147.5°	17.8	19.4	21.0	22.5	23.8	25.1	26.3	27.4	28.5	29.8	31.2
150°	16.6	17.7	18.9	20.3	21.6	22.9	24.1	25.2	26.3	27.5	28.6
152.5°	14.5	15.5	16.8	18.1	19.4	20.6	21.7	22.8	23.9	24.9	25.8
155°	12.8	14.0	15.1	16.1	17.1	18.2	19.3	20.4	21.3	22.3	23.1
157.5°	11.3	12.2	13.0	13.9	15.0	16.0	17.0	17.9	18.8	19.7	20.5
160°	9.6	10.3	11.1	11.9	12.9	13.8	14.7	15.5	16.3	16.9	17.6
162.5°	8.1	8.8	9.5	10.2	10.9	11.6	12.3	12.9	13.4	13.9	14.4
165°	6.3	6.8	7.4	8.0	8.7	9.3	9.8	10.3	10.8	11.3	11.7
167.5°	5.0	5.5	5.9	6.3	6.8	7.3	7.6	8.0	8.4	8.7	9.0
170°	3.8	4.2	4.5	4.8	5.0	5.3	5.6	5.8	6.0	6.3	6.6
172.5°	2.3	2.4	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.4
175°	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.3
177.5°	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.8
5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.5
7.5°	4.6	4.7	4.9	5.1	5.3	5.5	5.7	5.8	5.9	6.1	6.4
10°	6.9	7.2	7.4	7.7	7.9	8.2	8.4	8.6	8.8	8.9	9.3
12.5°	9.4	9.8	10.2	10.6	10.9	11.2	11.5	11.7	12.0	12.2	12.7
15°	12.2	12.7	13.1	13.5	13.9	14.3	14.6	14.9	15.2	15.4	16.0
17.5°	15.0	15.6	16.0	16.5	16.9	17.4	17.7	18.1	18.4	18.7	19.5
20°	18.2	18.7	19.1	19.5	20.0	20.4	20.9	21.3	21.6	21.9	23.0
22.5°	21.2	21.9	22.3	22.6	23.0	23.5	24.0	24.6	25.3	25.9	26.8
25°	24.0	24.8	25.5	26.1	26.7	27.3	27.9	28.4	28.8	29.2	30.5
27.5°	26.7	27.6	28.4	29.2	29.9	30.5	31.1	31.6	32.1	32.5	33.9
30°	29.6	30.5	31.3	32.1	32.9	33.6	34.2	34.8	35.3	35.7	37.3
32.5°	32.4	33.2	34.1	34.9	35.6	36.3	37.1	37.9	38.5	39.0	40.6
35°	34.8	35.8	36.7	37.5	38.3	39.0	39.9	41.0	41.7	42.2	44.0
37.5°	37.4	38.4	39.3	40.3	41.3	42.1	42.9	43.8	44.5	45.0	46.9
40°	39.9	40.9	41.9	42.9	44.2	45.2	45.9	46.6	47.3	47.8	49.9
42.5°	42.4	43.4	44.4	45.5	46.7	47.7	48.4	49.1	49.8	50.7	52.8
45°	44.4	45.6	46.6	48.0	49.2	50.0	50.8	51.5	52.3	53.5	55.8
47.5°	46.3	47.7	48.8	50.3	51.5	52.3	53.1	53.9	54.7	56.0	58.3
50°	48.3	49.6	50.9	52.4	53.8	54.6	55.5	56.3	57.1	58.4	60.8
52.5°	50.4	51.6	52.9	54.4	55.8	56.7	57.7	58.6	59.5	60.9	63.4
55°	52.1	53.6	55.0	56.2	57.7	58.6	59.9	61.0	61.9	63.3	65.9
57.5°	53.7	55.4	56.9	58.0	59.6	60.6	61.6	62.8	63.8	64.9	67.6
60°	55.1	56.7	58.4	59.8	61.4	62.6	63.5	64.5	65.8	66.5	69.3
62.5°	56.5	58.1	59.8	61.4	62.8	64.0	65.0	65.9	67.0	68.1	71.0
65°	57.8	59.6	61.2	62.9	64.2	65.3	66.6	67.4	68.2	69.7	72.7
67.5°	58.9	60.6	62.2	63.8	65.3	66.8	68.2	69.0	69.8	71.4	74.3
70°	59.8	61.7	63.4	65.1	66.7	68.1	69.0	69.9	71.5	73.0	76.0
72.5°	60.6	62.7	64.4	66.0	67.5	69.0	70.2	71.0	72.3	73.8	76.8
75°	61.2	63.4	65.1	66.7	68.3	69.9	71.4	72.2	73.1	74.6	77.8
77.5°	61.8	63.9	65.8	67.4	69.0	70.6	71.8	72.6	73.8	75.4	78.6
80°	62.4	64.3	66.5	68.1	69.8	71.4	72.2	73.0	74.6	76.2	79.5
82.5°	62.9	64.6	66.9	68.5	70.1	71.4	72.6	73.4	75.0	76.6	79.9
85°	63.3	64.9	67.3	68.9	70.5	71.4	73.0	73.8	75.4	77.0	80.3
87.5°	63.3	64.9	67.3	68.9	70.5	71.8	73.0	74.2	75.4	77.0	80.3
90°	63.3	64.9	67.3	68.9	70.5	72.2	73.0	74.6	75.4	77.0	80.3
92.5°	63.3	64.9	67.3	68.9	70.5	71.8	73.0	74.2	75.4	77.0	80.3
95°	63.3	64.9	67.3	68.9	70.5	71.4	73.0	73.8	75.4	77.0	80.3
97.5°	62.9	64.6	66.9	68.5	70.1	71.4	72.6	73.4	75.0	76.6	79.9
100°	62.4	64.3	66.5	68.1	69.8	71.4	72.2	73.0	74.6	76.2	79.5
102.5°	61.8	63.9	65.8	67.4	69.0	70.6	71.8	72.6	73.8	75.4	78.6
105°	61.2	63.4	65.1	66.7	68.3	69.9	71.4	72.2	73.1	74.6	77.8
107.5°	60.6	62.7	64.4	66.0	67.5	69.0	70.2	71.0	72.3	73.8	76.8
110°	59.8	61.7	63.4	65.1	66.7	68.1	69.0	69.9	71.5	73.0	76.0



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	58.9	60.6	62.2	63.8	65.3	66.8	68.2	69.0	69.8	71.4	74.3
115°	57.8	59.6	61.2	62.9	64.2	65.3	66.6	67.4	68.2	69.7	72.7
117.5°	56.5	58.1	59.8	61.4	62.8	64.0	65.0	65.9	67.0	68.1	71.0
120°	55.1	56.7	58.4	59.8	61.4	62.6	63.5	64.5	65.8	66.5	69.3
122.5°	53.7	55.4	56.9	58.0	59.6	60.6	61.6	62.8	63.8	64.9	67.6
125°	52.1	53.6	55.0	56.2	57.7	58.6	59.9	61.0	61.9	63.3	65.9
127.5°	50.4	51.6	52.9	54.4	55.8	56.7	57.7	58.6	59.5	60.9	63.4
130°	48.3	49.6	50.9	52.4	53.8	54.6	55.5	56.3	57.1	58.4	60.8
132.5°	46.3	47.7	48.8	50.3	51.5	52.3	53.1	53.9	54.7	56.0	58.3
135°	44.4	45.6	46.6	48.0	49.2	50.0	50.8	51.5	52.3	53.5	55.8
137.5°	42.4	43.4	44.4	45.5	46.7	47.7	48.4	49.1	49.8	50.7	52.8
140°	39.9	40.9	41.9	42.9	44.2	45.2	45.9	46.6	47.3	47.8	49.9
142.5°	37.4	38.4	39.3	40.3	41.3	42.1	42.9	43.8	44.5	45.0	46.9
145°	34.8	35.8	36.7	37.5	38.3	39.0	39.9	41.0	41.7	42.2	44.0
147.5°	32.4	33.2	34.1	34.9	35.6	36.3	37.1	37.9	38.5	39.0	40.6
150°	29.6	30.5	31.3	32.1	32.9	33.6	34.2	34.8	35.3	35.7	37.3
152.5°	26.7	27.6	28.4	29.2	29.9	30.5	31.1	31.6	32.1	32.5	33.9
155°	24.0	24.8	25.5	26.1	26.7	27.3	27.9	28.4	28.8	29.2	30.5
157.5°	21.2	21.9	22.3	22.6	23.0	23.5	24.0	24.6	25.3	25.9	26.8
160°	18.2	18.7	19.1	19.5	20.0	20.4	20.9	21.3	21.6	21.9	23.0
162.5°	15.0	15.6	16.0	16.5	16.9	17.4	17.7	18.1	18.4	18.7	19.5
165°	12.2	12.7	13.1	13.5	13.9	14.3	14.6	14.9	15.2	15.4	16.0
167.5°	9.4	9.8	10.2	10.6	10.9	11.2	11.5	11.7	12.0	12.2	12.7
170°	6.9	7.2	7.4	7.7	7.9	8.2	8.4	8.6	8.8	8.9	9.3
172.5°	4.6	4.7	4.9	5.1	5.3	5.5	5.7	5.8	5.9	6.1	6.4
175°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.5
177.5°	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
5°	3.8	4.0	4.3	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.2
7.5°	6.8	7.1	7.4	7.7	8.0	8.3	8.6	9.2	9.8	10.3	10.8
10°	9.7	10.1	10.5	10.8	11.2	12.1	12.9	13.6	14.3	15.0	15.7
12.5°	13.1	13.6	14.0	14.7	15.8	16.8	17.8	18.7	19.8	21.2	22.5
15°	16.6	17.1	17.7	19.2	20.6	22.0	23.3	25.0	26.6	28.2	29.9
17.5°	20.2	21.0	22.4	24.1	25.7	27.4	29.4	31.3	33.1	35.3	37.6
20°	24.0	25.0	27.0	29.0	30.9	33.3	35.5	37.7	40.4	43.1	45.6
22.5°	27.7	29.1	31.4	33.6	36.2	38.9	41.5	44.5	47.5	50.5	53.8
25°	31.8	33.6	35.8	38.3	41.6	44.7	48.0	51.3	54.7	58.4	62.1
27.5°	35.3	37.6	40.0	43.2	46.7	50.5	54.5	58.4	62.4	66.2	70.2
30°	38.8	41.5	44.1	47.8	51.7	56.2	60.7	65.1	69.4	73.9	78.3
32.5°	42.4	45.3	48.5	52.5	56.8	61.8	66.8	71.7	76.6	81.5	86.3
35°	46.1	49.2	52.9	57.2	62.1	67.5	72.9	78.4	83.8	89.1	94.2
37.5°	49.4	53.0	57.3	61.9	67.3	72.9	79.0	85.1	91.4	96.3	101.6
40°	52.8	56.8	61.6	66.8	72.5	78.6	84.9	91.3	97.4	103.1	109.0
42.5°	56.0	60.0	65.2	71.0	77.2	83.8	90.6	97.5	103.7	109.9	116.3
45°	59.0	63.1	68.6	74.9	81.6	88.6	95.9	103.1	109.9	116.6	123.1
47.5°	61.8	66.3	72.1	78.8	86.0	93.3	101.1	108.7	115.9	123.2	129.7
50°	64.5	69.5	75.5	82.7	90.2	98.1	106.1	113.8	121.4	128.9	136.4
52.5°	67.3	72.6	79.1	86.5	94.4	102.6	110.8	118.6	126.8	134.9	142.3
55°	70.0	75.7	82.5	90.3	98.6	106.9	115.1	123.4	131.9	140.2	147.6
57.5°	71.9	78.1	85.4	93.5	102.3	110.8	119.3	128.0	136.6	144.8	153.0
60°	73.8	80.5	88.2	96.5	105.8	114.6	123.8	132.2	141.0	149.6	157.9
62.5°	76.0	82.7	90.4	99.2	108.7	118.0	127.6	136.0	145.5	154.3	162.9
65°	78.2	84.6	92.6	101.7	111.2	120.8	130.5	139.6	149.0	158.1	167.2
67.5°	79.4	86.4	95.4	104.5	113.8	123.5	133.3	142.9	152.2	161.6	170.9
70°	81.2	88.4	96.7	106.2	115.9	126.0	136.1	145.7	155.2	165.1	173.8
72.5°	82.2	89.6	98.3	108.0	117.9	128.2	138.3	148.2	158.1	167.8	177.0
75°	83.1	90.7	99.9	109.9	120.0	130.1	140.2	150.3	160.3	170.0	179.2
77.5°	84.0	91.4	100.8	111.0	121.5	131.8	141.8	152.1	162.2	171.7	181.1
80°	85.1	92.1	101.6	111.9	122.9	133.3	143.0	153.8	163.6	173.2	182.7
82.5°	85.5	92.8	102.6	112.6	123.5	134.3	144.3	155.1	164.8	174.5	184.0
85°	86.0	93.3	103.0	113.5	124.1	135.4	145.9	156.4	165.7	175.5	185.1
87.5°	86.0	93.3	103.0	113.5	124.5	135.0	145.6	156.5	166.6	176.0	185.7
90°	86.0	93.3	103.0	113.5	124.9	134.6	145.2	156.5	167.0	176.0	185.7
92.5°	86.0	93.3	103.0	113.5	124.5	135.0	145.6	156.5	166.6	176.0	185.7
95°	86.0	93.3	103.0	113.5	124.1	135.4	145.9	156.4	165.7	175.5	185.1
97.5°	85.5	92.8	102.6	112.6	123.5	134.3	144.3	155.1	164.8	174.5	184.0
100°	85.1	92.1	101.6	111.9	122.9	133.3	143.0	153.8	163.6	173.2	182.7
102.5°	84.0	91.4	100.8	111.0	121.5	131.8	141.8	152.1	162.2	171.7	181.1
105°	83.1	90.7	99.9	109.9	120.0	130.1	140.2	150.3	160.3	170.0	179.2
107.5°	82.2	89.6	98.3	108.0	117.9	128.2	138.3	148.2	158.1	167.8	177.0
110°	81.2	88.4	96.7	106.2	115.9	126.0	136.1	145.7	155.2	165.1	173.8



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	79.4	86.4	95.4	104.5	113.8	123.5	133.3	142.9	152.2	161.6	170.9
115°	78.2	84.6	92.6	101.7	111.2	120.8	130.5	139.6	149.0	158.1	167.2
117.5°	76.0	82.7	90.4	99.2	108.7	118.0	127.6	136.0	145.5	154.3	162.9
120°	73.8	80.5	88.2	96.5	105.8	114.6	123.8	132.2	141.0	149.6	157.9
122.5°	71.9	78.1	85.4	93.5	102.3	110.8	119.3	128.0	136.6	144.8	153.0
125°	70.0	75.7	82.5	90.3	98.6	106.9	115.1	123.4	131.9	140.2	147.6
127.5°	67.3	72.6	79.1	86.5	94.4	102.6	110.8	118.6	126.8	134.9	142.3
130°	64.5	69.5	75.5	82.7	90.2	98.1	106.1	113.8	121.4	128.9	136.4
132.5°	61.8	66.3	72.1	78.8	86.0	93.3	101.1	108.7	115.9	123.2	129.7
135°	59.0	63.1	68.6	74.9	81.6	88.6	95.9	103.1	109.9	116.6	123.1
137.5°	56.0	60.0	65.2	71.0	77.2	83.8	90.6	97.5	103.7	109.9	116.3
140°	52.8	56.8	61.6	66.8	72.5	78.6	84.9	91.3	97.4	103.1	109.0
142.5°	49.4	53.0	57.3	61.9	67.3	72.9	79.0	85.1	91.4	96.3	101.6
145°	46.1	49.2	52.9	57.2	62.1	67.5	72.9	78.4	83.8	89.1	94.2
147.5°	42.4	45.3	48.5	52.5	56.8	61.8	66.8	71.7	76.6	81.5	86.3
150°	38.8	41.5	44.1	47.8	51.7	56.2	60.7	65.1	69.4	73.9	78.3
152.5°	35.3	37.6	40.0	43.2	46.7	50.5	54.5	58.4	62.4	66.2	70.2
155°	31.8	33.6	35.8	38.3	41.6	44.7	48.0	51.3	54.7	58.4	62.1
157.5°	27.7	29.1	31.4	33.6	36.2	38.9	41.5	44.5	47.5	50.5	53.8
160°	24.0	25.0	27.0	29.0	30.9	33.3	35.5	37.7	40.4	43.1	45.6
162.5°	20.2	21.0	22.4	24.1	25.7	27.4	29.4	31.3	33.1	35.3	37.6
165°	16.6	17.1	17.7	19.2	20.6	22.0	23.3	25.0	26.6	28.2	29.9
167.5°	13.1	13.6	14.0	14.7	15.8	16.8	17.8	18.7	19.8	21.2	22.5
170°	9.7	10.1	10.5	10.8	11.2	12.1	12.9	13.6	14.3	15.0	15.7
172.5°	6.8	7.1	7.4	7.7	8.0	8.3	8.6	9.2	9.8	10.3	10.8
175°	3.8	4.0	4.3	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.2
177.5°	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1
5°	6.5	6.9	7.2	7.5	7.8	8.0	8.3	8.5	8.7	8.9	9.0
7.5°	11.3	11.7	12.1	12.5	12.9	13.6	14.1	14.7	15.3	15.8	16.3
10°	16.8	17.8	18.8	19.8	20.7	21.5	22.3	23.1	23.8	24.5	25.1
12.5°	23.8	25.0	26.2	27.6	29.0	30.3	31.4	32.5	33.4	34.4	35.3
15°	31.5	33.4	35.1	36.8	38.3	39.9	41.4	42.8	44.1	45.4	46.6
17.5°	39.9	42.3	44.2	46.3	48.3	50.1	51.8	53.4	54.9	56.2	57.4
20°	48.3	51.0	53.6	56.0	58.2	60.4	62.4	64.2	65.8	67.3	68.6
22.5°	57.0	60.0	62.9	65.6	68.3	70.6	72.8	74.8	76.8	78.7	80.5
25°	65.6	68.9	72.6	75.2	78.1	80.7	83.4	86.0	88.3	90.4	92.4
27.5°	74.1	77.8	81.4	84.7	88.0	91.3	94.9	97.1	99.5	101.9	104.0
30°	82.6	86.6	90.5	94.2	97.7	101.2	104.6	107.6	110.3	112.8	115.2
32.5°	90.9	95.4	99.6	103.6	107.4	111.2	114.9	118.2	121.0	123.4	126.0
35°	99.2	104.1	108.6	113.0	117.1	121.3	125.3	128.7	131.8	134.4	136.9
37.5°	107.0	112.4	117.5	122.2	126.7	131.0	134.9	138.7	142.0	145.2	147.2
40°	114.8	120.9	126.1	130.7	135.5	139.9	144.0	147.9	151.6	154.9	157.7
42.5°	122.4	128.5	133.7	138.8	144.2	148.8	153.1	157.1	161.4	164.2	167.2
45°	129.1	135.5	141.4	147.1	152.4	157.5	161.8	166.0	169.8	173.3	176.5
47.5°	136.4	142.9	149.0	154.6	159.9	165.2	170.0	174.4	178.5	182.3	185.4
50°	143.2	149.8	156.1	161.7	167.6	173.2	178.1	182.6	187.3	190.7	193.9
52.5°	149.1	156.2	162.7	169.0	175.7	180.5	185.6	190.6	194.7	198.6	201.9
55°	155.0	162.4	169.7	175.6	181.8	187.5	193.1	197.7	202.0	205.9	209.4
57.5°	160.6	168.1	175.1	181.5	188.1	194.1	199.6	204.5	208.9	213.1	216.8
60°	166.0	173.3	180.6	187.4	193.9	200.0	205.4	210.6	215.5	220.1	223.3
62.5°	170.9	178.3	185.9	192.7	199.3	205.4	211.1	216.5	221.8	225.4	229.1
65°	175.1	182.9	190.5	197.6	204.5	210.6	216.5	221.9	226.6	230.5	234.9
67.5°	178.6	186.9	194.7	202.1	209.2	215.4	221.1	226.6	231.3	235.8	240.0
70°	182.3	190.5	198.4	206.2	213.2	219.1	225.1	230.8	235.8	240.5	245.2
72.5°	185.3	193.4	201.5	209.3	216.0	222.5	228.6	234.2	239.5	244.3	248.7
75°	187.8	196.1	204.3	212.2	219.4	225.7	231.6	237.3	243.0	247.6	252.3
77.5°	190.0	198.5	206.9	214.5	221.5	228.2	234.3	239.9	245.0	250.3	254.8
80°	191.9	200.3	208.8	216.6	223.4	230.3	236.3	242.1	247.7	252.6	257.4
82.5°	193.4	201.7	210.4	218.5	225.0	232.0	237.8	243.5	249.5	254.4	259.0
85°	194.1	202.8	211.7	219.2	225.7	232.9	239.0	244.7	250.7	255.6	260.4
87.5°	194.9	203.5	212.2	219.8	226.2	233.5	240.0	245.7	251.4	256.2	261.1
90°	195.4	203.5	211.6	219.8	226.2	233.5	240.0	245.7	251.4	256.2	261.1
92.5°	194.9	203.5	212.2	219.8	226.2	233.5	240.0	245.7	251.4	256.2	261.1
95°	194.1	202.8	211.7	219.2	225.7	232.9	239.0	244.7	250.7	255.6	260.4
97.5°	193.4	201.7	210.4	218.5	225.0	232.0	237.8	243.5	249.5	254.4	259.0
100°	191.9	200.3	208.8	216.6	223.4	230.3	236.3	242.1	247.7	252.6	257.4
102.5°	190.0	198.5	206.9	214.5	221.5	228.2	234.3	239.9	245.0	250.3	254.8
105°	187.8	196.1	204.3	212.2	219.4	225.7	231.6	237.3	243.0	247.6	252.3
107.5°	185.3	193.4	201.5	209.3	216.0	222.5	228.6	234.2	239.5	244.3	248.7
110°	182.3	190.5	198.4	206.2	213.2	219.1	225.1	230.8	235.8	240.5	245.2



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	178.6	186.9	194.7	202.1	209.2	215.4	221.1	226.6	231.3	235.8	240.0
115°	175.1	182.9	190.5	197.6	204.5	210.6	216.5	221.9	226.6	230.5	234.9
117.5°	170.9	178.3	185.9	192.7	199.3	205.4	211.1	216.5	221.8	225.4	229.1
120°	166.0	173.3	180.6	187.4	193.9	200.0	205.4	210.6	215.5	220.1	223.3
122.5°	160.6	168.1	175.1	181.5	188.1	194.1	199.6	204.5	208.9	213.1	216.8
125°	155.0	162.4	169.7	175.6	181.8	187.5	193.1	197.7	202.0	205.9	209.4
127.5°	149.1	156.2	162.7	169.0	175.7	180.5	185.6	190.6	194.7	198.6	201.9
130°	143.2	149.8	156.1	161.7	167.6	173.2	178.1	182.6	187.3	190.7	193.9
132.5°	136.4	142.9	149.0	154.6	159.9	165.2	170.0	174.4	178.5	182.3	185.4
135°	129.1	135.5	141.4	147.1	152.4	157.5	161.8	166.0	169.8	173.3	176.5
137.5°	122.4	128.5	133.7	138.8	144.2	148.8	153.1	157.1	161.4	164.2	167.2
140°	114.8	120.9	126.1	130.7	135.5	139.9	144.0	147.9	151.6	154.9	157.7
142.5°	107.0	112.4	117.5	122.2	126.7	131.0	134.9	138.7	142.0	145.2	147.2
145°	99.2	104.1	108.6	113.0	117.1	121.3	125.3	128.7	131.8	134.4	136.9
147.5°	90.9	95.4	99.6	103.6	107.4	111.2	114.9	118.2	121.0	123.4	126.0
150°	82.6	86.6	90.5	94.2	97.7	101.2	104.6	107.6	110.3	112.8	115.2
152.5°	74.1	77.8	81.4	84.7	88.0	91.3	94.9	97.1	99.5	101.9	104.0
155°	65.6	68.9	72.6	75.2	78.1	80.7	83.4	86.0	88.3	90.4	92.4
157.5°	57.0	60.0	62.9	65.6	68.3	70.6	72.8	74.8	76.8	78.7	80.5
160°	48.3	51.0	53.6	56.0	58.2	60.4	62.4	64.2	65.8	67.3	68.6
162.5°	39.9	42.3	44.2	46.3	48.3	50.1	51.8	53.4	54.9	56.2	57.4
165°	31.5	33.4	35.1	36.8	38.3	39.9	41.4	42.8	44.1	45.4	46.6
167.5°	23.8	25.0	26.2	27.6	29.0	30.3	31.4	32.5	33.4	34.4	35.3
170°	16.8	17.8	18.8	19.8	20.7	21.5	22.3	23.1	23.8	24.5	25.1
172.5°	11.3	11.7	12.1	12.5	12.9	13.6	14.1	14.7	15.3	15.8	16.3
175°	6.5	6.9	7.2	7.5	7.8	8.0	8.3	8.5	8.7	8.9	9.0
177.5°	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1
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: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.3	4.3	4.2
5°	9.1	9.2	9.3	9.4	9.4	9.4	9.4	9.4	9.5	9.3	9.2
7.5°	16.7	17.1	17.4	17.7	17.9	18.1	18.2	18.2	18.3	18.4	18.2
10°	25.6	26.2	26.7	27.2	27.6	28.0	28.3	28.5	28.6	29.0	28.8
12.5°	36.2	36.9	37.6	38.2	38.9	39.5	40.0	40.4	40.7	40.8	41.1
15°	47.6	48.5	49.2	49.9	50.4	50.9	51.4	51.8	52.1	52.3	52.5
17.5°	58.6	59.7	60.7	61.5	62.2	62.8	63.3	63.9	64.3	64.5	64.9
20°	69.7	71.0	72.3	73.4	74.2	74.7	75.0	75.4	75.9	76.2	76.8
22.5°	82.2	83.6	84.8	85.7	86.5	87.1	87.6	88.0	88.5	88.9	89.4
25°	94.1	95.4	96.5	97.6	98.8	99.7	100.3	100.6	100.9	101.4	101.6
27.5°	105.8	107.4	108.9	110.3	111.1	111.9	112.3	112.5	112.4	112.8	113.0
30°	117.0	118.7	120.3	121.7	122.7	123.5	124.1	124.5	124.7	124.9	125.2
32.5°	128.1	130.0	131.5	133.1	134.3	135.1	135.8	136.3	136.4	136.4	136.6
35°	139.3	141.3	143.0	144.5	145.8	146.5	147.0	147.5	147.8	147.8	148.7
37.5°	149.7	151.9	153.7	155.0	155.8	156.9	157.5	157.8	158.0	157.9	157.9
40°	160.0	162.3	163.9	165.2	166.4	167.4	168.0	168.2	168.5	168.6	168.5
42.5°	169.8	172.1	173.6	174.9	176.4	177.5	178.1	178.2	178.2	178.0	177.9
45°	179.2	181.4	183.8	184.8	185.8	187.1	187.4	187.6	187.4	187.5	187.3
47.5°	188.1	190.3	192.4	193.9	195.1	196.1	196.7	196.9	196.7	196.7	196.5
50°	196.4	198.8	201.3	203.2	204.2	204.8	205.6	206.0	205.6	205.3	205.4
52.5°	204.7	207.5	209.6	211.4	212.7	213.3	214.1	214.6	214.5	214.1	213.9
55°	212.6	215.0	217.2	219.3	220.7	221.5	221.9	222.6	222.8	222.1	222.3
57.5°	219.8	222.4	224.8	226.7	228.3	229.1	230.2	230.2	230.6	229.9	229.8
60°	226.7	229.7	231.6	233.4	235.0	236.2	237.4	237.7	237.5	236.9	236.4
62.5°	232.6	236.0	238.4	240.2	241.9	243.1	244.0	244.1	243.7	243.2	242.9
65°	238.2	241.7	244.5	246.9	248.3	249.1	249.8	250.0	249.9	249.4	248.9
67.5°	243.5	247.3	250.2	252.4	253.9	254.5	255.3	255.6	255.5	255.0	254.6
70°	248.3	252.0	254.9	257.1	258.6	259.6	260.7	260.7	260.1	259.7	259.1
72.5°	252.7	256.2	259.1	261.5	263.2	264.3	264.5	264.8	264.8	264.0	263.4
75°	256.6	259.7	262.7	265.3	266.8	268.1	268.7	269.3	268.7	268.1	267.6
77.5°	259.4	262.5	265.9	267.8	269.6	270.9	272.0	272.3	272.5	272.1	270.8
80°	261.7	264.8	267.7	269.9	272.4	274.0	274.6	275.2	275.1	274.4	273.9
82.5°	263.1	266.8	269.7	272.1	273.9	275.4	276.2	277.1	277.0	276.9	276.2
85°	264.6	267.8	270.4	272.8	274.6	276.1	277.6	277.9	278.0	278.1	278.1
87.5°	265.2	268.3	271.4	273.2	275.6	276.4	277.2	277.5	278.1	277.9	278.1
90°	265.2	268.4	270.8	273.3	275.7	276.5	277.3	277.3	277.3	277.3	276.5
92.5°	265.2	268.3	271.4	273.2	275.6	276.4	277.2	277.5	278.1	277.9	278.1
95°	264.6	267.8	270.4	272.8	274.6	276.1	277.6	277.9	278.0	278.1	278.1
97.5°	263.1	266.8	269.7	272.1	273.9	275.4	276.2	277.1	277.0	276.9	276.2
100°	261.7	264.8	267.7	269.9	272.4	274.0	274.6	275.2	275.1	274.4	273.9
102.5°	259.4	262.5	265.9	267.8	269.6	270.9	272.0	272.3	272.5	272.1	270.8
105°	256.6	259.7	262.7	265.3	266.8	268.1	268.7	269.3	268.7	268.1	267.6
107.5°	252.7	256.2	259.1	261.5	263.2	264.3	264.5	264.8	264.8	264.0	263.4
110°	248.3	252.0	254.9	257.1	258.6	259.6	260.7	260.7	260.1	259.7	259.1



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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°	243.5	247.3	250.2	252.4	253.9	254.5	255.3	255.6	255.5	255.0	254.6
115°	238.2	241.7	244.5	246.9	248.3	249.1	249.8	250.0	249.9	249.4	248.9
117.5°	232.6	236.0	238.4	240.2	241.9	243.1	244.0	244.1	243.7	243.2	242.9
120°	226.7	229.7	231.6	233.4	235.0	236.2	237.4	237.7	237.5	236.9	236.4
122.5°	219.8	222.4	224.8	226.7	228.3	229.1	230.2	230.2	230.6	229.9	229.8
125°	212.6	215.0	217.2	219.3	220.7	221.5	221.9	222.6	222.8	222.1	222.3
127.5°	204.7	207.5	209.6	211.4	212.7	213.3	214.1	214.6	214.5	214.1	213.9
130°	196.4	198.8	201.3	203.2	204.2	204.8	205.6	206.0	205.6	205.3	205.4
132.5°	188.1	190.3	192.4	193.9	195.1	196.1	196.7	196.9	196.7	196.7	196.5
135°	179.2	181.4	183.8	184.8	185.8	187.1	187.4	187.6	187.4	187.5	187.3
137.5°	169.8	172.1	173.6	174.9	176.4	177.5	178.1	178.2	178.2	178.0	177.9
140°	160.0	162.3	163.9	165.2	166.4	167.4	168.0	168.2	168.5	168.6	168.5
142.5°	149.7	151.9	153.7	155.0	155.8	156.9	157.5	157.8	158.0	157.9	157.9
145°	139.3	141.3	143.0	144.5	145.8	146.5	147.0	147.5	147.8	147.8	148.7
147.5°	128.1	130.0	131.5	133.1	134.3	135.1	135.8	136.3	136.4	136.4	136.6
150°	117.0	118.7	120.3	121.7	122.7	123.5	124.1	124.5	124.7	124.9	125.2
152.5°	105.8	107.4	108.9	110.3	111.1	111.9	112.3	112.5	112.4	112.8	113.0
155°	94.1	95.4	96.5	97.6	98.8	99.7	100.3	100.6	100.9	101.4	101.6
157.5°	82.2	83.6	84.8	85.7	86.5	87.1	87.6	88.0	88.5	88.9	89.4
160°	69.7	71.0	72.3	73.4	74.2	74.7	75.0	75.4	75.9	76.2	76.8
162.5°	58.6	59.7	60.7	61.5	62.2	62.8	63.3	63.9	64.3	64.5	64.9
165°	47.6	48.5	49.2	49.9	50.4	50.9	51.4	51.8	52.1	52.3	52.5
167.5°	36.2	36.9	37.6	38.2	38.9	39.5	40.0	40.4	40.7	40.8	41.1
170°	25.6	26.2	26.7	27.2	27.6	28.0	28.3	28.5	28.6	29.0	28.8
172.5°	16.7	17.1	17.4	17.7	17.9	18.1	18.2	18.2	18.3	18.4	18.2
175°	9.1	9.2	9.3	9.4	9.4	9.4	9.4	9.4	9.5	9.3	9.2
177.5°	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.3	4.3	4.2
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°	4.2	4.1
5°	9.0	8.9
7.5°	18.0	17.8
10°	28.6	28.4
12.5°	40.8	40.5
15°	52.2	51.9
17.5°	64.5	64.1
20°	76.5	76.2
22.5°	88.9	88.4
25°	101.8	101.4
27.5°	113.1	112.7
30°	125.4	124.9
32.5°	136.7	136.2
35°	149.7	150.0
37.5°	157.9	157.3
40°	168.6	167.9
42.5°	179.7	180.8
45°	187.3	186.5
47.5°	196.7	196.2
50°	206.6	207.6
52.5°	215.5	218.1
55°	222.5	221.4
57.5°	230.0	228.7
60°	236.7	236.0
62.5°	243.0	242.5
65°	248.8	248.1
67.5°	253.9	253.0
70°	258.7	257.9
72.5°	262.9	262.7
75°	267.1	266.8
77.5°	270.5	270.0
80°	273.5	272.5
82.5°	276.0	274.9
85°	277.4	276.5
87.5°	278.1	277.3
90°	276.5	277.3
92.5°	278.1	277.3
95°	277.4	276.5
97.5°	276.0	274.9
100°	273.5	272.5
102.5°	270.5	270.0
105°	267.1	266.8
107.5°	262.9	262.7
110°	258.7	257.9



TEST NUMBER: P231890

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	253.9	253.0
115°	248.8	248.1
117.5°	243.0	242.5
120°	236.7	236.0
122.5°	230.0	228.7
125°	222.5	221.4
127.5°	215.5	218.1
130°	206.6	207.6
132.5°	196.7	196.2
135°	187.3	186.5
137.5°	179.7	180.8
140°	168.6	167.9
142.5°	157.9	157.3
145°	149.7	150.0
147.5°	136.7	136.2
150°	125.4	124.9
152.5°	113.1	112.7
155°	101.8	101.4
157.5°	88.9	88.4
160°	76.5	76.2
162.5°	64.5	64.1
165°	52.2	51.9
167.5°	40.8	40.5
170°	28.6	28.4
172.5°	18.0	17.8
175°	9.0	8.9
177.5°	4.2	4.1
180°	0.0	0.0

(END OF REPORT)