

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: P231887

Luminaire Tested: **FVS4WM-2-LD4-50-1LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231887
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-LD4-50-1LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (42) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

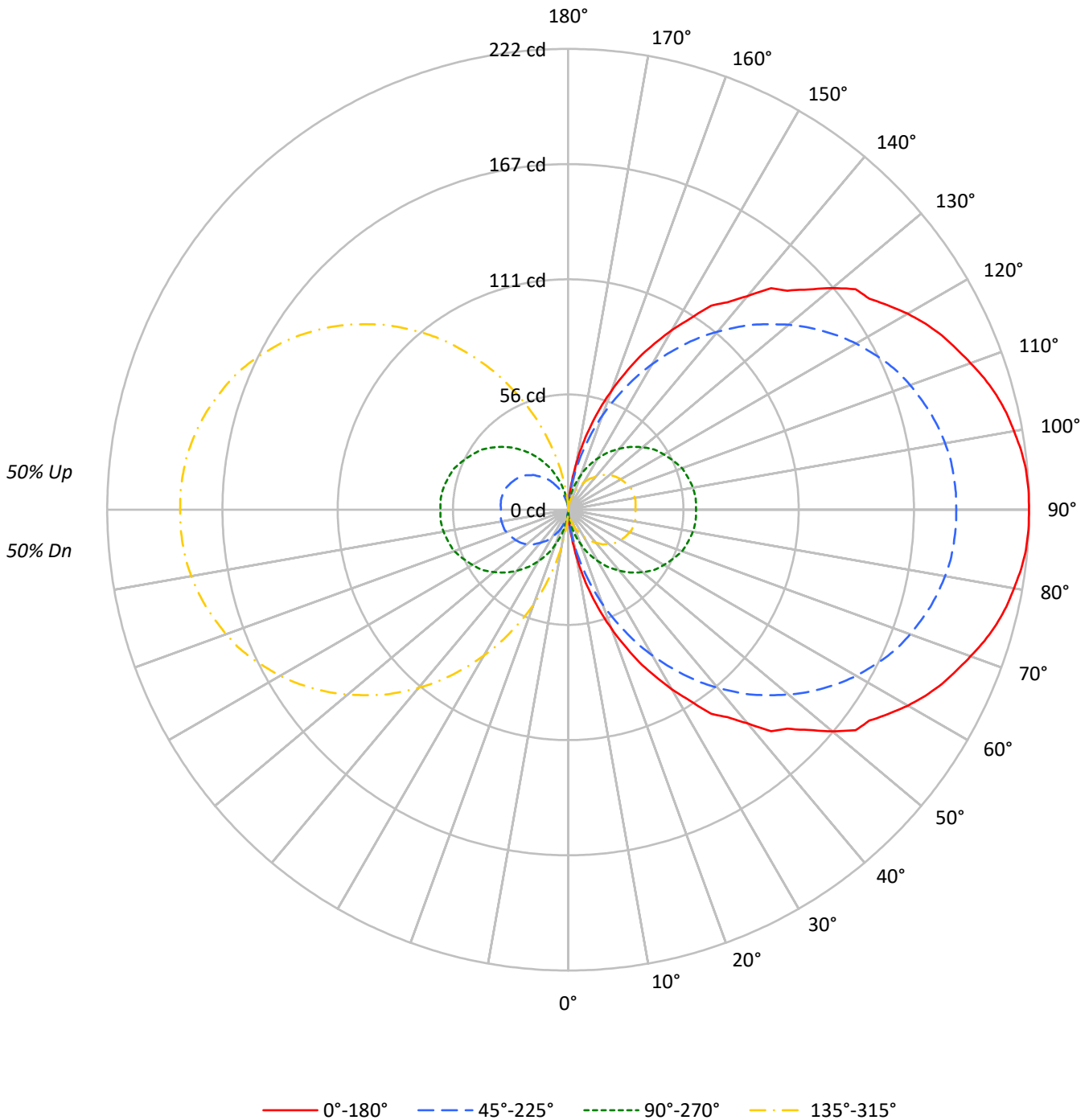
Lumens per Lamp: N/A
Luminaire Lumens: 960.7 lumens
Efficiency: N/A
Efficacy: 78.1 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 12.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	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°	186	77	0	77
10°	534	210	0	210
15°	890	365	0	365
20°	1210	527	0	527
25°	1508	719	0	719
30°	1761	904	0	904
35°	2025	1106	0	1106
40°	2189	1317	0	1317
45°	2370	1559	0	1559
50°	2592	1822	0	1822
55°	2736	2143	0	2143
60°	2910	2485	0	2485
65°	3077	2930	0	2930
70°	3238	3532	0	3532
75°	3422	4295	0	4295
80°	3598	5467	0	5467
85°	3793	7393	0	7393



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.5	0.1
10°-20°	5.4	0.6
20°-30°	16.6	1.7
30°-40°	33.2	3.5
40°-50°	52.5	5.5
50°-60°	72.2	7.5
60°-70°	89.4	9.3
70°-80°	102.1	10.6
80°-90°	108.4	11.3
90°-100°	108.4	11.3
100°-110°	102.1	10.6
110°-120°	89.4	9.3
120°-130°	72.2	7.5
130°-140°	52.5	5.5
140°-150°	33.2	3.5
150°-160°	16.6	1.7
160°-170°	5.4	0.6
170°-180°	0.5	0.1
0°-30°	22.5	2.3
0°-40°	55.7	5.8
0°-60°	180.4	18.8
0°-90°	480.3	50.0
90°-120°	299.9	31.2
90°-150°	457.8	47.7
90°-180°	480.0	50.0
0°-180°	960.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	7	3	0	3	7	1
15°	42	12	0	12	42	12
25°	81	23	0	23	81	38
35°	120	34	0	34	120	75
45°	149	43	0	43	149	117
55°	177	51	0	51	177	160
65°	199	56	0	56	199	197
75°	214	60	0	60	214	225
85°	221	62	0	62	221	180
90°	222	62	0	62	222	122
95°	221	62	0	62	221	180
105°	214	60	0	60	214	225
115°	199	56	0	56	199	197
125°	177	51	0	51	177	160
135°	149	43	0	43	149	117
145°	120	34	0	34	120	75
155°	81	23	0	23	81	38
165°	42	12	0	12	42	12
175°	7	3	0	3	7	1
180°	0	0	0	0	0	



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-PFS125-UNV-EDC1

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°	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.4	3.4	3.3	3.3
5°	7.1	7.2	7.3	7.4	7.6	7.5	7.5	7.5	7.5	7.5	7.4
7.5°	14.3	14.5	14.6	14.8	14.7	14.6	14.6	14.5	14.3	14.1	13.9
10°	22.7	22.9	23.1	23.2	22.9	22.8	22.6	22.4	22.1	21.8	21.4
12.5°	32.4	32.6	32.8	32.6	32.5	32.3	32.0	31.6	31.2	30.6	30.1
15°	41.5	41.8	42.0	41.8	41.7	41.5	41.2	40.8	40.3	39.9	39.4
17.5°	51.3	51.6	51.9	51.6	51.4	51.1	50.7	50.3	49.8	49.2	48.6
20°	61.0	61.2	61.5	61.0	60.8	60.4	60.0	59.8	59.4	58.7	57.9
22.5°	70.7	71.1	71.5	71.1	70.9	70.5	70.2	69.7	69.2	68.5	67.8
25°	81.1	81.4	81.3	81.1	80.7	80.5	80.3	79.7	79.0	78.0	77.2
27.5°	90.2	90.5	90.5	90.3	90.0	90.0	89.9	89.5	88.9	88.2	87.2
30°	99.9	100.3	100.2	99.9	99.8	99.7	99.3	98.9	98.2	97.4	96.3
32.5°	109.0	109.4	109.3	109.1	109.2	109.0	108.7	108.2	107.5	106.5	105.3
35°	120.0	119.8	119.0	118.3	118.3	118.0	117.6	117.2	116.6	115.6	114.4
37.5°	125.9	126.4	126.4	126.4	126.5	126.3	126.0	125.5	124.7	124.0	123.0
40°	134.3	134.8	134.8	134.9	134.9	134.6	134.4	134.0	133.2	132.2	131.2
42.5°	144.7	143.8	142.4	142.4	142.6	142.6	142.5	142.1	141.2	140.0	138.9
45°	149.2	149.8	149.8	150.0	149.9	150.1	149.9	149.7	148.6	147.8	147.1
47.5°	157.0	157.4	157.2	157.4	157.4	157.6	157.4	156.9	156.1	155.2	153.9
50°	166.1	165.3	164.3	164.3	164.5	164.9	164.6	163.9	163.4	162.6	161.1
52.5°	174.5	172.4	171.1	171.3	171.6	171.7	171.4	170.6	170.2	169.3	167.7
55°	177.1	178.0	177.9	177.8	178.3	178.1	177.6	177.3	176.6	175.5	173.8
57.5°	183.0	184.0	183.8	184.0	184.5	184.1	184.2	183.3	182.7	181.4	179.9
60°	188.8	189.4	189.1	189.6	190.1	190.2	190.0	189.0	188.0	186.8	185.4
62.5°	194.0	194.5	194.4	194.6	195.0	195.3	195.3	194.5	193.6	192.2	190.7
65°	198.6	199.0	199.2	199.5	200.0	200.1	199.9	199.4	198.6	197.5	195.6
67.5°	202.4	203.2	203.7	204.0	204.4	204.5	204.3	203.7	203.2	202.0	200.2
70°	206.3	207.0	207.3	207.8	208.1	208.6	208.6	207.7	206.9	205.7	204.0
72.5°	210.2	210.4	210.7	211.2	211.9	211.9	211.6	211.4	210.5	209.2	207.3
75°	213.5	213.7	214.1	214.6	215.1	215.5	215.0	214.5	213.5	212.2	210.2
77.5°	216.1	216.5	216.6	217.7	218.1	217.8	217.7	216.8	215.8	214.3	212.7
80°	218.0	218.9	219.2	219.5	220.2	220.2	219.7	219.2	217.9	216.0	214.2
82.5°	220.0	220.9	221.0	221.6	221.6	221.8	221.0	220.4	219.2	217.8	215.8
85°	221.3	222.0	222.6	222.6	222.5	222.4	222.2	220.9	219.8	218.3	216.3
87.5°	221.9	222.6	222.6	222.4	222.6	222.1	221.9	221.3	220.5	218.6	217.2
90°	221.9	221.3	221.3	221.9	221.9	221.9	221.9	221.3	220.6	218.7	216.7
92.5°	221.9	222.6	222.6	222.4	222.6	222.1	221.9	221.3	220.5	218.6	217.2
95°	221.3	222.0	222.6	222.6	222.5	222.4	222.2	220.9	219.8	218.3	216.3
97.5°	220.0	220.9	221.0	221.6	221.6	221.8	221.0	220.4	219.2	217.8	215.8
100°	218.0	218.9	219.2	219.5	220.2	220.2	219.7	219.2	217.9	216.0	214.2
102.5°	216.1	216.5	216.6	217.7	218.1	217.8	217.7	216.8	215.8	214.3	212.7
105°	213.5	213.7	214.1	214.6	215.1	215.5	215.0	214.5	213.5	212.2	210.2
107.5°	210.2	210.4	210.7	211.2	211.9	211.9	211.6	211.4	210.5	209.2	207.3
110°	206.3	207.0	207.3	207.8	208.1	208.6	208.6	207.7	206.9	205.7	204.0



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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°	202.4	203.2	203.7	204.0	204.4	204.5	204.3	203.7	203.2	202.0	200.2
115°	198.6	199.0	199.2	199.5	200.0	200.1	199.9	199.4	198.6	197.5	195.6
117.5°	194.0	194.5	194.4	194.6	195.0	195.3	195.3	194.5	193.6	192.2	190.7
120°	188.8	189.4	189.1	189.6	190.1	190.2	190.0	189.0	188.0	186.8	185.4
122.5°	183.0	184.0	183.8	184.0	184.5	184.1	184.2	183.3	182.7	181.4	179.9
125°	177.1	178.0	177.9	177.8	178.3	178.1	177.6	177.3	176.6	175.5	173.8
127.5°	174.5	172.4	171.1	171.3	171.6	171.7	171.4	170.6	170.2	169.3	167.7
130°	166.1	165.3	164.3	164.3	164.5	164.9	164.6	163.9	163.4	162.6	161.1
132.5°	157.0	157.4	157.2	157.4	157.4	157.6	157.4	156.9	156.1	155.2	153.9
135°	149.2	149.8	149.8	150.0	149.9	150.1	149.9	149.7	148.6	147.8	147.1
137.5°	144.7	143.8	142.4	142.4	142.6	142.6	142.5	142.1	141.2	140.0	138.9
140°	134.3	134.8	134.8	134.9	134.9	134.6	134.4	134.0	133.2	132.2	131.2
142.5°	125.9	126.4	126.4	126.4	126.5	126.3	126.0	125.5	124.7	124.0	123.0
145°	120.0	119.8	119.0	118.3	118.3	118.0	117.6	117.2	116.6	115.6	114.4
147.5°	109.0	109.4	109.3	109.1	109.2	109.0	108.7	108.2	107.5	106.5	105.3
150°	99.9	100.3	100.2	99.9	99.8	99.7	99.3	98.9	98.2	97.4	96.3
152.5°	90.2	90.5	90.5	90.3	90.0	90.0	89.9	89.5	88.9	88.2	87.2
155°	81.1	81.4	81.3	81.1	80.7	80.5	80.3	79.7	79.0	78.0	77.2
157.5°	70.7	71.1	71.5	71.1	70.9	70.5	70.2	69.7	69.2	68.5	67.8
160°	61.0	61.2	61.5	61.0	60.8	60.4	60.0	59.8	59.4	58.7	57.9
162.5°	51.3	51.6	51.9	51.6	51.4	51.1	50.7	50.3	49.8	49.2	48.6
165°	41.5	41.8	42.0	41.8	41.7	41.5	41.2	40.8	40.3	39.9	39.4
167.5°	32.4	32.6	32.8	32.6	32.5	32.3	32.0	31.6	31.2	30.6	30.1
170°	22.7	22.9	23.1	23.2	22.9	22.8	22.6	22.4	22.1	21.8	21.4
172.5°	14.3	14.5	14.6	14.8	14.7	14.6	14.6	14.5	14.3	14.1	13.9
175°	7.1	7.2	7.3	7.4	7.6	7.5	7.5	7.5	7.5	7.5	7.4
177.5°	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.4	3.4	3.3	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



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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°	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.8
5°	7.4	7.3	7.2	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.7
7.5°	13.7	13.4	13.0	12.6	12.2	11.7	11.2	10.8	10.3	10.0	9.7
10°	21.0	20.5	20.1	19.6	19.1	18.5	17.9	17.3	16.6	15.9	15.1
12.5°	29.6	29.0	28.3	27.5	26.8	26.0	25.2	24.3	23.3	22.2	21.0
15°	38.8	38.1	37.3	36.4	35.3	34.2	33.1	31.9	30.7	29.4	28.1
17.5°	47.8	46.9	46.0	45.0	43.9	42.8	41.5	40.2	38.7	37.1	35.4
20°	56.9	55.8	54.9	53.9	52.7	51.4	49.9	48.4	46.6	44.8	42.9
22.5°	66.9	65.7	64.4	63.0	61.4	59.9	58.3	56.5	54.6	52.5	50.3
25°	76.3	75.2	73.9	72.4	70.7	68.8	66.8	64.6	62.4	60.1	58.0
27.5°	85.9	84.6	83.2	81.5	79.7	77.7	76.0	73.1	70.4	67.8	65.1
30°	95.0	93.6	92.2	90.2	88.3	86.1	83.7	81.0	78.1	75.4	72.4
32.5°	104.1	102.5	100.8	98.7	96.8	94.5	91.9	89.0	85.9	82.9	79.7
35°	113.0	111.5	109.6	107.6	105.4	103.0	100.3	97.0	93.7	90.4	86.9
37.5°	121.5	119.8	117.8	116.1	113.6	111.0	108.0	104.8	101.4	97.8	94.0
40°	129.9	128.0	126.2	124.0	121.3	118.3	115.2	111.9	108.4	104.6	100.9
42.5°	137.7	135.9	133.8	131.5	129.1	125.7	122.5	119.1	115.3	111.1	107.0
45°	145.2	143.4	141.2	138.7	135.9	132.9	129.5	126.1	121.9	117.7	113.2
47.5°	152.3	150.5	148.3	145.8	142.9	139.6	136.1	132.2	127.9	123.7	119.2
50°	159.1	157.2	155.2	152.6	149.8	146.1	142.5	138.6	134.1	129.4	124.9
52.5°	166.0	163.8	161.6	158.9	155.8	152.5	148.5	144.5	140.6	135.2	130.2
55°	172.1	170.2	167.6	164.7	161.6	158.2	154.5	150.0	145.5	140.5	135.8
57.5°	178.0	175.9	173.5	170.5	167.2	163.7	159.7	155.3	150.5	145.2	140.1
60°	183.8	181.4	178.7	176.1	172.5	168.6	164.4	160.1	155.1	149.9	144.5
62.5°	188.8	186.2	183.3	180.4	177.4	173.3	168.9	164.4	159.5	154.1	148.7
65°	193.4	190.6	188.0	184.5	181.3	177.5	173.2	168.6	163.7	158.1	152.5
67.5°	197.9	194.9	192.1	188.7	185.1	181.3	176.9	172.4	167.4	161.7	155.8
70°	201.7	198.7	196.2	192.4	188.6	184.6	180.1	175.3	170.6	165.0	158.8
72.5°	205.1	202.2	199.1	195.5	191.7	187.3	182.9	178.0	172.9	167.6	161.2
75°	207.8	205.3	201.9	198.2	194.4	189.9	185.4	180.6	175.6	169.8	163.5
77.5°	210.0	207.6	203.9	200.2	196.1	191.9	187.4	182.6	177.3	171.7	165.6
80°	211.9	209.4	206.0	202.1	198.2	193.8	189.1	184.3	178.8	173.3	167.1
82.5°	213.5	210.5	207.3	203.6	199.6	194.9	190.3	185.7	180.1	174.8	168.4
85°	214.4	211.7	208.4	204.5	200.5	195.8	191.3	186.4	180.6	175.4	169.4
87.5°	214.7	212.2	208.9	205.0	201.1	196.6	192.1	186.9	181.0	175.8	169.8
90°	214.8	212.2	208.9	205.0	201.1	196.6	192.1	186.9	181.0	175.8	169.4
92.5°	214.7	212.2	208.9	205.0	201.1	196.6	192.1	186.9	181.0	175.8	169.8
95°	214.4	211.7	208.4	204.5	200.5	195.8	191.3	186.4	180.6	175.4	169.4
97.5°	213.5	210.5	207.3	203.6	199.6	194.9	190.3	185.7	180.1	174.8	168.4
100°	211.9	209.4	206.0	202.1	198.2	193.8	189.1	184.3	178.8	173.3	167.1
102.5°	210.0	207.6	203.9	200.2	196.1	191.9	187.4	182.6	177.3	171.7	165.6
105°	207.8	205.3	201.9	198.2	194.4	189.9	185.4	180.6	175.6	169.8	163.5
107.5°	205.1	202.2	199.1	195.5	191.7	187.3	182.9	178.0	172.9	167.6	161.2
110°	201.7	198.7	196.2	192.4	188.6	184.6	180.1	175.3	170.6	165.0	158.8



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	197.9	194.9	192.1	188.7	185.1	181.3	176.9	172.4	167.4	161.7	155.8
115°	193.4	190.6	188.0	184.5	181.3	177.5	173.2	168.6	163.7	158.1	152.5
117.5°	188.8	186.2	183.3	180.4	177.4	173.3	168.9	164.4	159.5	154.1	148.7
120°	183.8	181.4	178.7	176.1	172.5	168.6	164.4	160.1	155.1	149.9	144.5
122.5°	178.0	175.9	173.5	170.5	167.2	163.7	159.7	155.3	150.5	145.2	140.1
125°	172.1	170.2	167.6	164.7	161.6	158.2	154.5	150.0	145.5	140.5	135.8
127.5°	166.0	163.8	161.6	158.9	155.8	152.5	148.5	144.5	140.6	135.2	130.2
130°	159.1	157.2	155.2	152.6	149.8	146.1	142.5	138.6	134.1	129.4	124.9
132.5°	152.3	150.5	148.3	145.8	142.9	139.6	136.1	132.2	127.9	123.7	119.2
135°	145.2	143.4	141.2	138.7	135.9	132.9	129.5	126.1	121.9	117.7	113.2
137.5°	137.7	135.9	133.8	131.5	129.1	125.7	122.5	119.1	115.3	111.1	107.0
140°	129.9	128.0	126.2	124.0	121.3	118.3	115.2	111.9	108.4	104.6	100.9
142.5°	121.5	119.8	117.8	116.1	113.6	111.0	108.0	104.8	101.4	97.8	94.0
145°	113.0	111.5	109.6	107.6	105.4	103.0	100.3	97.0	93.7	90.4	86.9
147.5°	104.1	102.5	100.8	98.7	96.8	94.5	91.9	89.0	85.9	82.9	79.7
150°	95.0	93.6	92.2	90.2	88.3	86.1	83.7	81.0	78.1	75.4	72.4
152.5°	85.9	84.6	83.2	81.5	79.7	77.7	76.0	73.1	70.4	67.8	65.1
155°	76.3	75.2	73.9	72.4	70.7	68.8	66.8	64.6	62.4	60.1	58.0
157.5°	66.9	65.7	64.4	63.0	61.4	59.9	58.3	56.5	54.6	52.5	50.3
160°	56.9	55.8	54.9	53.9	52.7	51.4	49.9	48.4	46.6	44.8	42.9
162.5°	47.8	46.9	46.0	45.0	43.9	42.8	41.5	40.2	38.7	37.1	35.4
165°	38.8	38.1	37.3	36.4	35.3	34.2	33.1	31.9	30.7	29.4	28.1
167.5°	29.6	29.0	28.3	27.5	26.8	26.0	25.2	24.3	23.3	22.2	21.0
170°	21.0	20.5	20.1	19.6	19.1	18.5	17.9	17.3	16.6	15.9	15.1
172.5°	13.7	13.4	13.0	12.6	12.2	11.7	11.2	10.8	10.3	10.0	9.7
175°	7.4	7.3	7.2	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.7
177.5°	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.8
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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8
5°	5.5	5.2	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.5
7.5°	9.3	9.0	8.6	8.2	7.8	7.4	6.9	6.6	6.4	6.2	6.0
10°	14.3	13.4	12.6	12.0	11.5	10.9	10.3	9.6	9.0	8.6	8.4
12.5°	20.0	19.1	18.1	17.0	15.9	15.0	14.3	13.5	12.6	11.8	11.2
15°	26.8	25.3	24.0	22.6	21.3	20.0	18.7	17.6	16.5	15.4	14.2
17.5°	33.9	31.9	30.2	28.3	26.6	25.1	23.6	22.0	20.6	19.3	17.9
20°	40.8	38.7	36.5	34.5	32.4	30.2	28.5	26.7	24.8	23.2	21.7
22.5°	48.0	45.6	43.1	40.4	38.0	35.7	33.2	31.1	29.0	26.9	25.1
25°	55.1	52.5	49.7	46.7	43.8	41.1	38.4	35.7	33.3	30.6	28.7
27.5°	62.2	59.3	56.2	53.0	49.9	46.7	43.6	40.4	37.4	34.5	32.0
30°	69.3	66.0	62.6	59.1	55.6	52.1	48.5	44.9	41.4	38.3	35.3
32.5°	76.3	72.8	69.1	65.2	61.3	57.4	53.4	49.5	45.5	42.0	38.8
35°	83.2	79.4	75.3	71.3	67.1	62.7	58.3	54.0	49.7	45.8	42.3
37.5°	89.9	85.6	81.3	77.1	73.1	68.0	63.2	58.4	53.9	49.5	45.8
40°	96.7	91.9	87.2	82.5	78.0	73.1	67.9	62.9	58.0	53.4	49.3
42.5°	102.8	97.9	93.0	88.0	83.0	78.1	72.5	67.1	61.7	56.8	52.2
45°	108.5	103.4	98.5	93.3	87.9	82.5	76.8	70.9	65.3	60.0	55.0
47.5°	114.4	109.1	103.8	98.6	92.8	87.0	80.9	74.7	68.8	63.1	57.7
50°	119.8	114.6	109.2	103.1	97.1	91.0	85.0	78.5	72.2	66.2	60.4
52.5°	125.0	119.3	113.9	107.9	101.5	94.9	88.7	82.2	75.6	69.2	63.2
55°	129.9	124.0	118.1	112.2	105.6	98.7	92.1	85.5	78.9	72.2	66.0
57.5°	134.5	128.5	122.4	115.9	109.3	102.4	95.5	88.7	81.9	74.8	68.4
60°	138.7	132.8	126.4	119.7	112.8	105.8	99.0	91.7	84.7	77.2	70.5
62.5°	142.6	136.7	130.4	123.5	116.4	108.8	102.1	94.4	87.0	79.4	72.3
65°	146.4	140.1	133.8	126.5	119.2	111.7	104.5	96.6	89.0	81.4	74.1
67.5°	149.5	142.9	136.7	129.3	121.8	114.4	106.7	98.8	91.1	83.6	76.4
70°	152.4	145.8	139.1	132.1	124.2	116.6	108.9	100.8	92.7	84.9	77.4
72.5°	154.7	148.2	141.7	134.3	126.5	118.6	110.7	102.6	94.4	86.4	78.7
75°	156.9	150.2	143.4	136.0	128.3	120.3	112.2	104.1	96.0	87.9	79.9
77.5°	158.8	152.0	144.9	137.4	129.8	121.7	113.4	105.5	97.3	88.8	80.7
80°	160.3	153.6	146.2	138.6	131.0	123.1	114.4	106.7	98.4	89.5	81.3
82.5°	161.4	154.7	147.2	139.6	131.9	124.1	115.5	107.5	98.8	90.1	82.1
85°	162.3	155.3	148.1	140.4	132.6	125.2	116.7	108.4	99.3	90.8	82.4
87.5°	162.9	156.0	148.6	140.8	133.3	125.2	116.5	108.1	99.6	90.8	82.4
90°	162.9	156.4	148.6	140.8	133.7	125.2	116.1	107.7	99.9	90.8	82.4
92.5°	162.9	156.0	148.6	140.8	133.3	125.2	116.5	108.1	99.6	90.8	82.4
95°	162.3	155.3	148.1	140.4	132.6	125.2	116.7	108.4	99.3	90.8	82.4
97.5°	161.4	154.7	147.2	139.6	131.9	124.1	115.5	107.5	98.8	90.1	82.1
100°	160.3	153.6	146.2	138.6	131.0	123.1	114.4	106.7	98.4	89.5	81.3
102.5°	158.8	152.0	144.9	137.4	129.8	121.7	113.4	105.5	97.3	88.8	80.7
105°	156.9	150.2	143.4	136.0	128.3	120.3	112.2	104.1	96.0	87.9	79.9
107.5°	154.7	148.2	141.7	134.3	126.5	118.6	110.7	102.6	94.4	86.4	78.7
110°	152.4	145.8	139.1	132.1	124.2	116.6	108.9	100.8	92.7	84.9	77.4



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	149.5	142.9	136.7	129.3	121.8	114.4	106.7	98.8	91.1	83.6	76.4
115°	146.4	140.1	133.8	126.5	119.2	111.7	104.5	96.6	89.0	81.4	74.1
117.5°	142.6	136.7	130.4	123.5	116.4	108.8	102.1	94.4	87.0	79.4	72.3
120°	138.7	132.8	126.4	119.7	112.8	105.8	99.0	91.7	84.7	77.2	70.5
122.5°	134.5	128.5	122.4	115.9	109.3	102.4	95.5	88.7	81.9	74.8	68.4
125°	129.9	124.0	118.1	112.2	105.6	98.7	92.1	85.5	78.9	72.2	66.0
127.5°	125.0	119.3	113.9	107.9	101.5	94.9	88.7	82.2	75.6	69.2	63.2
130°	119.8	114.6	109.2	103.1	97.1	91.0	85.0	78.5	72.2	66.2	60.4
132.5°	114.4	109.1	103.8	98.6	92.8	87.0	80.9	74.7	68.8	63.1	57.7
135°	108.5	103.4	98.5	93.3	87.9	82.5	76.8	70.9	65.3	60.0	55.0
137.5°	102.8	97.9	93.0	88.0	83.0	78.1	72.5	67.1	61.7	56.8	52.2
140°	96.7	91.9	87.2	82.5	78.0	73.1	67.9	62.9	58.0	53.4	49.3
142.5°	89.9	85.6	81.3	77.1	73.1	68.0	63.2	58.4	53.9	49.5	45.8
145°	83.2	79.4	75.3	71.3	67.1	62.7	58.3	54.0	49.7	45.8	42.3
147.5°	76.3	72.8	69.1	65.2	61.3	57.4	53.4	49.5	45.5	42.0	38.8
150°	69.3	66.0	62.6	59.1	55.6	52.1	48.5	44.9	41.4	38.3	35.3
152.5°	62.2	59.3	56.2	53.0	49.9	46.7	43.6	40.4	37.4	34.5	32.0
155°	55.1	52.5	49.7	46.7	43.8	41.1	38.4	35.7	33.3	30.6	28.7
157.5°	48.0	45.6	43.1	40.4	38.0	35.7	33.2	31.1	29.0	26.9	25.1
160°	40.8	38.7	36.5	34.5	32.4	30.2	28.5	26.7	24.8	23.2	21.7
162.5°	33.9	31.9	30.2	28.3	26.6	25.1	23.6	22.0	20.6	19.3	17.9
165°	26.8	25.3	24.0	22.6	21.3	20.0	18.7	17.6	16.5	15.4	14.2
167.5°	20.0	19.1	18.1	17.0	15.9	15.0	14.3	13.5	12.6	11.8	11.2
170°	14.3	13.4	12.6	12.0	11.5	10.9	10.3	9.6	9.0	8.6	8.4
172.5°	9.3	9.0	8.6	8.2	7.8	7.4	6.9	6.6	6.4	6.2	6.0
175°	5.5	5.2	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.5
177.5°	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	1.7	1.5	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1
5°	3.3	3.0	2.8	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1
7.5°	5.7	5.4	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.1	3.9
10°	8.1	7.8	7.4	7.1	7.0	6.9	6.7	6.5	6.4	6.2	6.0
12.5°	10.9	10.5	10.1	9.7	9.6	9.4	9.2	9.0	8.7	8.5	8.2
15°	13.7	13.3	12.8	12.3	12.1	11.9	11.7	11.5	11.1	10.8	10.5
17.5°	16.8	16.2	15.6	14.9	14.7	14.5	14.2	13.9	13.5	13.2	12.8
20°	20.0	19.2	18.4	17.5	17.3	17.0	16.7	16.4	16.0	15.5	15.3
22.5°	23.3	22.2	21.5	20.8	20.3	19.7	19.2	18.8	18.4	18.1	17.8
25°	27.0	25.5	24.5	23.4	23.1	22.7	22.3	21.9	21.4	20.9	20.4
27.5°	30.1	28.3	27.2	26.0	25.7	25.3	24.9	24.4	23.9	23.3	22.7
30°	33.2	31.0	29.8	28.6	28.2	27.8	27.4	26.9	26.3	25.7	25.1
32.5°	36.3	33.9	32.5	31.2	30.8	30.3	29.7	29.1	28.5	27.9	27.3
35°	39.4	36.9	35.2	33.7	33.3	32.8	32.0	31.2	30.6	30.0	29.4
37.5°	42.4	39.6	37.6	36.0	35.6	35.0	34.3	33.7	33.0	32.2	31.4
40°	45.5	42.3	39.9	38.3	37.8	37.3	36.8	36.2	35.4	34.3	33.5
42.5°	48.0	44.8	42.3	40.6	39.9	39.3	38.8	38.1	37.3	36.4	35.5
45°	50.6	47.2	44.6	42.8	41.9	41.2	40.6	40.0	39.3	38.4	37.3
47.5°	53.1	49.4	46.6	44.8	43.8	43.1	42.5	41.8	41.2	40.3	39.1
50°	55.6	51.7	48.7	46.7	45.7	45.0	44.4	43.7	43.1	42.0	40.8
52.5°	58.1	53.8	50.7	48.7	47.6	46.9	46.2	45.4	44.7	43.5	42.4
55°	60.5	56.0	52.7	50.6	49.5	48.8	47.9	46.9	46.2	44.9	44.0
57.5°	62.5	57.5	54.1	51.9	51.1	50.2	49.3	48.5	47.7	46.4	45.5
60°	64.5	59.0	55.4	53.2	52.7	51.6	50.8	50.1	49.2	47.9	46.8
62.5°	66.1	60.8	56.8	54.5	53.6	52.8	52.0	51.2	50.3	49.2	47.9
65°	67.7	62.6	58.1	55.8	54.6	54.0	53.3	52.2	51.3	50.3	49.0
67.5°	69.1	63.5	59.5	57.1	55.9	55.3	54.6	53.4	52.2	51.0	49.8
70°	70.7	64.9	60.8	58.4	57.2	55.9	55.3	54.5	53.4	52.0	50.7
72.5°	71.7	65.7	61.5	59.1	57.8	56.8	56.2	55.3	54.1	52.8	51.5
75°	72.6	66.5	62.3	59.7	58.4	57.7	57.1	55.9	54.6	53.3	52.0
77.5°	73.2	67.2	62.9	60.4	59.1	58.1	57.4	56.5	55.2	53.9	52.6
80°	73.7	68.1	63.6	61.0	59.7	58.4	57.7	57.1	55.8	54.5	53.2
82.5°	74.3	68.4	63.9	61.3	60.0	58.7	58.1	57.1	56.2	54.9	53.6
85°	74.6	68.8	64.2	61.6	60.3	59.0	58.4	57.1	56.5	55.2	53.9
87.5°	74.6	68.8	64.2	61.6	60.3	59.4	58.4	57.4	56.5	55.2	53.9
90°	74.6	68.8	64.2	61.6	60.3	59.7	58.4	57.7	56.5	55.2	53.9
92.5°	74.6	68.8	64.2	61.6	60.3	59.4	58.4	57.4	56.5	55.2	53.9
95°	74.6	68.8	64.2	61.6	60.3	59.0	58.4	57.1	56.5	55.2	53.9
97.5°	74.3	68.4	63.9	61.3	60.0	58.7	58.1	57.1	56.2	54.9	53.6
100°	73.7	68.1	63.6	61.0	59.7	58.4	57.7	57.1	55.8	54.5	53.2
102.5°	73.2	67.2	62.9	60.4	59.1	58.1	57.4	56.5	55.2	53.9	52.6
105°	72.6	66.5	62.3	59.7	58.4	57.7	57.1	55.9	54.6	53.3	52.0
107.5°	71.7	65.7	61.5	59.1	57.8	56.8	56.2	55.3	54.1	52.8	51.5
110°	70.7	64.9	60.8	58.4	57.2	55.9	55.3	54.5	53.4	52.0	50.7



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	69.1	63.5	59.5	57.1	55.9	55.3	54.6	53.4	52.2	51.0	49.8
115°	67.7	62.6	58.1	55.8	54.6	54.0	53.3	52.2	51.3	50.3	49.0
117.5°	66.1	60.8	56.8	54.5	53.6	52.8	52.0	51.2	50.3	49.2	47.9
120°	64.5	59.0	55.4	53.2	52.7	51.6	50.8	50.1	49.2	47.9	46.8
122.5°	62.5	57.5	54.1	51.9	51.1	50.2	49.3	48.5	47.7	46.4	45.5
125°	60.5	56.0	52.7	50.6	49.5	48.8	47.9	46.9	46.2	44.9	44.0
127.5°	58.1	53.8	50.7	48.7	47.6	46.9	46.2	45.4	44.7	43.5	42.4
130°	55.6	51.7	48.7	46.7	45.7	45.0	44.4	43.7	43.1	42.0	40.8
132.5°	53.1	49.4	46.6	44.8	43.8	43.1	42.5	41.8	41.2	40.3	39.1
135°	50.6	47.2	44.6	42.8	41.9	41.2	40.6	40.0	39.3	38.4	37.3
137.5°	48.0	44.8	42.3	40.6	39.9	39.3	38.8	38.1	37.3	36.4	35.5
140°	45.5	42.3	39.9	38.3	37.8	37.3	36.8	36.2	35.4	34.3	33.5
142.5°	42.4	39.6	37.6	36.0	35.6	35.0	34.3	33.7	33.0	32.2	31.4
145°	39.4	36.9	35.2	33.7	33.3	32.8	32.0	31.2	30.6	30.0	29.4
147.5°	36.3	33.9	32.5	31.2	30.8	30.3	29.7	29.1	28.5	27.9	27.3
150°	33.2	31.0	29.8	28.6	28.2	27.8	27.4	26.9	26.3	25.7	25.1
152.5°	30.1	28.3	27.2	26.0	25.7	25.3	24.9	24.4	23.9	23.3	22.7
155°	27.0	25.5	24.5	23.4	23.1	22.7	22.3	21.9	21.4	20.9	20.4
157.5°	23.3	22.2	21.5	20.8	20.3	19.7	19.2	18.8	18.4	18.1	17.8
160°	20.0	19.2	18.4	17.5	17.3	17.0	16.7	16.4	16.0	15.5	15.3
162.5°	16.8	16.2	15.6	14.9	14.7	14.5	14.2	13.9	13.5	13.2	12.8
165°	13.7	13.3	12.8	12.3	12.1	11.9	11.7	11.5	11.1	10.8	10.5
167.5°	10.9	10.5	10.1	9.7	9.6	9.4	9.2	9.0	8.7	8.5	8.2
170°	8.1	7.8	7.4	7.1	7.0	6.9	6.7	6.5	6.4	6.2	6.0
172.5°	5.7	5.4	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.1	3.9
175°	3.3	3.0	2.8	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1
177.5°	1.7	1.5	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1
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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7
5°	2.0	1.9	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3
7.5°	3.8	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.1
10°	5.7	5.5	5.3	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.5
12.5°	7.8	7.5	7.2	6.9	6.7	6.4	6.1	5.8	5.4	5.1	4.7
15°	10.1	9.7	9.4	9.0	8.6	8.3	7.9	7.4	6.9	6.4	5.9
17.5°	12.4	12.0	11.5	11.1	10.7	10.3	9.9	9.3	8.7	8.1	7.5
20°	14.9	14.6	14.1	13.5	13.0	12.4	11.7	11.0	10.3	9.5	8.9
22.5°	17.5	17.0	16.4	15.7	15.0	14.3	13.5	12.8	12.0	11.2	10.4
25°	19.8	19.2	18.5	17.8	17.1	16.3	15.5	14.6	13.7	12.9	12.0
27.5°	22.1	21.5	20.7	19.9	19.1	18.3	17.4	16.5	15.5	14.5	13.4
30°	24.5	23.7	22.9	22.0	21.1	20.2	19.3	18.3	17.3	16.2	15.1
32.5°	26.7	25.9	25.0	23.8	22.9	22.0	21.0	20.1	19.1	18.0	16.8
35°	28.6	27.8	26.9	25.8	24.8	23.8	22.8	21.7	20.7	19.5	18.3
37.5°	30.7	29.9	29.0	27.8	26.6	25.6	24.6	23.5	22.2	20.8	19.4
40°	32.7	31.9	30.8	29.5	28.5	27.5	26.4	25.1	23.6	22.1	20.8
42.5°	34.7	33.9	32.6	31.4	30.5	29.2	27.9	26.5	24.9	23.4	22.1
45°	36.5	35.5	34.2	33.3	32.1	30.7	29.2	27.7	26.2	24.8	23.6
47.5°	38.2	37.0	35.9	35.0	33.6	32.1	30.6	29.0	27.4	25.9	24.6
50°	39.7	38.6	37.5	36.3	35.0	33.6	32.0	30.4	28.7	27.3	25.9
52.5°	41.3	40.3	38.9	37.6	36.2	34.7	33.2	31.7	30.1	28.5	26.9
55°	42.9	41.7	40.3	38.9	37.4	35.9	34.4	32.8	31.0	29.4	27.8
57.5°	44.3	43.0	41.7	40.2	38.7	36.9	35.4	33.7	31.8	30.2	28.5
60°	45.4	44.1	42.7	41.4	39.8	37.8	36.3	34.7	32.8	31.0	29.3
62.5°	46.5	45.2	43.8	42.4	40.6	38.8	37.3	35.6	33.7	31.6	29.8
65°	47.7	46.3	44.6	43.2	41.5	39.8	38.0	36.3	34.5	32.3	30.5
67.5°	48.5	47.1	45.4	44.0	42.5	40.6	38.6	37.0	35.2	33.1	31.0
70°	49.3	47.9	46.4	44.9	43.0	41.1	39.4	37.8	35.8	33.7	31.6
72.5°	50.2	48.5	47.0	45.3	43.6	42.0	40.1	38.1	36.1	34.1	32.1
75°	50.7	49.0	47.5	45.7	43.9	42.3	40.5	38.5	36.5	34.4	32.3
77.5°	51.1	49.5	47.9	46.2	44.3	42.7	40.9	38.9	36.7	34.5	32.4
80°	51.4	50.0	48.2	46.6	44.8	43.0	41.1	39.1	36.7	34.5	32.6
82.5°	51.7	50.3	48.4	46.9	45.0	43.0	41.2	39.2	36.8	34.7	32.7
85°	51.9	50.6	48.7	46.8	44.9	42.9	41.0	39.0	36.9	34.9	32.6
87.5°	51.9	50.6	48.7	47.4	45.4	43.5	41.5	38.9	37.0	35.0	32.4
90°	51.9	50.6	48.7	47.0	45.1	43.1	41.2	38.9	37.0	35.0	32.5
92.5°	51.9	50.6	48.7	46.8	44.9	42.9	41.0	39.0	36.9	34.9	32.6
95°	51.9	50.6	48.7	46.8	44.9	42.9	41.0	39.0	36.9	34.9	32.6
97.5°	51.7	50.3	48.4	46.9	45.0	43.0	41.2	39.2	36.8	34.7	32.7
100°	51.4	50.0	48.2	46.6	44.8	43.0	41.1	39.1	36.7	34.5	32.6
102.5°	51.1	49.5	47.9	46.2	44.3	42.7	40.9	38.9	36.7	34.5	32.4
105°	50.7	49.0	47.5	45.7	43.9	42.3	40.5	38.5	36.5	34.4	32.3
107.5°	50.2	48.5	47.0	45.3	43.6	42.0	40.1	38.1	36.1	34.1	32.1
110°	49.3	47.9	46.4	44.9	43.0	41.1	39.4	37.8	35.8	33.7	31.6



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	48.5	47.1	45.4	44.0	42.5	40.6	38.6	37.0	35.2	33.1	31.0
115°	47.7	46.3	44.6	43.2	41.5	39.8	38.0	36.3	34.5	32.3	30.5
117.5°	46.5	45.2	43.8	42.4	40.6	38.8	37.3	35.6	33.7	31.6	29.8
120°	45.4	44.1	42.7	41.4	39.8	37.8	36.3	34.7	32.8	31.0	29.3
122.5°	44.3	43.0	41.7	40.2	38.7	36.9	35.4	33.7	31.8	30.2	28.5
125°	42.9	41.7	40.3	38.9	37.4	35.9	34.4	32.8	31.0	29.4	27.8
127.5°	41.3	40.3	38.9	37.6	36.2	34.7	33.2	31.7	30.1	28.5	26.9
130°	39.7	38.6	37.5	36.3	35.0	33.6	32.0	30.4	28.7	27.3	25.9
132.5°	38.2	37.0	35.9	35.0	33.6	32.1	30.6	29.0	27.4	25.9	24.6
135°	36.5	35.5	34.2	33.3	32.1	30.7	29.2	27.7	26.2	24.8	23.6
137.5°	34.7	33.9	32.6	31.4	30.5	29.2	27.9	26.5	24.9	23.4	22.1
140°	32.7	31.9	30.8	29.5	28.5	27.5	26.4	25.1	23.6	22.1	20.8
142.5°	30.7	29.9	29.0	27.8	26.6	25.6	24.6	23.5	22.2	20.8	19.4
145°	28.6	27.8	26.9	25.8	24.8	23.8	22.8	21.7	20.7	19.5	18.3
147.5°	26.7	25.9	25.0	23.8	22.9	22.0	21.0	20.1	19.1	18.0	16.8
150°	24.5	23.7	22.9	22.0	21.1	20.2	19.3	18.3	17.3	16.2	15.1
152.5°	22.1	21.5	20.7	19.9	19.1	18.3	17.4	16.5	15.5	14.5	13.4
155°	19.8	19.2	18.5	17.8	17.1	16.3	15.5	14.6	13.7	12.9	12.0
157.5°	17.5	17.0	16.4	15.7	15.0	14.3	13.5	12.8	12.0	11.2	10.4
160°	14.9	14.6	14.1	13.5	13.0	12.4	11.7	11.0	10.3	9.5	8.9
162.5°	12.4	12.0	11.5	11.1	10.7	10.3	9.9	9.3	8.7	8.1	7.5
165°	10.1	9.7	9.4	9.0	8.6	8.3	7.9	7.4	6.9	6.4	5.9
167.5°	7.8	7.5	7.2	6.9	6.7	6.4	6.1	5.8	5.4	5.1	4.7
170°	5.7	5.5	5.3	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.5
172.5°	3.8	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.1
175°	2.0	1.9	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3
177.5°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
5°	1.3	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.6
7.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9
10°	3.3	3.0	2.8	2.5	2.2	1.9	1.8	1.6	1.5	1.3	1.2
12.5°	4.4	4.0	3.7	3.4	3.0	2.6	2.2	1.8	1.5	1.3	1.1
15°	5.5	5.0	4.6	4.2	3.8	3.4	2.9	2.4	2.0	1.5	1.2
17.5°	7.0	6.5	5.9	5.4	4.9	4.4	3.8	3.2	2.6	2.1	1.6
20°	8.2	7.7	7.0	6.4	5.6	4.9	4.2	3.7	3.2	2.6	2.1
22.5°	9.7	9.0	8.3	7.5	6.7	5.9	5.2	4.4	3.7	3.1	2.5
25°	11.2	10.2	9.3	8.4	7.6	6.8	5.9	4.9	4.0	3.4	2.7
27.5°	12.4	11.6	10.8	9.9	8.9	7.8	6.8	5.8	4.9	3.9	3.2
30°	14.1	13.3	12.2	11.0	9.8	8.6	7.4	6.4	5.5	4.5	3.5
32.5°	15.5	14.3	13.2	12.0	10.8	9.5	8.3	7.1	6.1	5.0	3.8
35°	17.1	15.6	14.2	13.0	11.8	10.5	9.2	7.9	6.6	5.5	4.3
37.5°	18.1	16.6	15.2	14.0	12.7	11.3	10.0	8.5	7.1	5.6	4.4
40°	19.5	18.1	16.6	15.1	13.6	12.2	10.7	9.2	7.6	6.1	4.7
42.5°	20.9	19.3	17.6	16.1	14.6	13.1	11.5	9.9	8.3	6.8	5.4
45°	21.9	20.2	18.7	17.2	15.5	13.9	12.1	10.1	8.7	7.3	5.7
47.5°	23.0	21.1	19.5	17.7	16.0	14.2	12.6	11.0	9.1	7.7	6.0
50°	24.1	22.2	20.3	18.6	16.9	15.1	13.4	11.4	9.4	8.0	6.5
52.5°	25.1	23.4	21.5	19.6	17.8	15.8	13.8	12.0	10.2	8.4	6.8
55°	25.7	24.0	22.2	20.0	18.2	16.4	14.5	12.7	10.7	8.8	6.8
57.5°	26.5	24.7	22.8	20.7	18.7	16.8	14.9	12.9	10.9	8.8	7.0
60°	27.3	25.5	23.5	21.2	19.3	17.4	15.4	13.2	11.2	9.0	7.1
62.5°	28.0	26.1	23.9	21.8	19.8	17.6	15.5	13.4	11.5	9.1	7.0
65°	28.5	26.4	24.3	22.1	19.9	18.1	16.0	13.7	11.3	9.1	7.0
67.5°	28.9	26.8	24.6	22.4	20.3	18.4	16.1	13.7	11.4	9.3	7.2
70°	29.3	27.2	25.1	22.8	20.5	18.3	16.2	13.9	11.4	9.0	7.1
72.5°	29.5	27.4	25.3	23.3	20.9	18.4	16.2	14.0	11.7	9.1	6.7
75°	29.7	27.7	25.6	23.5	20.9	18.6	16.4	14.1	11.6	9.2	6.6
77.5°	30.1	28.0	25.8	23.5	21.1	18.9	16.1	14.1	11.6	8.9	6.6
80°	30.2	28.0	25.7	23.4	21.1	18.5	16.1	13.7	11.4	8.9	6.5
82.5°	30.2	28.2	25.7	23.3	21.0	18.4	16.2	13.8	11.3	9.0	6.4
85°	30.4	28.1	25.6	23.2	21.1	18.6	16.0	13.5	10.9	8.5	6.2
87.5°	30.5	28.0	25.4	23.5	20.9	18.3	15.7	13.1	10.5	8.5	6.0
90°	30.5	27.9	25.3	23.4	20.8	18.2	15.6	13.0	10.4	8.4	5.8
92.5°	30.5	28.0	25.4	23.5	20.9	18.3	15.7	13.1	10.5	8.5	6.0
95°	30.4	28.1	25.6	23.2	21.1	18.6	16.0	13.5	10.9	8.5	6.2
97.5°	30.2	28.2	25.7	23.3	21.0	18.4	16.2	13.8	11.3	9.0	6.4
100°	30.2	28.0	25.7	23.4	21.1	18.5	16.1	13.7	11.4	8.9	6.5
102.5°	30.1	28.0	25.8	23.5	21.1	18.9	16.1	14.1	11.6	8.9	6.6
105°	29.7	27.7	25.6	23.5	20.9	18.6	16.4	14.1	11.6	9.2	6.6
107.5°	29.5	27.4	25.3	23.3	20.9	18.4	16.2	14.0	11.7	9.1	6.7
110°	29.3	27.2	25.1	22.8	20.5	18.3	16.2	13.9	11.4	9.0	7.1



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	28.9	26.8	24.6	22.4	20.3	18.4	16.1	13.7	11.4	9.3	7.2
115°	28.5	26.4	24.3	22.1	19.9	18.1	16.0	13.7	11.3	9.1	7.0
117.5°	28.0	26.1	23.9	21.8	19.8	17.6	15.5	13.4	11.5	9.1	7.0
120°	27.3	25.5	23.5	21.2	19.3	17.4	15.4	13.2	11.2	9.0	7.1
122.5°	26.5	24.7	22.8	20.7	18.7	16.8	14.9	12.9	10.9	8.8	7.0
125°	25.7	24.0	22.2	20.0	18.2	16.4	14.5	12.7	10.7	8.8	6.8
127.5°	25.1	23.4	21.5	19.6	17.8	15.8	13.8	12.0	10.2	8.4	6.8
130°	24.1	22.2	20.3	18.6	16.9	15.1	13.4	11.4	9.4	8.0	6.5
132.5°	23.0	21.1	19.5	17.7	16.0	14.2	12.6	11.0	9.1	7.7	6.0
135°	21.9	20.2	18.7	17.2	15.5	13.9	12.1	10.1	8.7	7.3	5.7
137.5°	20.9	19.3	17.6	16.1	14.6	13.1	11.5	9.9	8.3	6.8	5.4
140°	19.5	18.1	16.6	15.1	13.6	12.2	10.7	9.2	7.6	6.1	4.7
142.5°	18.1	16.6	15.2	14.0	12.7	11.3	10.0	8.5	7.1	5.6	4.4
145°	17.1	15.6	14.2	13.0	11.8	10.5	9.2	7.9	6.6	5.5	4.3
147.5°	15.5	14.3	13.2	12.0	10.8	9.5	8.3	7.1	6.1	5.0	3.8
150°	14.1	13.3	12.2	11.0	9.8	8.6	7.4	6.4	5.5	4.5	3.5
152.5°	12.4	11.6	10.8	9.9	8.9	7.8	6.8	5.8	4.9	3.9	3.2
155°	11.2	10.2	9.3	8.4	7.6	6.8	5.9	4.9	4.0	3.4	2.7
157.5°	9.7	9.0	8.3	7.5	6.7	5.9	5.2	4.4	3.7	3.1	2.5
160°	8.2	7.7	7.0	6.4	5.6	4.9	4.2	3.7	3.2	2.6	2.1
162.5°	7.0	6.5	5.9	5.4	4.9	4.4	3.8	3.2	2.6	2.1	1.6
165°	5.5	5.0	4.6	4.2	3.8	3.4	2.9	2.4	2.0	1.5	1.2
167.5°	4.4	4.0	3.7	3.4	3.0	2.6	2.2	1.8	1.5	1.3	1.1
170°	3.3	3.0	2.8	2.5	2.2	1.9	1.8	1.6	1.5	1.3	1.2
172.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9
175°	1.3	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.6
177.5°	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.2
5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.3
7.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
10°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
12.5°	0.9	0.8	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
15°	1.0	0.9	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
17.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
20°	1.5	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
22.5°	1.9	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
25°	2.0	1.3	0.7	0.5	0.3	0.1	0.0	0.1	0.3	0.5	0.7
27.5°	2.4	1.5	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
30°	2.6	1.8	1.0	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.0
32.5°	2.9	2.1	1.3	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.3
35°	3.1	2.2	1.4	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.4
37.5°	3.3	2.4	1.6	0.9	0.5	0.2	0.0	0.2	0.5	0.9	1.6
40°	3.6	2.4	1.6	1.0	0.5	0.3	0.0	0.3	0.5	1.0	1.6
42.5°	4.0	2.6	1.7	1.1	0.5	0.3	0.0	0.3	0.5	1.1	1.7
45°	4.1	2.9	1.9	1.2	0.6	0.3	0.0	0.3	0.6	1.2	1.9
47.5°	4.4	3.1	1.9	1.1	0.7	0.3	0.0	0.3	0.7	1.1	1.9
50°	5.0	3.4	2.0	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.0
52.5°	5.1	3.4	2.0	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.0
55°	4.8	3.3	1.9	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.9
57.5°	5.1	3.3	2.0	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.0
60°	5.3	3.4	2.1	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.1
62.5°	5.2	3.2	2.0	0.8	0.5	0.0	0.0	0.0	0.5	0.8	2.0
65°	5.0	3.3	1.8	0.7	0.6	0.0	0.0	0.0	0.6	0.7	1.8
67.5°	5.1	3.4	1.9	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.9
70°	5.2	3.3	1.9	0.9	0.4	0.0	0.0	0.0	0.4	0.9	1.9
72.5°	4.7	3.2	1.8	0.6	0.2	0.0	0.0	0.0	0.2	0.6	1.8
75°	4.5	2.8	1.5	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.5
77.5°	4.6	2.6	1.3	0.5	0.1	0.0	0.0	0.0	0.1	0.5	1.3
80°	4.3	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	3.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	3.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.3	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	4.6	2.6	1.3	0.5	0.1	0.0	0.0	0.0	0.1	0.5	1.3
105°	4.5	2.8	1.5	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.5
107.5°	4.7	3.2	1.8	0.6	0.2	0.0	0.0	0.0	0.2	0.6	1.8
110°	5.2	3.3	1.9	0.9	0.4	0.0	0.0	0.0	0.4	0.9	1.9



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	5.1	3.4	1.9	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.9
115°	5.0	3.3	1.8	0.7	0.6	0.0	0.0	0.0	0.6	0.7	1.8
117.5°	5.2	3.2	2.0	0.8	0.5	0.0	0.0	0.0	0.5	0.8	2.0
120°	5.3	3.4	2.1	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.1
122.5°	5.1	3.3	2.0	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.0
125°	4.8	3.3	1.9	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.9
127.5°	5.1	3.4	2.0	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.0
130°	5.0	3.4	2.0	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.0
132.5°	4.4	3.1	1.9	1.1	0.7	0.3	0.0	0.3	0.7	1.1	1.9
135°	4.1	2.9	1.9	1.2	0.6	0.3	0.0	0.3	0.6	1.2	1.9
137.5°	4.0	2.6	1.7	1.1	0.5	0.3	0.0	0.3	0.5	1.1	1.7
140°	3.6	2.4	1.6	1.0	0.5	0.3	0.0	0.3	0.5	1.0	1.6
142.5°	3.3	2.4	1.6	0.9	0.5	0.2	0.0	0.2	0.5	0.9	1.6
145°	3.1	2.2	1.4	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.4
147.5°	2.9	2.1	1.3	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.3
150°	2.6	1.8	1.0	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.0
152.5°	2.4	1.5	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
155°	2.0	1.3	0.7	0.5	0.3	0.1	0.0	0.1	0.3	0.5	0.7
157.5°	1.9	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
160°	1.5	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
162.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
165°	1.0	0.9	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
167.5°	0.9	0.8	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
170°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
172.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
175°	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.3
177.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.1	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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6
5°	0.4	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.0	1.1	1.2
7.5°	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
10°	0.8	1.0	1.2	1.3	1.5	1.6	1.8	1.9	2.2	2.5	2.8
12.5°	0.8	0.9	1.1	1.3	1.5	1.8	2.2	2.6	3.0	3.4	3.7
15°	0.9	1.0	1.2	1.5	2.0	2.4	2.9	3.4	3.8	4.2	4.6
17.5°	1.0	1.2	1.6	2.1	2.6	3.2	3.8	4.4	4.9	5.4	5.9
20°	1.2	1.5	2.1	2.6	3.2	3.7	4.2	4.9	5.6	6.4	7.0
22.5°	1.4	1.9	2.5	3.1	3.7	4.4	5.2	5.9	6.7	7.5	8.3
25°	1.3	2.0	2.7	3.4	4.0	4.9	5.9	6.8	7.6	8.4	9.3
27.5°	1.5	2.4	3.2	3.9	4.9	5.8	6.8	7.8	8.9	9.9	10.8
30°	1.8	2.6	3.5	4.5	5.5	6.4	7.4	8.6	9.8	11.0	12.2
32.5°	2.1	2.9	3.8	5.0	6.1	7.1	8.3	9.5	10.8	12.0	13.2
35°	2.2	3.1	4.3	5.5	6.6	7.9	9.2	10.5	11.8	13.0	14.2
37.5°	2.4	3.3	4.4	5.6	7.1	8.5	10.0	11.3	12.7	14.0	15.2
40°	2.4	3.6	4.7	6.1	7.6	9.2	10.7	12.2	13.6	15.1	16.6
42.5°	2.6	4.0	5.4	6.8	8.3	9.9	11.5	13.1	14.6	16.1	17.6
45°	2.9	4.1	5.7	7.3	8.7	10.1	12.1	13.9	15.5	17.2	18.7
47.5°	3.1	4.4	6.0	7.7	9.1	11.0	12.6	14.2	16.0	17.7	19.5
50°	3.4	5.0	6.5	8.0	9.4	11.4	13.4	15.1	16.9	18.6	20.3
52.5°	3.4	5.1	6.8	8.4	10.2	12.0	13.8	15.8	17.8	19.6	21.5
55°	3.3	4.8	6.8	8.8	10.7	12.7	14.5	16.4	18.2	20.0	22.2
57.5°	3.3	5.1	7.0	8.8	10.9	12.9	14.9	16.8	18.7	20.7	22.8
60°	3.4	5.3	7.1	9.0	11.2	13.2	15.4	17.4	19.3	21.2	23.5
62.5°	3.2	5.2	7.0	9.1	11.5	13.4	15.5	17.6	19.8	21.8	23.9
65°	3.3	5.0	7.0	9.1	11.3	13.7	16.0	18.1	19.9	22.1	24.3
67.5°	3.4	5.1	7.2	9.3	11.4	13.7	16.1	18.4	20.3	22.4	24.6
70°	3.3	5.2	7.1	9.0	11.4	13.9	16.2	18.3	20.5	22.8	25.1
72.5°	3.2	4.7	6.7	9.1	11.7	14.0	16.2	18.4	20.9	23.3	25.3
75°	2.8	4.5	6.6	9.2	11.6	14.1	16.4	18.6	20.9	23.5	25.6
77.5°	2.6	4.6	6.6	8.9	11.6	14.1	16.1	18.9	21.1	23.5	25.8
80°	2.4	4.3	6.5	8.9	11.4	13.7	16.1	18.5	21.1	23.4	25.7
82.5°	2.0	3.8	6.4	9.0	11.3	13.8	16.2	18.4	21.0	23.3	25.7
85°	1.0	3.9	6.2	8.5	10.9	13.5	16.0	18.6	21.1	23.2	25.6
87.5°	0.3	3.4	6.0	8.5	10.5	13.1	15.7	18.3	20.9	23.5	25.4
90°	0.0	3.2	5.8	8.4	10.4	13.0	15.6	18.2	20.8	23.4	25.3
92.5°	0.3	3.4	6.0	8.5	10.5	13.1	15.7	18.3	20.9	23.5	25.4
95°	1.0	3.9	6.2	8.5	10.9	13.5	16.0	18.6	21.1	23.2	25.6
97.5°	2.0	3.8	6.4	9.0	11.3	13.8	16.2	18.4	21.0	23.3	25.7
100°	2.4	4.3	6.5	8.9	11.4	13.7	16.1	18.5	21.1	23.4	25.7
102.5°	2.6	4.6	6.6	8.9	11.6	14.1	16.1	18.9	21.1	23.5	25.8
105°	2.8	4.5	6.6	9.2	11.6	14.1	16.4	18.6	20.9	23.5	25.6
107.5°	3.2	4.7	6.7	9.1	11.7	14.0	16.2	18.4	20.9	23.3	25.3
110°	3.3	5.2	7.1	9.0	11.4	13.9	16.2	18.3	20.5	22.8	25.1



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	3.4	5.1	7.2	9.3	11.4	13.7	16.1	18.4	20.3	22.4	24.6
115°	3.3	5.0	7.0	9.1	11.3	13.7	16.0	18.1	19.9	22.1	24.3
117.5°	3.2	5.2	7.0	9.1	11.5	13.4	15.5	17.6	19.8	21.8	23.9
120°	3.4	5.3	7.1	9.0	11.2	13.2	15.4	17.4	19.3	21.2	23.5
122.5°	3.3	5.1	7.0	8.8	10.9	12.9	14.9	16.8	18.7	20.7	22.8
125°	3.3	4.8	6.8	8.8	10.7	12.7	14.5	16.4	18.2	20.0	22.2
127.5°	3.4	5.1	6.8	8.4	10.2	12.0	13.8	15.8	17.8	19.6	21.5
130°	3.4	5.0	6.5	8.0	9.4	11.4	13.4	15.1	16.9	18.6	20.3
132.5°	3.1	4.4	6.0	7.7	9.1	11.0	12.6	14.2	16.0	17.7	19.5
135°	2.9	4.1	5.7	7.3	8.7	10.1	12.1	13.9	15.5	17.2	18.7
137.5°	2.6	4.0	5.4	6.8	8.3	9.9	11.5	13.1	14.6	16.1	17.6
140°	2.4	3.6	4.7	6.1	7.6	9.2	10.7	12.2	13.6	15.1	16.6
142.5°	2.4	3.3	4.4	5.6	7.1	8.5	10.0	11.3	12.7	14.0	15.2
145°	2.2	3.1	4.3	5.5	6.6	7.9	9.2	10.5	11.8	13.0	14.2
147.5°	2.1	2.9	3.8	5.0	6.1	7.1	8.3	9.5	10.8	12.0	13.2
150°	1.8	2.6	3.5	4.5	5.5	6.4	7.4	8.6	9.8	11.0	12.2
152.5°	1.5	2.4	3.2	3.9	4.9	5.8	6.8	7.8	8.9	9.9	10.8
155°	1.3	2.0	2.7	3.4	4.0	4.9	5.9	6.8	7.6	8.4	9.3
157.5°	1.4	1.9	2.5	3.1	3.7	4.4	5.2	5.9	6.7	7.5	8.3
160°	1.2	1.5	2.1	2.6	3.2	3.7	4.2	4.9	5.6	6.4	7.0
162.5°	1.0	1.2	1.6	2.1	2.6	3.2	3.8	4.4	4.9	5.4	5.9
165°	0.9	1.0	1.2	1.5	2.0	2.4	2.9	3.4	3.8	4.2	4.6
167.5°	0.8	0.9	1.1	1.3	1.5	1.8	2.2	2.6	3.0	3.4	3.7
170°	0.8	1.0	1.2	1.3	1.5	1.6	1.8	1.9	2.2	2.5	2.8
172.5°	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
175°	0.4	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.0	1.1	1.2
177.5°	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6
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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0
5°	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.8
7.5°	1.8	1.9	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5
10°	3.0	3.3	3.5	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.3
12.5°	4.0	4.4	4.7	5.1	5.4	5.8	6.1	6.4	6.7	6.9	7.2
15°	5.0	5.5	5.9	6.4	6.9	7.4	7.9	8.3	8.6	9.0	9.4
17.5°	6.5	7.0	7.5	8.1	8.7	9.3	9.9	10.3	10.7	11.1	11.5
20°	7.7	8.2	8.9	9.5	10.3	11.0	11.7	12.4	13.0	13.5	14.1
22.5°	9.0	9.7	10.4	11.2	12.0	12.8	13.5	14.3	15.0	15.7	16.4
25°	10.2	11.2	12.0	12.9	13.7	14.6	15.5	16.3	17.1	17.8	18.5
27.5°	11.6	12.4	13.4	14.5	15.5	16.5	17.4	18.3	19.1	19.9	20.7
30°	13.3	14.1	15.1	16.2	17.3	18.3	19.3	20.2	21.1	22.0	22.9
32.5°	14.3	15.5	16.8	18.0	19.1	20.1	21.0	22.0	22.9	23.8	25.0
35°	15.6	17.1	18.3	19.5	20.7	21.7	22.8	23.8	24.8	25.8	26.9
37.5°	16.6	18.1	19.4	20.8	22.2	23.5	24.6	25.6	26.6	27.8	29.0
40°	18.1	19.5	20.8	22.1	23.6	25.1	26.4	27.5	28.5	29.5	30.8
42.5°	19.3	20.9	22.1	23.4	24.9	26.5	27.9	29.2	30.5	31.4	32.6
45°	20.2	21.9	23.6	24.8	26.2	27.7	29.2	30.7	32.1	33.3	34.2
47.5°	21.1	23.0	24.6	25.9	27.4	29.0	30.6	32.1	33.6	35.0	35.9
50°	22.2	24.1	25.9	27.3	28.7	30.4	32.0	33.6	35.0	36.3	37.5
52.5°	23.4	25.1	26.9	28.5	30.1	31.7	33.2	34.7	36.2	37.6	38.9
55°	24.0	25.7	27.8	29.4	31.0	32.8	34.4	35.9	37.4	38.9	40.3
57.5°	24.7	26.5	28.5	30.2	31.8	33.7	35.4	36.9	38.7	40.2	41.7
60°	25.5	27.3	29.3	31.0	32.8	34.7	36.3	37.8	39.8	41.4	42.7
62.5°	26.1	28.0	29.8	31.6	33.7	35.6	37.3	38.8	40.6	42.4	43.8
65°	26.4	28.5	30.5	32.3	34.5	36.3	38.0	39.8	41.5	43.2	44.6
67.5°	26.8	28.9	31.0	33.1	35.2	37.0	38.6	40.6	42.5	44.0	45.4
70°	27.2	29.3	31.6	33.7	35.8	37.8	39.4	41.1	43.0	44.9	46.4
72.5°	27.4	29.5	32.1	34.1	36.1	38.1	40.1	42.0	43.6	45.3	47.0
75°	27.7	29.7	32.3	34.4	36.5	38.5	40.5	42.3	43.9	45.7	47.5
77.5°	28.0	30.1	32.4	34.5	36.7	38.9	40.9	42.7	44.3	46.2	47.9
80°	28.0	30.2	32.6	34.5	36.7	39.1	41.1	43.0	44.8	46.6	48.2
82.5°	28.2	30.2	32.7	34.7	36.8	39.2	41.2	43.0	45.0	46.9	48.4
85°	28.1	30.4	32.6	34.9	36.9	39.0	41.0	42.9	44.9	46.8	48.7
87.5°	28.0	30.5	32.5	35.0	37.0	38.9	41.2	43.1	45.1	47.0	48.7
90°	27.9	30.5	32.4	35.0	37.0	38.9	41.5	43.5	45.4	47.4	48.7
92.5°	28.0	30.5	32.5	35.0	37.0	38.9	41.2	43.1	45.1	47.0	48.7
95°	28.1	30.4	32.6	34.9	36.9	39.0	41.0	42.9	44.9	46.8	48.7
97.5°	28.2	30.2	32.7	34.7	36.8	39.2	41.2	43.0	45.0	46.9	48.4
100°	28.0	30.2	32.6	34.5	36.7	39.1	41.1	43.0	44.8	46.6	48.2
102.5°	28.0	30.1	32.4	34.5	36.7	38.9	40.9	42.7	44.3	46.2	47.9
105°	27.7	29.7	32.3	34.4	36.5	38.5	40.5	42.3	43.9	45.7	47.5
107.5°	27.4	29.5	32.1	34.1	36.1	38.1	40.1	42.0	43.6	45.3	47.0
110°	27.2	29.3	31.6	33.7	35.8	37.8	39.4	41.1	43.0	44.9	46.4



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	26.8	28.9	31.0	33.1	35.2	37.0	38.6	40.6	42.5	44.0	45.4
115°	26.4	28.5	30.5	32.3	34.5	36.3	38.0	39.8	41.5	43.2	44.6
117.5°	26.1	28.0	29.8	31.6	33.7	35.6	37.3	38.8	40.6	42.4	43.8
120°	25.5	27.3	29.3	31.0	32.8	34.7	36.3	37.8	39.8	41.4	42.7
122.5°	24.7	26.5	28.5	30.2	31.8	33.7	35.4	36.9	38.7	40.2	41.7
125°	24.0	25.7	27.8	29.4	31.0	32.8	34.4	35.9	37.4	38.9	40.3
127.5°	23.4	25.1	26.9	28.5	30.1	31.7	33.2	34.7	36.2	37.6	38.9
130°	22.2	24.1	25.9	27.3	28.7	30.4	32.0	33.6	35.0	36.3	37.5
132.5°	21.1	23.0	24.6	25.9	27.4	29.0	30.6	32.1	33.6	35.0	35.9
135°	20.2	21.9	23.6	24.8	26.2	27.7	29.2	30.7	32.1	33.3	34.2
137.5°	19.3	20.9	22.1	23.4	24.9	26.5	27.9	29.2	30.5	31.4	32.6
140°	18.1	19.5	20.8	22.1	23.6	25.1	26.4	27.5	28.5	29.5	30.8
142.5°	16.6	18.1	19.4	20.8	22.2	23.5	24.6	25.6	26.6	27.8	29.0
145°	15.6	17.1	18.3	19.5	20.7	21.7	22.8	23.8	24.8	25.8	26.9
147.5°	14.3	15.5	16.8	18.0	19.1	20.1	21.0	22.0	22.9	23.8	25.0
150°	13.3	14.1	15.1	16.2	17.3	18.3	19.3	20.2	21.1	22.0	22.9
152.5°	11.6	12.4	13.4	14.5	15.5	16.5	17.4	18.3	19.1	19.9	20.7
155°	10.2	11.2	12.0	12.9	13.7	14.6	15.5	16.3	17.1	17.8	18.5
157.5°	9.0	9.7	10.4	11.2	12.0	12.8	13.5	14.3	15.0	15.7	16.4
160°	7.7	8.2	8.9	9.5	10.3	11.0	11.7	12.4	13.0	13.5	14.1
162.5°	6.5	7.0	7.5	8.1	8.7	9.3	9.9	10.3	10.7	11.1	11.5
165°	5.0	5.5	5.9	6.4	6.9	7.4	7.9	8.3	8.6	9.0	9.4
167.5°	4.0	4.4	4.7	5.1	5.4	5.8	6.1	6.4	6.7	6.9	7.2
170°	3.0	3.3	3.5	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.3
172.5°	1.8	1.9	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5
175°	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.8
177.5°	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0
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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4
5°	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6	2.8
7.5°	3.6	3.8	3.9	4.1	4.3	4.4	4.5	4.7	4.8	4.9	5.1
10°	5.5	5.7	6.0	6.2	6.4	6.5	6.7	6.9	7.0	7.1	7.4
12.5°	7.5	7.8	8.2	8.5	8.7	9.0	9.2	9.4	9.6	9.7	10.1
15°	9.7	10.1	10.5	10.8	11.1	11.5	11.7	11.9	12.1	12.3	12.8
17.5°	12.0	12.4	12.8	13.2	13.5	13.9	14.2	14.5	14.7	14.9	15.6
20°	14.6	14.9	15.3	15.5	16.0	16.4	16.7	17.0	17.3	17.5	18.4
22.5°	17.0	17.5	17.8	18.1	18.4	18.8	19.2	19.7	20.3	20.8	21.5
25°	19.2	19.8	20.4	20.9	21.4	21.9	22.3	22.7	23.1	23.4	24.5
27.5°	21.5	22.1	22.7	23.3	23.9	24.4	24.9	25.3	25.7	26.0	27.2
30°	23.7	24.5	25.1	25.7	26.3	26.9	27.4	27.8	28.2	28.6	29.8
32.5°	25.9	26.7	27.3	27.9	28.5	29.1	29.7	30.3	30.8	31.2	32.5
35°	27.8	28.6	29.4	30.0	30.6	31.2	32.0	32.8	33.3	33.7	35.2
37.5°	29.9	30.7	31.4	32.2	33.0	33.7	34.3	35.0	35.6	36.0	37.6
40°	31.9	32.7	33.5	34.3	35.4	36.2	36.8	37.3	37.8	38.3	39.9
42.5°	33.9	34.7	35.5	36.4	37.3	38.1	38.8	39.3	39.9	40.6	42.3
45°	35.5	36.5	37.3	38.4	39.3	40.0	40.6	41.2	41.9	42.8	44.6
47.5°	37.0	38.2	39.1	40.3	41.2	41.8	42.5	43.1	43.8	44.8	46.6
50°	38.6	39.7	40.8	42.0	43.1	43.7	44.4	45.0	45.7	46.7	48.7
52.5°	40.3	41.3	42.4	43.5	44.7	45.4	46.2	46.9	47.6	48.7	50.7
55°	41.7	42.9	44.0	44.9	46.2	46.9	47.9	48.8	49.5	50.6	52.7
57.5°	43.0	44.3	45.5	46.4	47.7	48.5	49.3	50.2	51.1	51.9	54.1
60°	44.1	45.4	46.8	47.9	49.2	50.1	50.8	51.6	52.7	53.2	55.4
62.5°	45.2	46.5	47.9	49.2	50.3	51.2	52.0	52.8	53.6	54.5	56.8
65°	46.3	47.7	49.0	50.3	51.3	52.2	53.3	54.0	54.6	55.8	58.1
67.5°	47.1	48.5	49.8	51.0	52.2	53.4	54.6	55.3	55.9	57.1	59.5
70°	47.9	49.3	50.7	52.0	53.4	54.5	55.3	55.9	57.2	58.4	60.8
72.5°	48.5	50.2	51.5	52.8	54.1	55.3	56.2	56.8	57.8	59.1	61.5
75°	49.0	50.7	52.0	53.3	54.6	55.9	57.1	57.7	58.4	59.7	62.3
77.5°	49.5	51.1	52.6	53.9	55.2	56.5	57.4	58.1	59.1	60.4	62.9
80°	50.0	51.4	53.2	54.5	55.8	57.1	57.7	58.4	59.7	61.0	63.6
82.5°	50.3	51.7	53.6	54.9	56.2	57.1	58.1	58.7	60.0	61.3	63.9
85°	50.6	51.9	53.9	55.2	56.5	57.1	58.4	59.0	60.3	61.6	64.2
87.5°	50.6	51.9	53.9	55.2	56.5	57.7	58.4	59.7	60.3	61.6	64.2
90°	50.6	51.9	53.9	55.2	56.5	57.7	58.4	59.7	60.3	61.6	64.2
92.5°	50.6	51.9	53.9	55.2	56.5	57.4	58.4	59.4	60.3	61.6	64.2
95°	50.6	51.9	53.9	55.2	56.5	57.1	58.4	59.0	60.3	61.6	64.2
97.5°	50.3	51.7	53.6	54.9	56.2	57.1	58.1	58.7	60.0	61.3	63.9
100°	50.0	51.4	53.2	54.5	55.8	57.1	57.7	58.4	59.7	61.0	63.6
102.5°	49.5	51.1	52.6	53.9	55.2	56.5	57.4	58.1	59.1	60.4	62.9
105°	49.0	50.7	52.0	53.3	54.6	55.9	57.1	57.7	58.4	59.7	62.3
107.5°	48.5	50.2	51.5	52.8	54.1	55.3	56.2	56.8	57.8	59.1	61.5
110°	47.9	49.3	50.7	52.0	53.4	54.5	55.3	55.9	57.2	58.4	60.8



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	47.1	48.5	49.8	51.0	52.2	53.4	54.6	55.3	55.9	57.1	59.5
115°	46.3	47.7	49.0	50.3	51.3	52.2	53.3	54.0	54.6	55.8	58.1
117.5°	45.2	46.5	47.9	49.2	50.3	51.2	52.0	52.8	53.6	54.5	56.8
120°	44.1	45.4	46.8	47.9	49.2	50.1	50.8	51.6	52.7	53.2	55.4
122.5°	43.0	44.3	45.5	46.4	47.7	48.5	49.3	50.2	51.1	51.9	54.1
125°	41.7	42.9	44.0	44.9	46.2	46.9	47.9	48.8	49.5	50.6	52.7
127.5°	40.3	41.3	42.4	43.5	44.7	45.4	46.2	46.9	47.6	48.7	50.7
130°	38.6	39.7	40.8	42.0	43.1	43.7	44.4	45.0	45.7	46.7	48.7
132.5°	37.0	38.2	39.1	40.3	41.2	41.8	42.5	43.1	43.8	44.8	46.6
135°	35.5	36.5	37.3	38.4	39.3	40.0	40.6	41.2	41.9	42.8	44.6
137.5°	33.9	34.7	35.5	36.4	37.3	38.1	38.8	39.3	39.9	40.6	42.3
140°	31.9	32.7	33.5	34.3	35.4	36.2	36.8	37.3	37.8	38.3	39.9
142.5°	29.9	30.7	31.4	32.2	33.0	33.7	34.3	35.0	35.6	36.0	37.6
145°	27.8	28.6	29.4	30.0	30.6	31.2	32.0	32.8	33.3	33.7	35.2
147.5°	25.9	26.7	27.3	27.9	28.5	29.1	29.7	30.3	30.8	31.2	32.5
150°	23.7	24.5	25.1	25.7	26.3	26.9	27.4	27.8	28.2	28.6	29.8
152.5°	21.5	22.1	22.7	23.3	23.9	24.4	24.9	25.3	25.7	26.0	27.2
155°	19.2	19.8	20.4	20.9	21.4	21.9	22.3	22.7	23.1	23.4	24.5
157.5°	17.0	17.5	17.8	18.1	18.4	18.8	19.2	19.7	20.3	20.8	21.5
160°	14.6	14.9	15.3	15.5	16.0	16.4	16.7	17.0	17.3	17.5	18.4
162.5°	12.0	12.4	12.8	13.2	13.5	13.9	14.2	14.5	14.7	14.9	15.6
165°	9.7	10.1	10.5	10.8	11.1	11.5	11.7	11.9	12.1	12.3	12.8
167.5°	7.5	7.8	8.2	8.5	8.7	9.0	9.2	9.4	9.6	9.7	10.1
170°	5.5	5.7	6.0	6.2	6.4	6.5	6.7	6.9	7.0	7.1	7.4
172.5°	3.6	3.8	3.9	4.1	4.3	4.4	4.5	4.7	4.8	4.9	5.1
175°	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6	2.8
177.5°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
5°	3.0	3.3	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9
7.5°	5.4	5.7	6.0	6.2	6.4	6.6	6.9	7.4	7.8	8.2	8.6
10°	7.8	8.1	8.4	8.6	9.0	9.6	10.3	10.9	11.5	12.0	12.6
12.5°	10.5	10.9	11.2	11.8	12.6	13.5	14.3	15.0	15.9	17.0	18.1
15°	13.3	13.7	14.2	15.4	16.5	17.6	18.7	20.0	21.3	22.6	24.0
17.5°	16.2	16.8	17.9	19.3	20.6	22.0	23.6	25.1	26.6	28.3	30.2
20°	19.2	20.0	21.7	23.2	24.8	26.7	28.5	30.2	32.4	34.5	36.5
22.5°	22.2	23.3	25.1	26.9	29.0	31.1	33.2	35.7	38.0	40.4	43.1
25°	25.5	27.0	28.7	30.6	33.3	35.7	38.4	41.1	43.8	46.7	49.7
27.5°	28.3	30.1	32.0	34.5	37.4	40.4	43.6	46.7	49.9	53.0	56.2
30°	31.0	33.2	35.3	38.3	41.4	44.9	48.5	52.1	55.6	59.1	62.6
32.5°	33.9	36.3	38.8	42.0	45.5	49.5	53.4	57.4	61.3	65.2	69.1
35°	36.9	39.4	42.3	45.8	49.7	54.0	58.3	62.7	67.1	71.3	75.3
37.5°	39.6	42.4	45.8	49.5	53.9	58.4	63.2	68.0	73.1	77.1	81.3
40°	42.3	45.5	49.3	53.4	58.0	62.9	67.9	73.1	78.0	82.5	87.2
42.5°	44.8	48.0	52.2	56.8	61.7	67.1	72.5	78.1	83.0	88.0	93.0
45°	47.2	50.6	55.0	60.0	65.3	70.9	76.8	82.5	87.9	93.3	98.5
47.5°	49.4	53.1	57.7	63.1	68.8	74.7	80.9	87.0	92.8	98.6	103.8
50°	51.7	55.6	60.4	66.2	72.2	78.5	85.0	91.0	97.1	103.1	109.2
52.5°	53.8	58.1	63.2	69.2	75.6	82.2	88.7	94.9	101.5	107.9	113.9
55°	56.0	60.5	66.0	72.2	78.9	85.5	92.1	98.7	105.6	112.2	118.1
57.5°	57.5	62.5	68.4	74.8	81.9	88.7	95.5	102.4	109.3	115.9	122.4
60°	59.0	64.5	70.5	77.2	84.7	91.7	99.0	105.8	112.8	119.7	126.4
62.5°	60.8	66.1	72.3	79.4	87.0	94.4	102.1	108.8	116.4	123.5	130.4
65°	62.6	67.7	74.1	81.4	89.0	96.6	104.5	111.7	119.2	126.5	133.8
67.5°	63.5	69.1	76.4	83.6	91.1	98.8	106.7	114.4	121.8	129.3	136.7
70°	64.9	70.7	77.4	84.9	92.7	100.8	108.9	116.6	124.2	132.1	139.1
72.5°	65.7	71.7	78.7	86.4	94.4	102.6	110.7	118.6	126.5	134.3	141.7
75°	66.5	72.6	79.9	87.9	96.0	104.1	112.2	120.3	128.3	136.0	143.4
77.5°	67.2	73.2	80.7	88.8	97.3	105.5	113.4	121.7	129.8	137.4	144.9
80°	68.1	73.7	81.3	89.5	98.4	106.7	114.4	123.1	131.0	138.6	146.2
82.5°	68.4	74.3	82.1	90.1	98.8	107.5	115.5	124.1	131.9	139.6	147.2
85°	68.8	74.6	82.4	90.8	99.3	108.4	116.7	125.2	132.6	140.4	148.1
87.5°	68.8	74.6	82.4	90.8	99.9	107.7	116.1	125.2	133.7	140.8	148.6
90°	68.8	74.6	82.4	90.8	99.6	108.1	116.5	125.2	133.3	140.8	148.6
92.5°	68.8	74.6	82.4	90.8	99.3	108.4	116.7	125.2	132.6	140.4	148.1
95°	68.8	74.6	82.4	90.8	99.3	108.4	116.7	125.2	132.6	140.4	148.1
97.5°	68.4	74.3	82.1	90.1	98.8	107.5	115.5	124.1	131.9	139.6	147.2
100°	68.1	73.7	81.3	89.5	98.4	106.7	114.4	123.1	131.0	138.6	146.2
102.5°	67.2	73.2	80.7	88.8	97.3	105.5	113.4	121.7	129.8	137.4	144.9
105°	66.5	72.6	79.9	87.9	96.0	104.1	112.2	120.3	128.3	136.0	143.4
107.5°	65.7	71.7	78.7	86.4	94.4	102.6	110.7	118.6	126.5	134.3	141.7
110°	64.9	70.7	77.4	84.9	92.7	100.8	108.9	116.6	124.2	132.1	139.1



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	63.5	69.1	76.4	83.6	91.1	98.8	106.7	114.4	121.8	129.3	136.7
115°	62.6	67.7	74.1	81.4	89.0	96.6	104.5	111.7	119.2	126.5	133.8
117.5°	60.8	66.1	72.3	79.4	87.0	94.4	102.1	108.8	116.4	123.5	130.4
120°	59.0	64.5	70.5	77.2	84.7	91.7	99.0	105.8	112.8	119.7	126.4
122.5°	57.5	62.5	68.4	74.8	81.9	88.7	95.5	102.4	109.3	115.9	122.4
125°	56.0	60.5	66.0	72.2	78.9	85.5	92.1	98.7	105.6	112.2	118.1
127.5°	53.8	58.1	63.2	69.2	75.6	82.2	88.7	94.9	101.5	107.9	113.9
130°	51.7	55.6	60.4	66.2	72.2	78.5	85.0	91.0	97.1	103.1	109.2
132.5°	49.4	53.1	57.7	63.1	68.8	74.7	80.9	87.0	92.8	98.6	103.8
135°	47.2	50.6	55.0	60.0	65.3	70.9	76.8	82.5	87.9	93.3	98.5
137.5°	44.8	48.0	52.2	56.8	61.7	67.1	72.5	78.1	83.0	88.0	93.0
140°	42.3	45.5	49.3	53.4	58.0	62.9	67.9	73.1	78.0	82.5	87.2
142.5°	39.6	42.4	45.8	49.5	53.9	58.4	63.2	68.0	73.1	77.1	81.3
145°	36.9	39.4	42.3	45.8	49.7	54.0	58.3	62.7	67.1	71.3	75.3
147.5°	33.9	36.3	38.8	42.0	45.5	49.5	53.4	57.4	61.3	65.2	69.1
150°	31.0	33.2	35.3	38.3	41.4	44.9	48.5	52.1	55.6	59.1	62.6
152.5°	28.3	30.1	32.0	34.5	37.4	40.4	43.6	46.7	49.9	53.0	56.2
155°	25.5	27.0	28.7	30.6	33.3	35.7	38.4	41.1	43.8	46.7	49.7
157.5°	22.2	23.3	25.1	26.9	29.0	31.1	33.2	35.7	38.0	40.4	43.1
160°	19.2	20.0	21.7	23.2	24.8	26.7	28.5	30.2	32.4	34.5	36.5
162.5°	16.2	16.8	17.9	19.3	20.6	22.0	23.6	25.1	26.6	28.3	30.2
165°	13.3	13.7	14.2	15.4	16.5	17.6	18.7	20.0	21.3	22.6	24.0
167.5°	10.5	10.9	11.2	11.8	12.6	13.5	14.3	15.0	15.9	17.0	18.1
170°	7.8	8.1	8.4	8.6	9.0	9.6	10.3	10.9	11.5	12.0	12.6
172.5°	5.4	5.7	6.0	6.2	6.4	6.6	6.9	7.4	7.8	8.2	8.6
175°	3.0	3.3	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9
177.5°	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.3
5°	5.2	5.5	5.7	6.0	6.2	6.4	6.6	6.8	6.9	7.1	7.2
7.5°	9.0	9.3	9.7	10.0	10.3	10.8	11.2	11.7	12.2	12.6	13.0
10°	13.4	14.3	15.1	15.9	16.6	17.3	17.9	18.5	19.1	19.6	20.1
12.5°	19.1	20.0	21.0	22.2	23.3	24.3	25.2	26.0	26.8	27.5	28.3
15°	25.3	26.8	28.1	29.4	30.7	31.9	33.1	34.2	35.3	36.4	37.3
17.5°	31.9	33.9	35.4	37.1	38.7	40.2	41.5	42.8	43.9	45.0	46.0
20°	38.7	40.8	42.9	44.8	46.6	48.4	49.9	51.4	52.7	53.9	54.9
22.5°	45.6	48.0	50.3	52.5	54.6	56.5	58.3	59.9	61.4	63.0	64.4
25°	52.5	55.1	58.0	60.1	62.4	64.6	66.8	68.8	70.7	72.4	73.9
27.5°	59.3	62.2	65.1	67.8	70.4	73.1	76.0	77.7	79.7	81.5	83.2
30°	66.0	69.3	72.4	75.4	78.1	81.0	83.7	86.1	88.3	90.2	92.2
32.5°	72.8	76.3	79.7	82.9	85.9	89.0	91.9	94.5	96.8	98.7	100.8
35°	79.4	83.2	86.9	90.4	93.7	97.0	100.3	103.0	105.4	107.6	109.6
37.5°	85.6	89.9	94.0	97.8	101.4	104.8	108.0	111.0	113.6	116.1	117.8
40°	91.9	96.7	100.9	104.6	108.4	111.9	115.2	118.3	121.3	124.0	126.2
42.5°	97.9	102.8	107.0	111.1	115.3	119.1	122.5	125.7	129.1	131.5	133.8
45°	103.4	108.5	113.2	117.7	121.9	126.1	129.5	132.9	135.9	138.7	141.2
47.5°	109.1	114.4	119.2	123.7	127.9	132.2	136.1	139.6	142.9	145.8	148.3
50°	114.6	119.8	124.9	129.4	134.1	138.6	142.5	146.1	149.8	152.6	155.2
52.5°	119.3	125.0	130.2	135.2	140.6	144.5	148.5	152.5	155.8	158.9	161.6
55°	124.0	129.9	135.8	140.5	145.5	150.0	154.5	158.2	161.6	164.7	167.6
57.5°	128.5	134.5	140.1	145.2	150.5	155.3	159.7	163.7	167.2	170.5	173.5
60°	132.8	138.7	144.5	149.9	155.1	160.1	164.4	168.6	172.5	176.1	178.7
62.5°	136.7	142.6	148.7	154.1	159.5	164.4	168.9	173.3	177.4	180.4	183.3
65°	140.1	146.4	152.5	158.1	163.7	168.6	173.2	177.5	181.3	184.5	188.0
67.5°	142.9	149.5	155.8	161.7	167.4	172.4	176.9	181.3	185.1	188.7	192.1
70°	145.8	152.4	158.8	165.0	170.6	175.3	180.1	184.6	188.6	192.4	196.2
72.5°	148.2	154.7	161.2	167.6	172.9	178.0	182.9	187.3	191.7	195.5	199.1
75°	150.2	156.9	163.5	169.8	175.6	180.6	185.4	189.9	194.4	198.2	201.9
77.5°	152.0	158.8	165.6	171.7	177.3	182.6	187.4	191.9	196.1	200.2	203.9
80°	153.6	160.3	167.1	173.3	178.8	184.3	189.1	193.8	198.2	202.1	206.0
82.5°	154.7	161.4	168.4	174.8	180.1	185.7	190.3	194.9	199.6	203.6	207.3
85°	155.3	162.3	169.4	175.4	180.6	186.4	191.3	195.8	200.5	204.5	208.4
87.5°	156.0	162.9	169.8	175.8	181.0	186.9	192.1	196.6	201.1	205.0	208.9
90°	156.4	162.9	169.4	175.8	181.0	186.9	192.1	196.6	201.1	205.0	208.9
92.5°	156.0	162.9	169.8	175.8	181.0	186.9	192.1	196.6	201.1	205.0	208.9
95°	155.3	162.3	169.4	175.4	180.6	186.4	191.3	195.8	200.5	204.5	208.4
97.5°	154.7	161.4	168.4	174.8	180.1	185.7	190.3	194.9	199.6	203.6	207.3
100°	153.6	160.3	167.1	173.3	178.8	184.3	189.1	193.8	198.2	202.1	206.0
102.5°	152.0	158.8	165.6	171.7	177.3	182.6	187.4	191.9	196.1	200.2	203.9
105°	150.2	156.9	163.5	169.8	175.6	180.6	185.4	189.9	194.4	198.2	201.9
107.5°	148.2	154.7	161.2	167.6	172.9	178.0	182.9	187.3	191.7	195.5	199.1
110°	145.8	152.4	158.8	165.0	170.6	175.3	180.1	184.6	188.6	192.4	196.2



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	142.9	149.5	155.8	161.7	167.4	172.4	176.9	181.3	185.1	188.7	192.1
115°	140.1	146.4	152.5	158.1	163.7	168.6	173.2	177.5	181.3	184.5	188.0
117.5°	136.7	142.6	148.7	154.1	159.5	164.4	168.9	173.3	177.4	180.4	183.3
120°	132.8	138.7	144.5	149.9	155.1	160.1	164.4	168.6	172.5	176.1	178.7
122.5°	128.5	134.5	140.1	145.2	150.5	155.3	159.7	163.7	167.2	170.5	173.5
125°	124.0	129.9	135.8	140.5	145.5	150.0	154.5	158.2	161.6	164.7	167.6
127.5°	119.3	125.0	130.2	135.2	140.6	144.5	148.5	152.5	155.8	158.9	161.6
130°	114.6	119.8	124.9	129.4	134.1	138.6	142.5	146.1	149.8	152.6	155.2
132.5°	109.1	114.4	119.2	123.7	127.9	132.2	136.1	139.6	142.9	145.8	148.3
135°	103.4	108.5	113.2	117.7	121.9	126.1	129.5	132.9	135.9	138.7	141.2
137.5°	97.9	102.8	107.0	111.1	115.3	119.1	122.5	125.7	129.1	131.5	133.8
140°	91.9	96.7	100.9	104.6	108.4	111.9	115.2	118.3	121.3	124.0	126.2
142.5°	85.6	89.9	94.0	97.8	101.4	104.8	108.0	111.0	113.6	116.1	117.8
145°	79.4	83.2	86.9	90.4	93.7	97.0	100.3	103.0	105.4	107.6	109.6
147.5°	72.8	76.3	79.7	82.9	85.9	89.0	91.9	94.5	96.8	98.7	100.8
150°	66.0	69.3	72.4	75.4	78.1	81.0	83.7	86.1	88.3	90.2	92.2
152.5°	59.3	62.2	65.1	67.8	70.4	73.1	76.0	77.7	79.7	81.5	83.2
155°	52.5	55.1	58.0	60.1	62.4	64.6	66.8	68.8	70.7	72.4	73.9
157.5°	45.6	48.0	50.3	52.5	54.6	56.5	58.3	59.9	61.4	63.0	64.4
160°	38.7	40.8	42.9	44.8	46.6	48.4	49.9	51.4	52.7	53.9	54.9
162.5°	31.9	33.9	35.4	37.1	38.7	40.2	41.5	42.8	43.9	45.0	46.0
165°	25.3	26.8	28.1	29.4	30.7	31.9	33.1	34.2	35.3	36.4	37.3
167.5°	19.1	20.0	21.0	22.2	23.3	24.3	25.2	26.0	26.8	27.5	28.3
170°	13.4	14.3	15.1	15.9	16.6	17.3	17.9	18.5	19.1	19.6	20.1
172.5°	9.0	9.3	9.7	10.0	10.3	10.8	11.2	11.7	12.2	12.6	13.0
175°	5.2	5.5	5.7	6.0	6.2	6.4	6.6	6.8	6.9	7.1	7.2
177.5°	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2	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: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	3.3	3.3	3.3	3.3	3.4	3.4	3.5	3.4	3.4	3.3	3.3
5°	7.3	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.6	7.4	7.3
7.5°	13.4	13.7	13.9	14.1	14.3	14.5	14.6	14.6	14.7	14.8	14.6
10°	20.5	21.0	21.4	21.8	22.1	22.4	22.6	22.8	22.9	23.2	23.1
12.5°	29.0	29.6	30.1	30.6	31.2	31.6	32.0	32.3	32.5	32.6	32.8
15°	38.1	38.8	39.4	39.9	40.3	40.8	41.2	41.5	41.7	41.8	42.0
17.5°	46.9	47.8	48.6	49.2	49.8	50.3	50.7	51.1	51.4	51.6	51.9
20°	55.8	56.9	57.9	58.7	59.4	59.8	60.0	60.4	60.8	61.0	61.5
22.5°	65.7	66.9	67.8	68.5	69.2	69.7	70.2	70.5	70.9	71.1	71.5
25°	75.2	76.3	77.2	78.0	79.0	79.7	80.3	80.5	80.7	81.1	81.3
27.5°	84.6	85.9	87.2	88.2	88.9	89.5	89.9	90.0	90.0	90.3	90.5
30°	93.6	95.0	96.3	97.4	98.2	98.9	99.3	99.7	99.8	99.9	100.2
32.5°	102.5	104.1	105.3	106.5	107.5	108.2	108.7	109.0	109.2	109.1	109.3
35°	111.5	113.0	114.4	115.6	116.6	117.2	117.6	118.0	118.3	118.3	119.0
37.5°	119.8	121.5	123.0	124.0	124.7	125.5	126.0	126.3	126.5	126.4	126.4
40°	128.0	129.9	131.2	132.2	133.2	134.0	134.4	134.6	134.9	134.9	134.8
42.5°	135.9	137.7	138.9	140.0	141.2	142.1	142.5	142.6	142.6	142.4	142.4
45°	143.4	145.2	147.1	147.8	148.6	149.7	149.9	150.1	149.9	150.0	149.8
47.5°	150.5	152.3	153.9	155.2	156.1	156.9	157.4	157.6	157.4	157.4	157.2
50°	157.2	159.1	161.1	162.6	163.4	163.9	164.6	164.9	164.5	164.3	164.3
52.5°	163.8	166.0	167.7	169.3	170.2	170.6	171.4	171.7	171.6	171.3	171.1
55°	170.2	172.1	173.8	175.5	176.6	177.3	177.6	178.1	178.3	177.8	177.9
57.5°	175.9	178.0	179.9	181.4	182.7	183.3	184.2	184.1	184.5	184.0	183.8
60°	181.4	183.8	185.4	186.8	188.0	189.0	190.0	190.2	190.1	189.6	189.1
62.5°	186.2	188.8	190.7	192.2	193.6	194.5	195.3	195.3	195.0	194.6	194.4
65°	190.6	193.4	195.6	197.5	198.6	199.4	199.9	200.1	200.0	199.5	199.2
67.5°	194.9	197.9	200.2	202.0	203.2	203.7	204.3	204.5	204.4	204.0	203.7
70°	198.7	201.7	204.0	205.7	206.9	207.7	208.6	208.6	208.1	207.8	207.3
72.5°	202.2	205.1	207.3	209.2	210.5	211.4	211.6	211.9	211.9	211.2	210.7
75°	205.3	207.8	210.2	212.2	213.5	214.5	215.0	215.5	215.1	214.6	214.1
77.5°	207.6	210.0	212.7	214.3	215.8	216.8	217.7	217.8	218.1	217.7	216.6
80°	209.4	211.9	214.2	216.0	217.9	219.2	219.7	220.2	220.2	219.5	219.2
82.5°	210.5	213.5	215.8	217.8	219.2	220.4	221.0	221.8	221.6	221.6	221.0
85°	211.7	214.4	216.3	218.3	219.8	220.9	222.2	222.4	222.5	222.6	222.6
87.5°	212.2	214.7	217.2	218.6	220.5	221.3	221.9	222.1	222.6	222.4	222.6
90°	212.2	214.8	216.7	218.7	220.6	221.3	221.9	221.9	221.9	221.9	221.3
92.5°	212.2	214.7	217.2	218.6	220.5	221.3	221.9	222.1	222.6	222.4	222.6
95°	211.7	214.4	216.3	218.3	219.8	220.9	222.2	222.4	222.5	222.6	222.6
97.5°	210.5	213.5	215.8	217.8	219.2	220.4	221.0	221.8	221.6	221.6	221.0
100°	209.4	211.9	214.2	216.0	217.9	219.2	219.7	220.2	220.2	219.5	219.2
102.5°	207.6	210.0	212.7	214.3	215.8	216.8	217.7	217.8	218.1	217.7	216.6
105°	205.3	207.8	210.2	212.2	213.5	214.5	215.0	215.5	215.1	214.6	214.1
107.5°	202.2	205.1	207.3	209.2	210.5	211.4	211.6	211.9	211.9	211.2	210.7
110°	198.7	201.7	204.0	205.7	206.9	207.7	208.6	208.6	208.1	207.8	207.3



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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°	194.9	197.9	200.2	202.0	203.2	203.7	204.3	204.5	204.4	204.0	203.7
115°	190.6	193.4	195.6	197.5	198.6	199.4	199.9	200.1	200.0	199.5	199.2
117.5°	186.2	188.8	190.7	192.2	193.6	194.5	195.3	195.3	195.0	194.6	194.4
120°	181.4	183.8	185.4	186.8	188.0	189.0	190.0	190.2	190.1	189.6	189.1
122.5°	175.9	178.0	179.9	181.4	182.7	183.3	184.2	184.1	184.5	184.0	183.8
125°	170.2	172.1	173.8	175.5	176.6	177.3	177.6	178.1	178.3	177.8	177.9
127.5°	163.8	166.0	167.7	169.3	170.2	170.6	171.4	171.7	171.6	171.3	171.1
130°	157.2	159.1	161.1	162.6	163.4	163.9	164.6	164.9	164.5	164.3	164.3
132.5°	150.5	152.3	153.9	155.2	156.1	156.9	157.4	157.6	157.4	157.4	157.2
135°	143.4	145.2	147.1	147.8	148.6	149.7	149.9	150.1	149.9	150.0	149.8
137.5°	135.9	137.7	138.9	140.0	141.2	142.1	142.5	142.6	142.6	142.4	142.4
140°	128.0	129.9	131.2	132.2	133.2	134.0	134.4	134.6	134.9	134.9	134.8
142.5°	119.8	121.5	123.0	124.0	124.7	125.5	126.0	126.3	126.5	126.4	126.4
145°	111.5	113.0	114.4	115.6	116.6	117.2	117.6	118.0	118.3	118.3	119.0
147.5°	102.5	104.1	105.3	106.5	107.5	108.2	108.7	109.0	109.2	109.1	109.3
150°	93.6	95.0	96.3	97.4	98.2	98.9	99.3	99.7	99.8	99.9	100.2
152.5°	84.6	85.9	87.2	88.2	88.9	89.5	89.9	90.0	90.0	90.3	90.5
155°	75.2	76.3	77.2	78.0	79.0	79.7	80.3	80.5	80.7	81.1	81.3
157.5°	65.7	66.9	67.8	68.5	69.2	69.7	70.2	70.5	70.9	71.1	71.5
160°	55.8	56.9	57.9	58.7	59.4	59.8	60.0	60.4	60.8	61.0	61.5
162.5°	46.9	47.8	48.6	49.2	49.8	50.3	50.7	51.1	51.4	51.6	51.9
165°	38.1	38.8	39.4	39.9	40.3	40.8	41.2	41.5	41.7	41.8	42.0
167.5°	29.0	29.6	30.1	30.6	31.2	31.6	32.0	32.3	32.5	32.6	32.8
170°	20.5	21.0	21.4	21.8	22.1	22.4	22.6	22.8	22.9	23.2	23.1
172.5°	13.4	13.7	13.9	14.1	14.3	14.5	14.6	14.6	14.7	14.8	14.6
175°	7.3	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.6	7.4	7.3
177.5°	3.3	3.3	3.3	3.3	3.4	3.4	3.5	3.4	3.4	3.3	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



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	3.2	3.2
5°	7.2	7.1
7.5°	14.5	14.3
10°	22.9	22.7
12.5°	32.6	32.4
15°	41.8	41.5
17.5°	51.6	51.3
20°	61.2	61.0
22.5°	71.1	70.7
25°	81.4	81.1
27.5°	90.5	90.2
30°	100.3	99.9
32.5°	109.4	109.0
35°	119.8	120.0
37.5°	126.4	125.9
40°	134.8	134.3
42.5°	143.8	144.7
45°	149.8	149.2
47.5°	157.4	157.0
50°	165.3	166.1
52.5°	172.4	174.5
55°	178.0	177.1
57.5°	184.0	183.0
60°	189.4	188.8
62.5°	194.5	194.0
65°	199.0	198.6
67.5°	203.2	202.4
70°	207.0	206.3
72.5°	210.4	210.2
75°	213.7	213.5
77.5°	216.5	216.1
80°	218.9	218.0
82.5°	220.9	220.0
85°	222.0	221.3
87.5°	222.6	221.9
90°	221.3	221.9
92.5°	222.6	221.9
95°	222.0	221.3
97.5°	220.9	220.0
100°	218.9	218.0
102.5°	216.5	216.1
105°	213.7	213.5
107.5°	210.4	210.2
110°	207.0	206.3



TEST NUMBER: P231887

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	203.2	202.4
115°	199.0	198.6
117.5°	194.5	194.0
120°	189.4	188.8
122.5°	184.0	183.0
125°	178.0	177.1
127.5°	172.4	174.5
130°	165.3	166.1
132.5°	157.4	157.0
135°	149.8	149.2
137.5°	143.8	144.7
140°	134.8	134.3
142.5°	126.4	125.9
145°	119.8	120.0
147.5°	109.4	109.0
150°	100.3	99.9
152.5°	90.5	90.2
155°	81.4	81.1
157.5°	71.1	70.7
160°	61.2	61.0
162.5°	51.6	51.3
165°	41.8	41.5
167.5°	32.6	32.4
170°	22.9	22.7
172.5°	14.5	14.3
175°	7.2	7.1
177.5°	3.2	3.2
180°	0.0	0.0

(END OF REPORT)