

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: P231886

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

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231886
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-LD4-40-1LO-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

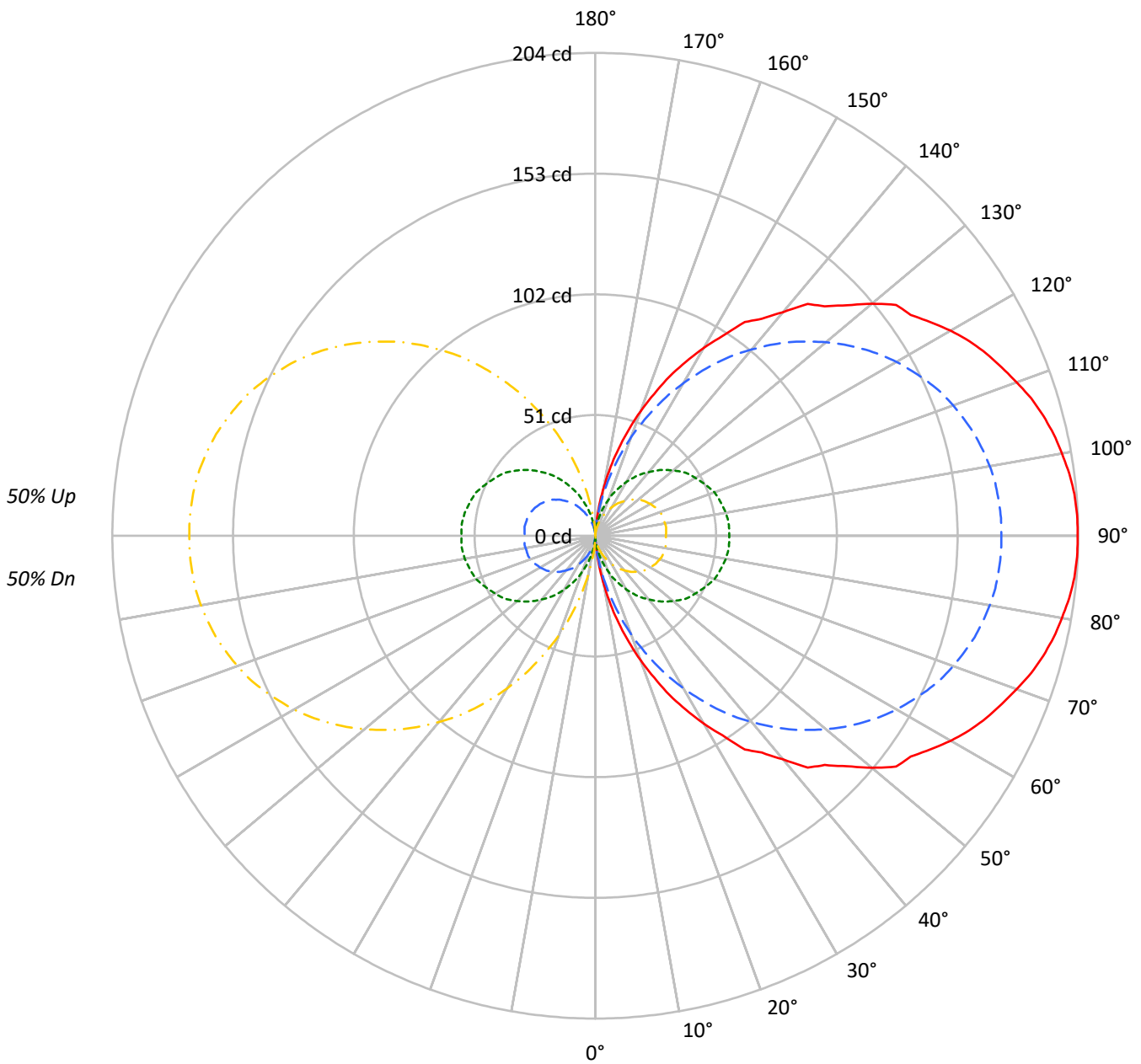
Lumens per Lamp: N/A
Luminaire Lumens: 881.7 lumens
Efficiency: N/A
Efficacy: 71.7 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 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



— 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°	173	71	0	71
10°	489	195	0	195
15°	817	336	0	336
20°	1111	484	0	484
25°	1384	657	0	657
30°	1616	828	0	828
35°	1859	1017	0	1017
40°	2010	1207	0	1207
45°	2176	1431	0	1431
50°	2380	1674	0	1674
55°	2512	1970	0	1970
60°	2671	2280	0	2280
65°	2823	2689	0	2689
70°	2973	3242	0	3242
75°	3140	3943	0	3943
80°	3302	5019	0	5019
85°	3481	6793	0	6793



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.5	0.1
10°-20°	4.9	0.6
20°-30°	15.3	1.7
30°-40°	30.5	3.5
40°-50°	48.2	5.5
50°-60°	66.2	7.5
60°-70°	82.1	9.3
70°-80°	93.7	10.6
80°-90°	99.5	11.3
90°-100°	99.5	11.3
100°-110°	93.7	10.6
110°-120°	82.1	9.3
120°-130°	66.2	7.5
130°-140°	48.2	5.5
140°-150°	30.5	3.5
150°-160°	15.3	1.7
160°-170°	4.9	0.6
170°-180°	0.5	0.1
0°-30°	20.7	2.3
0°-40°	51.1	5.8
0°-60°	165.6	18.8
0°-90°	440.9	50.0
90°-120°	275.3	31.2
90°-150°	420.2	47.7
90°-180°	441.0	50.0
0°-180°	881.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	7	2	0	2	7	1
15°	38	11	0	11	38	11
25°	74	21	0	21	74	35
35°	110	31	0	31	110	68
45°	137	39	0	39	137	107
55°	163	46	0	46	163	147
65°	182	51	0	51	182	181
75°	196	55	0	55	196	207
85°	203	57	0	57	203	165
90°	204	57	0	57	204	112
95°	203	57	0	57	203	165
105°	196	55	0	55	196	207
115°	182	51	0	51	182	181
125°	163	46	0	46	163	147
135°	137	39	0	39	137	107
145°	110	31	0	31	110	68
155°	74	21	0	21	74	35
165°	38	11	0	11	38	11
175°	7	2	0	2	7	1
180°	0	0	0	0	0	



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.1	3.1
5°	6.6	6.7	6.8	6.9	7.0	6.9	6.9	6.9	6.9	6.9	6.9
7.5°	13.1	13.3	13.4	13.6	13.4	13.4	13.4	13.3	13.1	13.0	12.8
10°	20.8	21.0	21.1	21.3	21.0	20.9	20.7	20.5	20.3	20.0	19.6
12.5°	29.8	30.0	30.2	30.0	29.9	29.7	29.4	29.1	28.6	28.1	27.6
15°	38.1	38.3	38.6	38.4	38.3	38.1	37.8	37.4	37.0	36.6	36.2
17.5°	47.0	47.3	47.6	47.3	47.2	46.9	46.5	46.1	45.7	45.2	44.6
20°	56.0	56.2	56.4	56.0	55.8	55.4	55.1	54.9	54.5	53.9	53.1
22.5°	64.9	65.3	65.6	65.3	65.0	64.6	64.4	64.0	63.5	62.9	62.2
25°	74.4	74.7	74.6	74.4	74.1	73.9	73.6	73.2	72.5	71.6	70.9
27.5°	82.8	83.1	83.0	82.9	82.6	82.6	82.5	82.2	81.6	80.9	80.0
30°	91.7	92.0	91.9	91.7	91.6	91.5	91.2	90.7	90.1	89.3	88.3
32.5°	100.0	100.4	100.3	100.1	100.2	100.1	99.7	99.3	98.6	97.8	96.6
35°	110.2	110.0	109.2	108.6	108.5	108.3	107.9	107.6	107.0	106.1	105.0
37.5°	115.5	116.0	116.0	116.0	116.1	115.9	115.7	115.2	114.4	113.8	112.9
40°	123.3	123.8	123.7	123.8	123.8	123.5	123.3	123.0	122.3	121.3	120.4
42.5°	132.8	132.0	130.6	130.7	130.9	130.9	130.7	130.3	129.6	128.5	127.5
45°	137.0	137.6	137.6	137.7	137.6	137.7	137.6	137.4	136.5	135.7	135.0
47.5°	144.1	144.4	144.2	144.4	144.5	144.6	144.4	144.0	143.2	142.4	141.3
50°	152.5	151.8	150.9	150.8	151.0	151.3	151.1	150.4	149.9	149.3	147.8
52.5°	160.2	158.2	157.0	157.2	157.5	157.6	157.2	156.6	156.2	155.3	153.9
55°	162.6	163.5	163.3	163.2	163.6	163.5	163.0	162.7	162.1	161.1	159.5
57.5°	167.9	168.8	168.7	168.8	169.3	169.0	169.1	168.3	167.7	166.5	165.2
60°	173.3	173.8	173.6	174.0	174.4	174.5	174.4	173.5	172.6	171.4	170.1
62.5°	178.1	178.5	178.4	178.6	179.0	179.3	179.2	178.6	177.7	176.4	175.1
65°	182.2	182.6	182.8	183.1	183.5	183.6	183.4	182.9	182.3	181.3	179.5
67.5°	185.8	186.4	187.0	187.3	187.6	187.7	187.5	186.9	186.5	185.4	183.7
70°	189.4	190.0	190.3	190.8	191.0	191.5	191.5	190.7	190.0	188.9	187.2
72.5°	193.0	193.1	193.4	193.9	194.4	194.4	194.2	194.1	193.3	192.1	190.3
75°	195.9	196.2	196.5	196.9	197.4	197.8	197.3	196.9	195.9	194.7	192.9
77.5°	198.3	198.7	198.8	199.8	200.1	199.9	199.8	198.9	198.0	196.7	195.2
80°	200.1	200.9	201.1	201.5	202.1	202.1	201.7	201.2	200.0	198.2	196.6
82.5°	201.9	202.7	202.9	203.4	203.4	203.6	202.9	202.3	201.1	199.9	198.0
85°	203.1	203.7	204.3	204.3	204.2	204.1	203.9	202.8	201.7	200.3	198.6
87.5°	203.7	204.3	204.3	204.1	204.3	203.9	203.7	203.1	202.4	200.6	199.3
90°	203.7	203.1	203.1	203.7	203.7	203.7	203.7	203.1	202.5	200.7	198.9
92.5°	203.7	204.3	204.3	204.1	204.3	203.9	203.7	203.1	202.4	200.6	199.3
95°	203.1	203.7	204.3	204.3	204.2	204.1	203.9	202.8	201.7	200.3	198.6
97.5°	201.9	202.7	202.9	203.4	203.4	203.6	202.9	202.3	201.1	199.9	198.0
100°	200.1	200.9	201.1	201.5	202.1	202.1	201.7	201.2	200.0	198.2	196.6
102.5°	198.3	198.7	198.8	199.8	200.1	199.9	199.8	198.9	198.0	196.7	195.2
105°	195.9	196.2	196.5	196.9	197.4	197.8	197.3	196.9	195.9	194.7	192.9
107.5°	193.0	193.1	193.4	193.9	194.4	194.4	194.2	194.1	193.3	192.1	190.3
110°	189.4	190.0	190.3	190.8	191.0	191.5	191.5	190.7	190.0	188.9	187.2



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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°	185.8	186.4	187.0	187.3	187.6	187.7	187.5	186.9	186.5	185.4	183.7
115°	182.2	182.6	182.8	183.1	183.5	183.6	183.4	182.9	182.3	181.3	179.5
117.5°	178.1	178.5	178.4	178.6	179.0	179.3	179.2	178.6	177.7	176.4	175.1
120°	173.3	173.8	173.6	174.0	174.4	174.5	174.4	173.5	172.6	171.4	170.1
122.5°	167.9	168.8	168.7	168.8	169.3	169.0	169.1	168.3	167.7	166.5	165.2
125°	162.6	163.5	163.3	163.2	163.6	163.5	163.0	162.7	162.1	161.1	159.5
127.5°	160.2	158.2	157.0	157.2	157.5	157.6	157.2	156.6	156.2	155.3	153.9
130°	152.5	151.8	150.9	150.8	151.0	151.3	151.1	150.4	149.9	149.3	147.8
132.5°	144.1	144.4	144.2	144.4	144.5	144.6	144.4	144.0	143.2	142.4	141.3
135°	137.0	137.6	137.6	137.7	137.6	137.7	137.6	137.4	136.5	135.7	135.0
137.5°	132.8	132.0	130.6	130.7	130.9	130.9	130.7	130.3	129.6	128.5	127.5
140°	123.3	123.8	123.7	123.8	123.8	123.5	123.3	123.0	122.3	121.3	120.4
142.5°	115.5	116.0	116.0	116.0	116.1	115.9	115.7	115.2	114.4	113.8	112.9
145°	110.2	110.0	109.2	108.6	108.5	108.3	107.9	107.6	107.0	106.1	105.0
147.5°	100.0	100.4	100.3	100.1	100.2	100.1	99.7	99.3	98.6	97.8	96.6
150°	91.7	92.0	91.9	91.7	91.6	91.5	91.2	90.7	90.1	89.3	88.3
152.5°	82.8	83.1	83.0	82.9	82.6	82.6	82.5	82.2	81.6	80.9	80.0
155°	74.4	74.7	74.6	74.4	74.1	73.9	73.6	73.2	72.5	71.6	70.9
157.5°	64.9	65.3	65.6	65.3	65.0	64.6	64.4	64.0	63.5	62.9	62.2
160°	56.0	56.2	56.4	56.0	55.8	55.4	55.1	54.9	54.5	53.9	53.1
162.5°	47.0	47.3	47.6	47.3	47.2	46.9	46.5	46.1	45.7	45.2	44.6
165°	38.1	38.3	38.6	38.4	38.3	38.1	37.8	37.4	37.0	36.6	36.2
167.5°	29.8	30.0	30.2	30.0	29.9	29.7	29.4	29.1	28.6	28.1	27.6
170°	20.8	21.0	21.1	21.3	21.0	20.9	20.7	20.5	20.3	20.0	19.6
172.5°	13.1	13.3	13.4	13.6	13.4	13.4	13.4	13.3	13.1	13.0	12.8
175°	6.6	6.7	6.8	6.9	7.0	6.9	6.9	6.9	6.9	6.9	6.9
177.5°	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.1	3.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6
5°	6.8	6.7	6.6	6.5	6.4	6.2	6.1	5.9	5.7	5.5	5.3
7.5°	12.5	12.3	11.9	11.6	11.2	10.8	10.3	9.9	9.4	9.1	8.9
10°	19.2	18.8	18.4	18.0	17.5	17.0	16.4	15.8	15.2	14.6	13.9
12.5°	27.1	26.5	25.9	25.2	24.5	23.8	23.1	22.3	21.3	20.4	19.3
15°	35.6	35.0	34.2	33.3	32.4	31.4	30.4	29.3	28.2	27.0	25.8
17.5°	43.9	43.1	42.2	41.3	40.3	39.2	38.1	36.8	35.5	34.0	32.5
20°	52.1	51.2	50.4	49.4	48.3	47.1	45.8	44.3	42.8	41.1	39.4
22.5°	61.4	60.3	59.1	57.8	56.4	55.0	53.5	51.8	50.1	48.2	46.2
25°	70.1	69.0	67.8	66.4	64.9	63.1	61.3	59.3	57.3	55.2	53.3
27.5°	78.9	77.7	76.3	74.8	73.1	71.3	69.7	67.1	64.6	62.2	59.7
30°	87.2	85.9	84.6	82.8	81.0	79.0	76.9	74.4	71.8	69.2	66.5
32.5°	95.5	94.1	92.5	90.6	88.8	86.8	84.4	81.7	78.9	76.1	73.1
35°	103.8	102.3	100.6	98.8	96.8	94.5	92.0	89.1	86.0	82.9	79.7
37.5°	111.6	110.0	108.1	106.6	104.3	101.8	99.1	96.2	93.1	89.7	86.2
40°	119.2	117.5	115.8	113.8	111.3	108.6	105.7	102.7	99.5	96.0	92.6
42.5°	126.4	124.7	122.8	120.6	118.5	115.4	112.5	109.3	105.9	102.0	98.2
45°	133.2	131.6	129.6	127.3	124.7	121.9	118.9	115.7	111.9	108.1	103.9
47.5°	139.8	138.1	136.1	133.9	131.1	128.1	124.9	121.4	117.4	113.6	109.4
50°	146.0	144.2	142.4	140.1	137.6	134.1	130.8	127.2	123.1	118.8	114.6
52.5°	152.4	150.3	148.3	145.8	142.9	139.9	136.3	132.6	129.0	124.1	119.5
55°	157.9	156.1	153.8	151.2	148.4	145.2	141.8	137.7	133.5	129.0	124.7
57.5°	163.4	161.4	159.2	156.5	153.5	150.2	146.6	142.5	138.2	133.3	128.6
60°	168.7	166.5	164.0	161.6	158.3	154.7	150.9	146.9	142.4	137.6	132.6
62.5°	173.3	170.8	168.3	165.6	162.9	159.0	155.0	150.8	146.4	141.5	136.5
65°	177.5	175.0	172.5	169.3	166.4	163.0	159.0	154.6	150.2	145.1	139.9
67.5°	181.6	178.8	176.3	173.2	169.9	166.4	162.4	158.1	153.6	148.5	143.0
70°	185.1	182.3	180.0	176.6	173.1	169.4	165.3	160.9	156.5	151.4	145.7
72.5°	188.2	185.5	182.6	179.4	175.9	171.9	167.8	163.4	158.6	153.8	148.0
75°	190.8	188.5	185.3	181.9	178.4	174.3	170.1	165.8	161.2	155.9	150.1
77.5°	192.8	190.5	187.1	183.8	180.0	176.2	172.0	167.6	162.7	157.6	152.0
80°	194.5	192.2	189.1	185.5	181.9	177.8	173.6	169.2	164.1	159.0	153.4
82.5°	195.9	193.2	190.3	186.8	183.2	178.8	174.7	170.4	165.3	160.4	154.5
85°	196.7	194.3	191.3	187.8	184.1	179.6	175.6	171.0	165.8	161.0	155.4
87.5°	197.0	194.7	191.8	188.2	184.6	180.4	176.3	171.5	166.2	161.4	155.8
90°	197.1	194.7	191.8	188.2	184.6	180.4	176.3	171.5	166.2	161.4	155.4
92.5°	197.0	194.7	191.8	188.2	184.6	180.4	176.3	171.5	166.2	161.4	155.8
95°	196.7	194.3	191.3	187.8	184.1	179.6	175.6	171.0	165.8	161.0	155.4
97.5°	195.9	193.2	190.3	186.8	183.2	178.8	174.7	170.4	165.3	160.4	154.5
100°	194.5	192.2	189.1	185.5	181.9	177.8	173.6	169.2	164.1	159.0	153.4
102.5°	192.8	190.5	187.1	183.8	180.0	176.2	172.0	167.6	162.7	157.6	152.0
105°	190.8	188.5	185.3	181.9	178.4	174.3	170.1	165.8	161.2	155.9	150.1
107.5°	188.2	185.5	182.6	179.4	175.9	171.9	167.8	163.4	158.6	153.8	148.0
110°	185.1	182.3	180.0	176.6	173.1	169.4	165.3	160.9	156.5	151.4	145.7



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	181.6	178.8	176.3	173.2	169.9	166.4	162.4	158.1	153.6	148.5	143.0
115°	177.5	175.0	172.5	169.3	166.4	163.0	159.0	154.6	150.2	145.1	139.9
117.5°	173.3	170.8	168.3	165.6	162.9	159.0	155.0	150.8	146.4	141.5	136.5
120°	168.7	166.5	164.0	161.6	158.3	154.7	150.9	146.9	142.4	137.6	132.6
122.5°	163.4	161.4	159.2	156.5	153.5	150.2	146.6	142.5	138.2	133.3	128.6
125°	157.9	156.1	153.8	151.2	148.4	145.2	141.8	137.7	133.5	129.0	124.7
127.5°	152.4	150.3	148.3	145.8	142.9	139.9	136.3	132.6	129.0	124.1	119.5
130°	146.0	144.2	142.4	140.1	137.6	134.1	130.8	127.2	123.1	118.8	114.6
132.5°	139.8	138.1	136.1	133.9	131.1	128.1	124.9	121.4	117.4	113.6	109.4
135°	133.2	131.6	129.6	127.3	124.7	121.9	118.9	115.7	111.9	108.1	103.9
137.5°	126.4	124.7	122.8	120.6	118.5	115.4	112.5	109.3	105.9	102.0	98.2
140°	119.2	117.5	115.8	113.8	111.3	108.6	105.7	102.7	99.5	96.0	92.6
142.5°	111.6	110.0	108.1	106.6	104.3	101.8	99.1	96.2	93.1	89.7	86.2
145°	103.8	102.3	100.6	98.8	96.8	94.5	92.0	89.1	86.0	82.9	79.7
147.5°	95.5	94.1	92.5	90.6	88.8	86.8	84.4	81.7	78.9	76.1	73.1
150°	87.2	85.9	84.6	82.8	81.0	79.0	76.9	74.4	71.8	69.2	66.5
152.5°	78.9	77.7	76.3	74.8	73.1	71.3	69.7	67.1	64.6	62.2	59.7
155°	70.1	69.0	67.8	66.4	64.9	63.1	61.3	59.3	57.3	55.2	53.3
157.5°	61.4	60.3	59.1	57.8	56.4	55.0	53.5	51.8	50.1	48.2	46.2
160°	52.1	51.2	50.4	49.4	48.3	47.1	45.8	44.3	42.8	41.1	39.4
162.5°	43.9	43.1	42.2	41.3	40.3	39.2	38.1	36.8	35.5	34.0	32.5
165°	35.6	35.0	34.2	33.3	32.4	31.4	30.4	29.3	28.2	27.0	25.8
167.5°	27.1	26.5	25.9	25.2	24.5	23.8	23.1	22.3	21.3	20.4	19.3
170°	19.2	18.8	18.4	18.0	17.5	17.0	16.4	15.8	15.2	14.6	13.9
172.5°	12.5	12.3	11.9	11.6	11.2	10.8	10.3	9.9	9.4	9.1	8.9
175°	6.8	6.7	6.6	6.5	6.4	6.2	6.1	5.9	5.7	5.5	5.3
177.5°	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.8	1.7
5°	5.1	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.6	3.4	3.2
7.5°	8.6	8.2	7.9	7.5	7.2	6.8	6.3	6.1	5.9	5.7	5.5
10°	13.1	12.3	11.6	11.0	10.5	10.0	9.4	8.8	8.2	7.9	7.7
12.5°	18.4	17.5	16.6	15.6	14.6	13.8	13.1	12.3	11.6	10.8	10.3
15°	24.6	23.2	22.0	20.7	19.6	18.4	17.2	16.2	15.2	14.1	13.0
17.5°	31.1	29.3	27.7	26.0	24.4	23.0	21.6	20.2	18.9	17.7	16.5
20°	37.5	35.5	33.5	31.6	29.7	27.7	26.1	24.5	22.7	21.3	19.9
22.5°	44.1	41.9	39.5	37.1	34.9	32.7	30.5	28.6	26.6	24.7	23.0
25°	50.6	48.1	45.5	42.8	40.1	37.7	35.3	32.8	30.5	28.1	26.3
27.5°	57.2	54.4	51.5	48.6	45.8	42.9	40.0	37.1	34.3	31.7	29.4
30°	63.6	60.6	57.5	54.3	51.0	47.8	44.6	41.2	38.0	35.1	32.4
32.5°	70.0	66.8	63.4	59.9	56.3	52.7	49.1	45.4	41.7	38.6	35.6
35°	76.4	72.9	69.2	65.4	61.6	57.6	53.5	49.6	45.6	42.0	38.8
37.5°	82.5	78.6	74.6	70.7	67.1	62.5	58.1	53.6	49.4	45.4	42.0
40°	88.8	84.4	80.0	75.7	71.5	67.1	62.3	57.7	53.2	49.0	45.2
42.5°	94.3	89.9	85.4	80.7	76.2	71.7	66.5	61.5	56.7	52.1	47.9
45°	99.5	94.9	90.4	85.6	80.7	75.7	70.4	65.0	60.0	55.1	50.4
47.5°	104.9	100.2	95.3	90.4	85.2	79.8	74.2	68.6	63.2	57.9	52.9
50°	110.0	105.2	100.2	94.6	89.1	83.6	77.9	72.0	66.3	60.7	55.5
52.5°	114.7	109.5	104.5	99.0	93.2	87.1	81.4	75.4	69.4	63.5	58.1
55°	119.2	113.8	108.4	102.9	96.9	90.6	84.5	78.5	72.3	66.3	60.6
57.5°	123.5	118.0	112.4	106.4	100.4	94.0	87.6	81.4	75.1	68.6	62.8
60°	127.3	121.9	116.0	109.9	103.6	97.1	90.9	84.2	77.7	70.9	64.7
62.5°	130.9	125.5	119.6	113.3	106.8	99.8	93.7	86.7	79.8	72.9	66.4
65°	134.3	128.5	122.8	116.1	109.5	102.5	95.9	88.7	81.6	74.7	68.0
67.5°	137.3	131.2	125.5	118.7	111.8	105.0	97.9	90.7	83.6	76.8	70.1
70°	139.9	133.9	127.7	121.2	114.0	107.0	99.9	92.5	85.1	78.0	71.1
72.5°	142.0	136.0	130.0	123.3	116.1	108.9	101.6	94.2	86.6	79.3	72.2
75°	144.0	137.9	131.6	124.8	117.8	110.4	103.0	95.6	88.1	80.7	73.4
77.5°	145.8	139.5	133.0	126.1	119.1	111.7	104.1	96.8	89.2	81.5	74.0
80°	147.1	140.9	134.2	127.2	120.2	112.9	105.0	97.9	90.2	82.2	74.5
82.5°	148.2	142.0	135.1	128.1	121.1	113.9	106.0	98.7	90.7	82.7	75.3
85°	149.0	142.5	135.9	128.8	121.7	114.9	107.1	99.5	91.1	83.4	75.6
87.5°	149.5	143.1	136.4	129.2	122.4	114.9	106.9	99.2	91.4	83.4	75.6
90°	149.5	143.5	136.4	129.2	122.7	114.9	106.6	98.9	91.7	83.4	75.6
92.5°	149.5	143.1	136.4	129.2	122.4	114.9	106.9	99.2	91.4	83.4	75.6
95°	149.0	142.5	135.9	128.8	121.7	114.9	107.1	99.5	91.1	83.4	75.6
97.5°	148.2	142.0	135.1	128.1	121.1	113.9	106.0	98.7	90.7	82.7	75.3
100°	147.1	140.9	134.2	127.2	120.2	112.9	105.0	97.9	90.2	82.2	74.5
102.5°	145.8	139.5	133.0	126.1	119.1	111.7	104.1	96.8	89.2	81.5	74.0
105°	144.0	137.9	131.6	124.8	117.8	110.4	103.0	95.6	88.1	80.7	73.4
107.5°	142.0	136.0	130.0	123.3	116.1	108.9	101.6	94.2	86.6	79.3	72.2
110°	139.9	133.9	127.7	121.2	114.0	107.0	99.9	92.5	85.1	78.0	71.1



TEST NUMBER: P231886

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	137.3	131.2	125.5	118.7	111.8	105.0	97.9	90.7	83.6	76.8	70.1
115°	134.3	128.5	122.8	116.1	109.5	102.5	95.9	88.7	81.6	74.7	68.0
117.5°	130.9	125.5	119.6	113.3	106.8	99.8	93.7	86.7	79.8	72.9	66.4
120°	127.3	121.9	116.0	109.9	103.6	97.1	90.9	84.2	77.7	70.9	64.7
122.5°	123.5	118.0	112.4	106.4	100.4	94.0	87.6	81.4	75.1	68.6	62.8
125°	119.2	113.8	108.4	102.9	96.9	90.6	84.5	78.5	72.3	66.3	60.6
127.5°	114.7	109.5	104.5	99.0	93.2	87.1	81.4	75.4	69.4	63.5	58.1
130°	110.0	105.2	100.2	94.6	89.1	83.6	77.9	72.0	66.3	60.7	55.5
132.5°	104.9	100.2	95.3	90.4	85.2	79.8	74.2	68.6	63.2	57.9	52.9
135°	99.5	94.9	90.4	85.6	80.7	75.7	70.4	65.0	60.0	55.1	50.4
137.5°	94.3	89.9	85.4	80.7	76.2	71.7	66.5	61.5	56.7	52.1	47.9
140°	88.8	84.4	80.0	75.7	71.5	67.1	62.3	57.7	53.2	49.0	45.2
142.5°	82.5	78.6	74.6	70.7	67.1	62.5	58.1	53.6	49.4	45.4	42.0
145°	76.4	72.9	69.2	65.4	61.6	57.6	53.5	49.6	45.6	42.0	38.8
147.5°	70.0	66.8	63.4	59.9	56.3	52.7	49.1	45.4	41.7	38.6	35.6
150°	63.6	60.6	57.5	54.3	51.0	47.8	44.6	41.2	38.0	35.1	32.4
152.5°	57.2	54.4	51.5	48.6	45.8	42.9	40.0	37.1	34.3	31.7	29.4
155°	50.6	48.1	45.5	42.8	40.1	37.7	35.3	32.8	30.5	28.1	26.3
157.5°	44.1	41.9	39.5	37.1	34.9	32.7	30.5	28.6	26.6	24.7	23.0
160°	37.5	35.5	33.5	31.6	29.7	27.7	26.1	24.5	22.7	21.3	19.9
162.5°	31.1	29.3	27.7	26.0	24.4	23.0	21.6	20.2	18.9	17.7	16.5
165°	24.6	23.2	22.0	20.7	19.6	18.4	17.2	16.2	15.2	14.1	13.0
167.5°	18.4	17.5	16.6	15.6	14.6	13.8	13.1	12.3	11.6	10.8	10.3
170°	13.1	12.3	11.6	11.0	10.5	10.0	9.4	8.8	8.2	7.9	7.7
172.5°	8.6	8.2	7.9	7.5	7.2	6.8	6.3	6.1	5.9	5.7	5.5
175°	5.1	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.6	3.4	3.2
177.5°	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.8	1.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
5°	3.0	2.8	2.6	2.4	2.3	2.3	2.2	2.2	2.1	2.0	1.9
7.5°	5.3	5.0	4.8	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7
10°	7.4	7.2	6.9	6.6	6.5	6.4	6.2	6.1	5.9	5.7	5.5
12.5°	10.0	9.7	9.3	9.0	8.8	8.6	8.5	8.3	8.0	7.8	7.5
15°	12.6	12.2	11.8	11.3	11.1	10.9	10.7	10.5	10.2	9.9	9.6
17.5°	15.4	14.9	14.3	13.7	13.5	13.3	13.0	12.7	12.4	12.1	11.7
20°	18.4	17.7	16.9	16.1	15.9	15.6	15.3	15.0	14.7	14.3	14.0
22.5°	21.3	20.3	19.7	19.1	18.6	18.1	17.6	17.3	16.9	16.6	16.4
25°	24.7	23.3	22.4	21.4	21.1	20.8	20.4	20.0	19.6	19.1	18.7
27.5°	27.6	25.9	24.9	23.8	23.5	23.2	22.8	22.4	21.9	21.4	20.9
30°	30.5	28.5	27.4	26.2	25.9	25.5	25.1	24.6	24.1	23.6	23.0
32.5°	33.3	31.2	29.8	28.6	28.3	27.8	27.3	26.7	26.2	25.6	25.0
35°	36.1	33.8	32.3	31.0	30.6	30.1	29.3	28.7	28.1	27.6	27.0
37.5°	38.9	36.3	34.5	33.1	32.7	32.2	31.5	30.9	30.3	29.6	28.9
40°	41.7	38.8	36.6	35.1	34.7	34.2	33.7	33.2	32.5	31.6	30.8
42.5°	44.1	41.1	38.8	37.2	36.6	36.0	35.5	35.0	34.3	33.4	32.6
45°	46.4	43.3	41.0	39.3	38.4	37.8	37.3	36.7	36.1	35.3	34.2
47.5°	48.7	45.4	42.8	41.1	40.2	39.5	39.0	38.4	37.8	36.9	35.8
50°	51.0	47.4	44.7	42.9	42.0	41.3	40.7	40.2	39.5	38.5	37.4
52.5°	53.3	49.4	46.5	44.7	43.7	43.1	42.4	41.6	41.0	39.9	38.9
55°	55.6	51.4	48.4	46.5	45.5	44.8	44.0	43.1	42.4	41.3	40.4
57.5°	57.4	52.8	49.6	47.7	46.9	46.1	45.3	44.5	43.8	42.6	41.8
60°	59.2	54.2	50.9	48.8	48.3	47.3	46.6	46.0	45.2	44.0	42.9
62.5°	60.7	55.8	52.1	50.0	49.2	48.4	47.7	47.0	46.1	45.1	43.9
65°	62.1	57.5	53.4	51.2	50.1	49.5	48.9	47.9	47.1	46.2	45.0
67.5°	63.5	58.3	54.6	52.4	51.3	50.7	50.1	49.0	47.9	46.8	45.7
70°	64.9	59.6	55.8	53.6	52.5	51.3	50.7	50.0	49.0	47.7	46.6
72.5°	65.8	60.3	56.5	54.2	53.1	52.2	51.5	50.7	49.6	48.4	47.3
75°	66.7	61.0	57.2	54.8	53.6	53.0	52.4	51.3	50.1	48.9	47.7
77.5°	67.2	61.7	57.8	55.4	54.2	53.3	52.7	51.8	50.7	49.5	48.3
80°	67.6	62.5	58.4	56.0	54.8	53.6	53.0	52.4	51.2	50.0	48.8
82.5°	68.2	62.8	58.7	56.3	55.1	53.9	53.3	52.4	51.5	50.3	49.1
85°	68.5	63.1	59.0	56.6	55.4	54.2	53.6	52.4	51.8	50.6	49.4
87.5°	68.5	63.1	59.0	56.6	55.4	54.2	53.6	52.4	51.8	50.6	49.4
90°	68.5	63.1	59.0	56.6	55.4	54.2	53.6	52.4	51.8	50.6	49.4
92.5°	68.5	63.1	59.0	56.6	55.4	54.2	53.6	52.4	51.8	50.6	49.4
95°	68.5	63.1	59.0	56.6	55.4	54.2	53.6	52.4	51.8	50.6	49.4
97.5°	68.2	62.8	58.7	56.3	55.1	53.9	53.3	52.4	51.5	50.3	49.1
100°	67.6	62.5	58.4	56.0	54.8	53.6	53.0	52.4	51.2	50.0	48.8
102.5°	67.2	61.7	57.8	55.4	54.2	53.3	52.7	51.8	50.7	49.5	48.3
105°	66.7	61.0	57.2	54.8	53.6	53.0	52.4	51.3	50.1	48.9	47.7
107.5°	65.8	60.3	56.5	54.2	53.1	52.2	51.5	50.7	49.6	48.4	47.3
110°	64.9	59.6	55.8	53.6	52.5	51.3	50.7	50.0	49.0	47.7	46.6



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	63.5	58.3	54.6	52.4	51.3	50.7	50.1	49.0	47.9	46.8	45.7
115°	62.1	57.5	53.4	51.2	50.1	49.5	48.9	47.9	47.1	46.2	45.0
117.5°	60.7	55.8	52.1	50.0	49.2	48.4	47.7	47.0	46.1	45.1	43.9
120°	59.2	54.2	50.9	48.8	48.3	47.3	46.6	46.0	45.2	44.0	42.9
122.5°	57.4	52.8	49.6	47.7	46.9	46.1	45.3	44.5	43.8	42.6	41.8
125°	55.6	51.4	48.4	46.5	45.5	44.8	44.0	43.1	42.4	41.3	40.4
127.5°	53.3	49.4	46.5	44.7	43.7	43.1	42.4	41.6	41.0	39.9	38.9
130°	51.0	47.4	44.7	42.9	42.0	41.3	40.7	40.2	39.5	38.5	37.4
132.5°	48.7	45.4	42.8	41.1	40.2	39.5	39.0	38.4	37.8	36.9	35.8
135°	46.4	43.3	41.0	39.3	38.4	37.8	37.3	36.7	36.1	35.3	34.2
137.5°	44.1	41.1	38.8	37.2	36.6	36.0	35.5	35.0	34.3	33.4	32.6
140°	41.7	38.8	36.6	35.1	34.7	34.2	33.7	33.2	32.5	31.6	30.8
142.5°	38.9	36.3	34.5	33.1	32.7	32.2	31.5	30.9	30.3	29.6	28.9
145°	36.1	33.8	32.3	31.0	30.6	30.1	29.3	28.7	28.1	27.6	27.0
147.5°	33.3	31.2	29.8	28.6	28.3	27.8	27.3	26.7	26.2	25.6	25.0
150°	30.5	28.5	27.4	26.2	25.9	25.5	25.1	24.6	24.1	23.6	23.0
152.5°	27.6	25.9	24.9	23.8	23.5	23.2	22.8	22.4	21.9	21.4	20.9
155°	24.7	23.3	22.4	21.4	21.1	20.8	20.4	20.0	19.6	19.1	18.7
157.5°	21.3	20.3	19.7	19.1	18.6	18.1	17.6	17.3	16.9	16.6	16.4
160°	18.4	17.7	16.9	16.1	15.9	15.6	15.3	15.0	14.7	14.3	14.0
162.5°	15.4	14.9	14.3	13.7	13.5	13.3	13.0	12.7	12.4	12.1	11.7
165°	12.6	12.2	11.8	11.3	11.1	10.9	10.7	10.5	10.2	9.9	9.6
167.5°	10.0	9.7	9.3	9.0	8.8	8.6	8.5	8.3	8.0	7.8	7.5
170°	7.4	7.2	6.9	6.6	6.5	6.4	6.2	6.1	5.9	5.7	5.5
172.5°	5.3	5.0	4.8	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7
175°	3.0	2.8	2.6	2.4	2.3	2.3	2.2	2.2	2.1	2.0	1.9
177.5°	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	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: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7
5°	1.9	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
7.5°	3.5	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.0
10°	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3
12.5°	7.2	6.9	6.7	6.4	6.2	5.9	5.6	5.4	5.0	4.7	4.4
15°	9.3	8.9	8.6	8.3	7.9	7.6	7.2	6.8	6.4	5.9	5.5
17.5°	11.4	11.0	10.6	10.2	9.8	9.4	9.0	8.5	8.0	7.4	6.9
20°	13.7	13.4	12.9	12.4	11.9	11.3	10.7	10.1	9.4	8.7	8.1
22.5°	16.1	15.6	15.0	14.4	13.8	13.1	12.4	11.7	11.0	10.2	9.5
25°	18.2	17.6	17.0	16.4	15.7	15.0	14.2	13.4	12.6	11.8	11.0
27.5°	20.3	19.7	19.0	18.3	17.6	16.8	16.0	15.1	14.2	13.3	12.3
30°	22.4	21.7	21.0	20.2	19.3	18.5	17.8	16.9	15.9	14.9	13.9
32.5°	24.4	23.8	22.9	21.9	20.9	20.1	19.3	18.4	17.5	16.5	15.4
35°	26.3	25.6	24.7	23.7	22.7	21.8	20.9	19.9	18.9	17.9	16.8
37.5°	28.2	27.4	26.6	25.5	24.4	23.5	22.5	21.5	20.3	19.0	17.9
40°	30.1	29.3	28.3	27.1	26.1	25.2	24.2	23.0	21.6	20.3	19.1
42.5°	31.9	31.2	30.0	28.9	27.9	26.8	25.6	24.3	22.8	21.5	20.3
45°	33.5	32.6	31.4	30.5	29.5	28.2	26.8	25.4	24.0	22.7	21.6
47.5°	35.0	34.0	32.9	32.1	30.9	29.5	28.1	26.6	25.2	23.7	22.5
50°	36.4	35.4	34.4	33.4	32.1	30.8	29.4	27.9	26.4	25.0	23.7
52.5°	37.8	37.0	35.7	34.5	33.2	31.9	30.5	29.1	27.6	26.2	24.6
55°	39.4	38.2	37.0	35.7	34.3	33.0	31.6	30.2	28.5	27.0	25.5
57.5°	40.7	39.5	38.2	36.9	35.5	33.9	32.5	31.0	29.2	27.7	26.1
60°	41.7	40.4	39.2	37.9	36.5	34.7	33.3	31.9	30.2	28.5	26.9
62.5°	42.7	41.5	40.2	38.9	37.3	35.6	34.2	32.7	30.9	29.0	27.4
65°	43.8	42.5	40.9	39.6	38.1	36.5	34.9	33.3	31.7	29.7	28.1
67.5°	44.5	43.3	41.7	40.4	39.0	37.2	35.4	34.0	32.3	30.4	28.5
70°	45.3	44.0	42.6	41.2	39.5	37.7	36.1	34.6	32.9	31.0	29.0
72.5°	46.1	44.6	43.1	41.6	40.0	38.5	36.8	34.9	33.1	31.4	29.5
75°	46.6	45.0	43.6	42.0	40.3	38.8	37.1	35.3	33.4	31.7	29.7
77.5°	46.9	45.4	44.0	42.4	40.6	39.2	37.5	35.7	33.6	31.7	29.7
80°	47.2	45.9	44.3	42.8	41.1	39.4	37.7	35.9	33.7	31.7	29.9
82.5°	47.4	46.2	44.5	43.0	41.3	39.5	37.7	36.0	33.7	31.9	30.1
85°	47.6	46.5	44.7	43.0	41.2	39.4	37.6	35.8	33.9	32.1	30.0
87.5°	47.6	46.5	44.7	43.5	41.7	39.9	38.1	35.7	33.9	32.2	29.8
90°	47.6	46.5	44.7	43.2	41.4	39.6	37.8	35.7	33.9	32.2	29.9
92.5°	47.6	46.5	44.7	43.0	41.2	39.4	37.6	35.8	33.9	32.1	30.0
95°	47.6	46.5	44.7	43.0	41.2	39.4	37.6	35.8	33.9	32.1	30.0
97.5°	47.4	46.2	44.5	43.0	41.3	39.5	37.7	36.0	33.7	31.9	30.1
100°	47.2	45.9	44.3	42.8	41.1	39.4	37.7	35.9	33.7	31.7	29.9
102.5°	46.9	45.4	44.0	42.4	40.6	39.2	37.5	35.7	33.6	31.7	29.7
105°	46.6	45.0	43.6	42.0	40.3	38.8	37.1	35.3	33.4	31.7	29.7
107.5°	46.1	44.6	43.1	41.6	40.0	38.5	36.8	34.9	33.1	31.4	29.5
110°	45.3	44.0	42.6	41.2	39.5	37.7	36.1	34.6	32.9	31.0	29.0



TEST NUMBER: P231886

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	44.5	43.3	41.7	40.4	39.0	37.2	35.4	34.0	32.3	30.4	28.5
115°	43.8	42.5	40.9	39.6	38.1	36.5	34.9	33.3	31.7	29.7	28.1
117.5°	42.7	41.5	40.2	38.9	37.3	35.6	34.2	32.7	30.9	29.0	27.4
120°	41.7	40.4	39.2	37.9	36.5	34.7	33.3	31.9	30.2	28.5	26.9
122.5°	40.7	39.5	38.2	36.9	35.5	33.9	32.5	31.0	29.2	27.7	26.1
125°	39.4	38.2	37.0	35.7	34.3	33.0	31.6	30.2	28.5	27.0	25.5
127.5°	37.8	37.0	35.7	34.5	33.2	31.9	30.5	29.1	27.6	26.2	24.6
130°	36.4	35.4	34.4	33.4	32.1	30.8	29.4	27.9	26.4	25.0	23.7
132.5°	35.0	34.0	32.9	32.1	30.9	29.5	28.1	26.6	25.2	23.7	22.5
135°	33.5	32.6	31.4	30.5	29.5	28.2	26.8	25.4	24.0	22.7	21.6
137.5°	31.9	31.2	30.0	28.9	27.9	26.8	25.6	24.3	22.8	21.5	20.3
140°	30.1	29.3	28.3	27.1	26.1	25.2	24.2	23.0	21.6	20.3	19.1
142.5°	28.2	27.4	26.6	25.5	24.4	23.5	22.5	21.5	20.3	19.0	17.9
145°	26.3	25.6	24.7	23.7	22.7	21.8	20.9	19.9	18.9	17.9	16.8
147.5°	24.4	23.8	22.9	21.9	20.9	20.1	19.3	18.4	17.5	16.5	15.4
150°	22.4	21.7	21.0	20.2	19.3	18.5	17.8	16.9	15.9	14.9	13.9
152.5°	20.3	19.7	19.0	18.3	17.6	16.8	16.0	15.1	14.2	13.3	12.3
155°	18.2	17.6	17.0	16.4	15.7	15.0	14.2	13.4	12.6	11.8	11.0
157.5°	16.1	15.6	15.0	14.4	13.8	13.1	12.4	11.7	11.0	10.2	9.5
160°	13.7	13.4	12.9	12.4	11.9	11.3	10.7	10.1	9.4	8.7	8.1
162.5°	11.4	11.0	10.6	10.2	9.8	9.4	9.0	8.5	8.0	7.4	6.9
165°	9.3	8.9	8.6	8.3	7.9	7.6	7.2	6.8	6.4	5.9	5.5
167.5°	7.2	6.9	6.7	6.4	6.2	5.9	5.6	5.4	5.0	4.7	4.4
170°	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3
172.5°	3.5	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.0
175°	1.9	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
177.5°	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	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: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3
5°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
7.5°	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8
10°	3.1	2.8	2.6	2.3	2.1	1.8	1.7	1.5	1.4	1.2	1.1
12.5°	4.0	3.7	3.4	3.1	2.8	2.5	2.1	1.7	1.4	1.2	1.0
15°	5.0	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.8	1.4	1.1
17.5°	6.4	5.9	5.5	5.0	4.5	4.1	3.5	3.0	2.5	2.0	1.5
20°	7.5	7.0	6.5	5.9	5.2	4.5	3.9	3.4	3.0	2.5	1.9
22.5°	8.9	8.2	7.6	6.8	6.1	5.4	4.8	4.1	3.5	2.9	2.3
25°	10.2	9.4	8.5	7.7	7.0	6.3	5.4	4.5	3.7	3.1	2.5
27.5°	11.4	10.6	9.9	9.1	8.1	7.1	6.2	5.3	4.5	3.6	2.9
30°	13.0	12.2	11.2	10.1	9.0	7.9	6.8	5.9	5.1	4.2	3.3
32.5°	14.3	13.1	12.1	11.0	9.9	8.8	7.7	6.6	5.7	4.6	3.6
35°	15.7	14.3	13.1	11.9	10.8	9.7	8.5	7.3	6.1	5.1	4.0
37.5°	16.6	15.3	14.0	12.8	11.6	10.4	9.1	7.8	6.5	5.2	4.1
40°	17.9	16.6	15.2	13.8	12.5	11.2	9.8	8.4	7.0	5.6	4.4
42.5°	19.2	17.7	16.1	14.8	13.4	12.0	10.6	9.1	7.6	6.3	5.0
45°	20.0	18.5	17.2	15.8	14.2	12.7	11.1	9.3	8.0	6.7	5.2
47.5°	21.0	19.4	17.9	16.3	14.7	13.0	11.5	10.1	8.3	7.0	5.6
50°	22.1	20.4	18.6	17.1	15.5	13.8	12.2	10.4	8.7	7.3	6.0
52.5°	23.0	21.4	19.7	18.0	16.3	14.5	12.7	11.0	9.3	7.7	6.3
55°	23.5	22.0	20.3	18.4	16.7	15.1	13.3	11.6	9.8	8.0	6.3
57.5°	24.3	22.6	20.9	19.0	17.2	15.5	13.7	11.9	10.0	8.1	6.5
60°	25.0	23.3	21.5	19.5	17.8	16.0	14.1	12.2	10.3	8.3	6.5
62.5°	25.6	23.9	22.0	20.0	18.1	16.2	14.3	12.3	10.6	8.4	6.5
65°	26.2	24.2	22.2	20.2	18.3	16.6	14.7	12.5	10.3	8.3	6.4
67.5°	26.5	24.6	22.5	20.5	18.6	16.9	14.8	12.6	10.4	8.6	6.6
70°	26.9	25.0	23.0	20.9	18.9	16.8	14.9	12.8	10.4	8.2	6.5
72.5°	27.1	25.1	23.2	21.3	19.1	16.9	14.9	12.8	10.7	8.3	6.2
75°	27.3	25.4	23.5	21.5	19.1	17.1	15.0	12.9	10.7	8.4	6.1
77.5°	27.6	25.7	23.7	21.5	19.4	17.3	14.8	13.0	10.6	8.1	6.1
80°	27.7	25.7	23.5	21.4	19.4	17.0	14.8	12.6	10.4	8.2	6.0
82.5°	27.8	25.8	23.5	21.4	19.3	16.9	14.9	12.6	10.4	8.2	5.9
85°	27.9	25.8	23.5	21.2	19.3	17.1	14.7	12.3	10.0	7.7	5.8
87.5°	28.0	25.7	23.3	21.5	19.2	16.8	14.4	12.0	9.6	7.8	5.6
90°	28.0	25.6	23.2	21.4	19.1	16.7	14.3	11.9	9.5	7.7	5.4
92.5°	28.0	25.7	23.3	21.5	19.2	16.8	14.4	12.0	9.6	7.8	5.6
95°	27.9	25.8	23.5	21.2	19.3	17.1	14.7	12.3	10.0	7.7	5.8
97.5°	27.8	25.8	23.5	21.4	19.3	16.9	14.9	12.6	10.4	8.2	5.9
100°	27.7	25.7	23.5	21.4	19.4	17.0	14.8	12.6	10.4	8.2	6.0
102.5°	27.6	25.7	23.7	21.5	19.4	17.3	14.8	13.0	10.6	8.1	6.1
105°	27.3	25.4	23.5	21.5	19.1	17.1	15.0	12.9	10.7	8.4	6.1
107.5°	27.1	25.1	23.2	21.3	19.1	16.9	14.9	12.8	10.7	8.3	6.2
110°	26.9	25.0	23.0	20.9	18.9	16.8	14.9	12.8	10.4	8.2	6.5



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	26.5	24.6	22.5	20.5	18.6	16.9	14.8	12.6	10.4	8.6	6.6
115°	26.2	24.2	22.2	20.2	18.3	16.6	14.7	12.5	10.3	8.3	6.4
117.5°	25.6	23.9	22.0	20.0	18.1	16.2	14.3	12.3	10.6	8.4	6.5
120°	25.0	23.3	21.5	19.5	17.8	16.0	14.1	12.2	10.3	8.3	6.5
122.5°	24.3	22.6	20.9	19.0	17.2	15.5	13.7	11.9	10.0	8.1	6.5
125°	23.5	22.0	20.3	18.4	16.7	15.1	13.3	11.6	9.8	8.0	6.3
127.5°	23.0	21.4	19.7	18.0	16.3	14.5	12.7	11.0	9.3	7.7	6.3
130°	22.1	20.4	18.6	17.1	15.5	13.8	12.2	10.4	8.7	7.3	6.0
132.5°	21.0	19.4	17.9	16.3	14.7	13.0	11.5	10.1	8.3	7.0	5.6
135°	20.0	18.5	17.2	15.8	14.2	12.7	11.1	9.3	8.0	6.7	5.2
137.5°	19.2	17.7	16.1	14.8	13.4	12.0	10.6	9.1	7.6	6.3	5.0
140°	17.9	16.6	15.2	13.8	12.5	11.2	9.8	8.4	7.0	5.6	4.4
142.5°	16.6	15.3	14.0	12.8	11.6	10.4	9.1	7.8	6.5	5.2	4.1
145°	15.7	14.3	13.1	11.9	10.8	9.7	8.5	7.3	6.1	5.1	4.0
147.5°	14.3	13.1	12.1	11.0	9.9	8.8	7.7	6.6	5.7	4.6	3.6
150°	13.0	12.2	11.2	10.1	9.0	7.9	6.8	5.9	5.1	4.2	3.3
152.5°	11.4	10.6	9.9	9.1	8.1	7.1	6.2	5.3	4.5	3.6	2.9
155°	10.2	9.4	8.5	7.7	7.0	6.3	5.4	4.5	3.7	3.1	2.5
157.5°	8.9	8.2	7.6	6.8	6.1	5.4	4.8	4.1	3.5	2.9	2.3
160°	7.5	7.0	6.5	5.9	5.2	4.5	3.9	3.4	3.0	2.5	1.9
162.5°	6.4	5.9	5.5	5.0	4.5	4.1	3.5	3.0	2.5	2.0	1.5
165°	5.0	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.8	1.4	1.1
167.5°	4.0	3.7	3.4	3.1	2.8	2.5	2.1	1.7	1.4	1.2	1.0
170°	3.1	2.8	2.6	2.3	2.1	1.8	1.7	1.5	1.4	1.2	1.1
172.5°	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8
175°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
177.5°	0.7	0.6	0.6	0.5	0.5	0.5	0.4	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: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
12.5°	0.9	0.7	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
15°	1.0	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
17.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
20°	1.4	1.1	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
22.5°	1.8	1.3	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
25°	1.9	1.2	0.6	0.5	0.3	0.1	0.0	0.1	0.3	0.5	0.6
27.5°	2.2	1.5	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
30°	2.5	1.7	1.0	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.0
32.5°	2.7	2.0	1.2	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.2
35°	2.9	2.1	1.4	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.4
37.5°	3.1	2.2	1.5	0.9	0.5	0.2	0.0	0.2	0.5	0.9	1.5
40°	3.4	2.2	1.5	0.9	0.5	0.3	0.0	0.3	0.5	0.9	1.5
42.5°	3.7	2.5	1.6	1.0	0.5	0.3	0.0	0.3	0.5	1.0	1.6
45°	3.8	2.7	1.8	1.2	0.6	0.3	0.0	0.3	0.6	1.2	1.8
47.5°	4.0	2.9	1.7	1.1	0.7	0.3	0.0	0.3	0.7	1.1	1.7
50°	4.6	3.1	1.9	1.0	0.3	0.0	0.0	0.0	0.3	1.0	1.9
52.5°	4.7	3.2	1.9	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.9
55°	4.4	3.0	1.8	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.8
57.5°	4.7	3.1	1.9	1.0	0.3	0.0	0.0	0.0	0.3	1.0	1.9
60°	4.9	3.2	2.0	1.0	0.4	0.0	0.0	0.0	0.4	1.0	2.0
62.5°	4.9	3.0	1.8	0.8	0.5	0.0	0.0	0.0	0.5	0.8	1.8
65°	4.6	3.1	1.7	0.7	0.6	0.0	0.0	0.0	0.6	0.7	1.7
67.5°	4.7	3.2	1.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.7
70°	4.8	3.0	1.8	0.9	0.4	0.0	0.0	0.0	0.4	0.9	1.8
72.5°	4.4	3.0	1.7	0.6	0.2	0.0	0.0	0.0	0.2	0.6	1.7
75°	4.2	2.6	1.4	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.4
77.5°	4.3	2.4	1.2	0.5	0.1	0.0	0.0	0.0	0.1	0.5	1.2
80°	4.0	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	3.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	3.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.0	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	4.3	2.4	1.2	0.5	0.1	0.0	0.0	0.0	0.1	0.5	1.2
105°	4.2	2.6	1.4	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.4
107.5°	4.4	3.0	1.7	0.6	0.2	0.0	0.0	0.0	0.2	0.6	1.7
110°	4.8	3.0	1.8	0.9	0.4	0.0	0.0	0.0	0.4	0.9	1.8



TEST NUMBER: P231886

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	4.7	3.2	1.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.7
115°	4.6	3.1	1.7	0.7	0.6	0.0	0.0	0.0	0.6	0.7	1.7
117.5°	4.9	3.0	1.8	0.8	0.5	0.0	0.0	0.0	0.5	0.8	1.8
120°	4.9	3.2	2.0	1.0	0.4	0.0	0.0	0.0	0.4	1.0	2.0
122.5°	4.7	3.1	1.9	1.0	0.3	0.0	0.0	0.0	0.3	1.0	1.9
125°	4.4	3.0	1.8	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.8
127.5°	4.7	3.2	1.9	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.9
130°	4.6	3.1	1.9	1.0	0.3	0.0	0.0	0.0	0.3	1.0	1.9
132.5°	4.0	2.9	1.7	1.1	0.7	0.3	0.0	0.3	0.7	1.1	1.7
135°	3.8	2.7	1.8	1.2	0.6	0.3	0.0	0.3	0.6	1.2	1.8
137.5°	3.7	2.5	1.6	1.0	0.5	0.3	0.0	0.3	0.5	1.0	1.6
140°	3.4	2.2	1.5	0.9	0.5	0.3	0.0	0.3	0.5	0.9	1.5
142.5°	3.1	2.2	1.5	0.9	0.5	0.2	0.0	0.2	0.5	0.9	1.5
145°	2.9	2.1	1.4	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.4
147.5°	2.7	2.0	1.2	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.2
150°	2.5	1.7	1.0	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.0
152.5°	2.2	1.5	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
155°	1.9	1.2	0.6	0.5	0.3	0.1	0.0	0.1	0.3	0.5	0.6
157.5°	1.8	1.3	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
160°	1.4	1.1	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
162.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
165°	1.0	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
167.5°	0.9	0.7	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
170°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
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: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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	0.4	0.5	0.5	0.5	0.6
5°	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.1
7.5°	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.6
10°	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2.1	2.3	2.6
12.5°	0.7	0.9	1.0	1.2	1.4	1.7	2.1	2.5	2.8	3.1	3.4
15°	0.8	1.0	1.1	1.4	1.8	2.3	2.7	3.1	3.5	3.9	4.3
17.5°	0.9	1.1	1.5	2.0	2.5	3.0	3.5	4.1	4.5	5.0	5.5
20°	1.1	1.4	1.9	2.5	3.0	3.4	3.9	4.5	5.2	5.9	6.5
22.5°	1.3	1.8	2.3	2.9	3.5	4.1	4.8	5.4	6.1	6.8	7.6
25°	1.2	1.9	2.5	3.1	3.7	4.5	5.4	6.3	7.0	7.7	8.5
27.5°	1.5	2.2	2.9	3.6	4.5	5.3	6.2	7.1	8.1	9.1	9.9
30°	1.7	2.5	3.3	4.2	5.1	5.9	6.8	7.9	9.0	10.1	11.2
32.5°	2.0	2.7	3.6	4.6	5.7	6.6	7.7	8.8	9.9	11.0	12.1
35°	2.1	2.9	4.0	5.1	6.1	7.3	8.5	9.7	10.8	11.9	13.1
37.5°	2.2	3.1	4.1	5.2	6.5	7.8	9.1	10.4	11.6	12.8	14.0
40°	2.2	3.4	4.4	5.6	7.0	8.4	9.8	11.2	12.5	13.8	15.2
42.5°	2.5	3.7	5.0	6.3	7.6	9.1	10.6	12.0	13.4	14.8	16.1
45°	2.7	3.8	5.2	6.7	8.0	9.3	11.1	12.7	14.2	15.8	17.2
47.5°	2.9	4.0	5.6	7.0	8.3	10.1	11.5	13.0	14.7	16.3	17.9
50°	3.1	4.6	6.0	7.3	8.7	10.4	12.2	13.8	15.5	17.1	18.6
52.5°	3.2	4.7	6.3	7.7	9.3	11.0	12.7	14.5	16.3	18.0	19.7
55°	3.0	4.4	6.3	8.0	9.8	11.6	13.3	15.1	16.7	18.4	20.3
57.5°	3.1	4.7	6.5	8.1	10.0	11.9	13.7	15.5	17.2	19.0	20.9
60°	3.2	4.9	6.5	8.3	10.3	12.2	14.1	16.0	17.8	19.5	21.5
62.5°	3.0	4.9	6.5	8.4	10.6	12.3	14.3	16.2	18.1	20.0	22.0
65°	3.1	4.6	6.4	8.3	10.3	12.5	14.7	16.6	18.3	20.2	22.2
67.5°	3.2	4.7	6.6	8.6	10.4	12.6	14.8	16.9	18.6	20.5	22.5
70°	3.0	4.8	6.5	8.2	10.4	12.8	14.9	16.8	18.9	20.9	23.0
72.5°	3.0	4.4	6.2	8.3	10.7	12.8	14.9	16.9	19.1	21.3	23.2
75°	2.6	4.2	6.1	8.4	10.7	12.9	15.0	17.1	19.1	21.5	23.5
77.5°	2.4	4.3	6.1	8.1	10.6	13.0	14.8	17.3	19.4	21.5	23.7
80°	2.3	4.0	6.0	8.2	10.4	12.6	14.8	17.0	19.4	21.4	23.5
82.5°	1.8	3.5	5.9	8.2	10.4	12.6	14.9	16.9	19.3	21.4	23.5
85°	1.0	3.6	5.8	7.7	10.0	12.3	14.7	17.1	19.3	21.2	23.5
87.5°	0.3	3.2	5.6	7.8	9.6	12.0	14.4	16.8	19.2	21.5	23.3
90°	0.0	3.0	5.4	7.7	9.5	11.9	14.3	16.7	19.1	21.4	23.2
92.5°	0.3	3.2	5.6	7.8	9.6	12.0	14.4	16.8	19.2	21.5	23.3
95°	1.0	3.6	5.8	7.7	10.0	12.3	14.7	17.1	19.3	21.2	23.5
97.5°	1.8	3.5	5.9	8.2	10.4	12.6	14.9	16.9	19.3	21.4	23.5
100°	2.3	4.0	6.0	8.2	10.4	12.6	14.8	17.0	19.4	21.4	23.5
102.5°	2.4	4.3	6.1	8.1	10.6	13.0	14.8	17.3	19.4	21.5	23.7
105°	2.6	4.2	6.1	8.4	10.7	12.9	15.0	17.1	19.1	21.5	23.5
107.5°	3.0	4.4	6.2	8.3	10.7	12.8	14.9	16.9	19.1	21.3	23.2
110°	3.0	4.8	6.5	8.2	10.4	12.8	14.9	16.8	18.9	20.9	23.0



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	3.2	4.7	6.6	8.6	10.4	12.6	14.8	16.9	18.6	20.5	22.5
115°	3.1	4.6	6.4	8.3	10.3	12.5	14.7	16.6	18.3	20.2	22.2
117.5°	3.0	4.9	6.5	8.4	10.6	12.3	14.3	16.2	18.1	20.0	22.0
120°	3.2	4.9	6.5	8.3	10.3	12.2	14.1	16.0	17.8	19.5	21.5
122.5°	3.1	4.7	6.5	8.1	10.0	11.9	13.7	15.5	17.2	19.0	20.9
125°	3.0	4.4	6.3	8.0	9.8	11.6	13.3	15.1	16.7	18.4	20.3
127.5°	3.2	4.7	6.3	7.7	9.3	11.0	12.7	14.5	16.3	18.0	19.7
130°	3.1	4.6	6.0	7.3	8.7	10.4	12.2	13.8	15.5	17.1	18.6
132.5°	2.9	4.0	5.6	7.0	8.3	10.1	11.5	13.0	14.7	16.3	17.9
135°	2.7	3.8	5.2	6.7	8.0	9.3	11.1	12.7	14.2	15.8	17.2
137.5°	2.5	3.7	5.0	6.3	7.6	9.1	10.6	12.0	13.4	14.8	16.1
140°	2.2	3.4	4.4	5.6	7.0	8.4	9.8	11.2	12.5	13.8	15.2
142.5°	2.2	3.1	4.1	5.2	6.5	7.8	9.1	10.4	11.6	12.8	14.0
145°	2.1	2.9	4.0	5.1	6.1	7.3	8.5	9.7	10.8	11.9	13.1
147.5°	2.0	2.7	3.6	4.6	5.7	6.6	7.7	8.8	9.9	11.0	12.1
150°	1.7	2.5	3.3	4.2	5.1	5.9	6.8	7.9	9.0	10.1	11.2
152.5°	1.5	2.2	2.9	3.6	4.5	5.3	6.2	7.1	8.1	9.1	9.9
155°	1.2	1.9	2.5	3.1	3.7	4.5	5.4	6.3	7.0	7.7	8.5
157.5°	1.3	1.8	2.3	2.9	3.5	4.1	4.8	5.4	6.1	6.8	7.6
160°	1.1	1.4	1.9	2.5	3.0	3.4	3.9	4.5	5.2	5.9	6.5
162.5°	0.9	1.1	1.5	2.0	2.5	3.0	3.5	4.1	4.5	5.0	5.5
165°	0.8	1.0	1.1	1.4	1.8	2.3	2.7	3.1	3.5	3.9	4.3
167.5°	0.7	0.9	1.0	1.2	1.4	1.7	2.1	2.5	2.8	3.1	3.4
170°	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2.1	2.3	2.6
172.5°	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.6
175°	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.1
177.5°	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	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: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.0
5°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7
7.5°	1.7	1.8	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.3
10°	2.8	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9
12.5°	3.7	4.0	4.4	4.7	5.0	5.4	5.6	5.9	6.2	6.4	6.7
15°	4.6	5.0	5.5	5.9	6.4	6.8	7.2	7.6	7.9	8.3	8.6
17.5°	5.9	6.4	6.9	7.4	8.0	8.5	9.0	9.4	9.8	10.2	10.6
20°	7.0	7.5	8.1	8.7	9.4	10.1	10.7	11.3	11.9	12.4	12.9
22.5°	8.2	8.9	9.5	10.2	11.0	11.7	12.4	13.1	13.8	14.4	15.0
25°	9.4	10.2	11.0	11.8	12.6	13.4	14.2	15.0	15.7	16.4	17.0
27.5°	10.6	11.4	12.3	13.3	14.2	15.1	16.0	16.8	17.6	18.3	19.0
30°	12.2	13.0	13.9	14.9	15.9	16.9	17.8	18.5	19.3	20.2	21.0
32.5°	13.1	14.3	15.4	16.5	17.5	18.4	19.3	20.1	20.9	21.9	22.9
35°	14.3	15.7	16.8	17.9	18.9	19.9	20.9	21.8	22.7	23.7	24.7
37.5°	15.3	16.6	17.9	19.0	20.3	21.5	22.5	23.5	24.4	25.5	26.6
40°	16.6	17.9	19.1	20.3	21.6	23.0	24.2	25.2	26.1	27.1	28.3
42.5°	17.7	19.2	20.3	21.5	22.8	24.3	25.6	26.8	27.9	28.9	30.0
45°	18.5	20.0	21.6	22.7	24.0	25.4	26.8	28.2	29.5	30.5	31.4
47.5°	19.4	21.0	22.5	23.7	25.2	26.6	28.1	29.5	30.9	32.1	32.9
50°	20.4	22.1	23.7	25.0	26.4	27.9	29.4	30.8	32.1	33.4	34.4
52.5°	21.4	23.0	24.6	26.2	27.6	29.1	30.5	31.9	33.2	34.5	35.7
55°	22.0	23.5	25.5	27.0	28.5	30.2	31.6	33.0	34.3	35.7	37.0
57.5°	22.6	24.3	26.1	27.7	29.2	31.0	32.5	33.9	35.5	36.9	38.2
60°	23.3	25.0	26.9	28.5	30.2	31.9	33.3	34.7	36.5	37.9	39.2
62.5°	23.9	25.6	27.4	29.0	30.9	32.7	34.2	35.6	37.3	38.9	40.2
65°	24.2	26.2	28.1	29.7	31.7	33.3	34.9	36.5	38.1	39.6	40.9
67.5°	24.6	26.5	28.5	30.4	32.3	34.0	35.4	37.2	39.0	40.4	41.7
70°	25.0	26.9	29.0	31.0	32.9	34.6	36.1	37.7	39.5	41.2	42.6
72.5°	25.1	27.1	29.5	31.4	33.1	34.9	36.8	38.5	40.0	41.6	43.1
75°	25.4	27.3	29.7	31.7	33.4	35.3	37.1	38.8	40.3	42.0	43.6
77.5°	25.7	27.6	29.7	31.7	33.6	35.7	37.5	39.2	40.6	42.4	44.0
80°	25.7	27.7	29.9	31.7	33.7	35.9	37.7	39.4	41.1	42.8	44.3
82.5°	25.8	27.8	30.1	31.9	33.7	36.0	37.7	39.5	41.3	43.0	44.5
85°	25.8	27.9	30.0	32.1	33.9	35.8	37.6	39.4	41.2	43.0	44.7
87.5°	25.7	28.0	29.9	32.2	33.9	35.7	37.8	39.6	41.4	43.2	44.7
90°	25.6	28.0	29.8	32.2	33.9	35.7	38.1	39.9	41.7	43.5	44.7
92.5°	25.7	28.0	29.9	32.2	33.9	35.7	37.8	39.6	41.4	43.2	44.7
95°	25.8	27.9	30.0	32.1	33.9	35.8	37.6	39.4	41.2	43.0	44.7
97.5°	25.8	27.8	30.1	31.9	33.7	36.0	37.7	39.5	41.3	43.0	44.5
100°	25.7	27.7	29.9	31.7	33.7	35.9	37.7	39.4	41.1	42.8	44.3
102.5°	25.7	27.6	29.7	31.7	33.6	35.7	37.5	39.2	40.6	42.4	44.0
105°	25.4	27.3	29.7	31.7	33.4	35.3	37.1	38.8	40.3	42.0	43.6
107.5°	25.1	27.1	29.5	31.4	33.1	34.9	36.8	38.5	40.0	41.6	43.1
110°	25.0	26.9	29.0	31.0	32.9	34.6	36.1	37.7	39.5	41.2	42.6



TEST NUMBER: P231886

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	24.6	26.5	28.5	30.4	32.3	34.0	35.4	37.2	39.0	40.4	41.7
115°	24.2	26.2	28.1	29.7	31.7	33.3	34.9	36.5	38.1	39.6	40.9
117.5°	23.9	25.6	27.4	29.0	30.9	32.7	34.2	35.6	37.3	38.9	40.2
120°	23.3	25.0	26.9	28.5	30.2	31.9	33.3	34.7	36.5	37.9	39.2
122.5°	22.6	24.3	26.1	27.7	29.2	31.0	32.5	33.9	35.5	36.9	38.2
125°	22.0	23.5	25.5	27.0	28.5	30.2	31.6	33.0	34.3	35.7	37.0
127.5°	21.4	23.0	24.6	26.2	27.6	29.1	30.5	31.9	33.2	34.5	35.7
130°	20.4	22.1	23.7	25.0	26.4	27.9	29.4	30.8	32.1	33.4	34.4
132.5°	19.4	21.0	22.5	23.7	25.2	26.6	28.1	29.5	30.9	32.1	32.9
135°	18.5	20.0	21.6	22.7	24.0	25.4	26.8	28.2	29.5	30.5	31.4
137.5°	17.7	19.2	20.3	21.5	22.8	24.3	25.6	26.8	27.9	28.9	30.0
140°	16.6	17.9	19.1	20.3	21.6	23.0	24.2	25.2	26.1	27.1	28.3
142.5°	15.3	16.6	17.9	19.0	20.3	21.5	22.5	23.5	24.4	25.5	26.6
145°	14.3	15.7	16.8	17.9	18.9	19.9	20.9	21.8	22.7	23.7	24.7
147.5°	13.1	14.3	15.4	16.5	17.5	18.4	19.3	20.1	20.9	21.9	22.9
150°	12.2	13.0	13.9	14.9	15.9	16.9	17.8	18.5	19.3	20.2	21.0
152.5°	10.6	11.4	12.3	13.3	14.2	15.1	16.0	16.8	17.6	18.3	19.0
155°	9.4	10.2	11.0	11.8	12.6	13.4	14.2	15.0	15.7	16.4	17.0
157.5°	8.2	8.9	9.5	10.2	11.0	11.7	12.4	13.1	13.8	14.4	15.0
160°	7.0	7.5	8.1	8.7	9.4	10.1	10.7	11.3	11.9	12.4	12.9
162.5°	5.9	6.4	6.9	7.4	8.0	8.5	9.0	9.4	9.8	10.2	10.6
165°	4.6	5.0	5.5	5.9	6.4	6.8	7.2	7.6	7.9	8.3	8.6
167.5°	3.7	4.0	4.4	4.7	5.0	5.4	5.6	5.9	6.2	6.4	6.7
170°	2.8	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9
172.5°	1.7	1.8	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.3
175°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7
177.5°	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	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: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3
5°	1.8	1.9	1.9	2.0	2.1	2.2	2.2	2.3	2.3	2.4	2.6
7.5°	3.4	3.5	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.8
10°	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.6	6.9
12.5°	6.9	7.2	7.5	7.8	8.0	8.3	8.5	8.6	8.8	9.0	9.3
15°	8.9	9.3	9.6	9.9	10.2	10.5	10.7	10.9	11.1	11.3	11.8
17.5°	11.0	11.4	11.7	12.1	12.4	12.7	13.0	13.3	13.5	13.7	14.3
20°	13.4	13.7	14.0	14.3	14.7	15.0	15.3	15.6	15.9	16.1	16.9
22.5°	15.6	16.1	16.4	16.6	16.9	17.3	17.6	18.1	18.6	19.1	19.7
25°	17.6	18.2	18.7	19.1	19.6	20.0	20.4	20.8	21.1	21.4	22.4
27.5°	19.7	20.3	20.9	21.4	21.9	22.4	22.8	23.2	23.5	23.8	24.9
30°	21.7	22.4	23.0	23.6	24.1	24.6	25.1	25.5	25.9	26.2	27.4
32.5°	23.8	24.4	25.0	25.6	26.2	26.7	27.3	27.8	28.3	28.6	29.8
35°	25.6	26.3	27.0	27.6	28.1	28.7	29.3	30.1	30.6	31.0	32.3
37.5°	27.4	28.2	28.9	29.6	30.3	30.9	31.5	32.2	32.7	33.1	34.5
40°	29.3	30.1	30.8	31.6	32.5	33.2	33.7	34.2	34.7	35.1	36.6
42.5°	31.2	31.9	32.6	33.4	34.3	35.0	35.5	36.0	36.6	37.2	38.8
45°	32.6	33.5	34.2	35.3	36.1	36.7	37.3	37.8	38.4	39.3	41.0
47.5°	34.0	35.0	35.8	36.9	37.8	38.4	39.0	39.5	40.2	41.1	42.8
50°	35.4	36.4	37.4	38.5	39.5	40.2	40.7	41.3	42.0	42.9	44.7
52.5°	37.0	37.8	38.9	39.9	41.0	41.6	42.4	43.1	43.7	44.7	46.5
55°	38.2	39.4	40.4	41.3	42.4	43.1	44.0	44.8	45.5	46.5	48.4
57.5°	39.5	40.7	41.8	42.6	43.8	44.5	45.3	46.1	46.9	47.7	49.6
60°	40.4	41.7	42.9	44.0	45.2	46.0	46.6	47.3	48.3	48.8	50.9
62.5°	41.5	42.7	43.9	45.1	46.1	47.0	47.7	48.4	49.2	50.0	52.1
65°	42.5	43.8	45.0	46.2	47.1	47.9	48.9	49.5	50.1	51.2	53.4
67.5°	43.3	44.5	45.7	46.8	47.9	49.0	50.1	50.7	51.3	52.4	54.6
70°	44.0	45.3	46.6	47.7	49.0	50.0	50.7	51.3	52.5	53.6	55.8
72.5°	44.6	46.1	47.3	48.4	49.6	50.7	51.5	52.2	53.1	54.2	56.5
75°	45.0	46.6	47.7	48.9	50.1	51.3	52.4	53.0	53.6	54.8	57.2
77.5°	45.4	46.9	48.3	49.5	50.7	51.8	52.7	53.3	54.2	55.4	57.8
80°	45.9	47.2	48.8	50.0	51.2	52.4	53.0	53.6	54.8	56.0	58.4
82.5°	46.2	47.4	49.1	50.3	51.5	52.4	53.3	53.9	55.1	56.3	58.7
85°	46.5	47.6	49.4	50.6	51.8	52.4	53.6	54.2	55.4	56.6	59.0
87.5°	46.5	47.6	49.4	50.6	51.8	52.4	53.6	54.2	55.4	56.6	59.0
90°	46.5	47.6	49.4	50.6	51.8	52.4	53.6	54.2	55.4	56.6	59.0
92.5°	46.5	47.6	49.4	50.6	51.8	52.4	53.6	54.2	55.4	56.6	59.0
95°	46.5	47.6	49.4	50.6	51.8	52.4	53.6	54.2	55.4	56.6	59.0
97.5°	46.2	47.4	49.1	50.3	51.5	52.4	53.3	53.9	55.1	56.3	58.7
100°	45.9	47.2	48.8	50.0	51.2	52.4	53.0	53.6	54.8	56.0	58.4
102.5°	45.4	46.9	48.3	49.5	50.7	51.8	52.7	53.3	54.2	55.4	57.8
105°	45.0	46.6	47.7	48.9	50.1	51.3	52.4	53.0	53.6	54.8	57.2
107.5°	44.6	46.1	47.3	48.4	49.6	50.7	51.5	52.2	53.1	54.2	56.5
110°	44.0	45.3	46.6	47.7	49.0	50.0	50.7	51.3	52.5	53.6	55.8



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	43.3	44.5	45.7	46.8	47.9	49.0	50.1	50.7	51.3	52.4	54.6
115°	42.5	43.8	45.0	46.2	47.1	47.9	48.9	49.5	50.1	51.2	53.4
117.5°	41.5	42.7	43.9	45.1	46.1	47.0	47.7	48.4	49.2	50.0	52.1
120°	40.4	41.7	42.9	44.0	45.2	46.0	46.6	47.3	48.3	48.8	50.9
122.5°	39.5	40.7	41.8	42.6	43.8	44.5	45.3	46.1	46.9	47.7	49.6
125°	38.2	39.4	40.4	41.3	42.4	43.1	44.0	44.8	45.5	46.5	48.4
127.5°	37.0	37.8	38.9	39.9	41.0	41.6	42.4	43.1	43.7	44.7	46.5
130°	35.4	36.4	37.4	38.5	39.5	40.2	40.7	41.3	42.0	42.9	44.7
132.5°	34.0	35.0	35.8	36.9	37.8	38.4	39.0	39.5	40.2	41.1	42.8
135°	32.6	33.5	34.2	35.3	36.1	36.7	37.3	37.8	38.4	39.3	41.0
137.5°	31.2	31.9	32.6	33.4	34.3	35.0	35.5	36.0	36.6	37.2	38.8
140°	29.3	30.1	30.8	31.6	32.5	33.2	33.7	34.2	34.7	35.1	36.6
142.5°	27.4	28.2	28.9	29.6	30.3	30.9	31.5	32.2	32.7	33.1	34.5
145°	25.6	26.3	27.0	27.6	28.1	28.7	29.3	30.1	30.6	31.0	32.3
147.5°	23.8	24.4	25.0	25.6	26.2	26.7	27.3	27.8	28.3	28.6	29.8
150°	21.7	22.4	23.0	23.6	24.1	24.6	25.1	25.5	25.9	26.2	27.4
152.5°	19.7	20.3	20.9	21.4	21.9	22.4	22.8	23.2	23.5	23.8	24.9
155°	17.6	18.2	18.7	19.1	19.6	20.0	20.4	20.8	21.1	21.4	22.4
157.5°	15.6	16.1	16.4	16.6	16.9	17.3	17.6	18.1	18.6	19.1	19.7
160°	13.4	13.7	14.0	14.3	14.7	15.0	15.3	15.6	15.9	16.1	16.9
162.5°	11.0	11.4	11.7	12.1	12.4	12.7	13.0	13.3	13.5	13.7	14.3
165°	8.9	9.3	9.6	9.9	10.2	10.5	10.7	10.9	11.1	11.3	11.8
167.5°	6.9	7.2	7.5	7.8	8.0	8.3	8.5	8.6	8.8	9.0	9.3
170°	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.6	6.9
172.5°	3.4	3.5	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.8
175°	1.8	1.9	1.9	2.0	2.1	2.2	2.2	2.3	2.3	2.4	2.6
177.5°	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	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: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4
5°	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.2	4.4	4.6
7.5°	5.0	5.3	5.5	5.7	5.9	6.1	6.3	6.8	7.2	7.5	7.9
10°	7.2	7.4	7.7	7.9	8.2	8.8	9.4	10.0	10.5	11.0	11.6
12.5°	9.7	10.0	10.3	10.8	11.6	12.3	13.1	13.8	14.6	15.6	16.6
15°	12.2	12.6	13.0	14.1	15.2	16.2	17.2	18.4	19.6	20.7	22.0
17.5°	14.9	15.4	16.5	17.7	18.9	20.2	21.6	23.0	24.4	26.0	27.7
20°	17.7	18.4	19.9	21.3	22.7	24.5	26.1	27.7	29.7	31.6	33.5
22.5°	20.3	21.3	23.0	24.7	26.6	28.6	30.5	32.7	34.9	37.1	39.5
25°	23.3	24.7	26.3	28.1	30.5	32.8	35.3	37.7	40.1	42.8	45.5
27.5°	25.9	27.6	29.4	31.7	34.3	37.1	40.0	42.9	45.8	48.6	51.5
30°	28.5	30.5	32.4	35.1	38.0	41.2	44.6	47.8	51.0	54.3	57.5
32.5°	31.2	33.3	35.6	38.6	41.7	45.4	49.1	52.7	56.3	59.9	63.4
35°	33.8	36.1	38.8	42.0	45.6	49.6	53.5	57.6	61.6	65.4	69.2
37.5°	36.3	38.9	42.0	45.4	49.4	53.6	58.1	62.5	67.1	70.7	74.6
40°	38.8	41.7	45.2	49.0	53.2	57.7	62.3	67.1	71.5	75.7	80.0
42.5°	41.1	44.1	47.9	52.1	56.7	61.5	66.5	71.7	76.2	80.7	85.4
45°	43.3	46.4	50.4	55.1	60.0	65.0	70.4	75.7	80.7	85.6	90.4
47.5°	45.4	48.7	52.9	57.9	63.2	68.6	74.2	79.8	85.2	90.4	95.3
50°	47.4	51.0	55.5	60.7	66.3	72.0	77.9	83.6	89.1	94.6	100.2
52.5°	49.4	53.3	58.1	63.5	69.4	75.4	81.4	87.1	93.2	99.0	104.5
55°	51.4	55.6	60.6	66.3	72.3	78.5	84.5	90.6	96.9	102.9	108.4
57.5°	52.8	57.4	62.8	68.6	75.1	81.4	87.6	94.0	100.4	106.4	112.4
60°	54.2	59.2	64.7	70.9	77.7	84.2	90.9	97.1	103.6	109.9	116.0
62.5°	55.8	60.7	66.4	72.9	79.8	86.7	93.7	99.8	106.8	113.3	119.6
65°	57.5	62.1	68.0	74.7	81.6	88.7	95.9	102.5	109.5	116.1	122.8
67.5°	58.3	63.5	70.1	76.8	83.6	90.7	97.9	105.0	111.8	118.7	125.5
70°	59.6	64.9	71.1	78.0	85.1	92.5	99.9	107.0	114.0	121.2	127.7
72.5°	60.3	65.8	72.2	79.3	86.6	94.2	101.6	108.9	116.1	123.3	130.0
75°	61.0	66.7	73.4	80.7	88.1	95.6	103.0	110.4	117.8	124.8	131.6
77.5°	61.7	67.2	74.0	81.5	89.2	96.8	104.1	111.7	119.1	126.1	133.0
80°	62.5	67.6	74.5	82.2	90.2	97.9	105.0	112.9	120.2	127.2	134.2
82.5°	62.8	68.2	75.3	82.7	90.7	98.7	106.0	113.9	121.1	128.1	135.1
85°	63.1	68.5	75.6	83.4	91.1	99.5	107.1	114.9	121.7	128.8	135.9
87.5°	63.1	68.5	75.6	83.4	91.4	99.2	106.9	114.9	122.4	129.2	136.4
90°	63.1	68.5	75.6	83.4	91.7	98.9	106.6	114.9	122.7	129.2	136.4
92.5°	63.1	68.5	75.6	83.4	91.4	99.2	106.9	114.9	122.4	129.2	136.4
95°	63.1	68.5	75.6	83.4	91.1	99.5	107.1	114.9	121.7	128.8	135.9
97.5°	62.8	68.2	75.3	82.7	90.7	98.7	106.0	113.9	121.1	128.1	135.1
100°	62.5	67.6	74.5	82.2	90.2	97.9	105.0	112.9	120.2	127.2	134.2
102.5°	61.7	67.2	74.0	81.5	89.2	96.8	104.1	111.7	119.1	126.1	133.0
105°	61.0	66.7	73.4	80.7	88.1	95.6	103.0	110.4	117.8	124.8	131.6
107.5°	60.3	65.8	72.2	79.3	86.6	94.2	101.6	108.9	116.1	123.3	130.0
110°	59.6	64.9	71.1	78.0	85.1	92.5	99.9	107.0	114.0	121.2	127.7



TEST NUMBER: P231886

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	58.3	63.5	70.1	76.8	83.6	90.7	97.9	105.0	111.8	118.7	125.5
115°	57.5	62.1	68.0	74.7	81.6	88.7	95.9	102.5	109.5	116.1	122.8
117.5°	55.8	60.7	66.4	72.9	79.8	86.7	93.7	99.8	106.8	113.3	119.6
120°	54.2	59.2	64.7	70.9	77.7	84.2	90.9	97.1	103.6	109.9	116.0
122.5°	52.8	57.4	62.8	68.6	75.1	81.4	87.6	94.0	100.4	106.4	112.4
125°	51.4	55.6	60.6	66.3	72.3	78.5	84.5	90.6	96.9	102.9	108.4
127.5°	49.4	53.3	58.1	63.5	69.4	75.4	81.4	87.1	93.2	99.0	104.5
130°	47.4	51.0	55.5	60.7	66.3	72.0	77.9	83.6	89.1	94.6	100.2
132.5°	45.4	48.7	52.9	57.9	63.2	68.6	74.2	79.8	85.2	90.4	95.3
135°	43.3	46.4	50.4	55.1	60.0	65.0	70.4	75.7	80.7	85.6	90.4
137.5°	41.1	44.1	47.9	52.1	56.7	61.5	66.5	71.7	76.2	80.7	85.4
140°	38.8	41.7	45.2	49.0	53.2	57.7	62.3	67.1	71.5	75.7	80.0
142.5°	36.3	38.9	42.0	45.4	49.4	53.6	58.1	62.5	67.1	70.7	74.6
145°	33.8	36.1	38.8	42.0	45.6	49.6	53.5	57.6	61.6	65.4	69.2
147.5°	31.2	33.3	35.6	38.6	41.7	45.4	49.1	52.7	56.3	59.9	63.4
150°	28.5	30.5	32.4	35.1	38.0	41.2	44.6	47.8	51.0	54.3	57.5
152.5°	25.9	27.6	29.4	31.7	34.3	37.1	40.0	42.9	45.8	48.6	51.5
155°	23.3	24.7	26.3	28.1	30.5	32.8	35.3	37.7	40.1	42.8	45.5
157.5°	20.3	21.3	23.0	24.7	26.6	28.6	30.5	32.7	34.9	37.1	39.5
160°	17.7	18.4	19.9	21.3	22.7	24.5	26.1	27.7	29.7	31.6	33.5
162.5°	14.9	15.4	16.5	17.7	18.9	20.2	21.6	23.0	24.4	26.0	27.7
165°	12.2	12.6	13.0	14.1	15.2	16.2	17.2	18.4	19.6	20.7	22.0
167.5°	9.7	10.0	10.3	10.8	11.6	12.3	13.1	13.8	14.6	15.6	16.6
170°	7.2	7.4	7.7	7.9	8.2	8.8	9.4	10.0	10.5	11.0	11.6
172.5°	5.0	5.3	5.5	5.7	5.9	6.1	6.3	6.8	7.2	7.5	7.9
175°	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.2	4.4	4.6
177.5°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4
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: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	2.5	2.6	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0
5°	4.8	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.6
7.5°	8.2	8.6	8.9	9.1	9.4	9.9	10.3	10.8	11.2	11.6	11.9
10°	12.3	13.1	13.9	14.6	15.2	15.8	16.4	17.0	17.5	18.0	18.4
12.5°	17.5	18.4	19.3	20.4	21.3	22.3	23.1	23.8	24.5	25.2	25.9
15°	23.2	24.6	25.8	27.0	28.2	29.3	30.4	31.4	32.4	33.3	34.2
17.5°	29.3	31.1	32.5	34.0	35.5	36.8	38.1	39.2	40.3	41.3	42.2
20°	35.5	37.5	39.4	41.1	42.8	44.3	45.8	47.1	48.3	49.4	50.4
22.5°	41.9	44.1	46.2	48.2	50.1	51.8	53.5	55.0	56.4	57.8	59.1
25°	48.1	50.6	53.3	55.2	57.3	59.3	61.3	63.1	64.9	66.4	67.8
27.5°	54.4	57.2	59.7	62.2	64.6	67.1	69.7	71.3	73.1	74.8	76.3
30°	60.6	63.6	66.5	69.2	71.8	74.4	76.9	79.0	81.0	82.8	84.6
32.5°	66.8	70.0	73.1	76.1	78.9	81.7	84.4	86.8	88.8	90.6	92.5
35°	72.9	76.4	79.7	82.9	86.0	89.1	92.0	94.5	96.8	98.8	100.6
37.5°	78.6	82.5	86.2	89.7	93.1	96.2	99.1	101.8	104.3	106.6	108.1
40°	84.4	88.8	92.6	96.0	99.5	102.7	105.7	108.6	111.3	113.8	115.8
42.5°	89.9	94.3	98.2	102.0	105.9	109.3	112.5	115.4	118.5	120.6	122.8
45°	94.9	99.5	103.9	108.1	111.9	115.7	118.9	121.9	124.7	127.3	129.6
47.5°	100.2	104.9	109.4	113.6	117.4	121.4	124.9	128.1	131.1	133.9	136.1
50°	105.2	110.0	114.6	118.8	123.1	127.2	130.8	134.1	137.6	140.1	142.4
52.5°	109.5	114.7	119.5	124.1	129.0	132.6	136.3	139.9	142.9	145.8	148.3
55°	113.8	119.2	124.7	129.0	133.5	137.7	141.8	145.2	148.4	151.2	153.8
57.5°	118.0	123.5	128.6	133.3	138.2	142.5	146.6	150.2	153.5	156.5	159.2
60°	121.9	127.3	132.6	137.6	142.4	146.9	150.9	154.7	158.3	161.6	164.0
62.5°	125.5	130.9	136.5	141.5	146.4	150.8	155.0	159.0	162.9	165.6	168.3
65°	128.5	134.3	139.9	145.1	150.2	154.6	159.0	163.0	166.4	169.3	172.5
67.5°	131.2	137.3	143.0	148.5	153.6	158.1	162.4	166.4	169.9	173.2	176.3
70°	133.9	139.9	145.7	151.4	156.5	160.9	165.3	169.4	173.1	176.6	180.0
72.5°	136.0	142.0	148.0	153.8	158.6	163.4	167.8	171.9	175.9	179.4	182.6
75°	137.9	144.0	150.1	155.9	161.2	165.8	170.1	174.3	178.4	181.9	185.3
77.5°	139.5	145.8	152.0	157.6	162.7	167.6	172.0	176.2	180.0	183.8	187.1
80°	140.9	147.1	153.4	159.0	164.1	169.2	173.6	177.8	181.9	185.5	189.1
82.5°	142.0	148.2	154.5	160.4	165.3	170.4	174.7	178.8	183.2	186.8	190.3
85°	142.5	149.0	155.4	161.0	165.8	171.0	175.6	179.6	184.1	187.8	191.3
87.5°	143.1	149.5	155.8	161.4	166.2	171.5	176.3	180.4	184.6	188.2	191.8
90°	143.5	149.5	155.4	161.4	166.2	171.5	176.3	180.4	184.6	188.2	191.8
92.5°	143.1	149.5	155.8	161.4	166.2	171.5	176.3	180.4	184.6	188.2	191.8
95°	142.5	149.0	155.4	161.0	165.8	171.0	175.6	179.6	184.1	187.8	191.3
97.5°	142.0	148.2	154.5	160.4	165.3	170.4	174.7	178.8	183.2	186.8	190.3
100°	140.9	147.1	153.4	159.0	164.1	169.2	173.6	177.8	181.9	185.5	189.1
102.5°	139.5	145.8	152.0	157.6	162.7	167.6	172.0	176.2	180.0	183.8	187.1
105°	137.9	144.0	150.1	155.9	161.2	165.8	170.1	174.3	178.4	181.9	185.3
107.5°	136.0	142.0	148.0	153.8	158.6	163.4	167.8	171.9	175.9	179.4	182.6
110°	133.9	139.9	145.7	151.4	156.5	160.9	165.3	169.4	173.1	176.6	180.0



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	131.2	137.3	143.0	148.5	153.6	158.1	162.4	166.4	169.9	173.2	176.3
115°	128.5	134.3	139.9	145.1	150.2	154.6	159.0	163.0	166.4	169.3	172.5
117.5°	125.5	130.9	136.5	141.5	146.4	150.8	155.0	159.0	162.9	165.6	168.3
120°	121.9	127.3	132.6	137.6	142.4	146.9	150.9	154.7	158.3	161.6	164.0
122.5°	118.0	123.5	128.6	133.3	138.2	142.5	146.6	150.2	153.5	156.5	159.2
125°	113.8	119.2	124.7	129.0	133.5	137.7	141.8	145.2	148.4	151.2	153.8
127.5°	109.5	114.7	119.5	124.1	129.0	132.6	136.3	139.9	142.9	145.8	148.3
130°	105.2	110.0	114.6	118.8	123.1	127.2	130.8	134.1	137.6	140.1	142.4
132.5°	100.2	104.9	109.4	113.6	117.4	121.4	124.9	128.1	131.1	133.9	136.1
135°	94.9	99.5	103.9	108.1	111.9	115.7	118.9	121.9	124.7	127.3	129.6
137.5°	89.9	94.3	98.2	102.0	105.9	109.3	112.5	115.4	118.5	120.6	122.8
140°	84.4	88.8	92.6	96.0	99.5	102.7	105.7	108.6	111.3	113.8	115.8
142.5°	78.6	82.5	86.2	89.7	93.1	96.2	99.1	101.8	104.3	106.6	108.1
145°	72.9	76.4	79.7	82.9	86.0	89.1	92.0	94.5	96.8	98.8	100.6
147.5°	66.8	70.0	73.1	76.1	78.9	81.7	84.4	86.8	88.8	90.6	92.5
150°	60.6	63.6	66.5	69.2	71.8	74.4	76.9	79.0	81.0	82.8	84.6
152.5°	54.4	57.2	59.7	62.2	64.6	67.1	69.7	71.3	73.1	74.8	76.3
155°	48.1	50.6	53.3	55.2	57.3	59.3	61.3	63.1	64.9	66.4	67.8
157.5°	41.9	44.1	46.2	48.2	50.1	51.8	53.5	55.0	56.4	57.8	59.1
160°	35.5	37.5	39.4	41.1	42.8	44.3	45.8	47.1	48.3	49.4	50.4
162.5°	29.3	31.1	32.5	34.0	35.5	36.8	38.1	39.2	40.3	41.3	42.2
165°	23.2	24.6	25.8	27.0	28.2	29.3	30.4	31.4	32.4	33.3	34.2
167.5°	17.5	18.4	19.3	20.4	21.3	22.3	23.1	23.8	24.5	25.2	25.9
170°	12.3	13.1	13.9	14.6	15.2	15.8	16.4	17.0	17.5	18.0	18.4
172.5°	8.2	8.6	8.9	9.1	9.4	9.9	10.3	10.8	11.2	11.6	11.9
175°	4.8	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.6
177.5°	2.5	2.6	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231886

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.1	3.1
5°	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9	7.0	6.9	6.8
7.5°	12.3	12.5	12.8	13.0	13.1	13.3	13.4	13.4	13.4	13.6	13.4
10°	18.8	19.2	19.6	20.0	20.3	20.5	20.7	20.9	21.0	21.3	21.1
12.5°	26.5	27.1	27.6	28.1	28.6	29.1	29.4	29.7	29.9	30.0	30.2
15°	35.0	35.6	36.2	36.6	37.0	37.4	37.8	38.1	38.3	38.4	38.6
17.5°	43.1	43.9	44.6	45.2	45.7	46.1	46.5	46.9	47.2	47.3	47.6
20°	51.2	52.1	53.1	53.9	54.5	54.9	55.1	55.4	55.8	56.0	56.4
22.5°	60.3	61.4	62.2	62.9	63.5	64.0	64.4	64.6	65.0	65.3	65.6
25°	69.0	70.1	70.9	71.6	72.5	73.2	73.6	73.9	74.1	74.4	74.6
27.5°	77.7	78.9	80.0	80.9	81.6	82.2	82.5	82.6	82.6	82.9	83.0
30°	85.9	87.2	88.3	89.3	90.1	90.7	91.2	91.5	91.6	91.7	91.9
32.5°	94.1	95.5	96.6	97.8	98.6	99.3	99.7	100.1	100.2	100.1	100.3
35°	102.3	103.8	105.0	106.1	107.0	107.6	107.9	108.3	108.5	108.6	109.2
37.5°	110.0	111.6	112.9	113.8	114.4	115.2	115.7	115.9	116.1	116.0	116.0
40°	117.5	119.2	120.4	121.3	122.3	123.0	123.3	123.5	123.8	123.8	123.7
42.5°	124.7	126.4	127.5	128.5	129.6	130.3	130.7	130.9	130.9	130.7	130.6
45°	131.6	133.2	135.0	135.7	136.5	137.4	137.6	137.7	137.6	137.7	137.6
47.5°	138.1	139.8	141.3	142.4	143.2	144.0	144.4	144.6	144.5	144.4	144.2
50°	144.2	146.0	147.8	149.3	149.9	150.4	151.1	151.3	151.0	150.8	150.9
52.5°	150.3	152.4	153.9	155.3	156.2	156.6	157.2	157.6	157.5	157.2	157.0
55°	156.1	157.9	159.5	161.1	162.1	162.7	163.0	163.5	163.6	163.2	163.3
57.5°	161.4	163.4	165.2	166.5	167.7	168.3	169.1	169.0	169.3	168.8	168.7
60°	166.5	168.7	170.1	171.4	172.6	173.5	174.4	174.5	174.4	174.0	173.6
62.5°	170.8	173.3	175.1	176.4	177.7	178.6	179.2	179.3	179.0	178.6	178.4
65°	175.0	177.5	179.5	181.3	182.3	182.9	183.4	183.6	183.5	183.1	182.8
67.5°	178.8	181.6	183.7	185.4	186.5	186.9	187.5	187.7	187.6	187.3	187.0
70°	182.3	185.1	187.2	188.9	190.0	190.7	191.5	191.5	191.0	190.8	190.3
72.5°	185.5	188.2	190.3	192.1	193.3	194.1	194.2	194.4	194.4	193.9	193.4
75°	188.5	190.8	192.9	194.7	195.9	196.9	197.3	197.8	197.4	196.9	196.5
77.5°	190.5	192.8	195.2	196.7	198.0	198.9	199.8	199.9	200.1	199.8	198.8
80°	192.2	194.5	196.6	198.2	200.0	201.2	201.7	202.1	202.1	201.5	201.1
82.5°	193.2	195.9	198.0	199.9	201.1	202.3	202.9	203.6	203.4	203.4	202.9
85°	194.3	196.7	198.6	200.3	201.7	202.8	203.9	204.1	204.2	204.3	204.3
87.5°	194.7	197.0	199.3	200.6	202.4	203.1	203.7	203.9	204.3	204.1	204.3
90°	194.7	197.1	198.9	200.7	202.5	203.1	203.7	203.7	203.7	203.7	203.1
92.5°	194.7	197.0	199.3	200.6	202.4	203.1	203.7	203.9	204.3	204.1	204.3
95°	194.3	196.7	198.6	200.3	201.7	202.8	203.9	204.1	204.2	204.3	204.3
97.5°	193.2	195.9	198.0	199.9	201.1	202.3	202.9	203.6	203.4	203.4	202.9
100°	192.2	194.5	196.6	198.2	200.0	201.2	201.7	202.1	202.1	201.5	201.1
102.5°	190.5	192.8	195.2	196.7	198.0	198.9	199.8	199.9	200.1	199.8	198.8
105°	188.5	190.8	192.9	194.7	195.9	196.9	197.3	197.8	197.4	196.9	196.5
107.5°	185.5	188.2	190.3	192.1	193.3	194.1	194.2	194.4	194.4	193.9	193.4
110°	182.3	185.1	187.2	188.9	190.0	190.7	191.5	191.5	191.0	190.8	190.3



TEST NUMBER: P231886

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	178.8	181.6	183.7	185.4	186.5	186.9	187.5	187.7	187.6	187.3	187.0
115°	175.0	177.5	179.5	181.3	182.3	182.9	183.4	183.6	183.5	183.1	182.8
117.5°	170.8	173.3	175.1	176.4	177.7	178.6	179.2	179.3	179.0	178.6	178.4
120°	166.5	168.7	170.1	171.4	172.6	173.5	174.4	174.5	174.4	174.0	173.6
122.5°	161.4	163.4	165.2	166.5	167.7	168.3	169.1	169.0	169.3	168.8	168.7
125°	156.1	157.9	159.5	161.1	162.1	162.7	163.0	163.5	163.6	163.2	163.3
127.5°	150.3	152.4	153.9	155.3	156.2	156.6	157.2	157.6	157.5	157.2	157.0
130°	144.2	146.0	147.8	149.3	149.9	150.4	151.1	151.3	151.0	150.8	150.9
132.5°	138.1	139.8	141.3	142.4	143.2	144.0	144.4	144.6	144.5	144.4	144.2
135°	131.6	133.2	135.0	135.7	136.5	137.4	137.6	137.7	137.6	137.7	137.6
137.5°	124.7	126.4	127.5	128.5	129.6	130.3	130.7	130.9	130.9	130.7	130.6
140°	117.5	119.2	120.4	121.3	122.3	123.0	123.3	123.5	123.8	123.8	123.7
142.5°	110.0	111.6	112.9	113.8	114.4	115.2	115.7	115.9	116.1	116.0	116.0
145°	102.3	103.8	105.0	106.1	107.0	107.6	107.9	108.3	108.5	108.6	109.2
147.5°	94.1	95.5	96.6	97.8	98.6	99.3	99.7	100.1	100.2	100.1	100.3
150°	85.9	87.2	88.3	89.3	90.1	90.7	91.2	91.5	91.6	91.7	91.9
152.5°	77.7	78.9	80.0	80.9	81.6	82.2	82.5	82.6	82.6	82.9	83.0
155°	69.0	70.1	70.9	71.6	72.5	73.2	73.6	73.9	74.1	74.4	74.6
157.5°	60.3	61.4	62.2	62.9	63.5	64.0	64.4	64.6	65.0	65.3	65.6
160°	51.2	52.1	53.1	53.9	54.5	54.9	55.1	55.4	55.8	56.0	56.4
162.5°	43.1	43.9	44.6	45.2	45.7	46.1	46.5	46.9	47.2	47.3	47.6
165°	35.0	35.6	36.2	36.6	37.0	37.4	37.8	38.1	38.3	38.4	38.6
167.5°	26.5	27.1	27.6	28.1	28.6	29.1	29.4	29.7	29.9	30.0	30.2
170°	18.8	19.2	19.6	20.0	20.3	20.5	20.7	20.9	21.0	21.3	21.1
172.5°	12.3	12.5	12.8	13.0	13.1	13.3	13.4	13.4	13.4	13.6	13.4
175°	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9	7.0	6.9	6.8
177.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.1	3.1
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: P231886

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	3.0	3.0
5°	6.7	6.6
7.5°	13.3	13.1
10°	21.0	20.8
12.5°	30.0	29.8
15°	38.3	38.1
17.5°	47.3	47.0
20°	56.2	56.0
22.5°	65.3	64.9
25°	74.7	74.4
27.5°	83.1	82.8
30°	92.0	91.7
32.5°	100.4	100.0
35°	110.0	110.2
37.5°	116.0	115.5
40°	123.8	123.3
42.5°	132.0	132.8
45°	137.6	137.0
47.5°	144.4	144.1
50°	151.8	152.5
52.5°	158.2	160.2
55°	163.5	162.6
57.5°	168.8	167.9
60°	173.8	173.3
62.5°	178.5	178.1
65°	182.6	182.2
67.5°	186.4	185.8
70°	190.0	189.4
72.5°	193.1	193.0
75°	196.2	195.9
77.5°	198.7	198.3
80°	200.9	200.1
82.5°	202.7	201.9
85°	203.7	203.1
87.5°	204.3	203.7
90°	203.1	203.7
92.5°	204.3	203.7
95°	203.7	203.1
97.5°	202.7	201.9
100°	200.9	200.1
102.5°	198.7	198.3
105°	196.2	195.9
107.5°	193.1	193.0
110°	190.0	189.4



TEST NUMBER: P231886

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	186.4	185.8
115°	182.6	182.2
117.5°	178.5	178.1
120°	173.8	173.3
122.5°	168.8	167.9
125°	163.5	162.6
127.5°	158.2	160.2
130°	151.8	152.5
132.5°	144.4	144.1
135°	137.6	137.0
137.5°	132.0	132.8
140°	123.8	123.3
142.5°	116.0	115.5
145°	110.0	110.2
147.5°	100.4	100.0
150°	92.0	91.7
152.5°	83.1	82.8
155°	74.7	74.4
157.5°	65.3	64.9
160°	56.2	56.0
162.5°	47.3	47.0
165°	38.3	38.1
167.5°	30.0	29.8
170°	21.0	20.8
172.5°	13.3	13.1
175°	6.7	6.6
177.5°	3.0	3.0
180°	0.0	0.0

(END OF REPORT)