

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: P231892

Luminaire Tested: **FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231892
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-LD4-30-1HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (42) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

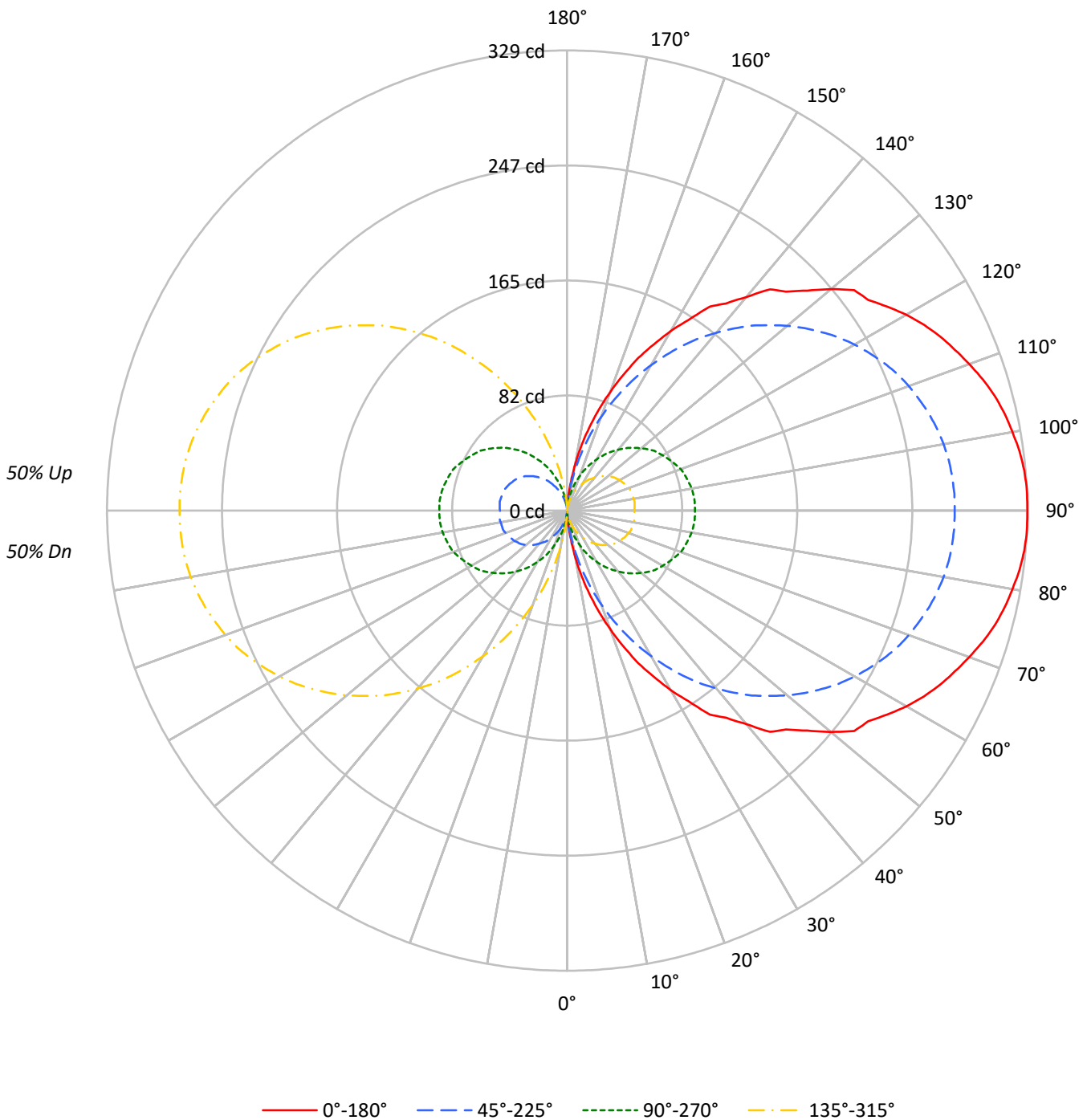
Lumens per Lamp: N/A
Luminaire Lumens: 1424.5 lumens
Efficiency: N/A
Efficacy: 64.2 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 22.2
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

TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

Luminous Intensity Polar Plot





TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

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°	278	113	0	113
10°	792	313	0	313
15°	1320	544	0	544
20°	1793	782	0	782
25°	2237	1063	0	1063
30°	2612	1337	0	1337
35°	3003	1641	0	1641
40°	3247	1954	0	1954
45°	3515	2313	0	2313
50°	3843	2704	0	2704
55°	4058	3177	0	3177
60°	4315	3686	0	3686
65°	4561	4343	0	4343
70°	4803	5238	0	5238
75°	5075	6367	0	6367
80°	5335	8101	0	8101
85°	5624	10969	0	10969



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.8	0.1
10°-20°	7.9	0.6
20°-30°	24.7	1.7
30°-40°	49.2	3.5
40°-50°	77.9	5.5
50°-60°	107.0	7.5
60°-70°	132.6	9.3
70°-80°	151.3	10.6
80°-90°	160.7	11.3
90°-100°	160.7	11.3
100°-110°	151.3	10.6
110°-120°	132.6	9.3
120°-130°	107.0	7.5
130°-140°	77.9	5.5
140°-150°	49.2	3.5
150°-160°	24.7	1.7
160°-170°	7.9	0.6
170°-180°	0.8	0.1
0°-30°	33.4	2.3
0°-40°	82.6	5.8
0°-60°	267.5	18.8
0°-90°	712.2	50.0
90°-120°	444.7	31.2
90°-150°	678.8	47.7
90°-180°	712.0	50.0
0°-180°	1424.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	11	4	0	4	11	2
15°	62	18	0	18	62	18
25°	120	35	0	35	120	56
35°	178	50	0	50	178	111
45°	221	64	0	64	221	173
55°	263	75	0	75	263	237
65°	294	83	0	83	294	292
75°	317	88	0	88	317	334
85°	328	91	0	91	328	267
90°	329	91	0	91	329	180
95°	328	91	0	91	328	267
105°	317	88	0	88	317	334
115°	294	83	0	83	294	292
125°	263	75	0	75	263	237
135°	221	64	0	64	221	173
145°	178	50	0	50	178	111
155°	120	35	0	35	120	56
165°	62	18	0	18	62	18
175°	11	4	0	4	11	2
180°	0	0	0	0	0	



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-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°	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.0	5.0	5.0	5.0
5°	10.6	10.8	10.9	11.1	11.3	11.1	11.2	11.2	11.2	11.1	11.0
7.5°	21.2	21.5	21.7	21.9	21.7	21.7	21.6	21.4	21.2	21.0	20.6
10°	33.7	34.0	34.2	34.5	34.0	33.8	33.6	33.2	32.8	32.3	31.7
12.5°	48.1	48.4	48.7	48.4	48.3	48.0	47.5	46.9	46.2	45.4	44.6
15°	61.6	62.0	62.4	62.1	61.9	61.6	61.1	60.4	59.8	59.2	58.4
17.5°	76.0	76.5	76.9	76.5	76.2	75.8	75.2	74.5	73.8	73.0	72.0
20°	90.4	90.8	91.1	90.5	90.1	89.5	89.0	88.7	88.0	87.1	85.8
22.5°	104.9	105.5	106.1	105.5	105.1	104.5	104.0	103.4	102.6	101.7	100.6
25°	120.3	120.7	120.6	120.3	119.7	119.4	119.0	118.3	117.2	115.7	114.5
27.5°	133.7	134.2	134.1	133.9	133.4	133.5	133.3	132.8	131.8	130.8	129.2
30°	148.2	148.7	148.6	148.2	147.9	147.8	147.3	146.5	145.6	144.3	142.7
32.5°	161.6	162.2	162.1	161.8	161.9	161.7	161.1	160.3	159.3	157.9	156.1
35°	178.0	177.7	176.4	175.3	175.3	175.0	174.4	173.8	173.0	171.5	169.7
37.5°	186.7	187.4	187.4	187.4	187.5	187.2	186.9	186.2	184.9	183.9	182.3
40°	199.2	200.0	199.9	200.0	200.0	199.6	199.3	198.7	197.5	196.0	194.5
42.5°	214.6	213.3	211.1	211.2	211.4	211.5	211.3	210.7	209.4	207.6	206.0
45°	221.3	222.2	222.2	222.5	222.3	222.5	222.3	222.0	220.4	219.2	218.1
47.5°	232.8	233.3	233.0	233.3	233.4	233.7	233.4	232.6	231.4	230.0	228.2
50°	246.3	245.2	243.7	243.6	244.0	244.5	244.0	243.0	242.2	241.1	238.8
52.5°	258.8	255.7	253.7	254.0	254.5	254.6	254.0	253.0	252.4	250.9	248.7
55°	262.7	264.1	263.8	263.6	264.3	264.1	263.2	262.9	261.9	260.3	257.7
57.5°	271.3	272.9	272.6	272.8	273.6	273.1	273.2	271.8	270.9	269.0	266.8
60°	280.0	280.9	280.5	281.1	281.9	282.0	281.7	280.3	278.9	277.0	274.8
62.5°	287.7	288.2	288.2	288.6	289.1	289.6	289.5	288.4	287.0	284.9	282.9
65°	294.4	295.1	295.3	295.9	296.6	296.6	296.4	295.6	294.6	292.9	290.0
67.5°	300.2	301.3	302.1	302.6	303.1	303.3	302.9	302.0	301.3	299.5	296.9
70°	306.0	306.9	307.4	308.2	308.6	309.3	309.3	308.0	306.9	305.1	302.5
72.5°	311.7	311.9	312.5	313.3	314.2	314.2	313.8	313.6	312.2	310.3	307.5
75°	316.6	317.0	317.5	318.1	318.9	319.5	318.8	318.2	316.6	314.7	311.7
77.5°	320.4	321.0	321.2	322.7	323.4	323.0	322.7	321.4	319.9	317.8	315.5
80°	323.3	324.5	325.0	325.5	326.4	326.5	325.8	325.1	323.1	320.2	317.6
82.5°	326.2	327.5	327.7	328.6	328.7	328.9	327.7	326.8	325.0	322.9	320.0
85°	328.1	329.1	330.0	330.0	329.9	329.7	329.4	327.6	325.8	323.6	320.9
87.5°	329.1	330.0	330.0	329.8	330.0	329.4	329.0	328.0	326.9	324.1	322.0
90°	329.1	328.1	328.1	329.1	329.1	329.1	329.1	328.1	327.1	324.2	321.4
92.5°	329.1	330.0	330.0	329.8	330.0	329.4	329.0	328.0	326.9	324.1	322.0
95°	328.1	329.1	330.0	330.0	329.9	329.7	329.4	327.6	325.8	323.6	320.9
97.5°	326.2	327.5	327.7	328.6	328.7	328.9	327.7	326.8	325.0	322.9	320.0
100°	323.3	324.5	325.0	325.5	326.4	326.5	325.8	325.1	323.1	320.2	317.6
102.5°	320.4	321.0	321.2	322.7	323.4	323.0	322.7	321.4	319.9	317.8	315.5
105°	316.6	317.0	317.5	318.1	318.9	319.5	318.8	318.2	316.6	314.7	311.7
107.5°	311.7	311.9	312.5	313.3	314.2	314.2	313.8	313.6	312.2	310.3	307.5
110°	306.0	306.9	307.4	308.2	308.6	309.3	309.3	308.0	306.9	305.1	302.5



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	300.2	301.3	302.1	302.6	303.1	303.3	302.9	302.0	301.3	299.5	296.9
115°	294.4	295.1	295.3	295.9	296.6	296.6	296.4	295.6	294.6	292.9	290.0
117.5°	287.7	288.2	288.2	288.6	289.1	289.6	289.5	288.4	287.0	284.9	282.9
120°	280.0	280.9	280.5	281.1	281.9	282.0	281.7	280.3	278.9	277.0	274.8
122.5°	271.3	272.9	272.6	272.8	273.6	273.1	273.2	271.8	270.9	269.0	266.8
125°	262.7	264.1	263.8	263.6	264.3	264.1	263.2	262.9	261.9	260.3	257.7
127.5°	258.8	255.7	253.7	254.0	254.5	254.6	254.0	253.0	252.4	250.9	248.7
130°	246.3	245.2	243.7	243.6	244.0	244.5	244.0	243.0	242.2	241.1	238.8
132.5°	232.8	233.3	233.0	233.3	233.4	233.7	233.4	232.6	231.4	230.0	228.2
135°	221.3	222.2	222.2	222.5	222.3	222.5	222.3	222.0	220.4	219.2	218.1
137.5°	214.6	213.3	211.1	211.2	211.4	211.5	211.3	210.7	209.4	207.6	206.0
140°	199.2	200.0	199.9	200.0	200.0	199.6	199.3	198.7	197.5	196.0	194.5
142.5°	186.7	187.4	187.4	187.4	187.5	187.2	186.9	186.2	184.9	183.9	182.3
145°	178.0	177.7	176.4	175.3	175.3	175.0	174.4	173.8	173.0	171.5	169.7
147.5°	161.6	162.2	162.1	161.8	161.9	161.7	161.1	160.3	159.3	157.9	156.1
150°	148.2	148.7	148.6	148.2	147.9	147.8	147.3	146.5	145.6	144.3	142.7
152.5°	133.7	134.2	134.1	133.9	133.4	133.5	133.3	132.8	131.8	130.8	129.2
155°	120.3	120.7	120.6	120.3	119.7	119.4	119.0	118.3	117.2	115.7	114.5
157.5°	104.9	105.5	106.1	105.5	105.1	104.5	104.0	103.4	102.6	101.7	100.6
160°	90.4	90.8	91.1	90.5	90.1	89.5	89.0	88.7	88.0	87.1	85.8
162.5°	76.0	76.5	76.9	76.5	76.2	75.8	75.2	74.5	73.8	73.0	72.0
165°	61.6	62.0	62.4	62.1	61.9	61.6	61.1	60.4	59.8	59.2	58.4
167.5°	48.1	48.4	48.7	48.4	48.3	48.0	47.5	46.9	46.2	45.4	44.6
170°	33.7	34.0	34.2	34.5	34.0	33.8	33.6	33.2	32.8	32.3	31.7
172.5°	21.2	21.5	21.7	21.9	21.7	21.7	21.6	21.4	21.2	21.0	20.6
175°	10.6	10.8	10.9	11.1	11.3	11.1	11.2	11.2	11.2	11.1	11.0
177.5°	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.0	5.0	5.0	5.0
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: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2
5°	11.0	10.8	10.7	10.5	10.3	10.1	9.8	9.5	9.2	8.9	8.5
7.5°	20.2	19.8	19.3	18.7	18.1	17.4	16.6	16.0	15.3	14.8	14.3
10°	31.1	30.3	29.8	29.1	28.3	27.4	26.5	25.5	24.6	23.5	22.4
12.5°	43.8	42.9	41.9	40.8	39.7	38.5	37.3	35.9	34.5	32.9	31.1
15°	57.5	56.5	55.3	53.9	52.4	50.8	49.1	47.4	45.5	43.6	41.7
17.5°	70.8	69.5	68.1	66.6	65.1	63.4	61.6	59.5	57.3	55.0	52.5
20°	84.2	82.7	81.4	79.8	78.1	76.1	74.0	71.6	69.1	66.5	63.6
22.5°	99.3	97.5	95.5	93.4	91.1	88.8	86.4	83.7	81.0	77.8	74.6
25°	113.2	111.6	109.6	107.2	104.7	102.0	99.0	95.8	92.6	89.2	86.1
27.5°	127.4	125.5	123.4	120.9	118.1	115.1	112.5	108.3	104.4	100.6	96.6
30°	140.8	138.8	136.7	133.8	130.8	127.7	124.2	120.1	115.9	111.8	107.4
32.5°	154.3	152.0	149.4	146.5	143.6	140.2	136.4	131.9	127.4	123.0	118.2
35°	167.6	165.3	162.4	159.5	156.4	152.7	148.7	143.9	138.9	134.0	128.9
37.5°	180.2	177.6	174.7	172.3	168.6	164.5	160.1	155.4	150.3	144.9	139.4
40°	192.6	189.8	187.1	183.9	179.9	175.5	170.8	166.0	160.7	155.1	149.6
42.5°	204.2	201.5	198.4	194.9	191.4	186.4	181.7	176.6	171.1	164.7	158.6
45°	215.2	212.7	209.4	205.6	201.5	197.0	192.0	187.0	180.9	174.6	167.8
47.5°	225.8	223.1	220.0	216.3	211.8	207.0	201.8	196.1	189.8	183.4	176.8
50°	235.9	233.0	230.1	226.3	222.2	216.7	211.4	205.5	198.8	191.9	185.2
52.5°	246.2	242.9	239.6	235.7	231.0	226.1	220.3	214.2	208.5	200.5	193.1
55°	255.1	252.3	248.5	244.3	239.7	234.6	229.1	222.4	215.7	208.4	201.3
57.5°	263.9	260.8	257.2	252.8	247.9	242.6	236.8	230.3	223.1	215.3	207.8
60°	272.6	269.0	265.0	261.1	255.7	249.9	243.8	237.3	230.0	222.3	214.3
62.5°	280.0	276.0	271.8	267.4	263.1	256.9	250.4	243.7	236.5	228.6	220.5
65°	286.7	282.7	278.7	273.5	268.9	263.3	256.8	249.9	242.6	234.5	226.1
67.5°	293.4	288.9	284.8	279.8	274.5	268.9	262.3	255.5	248.1	239.8	230.9
70°	299.0	294.6	290.9	285.4	279.8	273.8	267.1	260.0	252.9	244.6	235.4
72.5°	304.1	299.8	295.1	289.9	284.2	277.8	271.2	264.0	256.3	248.4	239.1
75°	308.2	304.5	299.4	293.9	288.2	281.6	274.9	267.8	260.4	251.9	242.5
77.5°	311.5	307.8	302.3	296.9	290.7	284.6	278.0	270.8	262.9	254.6	245.6
80°	314.3	310.5	305.4	299.7	293.8	287.3	280.4	273.3	265.1	257.0	247.8
82.5°	316.5	312.1	307.4	301.9	296.0	289.0	282.2	275.3	267.0	259.1	249.6
85°	317.8	313.9	309.0	303.3	297.5	290.3	283.6	276.3	267.8	260.0	251.1
87.5°	318.3	314.6	309.8	304.0	298.3	291.5	284.8	277.1	268.4	260.7	251.7
90°	318.5	314.6	309.8	304.0	298.3	291.5	284.8	277.1	268.4	260.7	251.1
92.5°	318.3	314.6	309.8	304.0	298.3	291.5	284.8	277.1	268.4	260.7	251.7
95°	317.8	313.9	309.0	303.3	297.5	290.3	283.6	276.3	267.8	260.0	251.1
97.5°	316.5	312.1	307.4	301.9	296.0	289.0	282.2	275.3	267.0	259.1	249.6
100°	314.3	310.5	305.4	299.7	293.8	287.3	280.4	273.3	265.1	257.0	247.8
102.5°	311.5	307.8	302.3	296.9	290.7	284.6	278.0	270.8	262.9	254.6	245.6
105°	308.2	304.5	299.4	293.9	288.2	281.6	274.9	267.8	260.4	251.9	242.5
107.5°	304.1	299.8	295.1	289.9	284.2	277.8	271.2	264.0	256.3	248.4	239.1
110°	299.0	294.6	290.9	285.4	279.8	273.8	267.1	260.0	252.9	244.6	235.4



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	293.4	288.9	284.8	279.8	274.5	268.9	262.3	255.5	248.1	239.8	230.9
115°	286.7	282.7	278.7	273.5	268.9	263.3	256.8	249.9	242.6	234.5	226.1
117.5°	280.0	276.0	271.8	267.4	263.1	256.9	250.4	243.7	236.5	228.6	220.5
120°	272.6	269.0	265.0	261.1	255.7	249.9	243.8	237.3	230.0	222.3	214.3
122.5°	263.9	260.8	257.2	252.8	247.9	242.6	236.8	230.3	223.1	215.3	207.8
125°	255.1	252.3	248.5	244.3	239.7	234.6	229.1	222.4	215.7	208.4	201.3
127.5°	246.2	242.9	239.6	235.7	231.0	226.1	220.3	214.2	208.5	200.5	193.1
130°	235.9	233.0	230.1	226.3	222.2	216.7	211.4	205.5	198.8	191.9	185.2
132.5°	225.8	223.1	220.0	216.3	211.8	207.0	201.8	196.1	189.8	183.4	176.8
135°	215.2	212.7	209.4	205.6	201.5	197.0	192.0	187.0	180.9	174.6	167.8
137.5°	204.2	201.5	198.4	194.9	191.4	186.4	181.7	176.6	171.1	164.7	158.6
140°	192.6	189.8	187.1	183.9	179.9	175.5	170.8	166.0	160.7	155.1	149.6
142.5°	180.2	177.6	174.7	172.3	168.6	164.5	160.1	155.4	150.3	144.9	139.4
145°	167.6	165.3	162.4	159.5	156.4	152.7	148.7	143.9	138.9	134.0	128.9
147.5°	154.3	152.0	149.4	146.5	143.6	140.2	136.4	131.9	127.4	123.0	118.2
150°	140.8	138.8	136.7	133.8	130.8	127.7	124.2	120.1	115.9	111.8	107.4
152.5°	127.4	125.5	123.4	120.9	118.1	115.1	112.5	108.3	104.4	100.6	96.6
155°	113.2	111.6	109.6	107.2	104.7	102.0	99.0	95.8	92.6	89.2	86.1
157.5°	99.3	97.5	95.5	93.4	91.1	88.8	86.4	83.7	81.0	77.8	74.6
160°	84.2	82.7	81.4	79.8	78.1	76.1	74.0	71.6	69.1	66.5	63.6
162.5°	70.8	69.5	68.1	66.6	65.1	63.4	61.6	59.5	57.3	55.0	52.5
165°	57.5	56.5	55.3	53.9	52.4	50.8	49.1	47.4	45.5	43.6	41.7
167.5°	43.8	42.9	41.9	40.8	39.7	38.5	37.3	35.9	34.5	32.9	31.1
170°	31.1	30.3	29.8	29.1	28.3	27.4	26.5	25.5	24.6	23.5	22.4
172.5°	20.2	19.8	19.3	18.7	18.1	17.4	16.6	16.0	15.3	14.8	14.3
175°	11.0	10.8	10.7	10.5	10.3	10.1	9.8	9.5	9.2	8.9	8.5
177.5°	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.6
5°	8.1	7.7	7.3	7.1	6.8	6.5	6.3	6.0	5.7	5.4	5.1
7.5°	13.8	13.3	12.8	12.2	11.6	10.9	10.2	9.9	9.5	9.2	8.8
10°	21.2	19.9	18.7	17.8	17.0	16.1	15.2	14.3	13.3	12.8	12.4
12.5°	29.7	28.3	26.8	25.2	23.6	22.2	21.1	20.0	18.7	17.4	16.7
15°	39.7	37.5	35.5	33.5	31.6	29.7	27.7	26.1	24.5	22.8	21.1
17.5°	50.2	47.3	44.7	42.0	39.4	37.2	35.0	32.6	30.6	28.6	26.6
20°	60.6	57.4	54.1	51.1	48.0	44.8	42.2	39.5	36.7	34.4	32.1
22.5°	71.2	67.6	63.9	59.9	56.4	52.8	49.2	46.1	42.9	39.9	37.3
25°	81.8	77.8	73.6	69.2	64.8	60.9	57.0	53.0	49.3	45.4	42.5
27.5°	92.3	87.9	83.3	78.6	74.1	69.3	64.7	60.0	55.5	51.2	47.4
30°	102.8	97.9	92.9	87.7	82.4	77.3	71.9	66.6	61.4	56.7	52.3
32.5°	113.2	107.9	102.4	96.8	90.9	85.1	79.2	73.3	67.4	62.2	57.5
35°	123.5	117.7	111.7	105.7	99.5	93.0	86.5	80.1	73.7	67.8	62.7
37.5°	133.3	127.0	120.5	114.2	108.4	101.0	93.8	86.5	79.8	73.4	67.9
40°	143.4	136.3	129.3	122.3	115.6	108.4	100.7	93.3	86.0	79.2	73.0
42.5°	152.4	145.2	137.9	130.4	123.1	115.8	107.5	99.4	91.6	84.2	77.4
45°	160.8	153.2	146.0	138.3	130.3	122.3	113.8	105.1	96.9	89.0	81.5
47.5°	169.6	161.8	153.9	146.1	137.6	128.9	119.9	110.8	102.0	93.6	85.5
50°	177.7	169.9	161.9	152.9	144.0	135.0	125.9	116.4	107.1	98.1	89.7
52.5°	185.3	177.0	168.8	160.0	150.5	140.7	131.5	121.8	112.0	102.6	93.8
55°	192.6	183.8	175.2	166.4	156.5	146.4	136.5	126.8	116.9	107.1	97.9
57.5°	199.5	190.5	181.5	171.9	162.1	151.9	141.6	131.5	121.4	110.9	101.4
60°	205.8	196.9	187.4	177.5	167.3	156.9	146.9	136.0	125.5	114.4	104.6
62.5°	211.5	202.7	193.3	183.1	172.6	161.3	151.4	139.9	128.9	117.7	107.3
65°	217.0	207.7	198.3	187.6	176.8	165.6	154.9	143.3	131.9	120.7	109.9
67.5°	221.8	211.9	202.7	191.7	180.6	169.6	158.2	146.5	135.0	124.0	113.2
70°	226.0	216.3	206.3	195.8	184.2	172.9	161.4	149.5	137.5	126.0	114.8
72.5°	229.5	219.8	210.1	199.2	187.6	175.9	164.1	152.2	140.0	128.2	116.6
75°	232.7	222.8	212.6	201.7	190.2	178.3	166.4	154.4	142.4	130.4	118.6
77.5°	235.5	225.4	214.9	203.8	192.4	180.5	168.2	156.4	144.2	131.7	119.6
80°	237.7	227.7	216.8	205.5	194.2	182.5	169.7	158.1	145.8	132.7	120.5
82.5°	239.3	229.5	218.3	206.9	195.6	184.0	171.2	159.3	146.5	133.6	121.7
85°	240.6	230.3	219.6	208.1	196.6	185.6	173.1	160.7	147.2	134.7	122.2
87.5°	241.5	231.3	220.3	208.8	197.6	185.7	172.7	160.2	147.7	134.7	122.2
90°	241.5	231.9	220.3	208.8	198.2	185.7	172.2	159.7	148.2	134.7	122.2
92.5°	241.5	231.3	220.3	208.8	197.6	185.7	172.7	160.2	147.7	134.7	122.2
95°	240.6	230.3	219.6	208.1	196.6	185.6	173.1	160.7	147.2	134.7	122.2
97.5°	239.3	229.5	218.3	206.9	195.6	184.0	171.2	159.3	146.5	133.6	121.7
100°	237.7	227.7	216.8	205.5	194.2	182.5	169.7	158.1	145.8	132.7	120.5
102.5°	235.5	225.4	214.9	203.8	192.4	180.5	168.2	156.4	144.2	131.7	119.6
105°	232.7	222.8	212.6	201.7	190.2	178.3	166.4	154.4	142.4	130.4	118.6
107.5°	229.5	219.8	210.1	199.2	187.6	175.9	164.1	152.2	140.0	128.2	116.6
110°	226.0	216.3	206.3	195.8	184.2	172.9	161.4	149.5	137.5	126.0	114.8



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	221.8	211.9	202.7	191.7	180.6	169.6	158.2	146.5	135.0	124.0	113.2
115°	217.0	207.7	198.3	187.6	176.8	165.6	154.9	143.3	131.9	120.7	109.9
117.5°	211.5	202.7	193.3	183.1	172.6	161.3	151.4	139.9	128.9	117.7	107.3
120°	205.8	196.9	187.4	177.5	167.3	156.9	146.9	136.0	125.5	114.4	104.6
122.5°	199.5	190.5	181.5	171.9	162.1	151.9	141.6	131.5	121.4	110.9	101.4
125°	192.6	183.8	175.2	166.4	156.5	146.4	136.5	126.8	116.9	107.1	97.9
127.5°	185.3	177.0	168.8	160.0	150.5	140.7	131.5	121.8	112.0	102.6	93.8
130°	177.7	169.9	161.9	152.9	144.0	135.0	125.9	116.4	107.1	98.1	89.7
132.5°	169.6	161.8	153.9	146.1	137.6	128.9	119.9	110.8	102.0	93.6	85.5
135°	160.8	153.2	146.0	138.3	130.3	122.3	113.8	105.1	96.9	89.0	81.5
137.5°	152.4	145.2	137.9	130.4	123.1	115.8	107.5	99.4	91.6	84.2	77.4
140°	143.4	136.3	129.3	122.3	115.6	108.4	100.7	93.3	86.0	79.2	73.0
142.5°	133.3	127.0	120.5	114.2	108.4	101.0	93.8	86.5	79.8	73.4	67.9
145°	123.5	117.7	111.7	105.7	99.5	93.0	86.5	80.1	73.7	67.8	62.7
147.5°	113.2	107.9	102.4	96.8	90.9	85.1	79.2	73.3	67.4	62.2	57.5
150°	102.8	97.9	92.9	87.7	82.4	77.3	71.9	66.6	61.4	56.7	52.3
152.5°	92.3	87.9	83.3	78.6	74.1	69.3	64.7	60.0	55.5	51.2	47.4
155°	81.8	77.8	73.6	69.2	64.8	60.9	57.0	53.0	49.3	45.4	42.5
157.5°	71.2	67.6	63.9	59.9	56.4	52.8	49.2	46.1	42.9	39.9	37.3
160°	60.6	57.4	54.1	51.1	48.0	44.8	42.2	39.5	36.7	34.4	32.1
162.5°	50.2	47.3	44.7	42.0	39.4	37.2	35.0	32.6	30.6	28.6	26.6
165°	39.7	37.5	35.5	33.5	31.6	29.7	27.7	26.1	24.5	22.8	21.1
167.5°	29.7	28.3	26.8	25.2	23.6	22.2	21.1	20.0	18.7	17.4	16.7
170°	21.2	19.9	18.7	17.8	17.0	16.1	15.2	14.3	13.3	12.8	12.4
172.5°	13.8	13.3	12.8	12.2	11.6	10.9	10.2	9.9	9.5	9.2	8.8
175°	8.1	7.7	7.3	7.1	6.8	6.5	6.3	6.0	5.7	5.4	5.1
177.5°	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0	2.8	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: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	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	2.3	2.1	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7
5°	4.8	4.5	4.1	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
7.5°	8.4	8.0	7.6	7.2	7.1	6.9	6.7	6.6	6.3	6.1	5.9
10°	12.0	11.6	11.1	10.6	10.4	10.2	10.0	9.7	9.4	9.2	8.8
12.5°	16.2	15.6	15.1	14.5	14.2	13.9	13.6	13.3	12.9	12.6	12.1
15°	20.4	19.7	19.0	18.3	18.0	17.7	17.3	17.0	16.5	16.1	15.6
17.5°	24.9	24.1	23.1	22.2	21.8	21.5	21.0	20.6	20.1	19.6	19.0
20°	29.7	28.5	27.3	26.0	25.6	25.2	24.8	24.2	23.7	23.1	22.7
22.5°	34.5	32.9	31.9	30.8	30.0	29.2	28.5	27.9	27.3	26.8	26.5
25°	39.9	37.7	36.2	34.6	34.2	33.7	33.1	32.4	31.6	30.9	30.2
27.5°	44.6	41.9	40.2	38.5	38.0	37.5	36.9	36.2	35.4	34.6	33.7
30°	49.2	46.1	44.2	42.3	41.8	41.3	40.6	39.8	39.0	38.1	37.2
32.5°	53.8	50.4	48.2	46.2	45.6	45.0	44.0	43.1	42.3	41.4	40.5
35°	58.4	54.7	52.2	50.0	49.4	48.7	47.3	46.3	45.5	44.5	43.5
37.5°	62.8	58.7	55.7	53.4	52.8	52.0	50.9	49.9	49.0	47.8	46.6
40°	67.4	62.6	59.2	56.8	56.1	55.4	54.5	53.6	52.5	51.0	49.7
42.5°	71.1	66.4	62.7	60.2	59.1	58.2	57.4	56.6	55.4	54.0	52.7
45°	75.0	70.0	66.2	63.5	62.1	61.1	60.2	59.4	58.3	57.0	55.4
47.5°	78.7	73.3	69.2	66.4	65.0	63.9	63.0	62.1	61.1	59.7	58.0
50°	82.5	76.6	72.2	69.3	67.8	66.7	65.8	64.9	63.9	62.2	60.4
52.5°	86.1	79.8	75.2	72.2	70.6	69.6	68.5	67.2	66.3	64.5	62.8
55°	89.7	83.1	78.2	75.0	73.4	72.4	71.0	69.6	68.5	66.7	65.3
57.5°	92.7	85.4	80.2	77.0	75.7	74.5	73.1	71.9	70.7	68.9	67.5
60°	95.6	87.6	82.2	78.9	78.0	76.4	75.2	74.2	72.9	71.0	69.3
62.5°	98.1	90.2	84.2	80.8	79.5	78.2	77.1	75.9	74.6	72.9	70.9
65°	100.4	92.8	86.2	82.7	81.0	80.0	79.0	77.5	76.1	74.6	72.7
67.5°	102.6	94.2	88.2	84.7	82.8	81.9	80.9	79.2	77.5	75.7	73.8
70°	104.9	96.3	90.2	86.6	84.8	82.9	81.9	80.9	79.1	77.2	75.2
72.5°	106.4	97.5	91.2	87.6	85.7	84.3	83.3	81.9	80.1	78.3	76.3
75°	107.7	98.6	92.4	88.5	86.7	85.6	84.7	82.9	81.0	79.1	77.2
77.5°	108.5	99.7	93.3	89.5	87.6	86.2	85.2	83.8	81.9	80.0	78.1
80°	109.3	101.0	94.3	90.4	88.5	86.7	85.6	84.7	82.8	80.8	78.9
82.5°	110.1	101.5	94.8	90.9	89.0	87.1	86.1	84.7	83.2	81.3	79.4
85°	110.6	102.0	95.3	91.4	89.5	87.6	86.6	84.7	83.7	81.8	79.9
87.5°	110.6	102.0	95.3	91.4	89.5	88.1	86.6	85.1	83.7	81.8	79.9
90°	110.6	102.0	95.3	91.4	89.5	88.5	86.6	85.6	83.7	81.8	79.9
92.5°	110.6	102.0	95.3	91.4	89.5	88.1	86.6	85.1	83.7	81.8	79.9
95°	110.6	102.0	95.3	91.4	89.5	87.6	86.6	84.7	83.7	81.8	79.9
97.5°	110.1	101.5	94.8	90.9	89.0	87.1	86.1	84.7	83.2	81.3	79.4
100°	109.3	101.0	94.3	90.4	88.5	86.7	85.6	84.7	82.8	80.8	78.9
102.5°	108.5	99.7	93.3	89.5	87.6	86.2	85.2	83.8	81.9	80.0	78.1
105°	107.7	98.6	92.4	88.5	86.7	85.6	84.7	82.9	81.0	79.1	77.2
107.5°	106.4	97.5	91.2	87.6	85.7	84.3	83.3	81.9	80.1	78.3	76.3
110°	104.9	96.3	90.2	86.6	84.8	82.9	81.9	80.9	79.1	77.2	75.2



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	102.6	94.2	88.2	84.7	82.8	81.9	80.9	79.2	77.5	75.7	73.8
115°	100.4	92.8	86.2	82.7	81.0	80.0	79.0	77.5	76.1	74.6	72.7
117.5°	98.1	90.2	84.2	80.8	79.5	78.2	77.1	75.9	74.6	72.9	70.9
120°	95.6	87.6	82.2	78.9	78.0	76.4	75.2	74.2	72.9	71.0	69.3
122.5°	92.7	85.4	80.2	77.0	75.7	74.5	73.1	71.9	70.7	68.9	67.5
125°	89.7	83.1	78.2	75.0	73.4	72.4	71.0	69.6	68.5	66.7	65.3
127.5°	86.1	79.8	75.2	72.2	70.6	69.6	68.5	67.2	66.3	64.5	62.8
130°	82.5	76.6	72.2	69.3	67.8	66.7	65.8	64.9	63.9	62.2	60.4
132.5°	78.7	73.3	69.2	66.4	65.0	63.9	63.0	62.1	61.1	59.7	58.0
135°	75.0	70.0	66.2	63.5	62.1	61.1	60.2	59.4	58.3	57.0	55.4
137.5°	71.1	66.4	62.7	60.2	59.1	58.2	57.4	56.6	55.4	54.0	52.7
140°	67.4	62.6	59.2	56.8	56.1	55.4	54.5	53.6	52.5	51.0	49.7
142.5°	62.8	58.7	55.7	53.4	52.8	52.0	50.9	49.9	49.0	47.8	46.6
145°	58.4	54.7	52.2	50.0	49.4	48.7	47.3	46.3	45.5	44.5	43.5
147.5°	53.8	50.4	48.2	46.2	45.6	45.0	44.0	43.1	42.3	41.4	40.5
150°	49.2	46.1	44.2	42.3	41.8	41.3	40.6	39.8	39.0	38.1	37.2
152.5°	44.6	41.9	40.2	38.5	38.0	37.5	36.9	36.2	35.4	34.6	33.7
155°	39.9	37.7	36.2	34.6	34.2	33.7	33.1	32.4	31.6	30.9	30.2
157.5°	34.5	32.9	31.9	30.8	30.0	29.2	28.5	27.9	27.3	26.8	26.5
160°	29.7	28.5	27.3	26.0	25.6	25.2	24.8	24.2	23.7	23.1	22.7
162.5°	24.9	24.1	23.1	22.2	21.8	21.5	21.0	20.6	20.1	19.6	19.0
165°	20.4	19.7	19.0	18.3	18.0	17.7	17.3	17.0	16.5	16.1	15.6
167.5°	16.2	15.6	15.1	14.5	14.2	13.9	13.6	13.3	12.9	12.6	12.1
170°	12.0	11.6	11.1	10.6	10.4	10.2	10.0	9.7	9.4	9.2	8.8
172.5°	8.4	8.0	7.6	7.2	7.1	6.9	6.7	6.6	6.3	6.1	5.9
175°	4.8	4.5	4.1	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
177.5°	2.5	2.3	2.1	1.9	1.9	1.9	1.8	1.8	1.8	1.7	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: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-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°	1.6	1.6	1.5	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.1
5°	3.0	2.9	2.8	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
7.5°	5.7	5.4	5.2	5.0	4.8	4.5	4.3	4.0	3.8	3.5	3.3
10°	8.5	8.2	7.9	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.3
12.5°	11.7	11.2	10.8	10.4	10.0	9.5	9.1	8.7	8.1	7.6	7.0
15°	15.1	14.5	13.9	13.4	12.8	12.3	11.7	11.0	10.3	9.5	8.8
17.5°	18.5	17.8	17.1	16.5	15.8	15.2	14.6	13.8	12.9	12.0	11.2
20°	22.2	21.6	20.9	20.1	19.3	18.3	17.3	16.3	15.2	14.1	13.2
22.5°	26.0	25.2	24.3	23.3	22.3	21.2	20.1	19.0	17.8	16.6	15.5
25°	29.4	28.4	27.4	26.4	25.3	24.2	22.9	21.7	20.4	19.1	17.9
27.5°	32.8	31.8	30.7	29.5	28.4	27.1	25.8	24.4	23.0	21.5	19.9
30°	36.2	35.1	34.0	32.6	31.3	30.0	28.7	27.2	25.7	24.1	22.4
32.5°	39.5	38.4	37.0	35.3	33.9	32.5	31.2	29.7	28.2	26.7	24.9
35°	42.5	41.3	39.9	38.2	36.7	35.2	33.8	32.2	30.6	28.9	27.1
37.5°	45.5	44.4	43.1	41.2	39.4	37.9	36.4	34.8	32.9	30.7	28.8
40°	48.6	47.3	45.7	43.8	42.2	40.7	39.1	37.2	34.9	32.7	30.8
42.5°	51.5	50.3	48.4	46.6	45.1	43.3	41.4	39.2	36.9	34.7	32.8
45°	54.1	52.6	50.7	49.3	47.6	45.5	43.3	41.1	38.8	36.7	34.9
47.5°	56.7	55.0	53.3	51.9	49.8	47.6	45.4	43.0	40.7	38.4	36.4
50°	58.8	57.3	55.7	53.9	51.9	49.8	47.5	45.0	42.6	40.4	38.4
52.5°	61.2	59.8	57.8	55.7	53.7	51.5	49.3	47.0	44.6	42.3	39.8
55°	63.6	61.8	59.7	57.7	55.5	53.3	51.1	48.7	46.0	43.6	41.2
57.5°	65.7	63.8	61.7	59.6	57.5	54.8	52.5	50.0	47.1	44.8	42.2
60°	67.3	65.3	63.3	61.3	58.9	56.1	53.9	51.6	48.7	46.0	43.5
62.5°	69.0	67.0	64.9	62.8	60.2	57.6	55.3	52.8	50.0	46.9	44.2
65°	70.7	68.6	66.1	64.0	61.5	59.1	56.4	53.8	51.2	48.0	45.3
67.5°	71.9	69.8	67.4	65.2	63.1	60.2	57.2	54.9	52.2	49.1	46.0
70°	73.2	71.0	68.8	66.6	63.8	61.0	58.4	56.0	53.1	49.9	46.8
72.5°	74.4	71.9	69.6	67.2	64.7	62.2	59.5	56.5	53.6	50.6	47.6
75°	75.2	72.6	70.4	67.8	65.2	62.7	60.0	57.1	54.0	51.1	47.9
77.5°	75.8	73.3	71.0	68.5	65.6	63.3	60.7	57.8	54.3	51.1	48.0
80°	76.2	74.1	71.4	69.2	66.4	63.7	60.9	58.0	54.4	51.2	48.3
82.5°	76.6	74.6	71.8	69.5	66.7	63.9	61.0	58.1	54.6	51.5	48.6
85°	77.0	75.0	72.2	69.4	66.5	63.7	60.8	57.9	54.8	51.9	48.4
87.5°	77.0	75.0	72.2	69.7	66.9	63.9	61.0	57.8	54.9	52.1	48.2
90°	77.0	75.0	72.2	70.2	67.4	64.5	61.6	57.7	54.8	52.0	48.1
92.5°	77.0	75.0	72.2	69.7	66.9	63.9	61.0	57.8	54.9	52.1	48.2
95°	77.0	75.0	72.2	69.4	66.5	63.7	60.8	57.9	54.8	51.9	48.4
97.5°	76.6	74.6	71.8	69.5	66.7	63.9	61.0	58.1	54.6	51.5	48.6
100°	76.2	74.1	71.4	69.2	66.4	63.7	60.9	58.0	54.4	51.2	48.3
102.5°	75.8	73.3	71.0	68.5	65.6	63.3	60.7	57.8	54.3	51.1	48.0
105°	75.2	72.6	70.4	67.8	65.2	62.7	60.0	57.1	54.0	51.1	47.9
107.5°	74.4	71.9	69.6	67.2	64.7	62.2	59.5	56.5	53.6	50.6	47.6
110°	73.2	71.0	68.8	66.6	63.8	61.0	58.4	56.0	53.1	49.9	46.8



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	71.9	69.8	67.4	65.2	63.1	60.2	57.2	54.9	52.2	49.1	46.0
115°	70.7	68.6	66.1	64.0	61.5	59.1	56.4	53.8	51.2	48.0	45.3
117.5°	69.0	67.0	64.9	62.8	60.2	57.6	55.3	52.8	50.0	46.9	44.2
120°	67.3	65.3	63.3	61.3	58.9	56.1	53.9	51.6	48.7	46.0	43.5
122.5°	65.7	63.8	61.7	59.6	57.5	54.8	52.5	50.0	47.1	44.8	42.2
125°	63.6	61.8	59.7	57.7	55.5	53.3	51.1	48.7	46.0	43.6	41.2
127.5°	61.2	59.8	57.8	55.7	53.7	51.5	49.3	47.0	44.6	42.3	39.8
130°	58.8	57.3	55.7	53.9	51.9	49.8	47.5	45.0	42.6	40.4	38.4
132.5°	56.7	55.0	53.3	51.9	49.8	47.6	45.4	43.0	40.7	38.4	36.4
135°	54.1	52.6	50.7	49.3	47.6	45.5	43.3	41.1	38.8	36.7	34.9
137.5°	51.5	50.3	48.4	46.6	45.1	43.3	41.4	39.2	36.9	34.7	32.8
140°	48.6	47.3	45.7	43.8	42.2	40.7	39.1	37.2	34.9	32.7	30.8
142.5°	45.5	44.4	43.1	41.2	39.4	37.9	36.4	34.8	32.9	30.7	28.8
145°	42.5	41.3	39.9	38.2	36.7	35.2	33.8	32.2	30.6	28.9	27.1
147.5°	39.5	38.4	37.0	35.3	33.9	32.5	31.2	29.7	28.2	26.7	24.9
150°	36.2	35.1	34.0	32.6	31.3	30.0	28.7	27.2	25.7	24.1	22.4
152.5°	32.8	31.8	30.7	29.5	28.4	27.1	25.8	24.4	23.0	21.5	19.9
155°	29.4	28.4	27.4	26.4	25.3	24.2	22.9	21.7	20.4	19.1	17.9
157.5°	26.0	25.2	24.3	23.3	22.3	21.2	20.1	19.0	17.8	16.6	15.5
160°	22.2	21.6	20.9	20.1	19.3	18.3	17.3	16.3	15.2	14.1	13.2
162.5°	18.5	17.8	17.1	16.5	15.8	15.2	14.6	13.8	12.9	12.0	11.2
165°	15.1	14.5	13.9	13.4	12.8	12.3	11.7	11.0	10.3	9.5	8.8
167.5°	11.7	11.2	10.8	10.4	10.0	9.5	9.1	8.7	8.1	7.6	7.0
170°	8.5	8.2	7.9	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.3
172.5°	5.7	5.4	5.2	5.0	4.8	4.5	4.3	4.0	3.8	3.5	3.3
175°	3.0	2.9	2.8	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
177.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.3	1.3	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: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	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	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.4
5°	2.0	1.9	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9
7.5°	2.9	2.8	2.7	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3
10°	5.0	4.6	4.2	3.8	3.3	2.9	2.7	2.5	2.2	2.0	1.8
12.5°	6.5	6.0	5.5	5.0	4.5	3.9	3.4	2.8	2.2	1.9	1.6
15°	8.1	7.5	6.9	6.3	5.6	5.0	4.3	3.6	2.9	2.2	1.8
17.5°	10.4	9.6	8.8	8.0	7.3	6.5	5.6	4.7	3.9	3.1	2.3
20°	12.2	11.3	10.4	9.5	8.4	7.2	6.3	5.5	4.7	3.9	3.1
22.5°	14.4	13.4	12.3	11.1	9.9	8.8	7.7	6.5	5.5	4.6	3.7
25°	16.6	15.2	13.8	12.5	11.4	10.1	8.8	7.3	6.0	5.0	4.0
27.5°	18.4	17.2	16.0	14.7	13.2	11.6	10.0	8.6	7.2	5.8	4.7
30°	20.9	19.6	18.0	16.3	14.6	12.8	10.9	9.5	8.2	6.8	5.3
32.5°	23.0	21.2	19.6	17.9	16.0	14.1	12.4	10.6	9.1	7.4	5.7
35°	25.4	23.1	21.1	19.3	17.5	15.6	13.8	11.8	9.8	8.1	6.4
37.5°	26.8	24.7	22.5	20.7	18.8	16.8	14.8	12.7	10.5	8.4	6.6
40°	28.9	26.8	24.5	22.3	20.2	18.1	15.9	13.6	11.4	9.0	7.0
42.5°	31.0	28.5	26.0	23.9	21.7	19.4	17.1	14.7	12.3	10.1	8.0
45°	32.4	29.9	27.7	25.5	22.9	20.5	17.9	15.0	12.9	10.8	8.4
47.5°	34.0	31.3	28.8	26.3	23.7	21.0	18.7	16.3	13.5	11.4	9.0
50°	35.7	32.9	30.1	27.7	25.0	22.4	19.8	16.9	14.0	11.8	9.6
52.5°	37.2	34.6	31.8	29.1	26.4	23.5	20.4	17.7	15.1	12.4	10.1
55°	38.1	35.6	32.9	29.7	27.0	24.4	21.5	18.8	15.9	13.1	10.1
57.5°	39.3	36.6	33.8	30.6	27.8	25.0	22.1	19.2	16.2	13.1	10.4
60°	40.4	37.7	34.8	31.5	28.7	25.8	22.8	19.7	16.7	13.4	10.5
62.5°	41.5	38.7	35.5	32.3	29.3	26.1	23.0	19.9	17.1	13.6	10.4
65°	42.3	39.1	35.9	32.7	29.4	26.8	23.6	20.2	16.8	13.5	10.4
67.5°	42.9	39.8	36.5	33.2	30.0	27.3	23.9	20.3	16.9	13.9	10.6
70°	43.5	40.4	37.2	33.8	30.4	27.1	24.0	20.6	16.9	13.4	10.4
72.5°	43.8	40.6	37.6	34.5	30.9	27.2	24.0	20.7	17.4	13.5	9.9
75°	44.1	41.1	38.0	34.8	30.9	27.5	24.3	20.9	17.2	13.6	9.8
77.5°	44.6	41.4	38.2	34.8	31.3	28.0	24.0	21.0	17.2	13.2	9.8
80°	44.8	41.5	38.1	34.7	31.3	27.4	23.9	20.4	16.8	13.2	9.6
82.5°	44.9	41.8	38.1	34.6	31.2	27.3	24.0	20.4	16.8	13.3	9.5
85°	45.1	41.7	37.9	34.4	31.2	27.5	23.7	19.9	16.2	12.5	9.3
87.5°	45.3	41.5	37.6	34.7	30.9	27.0	23.3	19.4	15.6	12.7	9.0
90°	45.2	41.4	37.5	34.6	30.8	26.9	23.1	19.2	15.4	12.5	8.7
92.5°	45.3	41.5	37.6	34.7	30.9	27.0	23.3	19.4	15.6	12.7	9.0
95°	45.1	41.7	37.9	34.4	31.2	27.5	23.7	19.9	16.2	12.5	9.3
97.5°	44.9	41.8	38.1	34.6	31.2	27.3	24.0	20.4	16.8	13.3	9.5
100°	44.8	41.5	38.1	34.7	31.3	27.4	23.9	20.4	16.8	13.2	9.6
102.5°	44.6	41.4	38.2	34.8	31.3	28.0	24.0	21.0	17.2	13.2	9.8
105°	44.1	41.1	38.0	34.8	30.9	27.5	24.3	20.9	17.2	13.6	9.8
107.5°	43.8	40.6	37.6	34.5	30.9	27.2	24.0	20.7	17.4	13.5	9.9
110°	43.5	40.4	37.2	33.8	30.4	27.1	24.0	20.6	16.9	13.4	10.4



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	42.9	39.8	36.5	33.2	30.0	27.3	23.9	20.3	16.9	13.9	10.6
115°	42.3	39.1	35.9	32.7	29.4	26.8	23.6	20.2	16.8	13.5	10.4
117.5°	41.5	38.7	35.5	32.3	29.3	26.1	23.0	19.9	17.1	13.6	10.4
120°	40.4	37.7	34.8	31.5	28.7	25.8	22.8	19.7	16.7	13.4	10.5
122.5°	39.3	36.6	33.8	30.6	27.8	25.0	22.1	19.2	16.2	13.1	10.4
125°	38.1	35.6	32.9	29.7	27.0	24.4	21.5	18.8	15.9	13.1	10.1
127.5°	37.2	34.6	31.8	29.1	26.4	23.5	20.4	17.7	15.1	12.4	10.1
130°	35.7	32.9	30.1	27.7	25.0	22.4	19.8	16.9	14.0	11.8	9.6
132.5°	34.0	31.3	28.8	26.3	23.7	21.0	18.7	16.3	13.5	11.4	9.0
135°	32.4	29.9	27.7	25.5	22.9	20.5	17.9	15.0	12.9	10.8	8.4
137.5°	31.0	28.5	26.0	23.9	21.7	19.4	17.1	14.7	12.3	10.1	8.0
140°	28.9	26.8	24.5	22.3	20.2	18.1	15.9	13.6	11.4	9.0	7.0
142.5°	26.8	24.7	22.5	20.7	18.8	16.8	14.8	12.7	10.5	8.4	6.6
145°	25.4	23.1	21.1	19.3	17.5	15.6	13.8	11.8	9.8	8.1	6.4
147.5°	23.0	21.2	19.6	17.9	16.0	14.1	12.4	10.6	9.1	7.4	5.7
150°	20.9	19.6	18.0	16.3	14.6	12.8	10.9	9.5	8.2	6.8	5.3
152.5°	18.4	17.2	16.0	14.7	13.2	11.6	10.0	8.6	7.2	5.8	4.7
155°	16.6	15.2	13.8	12.5	11.4	10.1	8.8	7.3	6.0	5.0	4.0
157.5°	14.4	13.4	12.3	11.1	9.9	8.8	7.7	6.5	5.5	4.6	3.7
160°	12.2	11.3	10.4	9.5	8.4	7.2	6.3	5.5	4.7	3.9	3.1
162.5°	10.4	9.6	8.8	8.0	7.3	6.5	5.6	4.7	3.9	3.1	2.3
165°	8.1	7.5	6.9	6.3	5.6	5.0	4.3	3.6	2.9	2.2	1.8
167.5°	6.5	6.0	5.5	5.0	4.5	3.9	3.4	2.8	2.2	1.9	1.6
170°	5.0	4.6	4.2	3.8	3.3	2.9	2.7	2.5	2.2	2.0	1.8
172.5°	2.9	2.8	2.7	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3
175°	2.0	1.9	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9
177.5°	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.3
5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
7.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
10°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
12.5°	1.4	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
15°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
17.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
20°	2.3	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
22.5°	2.8	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
25°	3.0	1.9	1.1	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.1
27.5°	3.6	2.4	1.2	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.2
30°	4.0	2.7	1.6	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.6
32.5°	4.3	3.2	2.0	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.0
35°	4.6	3.3	2.2	1.1	0.7	0.3	0.0	0.3	0.7	1.1	2.2
37.5°	4.9	3.5	2.5	1.4	0.8	0.4	0.0	0.4	0.8	1.4	2.5
40°	5.4	3.6	2.4	1.5	0.8	0.4	0.0	0.4	0.8	1.5	2.4
42.5°	5.9	3.9	2.5	1.7	0.9	0.5	0.0	0.5	0.9	1.7	2.5
45°	6.1	4.4	2.8	1.9	1.0	0.5	0.0	0.5	1.0	1.9	2.8
47.5°	6.5	4.7	2.8	1.7	1.1	0.5	0.0	0.5	1.1	1.7	2.8
50°	7.3	5.1	3.0	1.5	0.4	0.0	0.0	0.0	0.4	1.5	3.0
52.5°	7.6	5.0	3.0	1.1	0.3	0.0	0.0	0.0	0.3	1.1	3.0
55°	7.1	4.8	2.8	1.2	0.4	0.0	0.0	0.0	0.4	1.2	2.8
57.5°	7.6	5.0	3.0	1.6	0.6	0.0	0.0	0.0	0.6	1.6	3.0
60°	7.8	5.1	3.2	1.7	0.7	0.0	0.0	0.0	0.7	1.7	3.2
62.5°	7.8	4.8	2.9	1.3	0.9	0.0	0.0	0.0	0.9	1.3	2.9
65°	7.4	5.0	2.8	1.2	1.0	0.1	0.0	0.1	1.0	1.2	2.8
67.5°	7.5	5.1	2.8	1.4	0.5	0.0	0.0	0.0	0.5	1.4	2.8
70°	7.7	4.8	2.9	1.4	0.7	0.0	0.0	0.0	0.7	1.4	2.9
72.5°	7.0	4.8	2.7	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.7
75°	6.8	4.2	2.2	1.1	0.2	0.0	0.0	0.0	0.2	1.1	2.2
77.5°	6.8	3.8	1.9	0.8	0.2	0.0	0.0	0.0	0.2	0.8	1.9
80°	6.4	3.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	5.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	5.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	6.4	3.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	6.8	3.8	1.9	0.8	0.2	0.0	0.0	0.0	0.2	0.8	1.9
105°	6.8	4.2	2.2	1.1	0.2	0.0	0.0	0.0	0.2	1.1	2.2
107.5°	7.0	4.8	2.7	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.7
110°	7.7	4.8	2.9	1.4	0.7	0.0	0.0	0.0	0.7	1.4	2.9



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.5	5.1	2.8	1.4	0.5	0.0	0.0	0.0	0.5	1.4	2.8
115°	7.4	5.0	2.8	1.2	1.0	0.1	0.0	0.1	1.0	1.2	2.8
117.5°	7.8	4.8	2.9	1.3	0.9	0.0	0.0	0.0	0.9	1.3	2.9
120°	7.8	5.1	3.2	1.7	0.7	0.0	0.0	0.0	0.7	1.7	3.2
122.5°	7.6	5.0	3.0	1.6	0.6	0.0	0.0	0.0	0.6	1.6	3.0
125°	7.1	4.8	2.8	1.2	0.4	0.0	0.0	0.0	0.4	1.2	2.8
127.5°	7.6	5.0	3.0	1.1	0.3	0.0	0.0	0.0	0.3	1.1	3.0
130°	7.3	5.1	3.0	1.5	0.4	0.0	0.0	0.0	0.4	1.5	3.0
132.5°	6.5	4.7	2.8	1.7	1.1	0.5	0.0	0.5	1.1	1.7	2.8
135°	6.1	4.4	2.8	1.9	1.0	0.5	0.0	0.5	1.0	1.9	2.8
137.5°	5.9	3.9	2.5	1.7	0.9	0.5	0.0	0.5	0.9	1.7	2.5
140°	5.4	3.6	2.4	1.5	0.8	0.4	0.0	0.4	0.8	1.5	2.4
142.5°	4.9	3.5	2.5	1.4	0.8	0.4	0.0	0.4	0.8	1.4	2.5
145°	4.6	3.3	2.2	1.1	0.7	0.3	0.0	0.3	0.7	1.1	2.2
147.5°	4.3	3.2	2.0	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.0
150°	4.0	2.7	1.6	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.6
152.5°	3.6	2.4	1.2	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.2
155°	3.0	1.9	1.1	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.1
157.5°	2.8	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
160°	2.3	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
162.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
165°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
167.5°	1.4	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
170°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
172.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
175°	0.8	0.6	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
177.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	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: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9	0.9
5°	0.6	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8
7.5°	0.9	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7
10°	1.3	1.5	1.8	2.0	2.2	2.5	2.7	2.9	3.3	3.8	4.2
12.5°	1.1	1.4	1.6	1.9	2.2	2.8	3.4	3.9	4.5	5.0	5.5
15°	1.3	1.5	1.8	2.2	2.9	3.6	4.3	5.0	5.6	6.3	6.9
17.5°	1.5	1.8	2.3	3.1	3.9	4.7	5.6	6.5	7.3	8.0	8.8
20°	1.7	2.3	3.1	3.9	4.7	5.5	6.3	7.2	8.4	9.5	10.4
22.5°	2.0	2.8	3.7	4.6	5.5	6.5	7.7	8.8	9.9	11.1	12.3
25°	1.9	3.0	4.0	5.0	6.0	7.3	8.8	10.1	11.4	12.5	13.8
27.5°	2.4	3.6	4.7	5.8	7.2	8.6	10.0	11.6	13.2	14.7	16.0
30°	2.7	4.0	5.3	6.8	8.2	9.5	10.9	12.8	14.6	16.3	18.0
32.5°	3.2	4.3	5.7	7.4	9.1	10.6	12.4	14.1	16.0	17.9	19.6
35°	3.3	4.6	6.4	8.1	9.8	11.8	13.8	15.6	17.5	19.3	21.1
37.5°	3.5	4.9	6.6	8.4	10.5	12.7	14.8	16.8	18.8	20.7	22.5
40°	3.6	5.4	7.0	9.0	11.4	13.6	15.9	18.1	20.2	22.3	24.5
42.5°	3.9	5.9	8.0	10.1	12.3	14.7	17.1	19.4	21.7	23.9	26.0
45°	4.4	6.1	8.4	10.8	12.9	15.0	17.9	20.5	22.9	25.5	27.7
47.5°	4.7	6.5	9.0	11.4	13.5	16.3	18.7	21.0	23.7	26.3	28.8
50°	5.1	7.3	9.6	11.8	14.0	16.9	19.8	22.4	25.0	27.7	30.1
52.5°	5.0	7.6	10.1	12.4	15.1	17.7	20.4	23.5	26.4	29.1	31.8
55°	4.8	7.1	10.1	13.1	15.9	18.8	21.5	24.4	27.0	29.7	32.9
57.5°	5.0	7.6	10.4	13.1	16.2	19.2	22.1	25.0	27.8	30.6	33.8
60°	5.1	7.8	10.5	13.4	16.7	19.7	22.8	25.8	28.7	31.5	34.8
62.5°	4.8	7.8	10.4	13.6	17.1	19.9	23.0	26.1	29.3	32.3	35.5
65°	5.0	7.4	10.4	13.5	16.8	20.2	23.6	26.8	29.4	32.7	35.9
67.5°	5.1	7.5	10.6	13.9	16.9	20.3	23.9	27.3	30.0	33.2	36.5
70°	4.8	7.7	10.4	13.4	16.9	20.6	24.0	27.1	30.4	33.8	37.2
72.5°	4.8	7.0	9.9	13.5	17.4	20.7	24.0	27.2	30.9	34.5	37.6
75°	4.2	6.8	9.8	13.6	17.2	20.9	24.3	27.5	30.9	34.8	38.0
77.5°	3.8	6.8	9.8	13.2	17.2	21.0	24.0	28.0	31.3	34.8	38.2
80°	3.7	6.4	9.6	13.2	16.8	20.4	23.9	27.4	31.3	34.7	38.1
82.5°	2.9	5.6	9.5	13.3	16.8	20.4	24.0	27.3	31.2	34.6	38.1
85°	1.5	5.8	9.3	12.5	16.2	19.9	23.7	27.5	31.2	34.4	37.9
87.5°	0.5	5.1	9.0	12.7	15.6	19.4	23.3	27.0	30.9	34.7	37.6
90°	0.0	4.8	8.7	12.5	15.4	19.2	23.1	26.9	30.8	34.6	37.5
92.5°	0.5	5.1	9.0	12.7	15.6	19.4	23.3	27.0	30.9	34.7	37.6
95°	1.5	5.8	9.3	12.5	16.2	19.9	23.7	27.5	31.2	34.4	37.9
97.5°	2.9	5.6	9.5	13.3	16.8	20.4	24.0	27.3	31.2	34.6	38.1
100°	3.7	6.4	9.6	13.2	16.8	20.4	23.9	27.4	31.3	34.7	38.1
102.5°	3.8	6.8	9.8	13.2	17.2	21.0	24.0	28.0	31.3	34.8	38.2
105°	4.2	6.8	9.8	13.6	17.2	20.9	24.3	27.5	30.9	34.8	38.0
107.5°	4.8	7.0	9.9	13.5	17.4	20.7	24.0	27.2	30.9	34.5	37.6
110°	4.8	7.7	10.4	13.4	16.9	20.6	24.0	27.1	30.4	33.8	37.2



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	5.1	7.5	10.6	13.9	16.9	20.3	23.9	27.3	30.0	33.2	36.5
115°	5.0	7.4	10.4	13.5	16.8	20.2	23.6	26.8	29.4	32.7	35.9
117.5°	4.8	7.8	10.4	13.6	17.1	19.9	23.0	26.1	29.3	32.3	35.5
120°	5.1	7.8	10.5	13.4	16.7	19.7	22.8	25.8	28.7	31.5	34.8
122.5°	5.0	7.6	10.4	13.1	16.2	19.2	22.1	25.0	27.8	30.6	33.8
125°	4.8	7.1	10.1	13.1	15.9	18.8	21.5	24.4	27.0	29.7	32.9
127.5°	5.0	7.6	10.1	12.4	15.1	17.7	20.4	23.5	26.4	29.1	31.8
130°	5.1	7.3	9.6	11.8	14.0	16.9	19.8	22.4	25.0	27.7	30.1
132.5°	4.7	6.5	9.0	11.4	13.5	16.3	18.7	21.0	23.7	26.3	28.8
135°	4.4	6.1	8.4	10.8	12.9	15.0	17.9	20.5	22.9	25.5	27.7
137.5°	3.9	5.9	8.0	10.1	12.3	14.7	17.1	19.4	21.7	23.9	26.0
140°	3.6	5.4	7.0	9.0	11.4	13.6	15.9	18.1	20.2	22.3	24.5
142.5°	3.5	4.9	6.6	8.4	10.5	12.7	14.8	16.8	18.8	20.7	22.5
145°	3.3	4.6	6.4	8.1	9.8	11.8	13.8	15.6	17.5	19.3	21.1
147.5°	3.2	4.3	5.7	7.4	9.1	10.6	12.4	14.1	16.0	17.9	19.6
150°	2.7	4.0	5.3	6.8	8.2	9.5	10.9	12.8	14.6	16.3	18.0
152.5°	2.4	3.6	4.7	5.8	7.2	8.6	10.0	11.6	13.2	14.7	16.0
155°	1.9	3.0	4.0	5.0	6.0	7.3	8.8	10.1	11.4	12.5	13.8
157.5°	2.0	2.8	3.7	4.6	5.5	6.5	7.7	8.8	9.9	11.1	12.3
160°	1.7	2.3	3.1	3.9	4.7	5.5	6.3	7.2	8.4	9.5	10.4
162.5°	1.5	1.8	2.3	3.1	3.9	4.7	5.6	6.5	7.3	8.0	8.8
165°	1.3	1.5	1.8	2.2	2.9	3.6	4.3	5.0	5.6	6.3	6.9
167.5°	1.1	1.4	1.6	1.9	2.2	2.8	3.4	3.9	4.5	5.0	5.5
170°	1.3	1.5	1.8	2.0	2.2	2.5	2.7	2.9	3.3	3.8	4.2
172.5°	0.9	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7
175°	0.6	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8
177.5°	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9	0.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.5
5°	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.8
7.5°	2.8	2.9	3.3	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.2
10°	4.6	5.0	5.3	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.9
12.5°	6.0	6.5	7.0	7.6	8.1	8.7	9.1	9.5	10.0	10.4	10.8
15°	7.5	8.1	8.8	9.5	10.3	11.0	11.7	12.3	12.8	13.4	13.9
17.5°	9.6	10.4	11.2	12.0	12.9	13.8	14.6	15.2	15.8	16.5	17.1
20°	11.3	12.2	13.2	14.1	15.2	16.3	17.3	18.3	19.3	20.1	20.9
22.5°	13.4	14.4	15.5	16.6	17.8	19.0	20.1	21.2	22.3	23.3	24.3
25°	15.2	16.6	17.9	19.1	20.4	21.7	22.9	24.2	25.3	26.4	27.4
27.5°	17.2	18.4	19.9	21.5	23.0	24.4	25.8	27.1	28.4	29.5	30.7
30°	19.6	20.9	22.4	24.1	25.7	27.2	28.7	30.0	31.3	32.6	34.0
32.5°	21.2	23.0	24.9	26.7	28.2	29.7	31.2	32.5	33.9	35.3	37.0
35°	23.1	25.4	27.1	28.9	30.6	32.2	33.8	35.2	36.7	38.2	39.9
37.5°	24.7	26.8	28.8	30.7	32.9	34.8	36.4	37.9	39.4	41.2	43.1
40°	26.8	28.9	30.8	32.7	34.9	37.2	39.1	40.7	42.2	43.8	45.7
42.5°	28.5	31.0	32.8	34.7	36.9	39.2	41.4	43.3	45.1	46.6	48.4
45°	29.9	32.4	34.9	36.7	38.8	41.1	43.3	45.5	47.6	49.3	50.7
47.5°	31.3	34.0	36.4	38.4	40.7	43.0	45.4	47.6	49.8	51.9	53.3
50°	32.9	35.7	38.4	40.4	42.6	45.0	47.5	49.8	51.9	53.9	55.7
52.5°	34.6	37.2	39.8	42.3	44.6	47.0	49.3	51.5	53.7	55.7	57.8
55°	35.6	38.1	41.2	43.6	46.0	48.7	51.1	53.3	55.5	57.7	59.7
57.5°	36.6	39.3	42.2	44.8	47.1	50.0	52.5	54.8	57.5	59.6	61.7
60°	37.7	40.4	43.5	46.0	48.7	51.6	53.9	56.1	58.9	61.3	63.3
62.5°	38.7	41.5	44.2	46.9	50.0	52.8	55.3	57.6	60.2	62.8	64.9
65°	39.1	42.3	45.3	48.0	51.2	53.8	56.4	59.1	61.5	64.0	66.1
67.5°	39.8	42.9	46.0	49.1	52.2	54.9	57.2	60.2	63.1	65.2	67.4
70°	40.4	43.5	46.8	49.9	53.1	56.0	58.4	61.0	63.8	66.6	68.8
72.5°	40.6	43.8	47.6	50.6	53.6	56.5	59.5	62.2	64.7	67.2	69.6
75°	41.1	44.1	47.9	51.1	54.0	57.1	60.0	62.7	65.2	67.8	70.4
77.5°	41.4	44.6	48.0	51.1	54.3	57.8	60.7	63.3	65.6	68.5	71.0
80°	41.5	44.8	48.3	51.2	54.4	58.0	60.9	63.7	66.4	69.2	71.4
82.5°	41.8	44.9	48.6	51.5	54.6	58.1	61.0	63.9	66.7	69.5	71.8
85°	41.7	45.1	48.4	51.9	54.8	57.9	60.8	63.7	66.5	69.4	72.2
87.5°	41.5	45.3	48.2	52.1	54.9	57.8	61.0	63.9	66.9	69.7	72.2
90°	41.4	45.2	48.1	52.0	54.8	57.7	61.6	64.5	67.4	70.2	72.2
92.5°	41.5	45.3	48.2	52.1	54.9	57.8	61.0	63.9	66.9	69.7	72.2
95°	41.7	45.1	48.4	51.9	54.8	57.9	60.8	63.7	66.5	69.4	72.2
97.5°	41.8	44.9	48.6	51.5	54.6	58.1	61.0	63.9	66.7	69.5	71.8
100°	41.5	44.8	48.3	51.2	54.4	58.0	60.9	63.7	66.4	69.2	71.4
102.5°	41.4	44.6	48.0	51.1	54.3	57.8	60.7	63.3	65.6	68.5	71.0
105°	41.1	44.1	47.9	51.1	54.0	57.1	60.0	62.7	65.2	67.8	70.4
107.5°	40.6	43.8	47.6	50.6	53.6	56.5	59.5	62.2	64.7	67.2	69.6
110°	40.4	43.5	46.8	49.9	53.1	56.0	58.4	61.0	63.8	66.6	68.8



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	39.8	42.9	46.0	49.1	52.2	54.9	57.2	60.2	63.1	65.2	67.4
115°	39.1	42.3	45.3	48.0	51.2	53.8	56.4	59.1	61.5	64.0	66.1
117.5°	38.7	41.5	44.2	46.9	50.0	52.8	55.3	57.6	60.2	62.8	64.9
120°	37.7	40.4	43.5	46.0	48.7	51.6	53.9	56.1	58.9	61.3	63.3
122.5°	36.6	39.3	42.2	44.8	47.1	50.0	52.5	54.8	57.5	59.6	61.7
125°	35.6	38.1	41.2	43.6	46.0	48.7	51.1	53.3	55.5	57.7	59.7
127.5°	34.6	37.2	39.8	42.3	44.6	47.0	49.3	51.5	53.7	55.7	57.8
130°	32.9	35.7	38.4	40.4	42.6	45.0	47.5	49.8	51.9	53.9	55.7
132.5°	31.3	34.0	36.4	38.4	40.7	43.0	45.4	47.6	49.8	51.9	53.3
135°	29.9	32.4	34.9	36.7	38.8	41.1	43.3	45.5	47.6	49.3	50.7
137.5°	28.5	31.0	32.8	34.7	36.9	39.2	41.4	43.3	45.1	46.6	48.4
140°	26.8	28.9	30.8	32.7	34.9	37.2	39.1	40.7	42.2	43.8	45.7
142.5°	24.7	26.8	28.8	30.7	32.9	34.8	36.4	37.9	39.4	41.2	43.1
145°	23.1	25.4	27.1	28.9	30.6	32.2	33.8	35.2	36.7	38.2	39.9
147.5°	21.2	23.0	24.9	26.7	28.2	29.7	31.2	32.5	33.9	35.3	37.0
150°	19.6	20.9	22.4	24.1	25.7	27.2	28.7	30.0	31.3	32.6	34.0
152.5°	17.2	18.4	19.9	21.5	23.0	24.4	25.8	27.1	28.4	29.5	30.7
155°	15.2	16.6	17.9	19.1	20.4	21.7	22.9	24.2	25.3	26.4	27.4
157.5°	13.4	14.4	15.5	16.6	17.8	19.0	20.1	21.2	22.3	23.3	24.3
160°	11.3	12.2	13.2	14.1	15.2	16.3	17.3	18.3	19.3	20.1	20.9
162.5°	9.6	10.4	11.2	12.0	12.9	13.8	14.6	15.2	15.8	16.5	17.1
165°	7.5	8.1	8.8	9.5	10.3	11.0	11.7	12.3	12.8	13.4	13.9
167.5°	6.0	6.5	7.0	7.6	8.1	8.7	9.1	9.5	10.0	10.4	10.8
170°	4.6	5.0	5.3	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.9
172.5°	2.8	2.9	3.3	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.2
175°	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.8
177.5°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.1
5°	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	4.1
7.5°	5.4	5.7	5.9	6.1	6.3	6.6	6.7	6.9	7.1	7.2	7.6
10°	8.2	8.5	8.8	9.2	9.4	9.7	10.0	10.2	10.4	10.6	11.1
12.5°	11.2	11.7	12.1	12.6	12.9	13.3	13.6	13.9	14.2	14.5	15.1
15°	14.5	15.1	15.6	16.1	16.5	17.0	17.3	17.7	18.0	18.3	19.0
17.5°	17.8	18.5	19.0	19.6	20.1	20.6	21.0	21.5	21.8	22.2	23.1
20°	21.6	22.2	22.7	23.1	23.7	24.2	24.8	25.2	25.6	26.0	27.3
22.5°	25.2	26.0	26.5	26.8	27.3	27.9	28.5	29.2	30.0	30.8	31.9
25°	28.4	29.4	30.2	30.9	31.6	32.4	33.1	33.7	34.2	34.6	36.2
27.5°	31.8	32.8	33.7	34.6	35.4	36.2	36.9	37.5	38.0	38.5	40.2
30°	35.1	36.2	37.2	38.1	39.0	39.8	40.6	41.3	41.8	42.3	44.2
32.5°	38.4	39.5	40.5	41.4	42.3	43.1	44.0	45.0	45.6	46.2	48.2
35°	41.3	42.5	43.5	44.5	45.5	46.3	47.3	48.7	49.4	50.0	52.2
37.5°	44.4	45.5	46.6	47.8	49.0	49.9	50.9	52.0	52.8	53.4	55.7
40°	47.3	48.6	49.7	51.0	52.5	53.6	54.5	55.4	56.1	56.8	59.2
42.5°	50.3	51.5	52.7	54.0	55.4	56.6	57.4	58.2	59.1	60.2	62.7
45°	52.6	54.1	55.4	57.0	58.3	59.4	60.2	61.1	62.1	63.5	66.2
47.5°	55.0	56.7	58.0	59.7	61.1	62.1	63.0	63.9	65.0	66.4	69.2
50°	57.3	58.8	60.4	62.2	63.9	64.9	65.8	66.7	67.8	69.3	72.2
52.5°	59.8	61.2	62.8	64.5	66.3	67.2	68.5	69.6	70.6	72.2	75.2
55°	61.8	63.6	65.3	66.7	68.5	69.6	71.0	72.4	73.4	75.0	78.2
57.5°	63.8	65.7	67.5	68.9	70.7	71.9	73.1	74.5	75.7	77.0	80.2
60°	65.3	67.3	69.3	71.0	72.9	74.2	75.2	76.4	78.0	78.9	82.2
62.5°	67.0	69.0	70.9	72.9	74.6	75.9	77.1	78.2	79.5	80.8	84.2
65°	68.6	70.7	72.7	74.6	76.1	77.5	79.0	80.0	81.0	82.7	86.2
67.5°	69.8	71.9	73.8	75.7	77.5	79.2	80.9	81.9	82.8	84.7	88.2
70°	71.0	73.2	75.2	77.2	79.1	80.9	81.9	82.9	84.8	86.6	90.2
72.5°	71.9	74.4	76.3	78.3	80.1	81.9	83.3	84.3	85.7	87.6	91.2
75°	72.6	75.2	77.2	79.1	81.0	82.9	84.7	85.6	86.7	88.5	92.4
77.5°	73.3	75.8	78.1	80.0	81.9	83.8	85.2	86.2	87.6	89.5	93.3
80°	74.1	76.2	78.9	80.8	82.8	84.7	85.6	86.7	88.5	90.4	94.3
82.5°	74.6	76.6	79.4	81.3	83.2	84.7	86.1	87.1	89.0	90.9	94.8
85°	75.0	77.0	79.9	81.8	83.7	84.7	86.6	87.6	89.5	91.4	95.3
87.5°	75.0	77.0	79.9	81.8	83.7	85.1	86.6	88.1	89.5	91.4	95.3
90°	75.0	77.0	79.9	81.8	83.7	85.1	86.6	88.1	89.5	91.4	95.3
92.5°	75.0	77.0	79.9	81.8	83.7	85.1	86.6	88.1	89.5	91.4	95.3
95°	75.0	77.0	79.9	81.8	83.7	84.7	86.6	87.6	89.5	91.4	95.3
97.5°	74.6	76.6	79.4	81.3	83.2	84.7	86.1	87.1	89.0	90.9	94.8
100°	74.1	76.2	78.9	80.8	82.8	84.7	85.6	86.7	88.5	90.4	94.3
102.5°	73.3	75.8	78.1	80.0	81.9	83.8	85.2	86.2	87.6	89.5	93.3
105°	72.6	75.2	77.2	79.1	81.0	82.9	84.7	85.6	86.7	88.5	92.4
107.5°	71.9	74.4	76.3	78.3	80.1	81.9	83.3	84.3	85.7	87.6	91.2
110°	71.0	73.2	75.2	77.2	79.1	80.9	81.9	82.9	84.8	86.6	90.2



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	69.8	71.9	73.8	75.7	77.5	79.2	80.9	81.9	82.8	84.7	88.2
115°	68.6	70.7	72.7	74.6	76.1	77.5	79.0	80.0	81.0	82.7	86.2
117.5°	67.0	69.0	70.9	72.9	74.6	75.9	77.1	78.2	79.5	80.8	84.2
120°	65.3	67.3	69.3	71.0	72.9	74.2	75.2	76.4	78.0	78.9	82.2
122.5°	63.8	65.7	67.5	68.9	70.7	71.9	73.1	74.5	75.7	77.0	80.2
125°	61.8	63.6	65.3	66.7	68.5	69.6	71.0	72.4	73.4	75.0	78.2
127.5°	59.8	61.2	62.8	64.5	66.3	67.2	68.5	69.6	70.6	72.2	75.2
130°	57.3	58.8	60.4	62.2	63.9	64.9	65.8	66.7	67.8	69.3	72.2
132.5°	55.0	56.7	58.0	59.7	61.1	62.1	63.0	63.9	65.0	66.4	69.2
135°	52.6	54.1	55.4	57.0	58.3	59.4	60.2	61.1	62.1	63.5	66.2
137.5°	50.3	51.5	52.7	54.0	55.4	56.6	57.4	58.2	59.1	60.2	62.7
140°	47.3	48.6	49.7	51.0	52.5	53.6	54.5	55.4	56.1	56.8	59.2
142.5°	44.4	45.5	46.6	47.8	49.0	49.9	50.9	52.0	52.8	53.4	55.7
145°	41.3	42.5	43.5	44.5	45.5	46.3	47.3	48.7	49.4	50.0	52.2
147.5°	38.4	39.5	40.5	41.4	42.3	43.1	44.0	45.0	45.6	46.2	48.2
150°	35.1	36.2	37.2	38.1	39.0	39.8	40.6	41.3	41.8	42.3	44.2
152.5°	31.8	32.8	33.7	34.6	35.4	36.2	36.9	37.5	38.0	38.5	40.2
155°	28.4	29.4	30.2	30.9	31.6	32.4	33.1	33.7	34.2	34.6	36.2
157.5°	25.2	26.0	26.5	26.8	27.3	27.9	28.5	29.2	30.0	30.8	31.9
160°	21.6	22.2	22.7	23.1	23.7	24.2	24.8	25.2	25.6	26.0	27.3
162.5°	17.8	18.5	19.0	19.6	20.1	20.6	21.0	21.5	21.8	22.2	23.1
165°	14.5	15.1	15.6	16.1	16.5	17.0	17.3	17.7	18.0	18.3	19.0
167.5°	11.2	11.7	12.1	12.6	12.9	13.3	13.6	13.9	14.2	14.5	15.1
170°	8.2	8.5	8.8	9.2	9.4	9.7	10.0	10.2	10.4	10.6	11.1
172.5°	5.4	5.7	5.9	6.1	6.3	6.6	6.7	6.9	7.1	7.2	7.6
175°	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	4.1
177.5°	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9
5°	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.5	6.8	7.1	7.3
7.5°	8.0	8.4	8.8	9.2	9.5	9.9	10.2	10.9	11.6	12.2	12.8
10°	11.6	12.0	12.4	12.8	13.3	14.3	15.2	16.1	17.0	17.8	18.7
12.5°	15.6	16.2	16.7	17.4	18.7	20.0	21.1	22.2	23.6	25.2	26.8
15°	19.7	20.4	21.1	22.8	24.5	26.1	27.7	29.7	31.6	33.5	35.5
17.5°	24.1	24.9	26.6	28.6	30.6	32.6	35.0	37.2	39.4	42.0	44.7
20°	28.5	29.7	32.1	34.4	36.7	39.5	42.2	44.8	48.0	51.1	54.1
22.5°	32.9	34.5	37.3	39.9	42.9	46.1	49.2	52.8	56.4	59.9	63.9
25°	37.7	39.9	42.5	45.4	49.3	53.0	57.0	60.9	64.8	69.2	73.6
27.5°	41.9	44.6	47.4	51.2	55.5	60.0	64.7	69.3	74.1	78.6	83.3
30°	46.1	49.2	52.3	56.7	61.4	66.6	71.9	77.3	82.4	87.7	92.9
32.5°	50.4	53.8	57.5	62.2	67.4	73.3	79.2	85.1	90.9	96.8	102.4
35°	54.7	58.4	62.7	67.8	73.7	80.1	86.5	93.0	99.5	105.7	111.7
37.5°	58.7	62.8	67.9	73.4	79.8	86.6	93.8	101.0	108.4	114.2	120.5
40°	62.6	67.4	73.0	79.2	86.0	93.3	100.7	108.4	115.6	122.3	129.3
42.5°	66.4	71.1	77.4	84.2	91.6	99.4	107.5	115.8	123.1	130.4	137.9
45°	70.0	75.0	81.5	89.0	96.9	105.1	113.8	122.3	130.3	138.3	146.0
47.5°	73.3	78.7	85.5	93.6	102.0	110.8	119.9	128.9	137.6	146.1	153.9
50°	76.6	82.5	89.7	98.1	107.1	116.4	125.9	135.0	144.0	152.9	161.9
52.5°	79.8	86.1	93.8	102.6	112.0	121.8	131.5	140.7	150.5	160.0	168.8
55°	83.1	89.7	97.9	107.1	116.9	126.8	136.5	146.4	156.5	166.4	175.2
57.5°	85.4	92.7	101.4	110.9	121.4	131.5	141.6	151.9	162.1	171.9	181.5
60°	87.6	95.6	104.6	114.4	125.5	136.0	146.9	156.9	167.3	177.5	187.4
62.5°	90.2	98.1	107.3	117.7	128.9	139.9	151.4	161.3	172.6	183.1	193.3
65°	92.8	100.4	109.9	120.7	131.9	143.3	154.9	165.6	176.8	187.6	198.3
67.5°	94.2	102.6	113.2	124.0	135.0	146.5	158.2	169.6	180.6	191.7	202.7
70°	96.3	104.9	114.8	126.0	137.5	149.5	161.4	172.9	184.2	195.8	206.3
72.5°	97.5	106.4	116.6	128.2	140.0	152.2	164.1	175.9	187.6	199.2	210.1
75°	98.6	107.7	118.6	130.4	142.4	154.4	166.4	178.3	190.2	201.7	212.6
77.5°	99.7	108.5	119.6	131.7	144.2	156.4	168.2	180.5	192.4	203.8	214.9
80°	101.0	109.3	120.5	132.7	145.8	158.1	169.7	182.5	194.2	205.5	216.8
82.5°	101.5	110.1	121.7	133.6	146.5	159.3	171.2	184.0	195.6	206.9	218.3
85°	102.0	110.6	122.2	134.7	147.2	160.7	173.1	185.6	196.6	208.1	219.6
87.5°	102.0	110.6	122.2	134.7	147.2	160.7	173.1	185.6	196.6	208.1	219.6
90°	102.0	110.6	122.2	134.7	148.2	159.7	172.2	185.7	198.2	208.8	220.3
92.5°	102.0	110.6	122.2	134.7	147.7	160.2	172.7	185.7	197.6	208.8	220.3
95°	102.0	110.6	122.2	134.7	147.2	160.7	173.1	185.6	196.6	208.1	219.6
97.5°	101.5	110.1	121.7	133.6	146.5	159.3	171.2	184.0	195.6	206.9	218.3
100°	101.0	109.3	120.5	132.7	145.8	158.1	169.7	182.5	194.2	205.5	216.8
102.5°	99.7	108.5	119.6	131.7	144.2	156.4	168.2	180.5	192.4	203.8	214.9
105°	98.6	107.7	118.6	130.4	142.4	154.4	166.4	178.3	190.2	201.7	212.6
107.5°	97.5	106.4	116.6	128.2	140.0	152.2	164.1	175.9	187.6	199.2	210.1
110°	96.3	104.9	114.8	126.0	137.5	149.5	161.4	172.9	184.2	195.8	206.3



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	94.2	102.6	113.2	124.0	135.0	146.5	158.2	169.6	180.6	191.7	202.7
115°	92.8	100.4	109.9	120.7	131.9	143.3	154.9	165.6	176.8	187.6	198.3
117.5°	90.2	98.1	107.3	117.7	128.9	139.9	151.4	161.3	172.6	183.1	193.3
120°	87.6	95.6	104.6	114.4	125.5	136.0	146.9	156.9	167.3	177.5	187.4
122.5°	85.4	92.7	101.4	110.9	121.4	131.5	141.6	151.9	162.1	171.9	181.5
125°	83.1	89.7	97.9	107.1	116.9	126.8	136.5	146.4	156.5	166.4	175.2
127.5°	79.8	86.1	93.8	102.6	112.0	121.8	131.5	140.7	150.5	160.0	168.8
130°	76.6	82.5	89.7	98.1	107.1	116.4	125.9	135.0	144.0	152.9	161.9
132.5°	73.3	78.7	85.5	93.6	102.0	110.8	119.9	128.9	137.6	146.1	153.9
135°	70.0	75.0	81.5	89.0	96.9	105.1	113.8	122.3	130.3	138.3	146.0
137.5°	66.4	71.1	77.4	84.2	91.6	99.4	107.5	115.8	123.1	130.4	137.9
140°	62.6	67.4	73.0	79.2	86.0	93.3	100.7	108.4	115.6	122.3	129.3
142.5°	58.7	62.8	67.9	73.4	79.8	86.6	93.8	101.0	108.4	114.2	120.5
145°	54.7	58.4	62.7	67.8	73.7	80.1	86.5	93.0	99.5	105.7	111.7
147.5°	50.4	53.8	57.5	62.2	67.4	73.3	79.2	85.1	90.9	96.8	102.4
150°	46.1	49.2	52.3	56.7	61.4	66.6	71.9	77.3	82.4	87.7	92.9
152.5°	41.9	44.6	47.4	51.2	55.5	60.0	64.7	69.3	74.1	78.6	83.3
155°	37.7	39.9	42.5	45.4	49.3	53.0	57.0	60.9	64.8	69.2	73.6
157.5°	32.9	34.5	37.3	39.9	42.9	46.1	49.2	52.8	56.4	59.9	63.9
160°	28.5	29.7	32.1	34.4	36.7	39.5	42.2	44.8	48.0	51.1	54.1
162.5°	24.1	24.9	26.6	28.6	30.6	32.6	35.0	37.2	39.4	42.0	44.7
165°	19.7	20.4	21.1	22.8	24.5	26.1	27.7	29.7	31.6	33.5	35.5
167.5°	15.6	16.2	16.7	17.4	18.7	20.0	21.1	22.2	23.6	25.2	26.8
170°	11.6	12.0	12.4	12.8	13.3	14.3	15.2	16.1	17.0	17.8	18.7
172.5°	8.0	8.4	8.8	9.2	9.5	9.9	10.2	10.9	11.6	12.2	12.8
175°	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.5	6.8	7.1	7.3
177.5°	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9
5°	7.7	8.1	8.5	8.9	9.2	9.5	9.8	10.1	10.3	10.5	10.7
7.5°	13.3	13.8	14.3	14.8	15.3	16.0	16.6	17.4	18.1	18.7	19.3
10°	19.9	21.2	22.4	23.5	24.6	25.5	26.5	27.4	28.3	29.1	29.8
12.5°	28.3	29.7	31.1	32.9	34.5	35.9	37.3	38.5	39.7	40.8	41.9
15°	37.5	39.7	41.7	43.6	45.5	47.4	49.1	50.8	52.4	53.9	55.3
17.5°	47.3	50.2	52.5	55.0	57.3	59.5	61.6	63.4	65.1	66.6	68.1
20°	57.4	60.6	63.6	66.5	69.1	71.6	74.0	76.1	78.1	79.8	81.4
22.5°	67.6	71.2	74.6	77.8	81.0	83.7	86.4	88.8	91.1	93.4	95.5
25°	77.8	81.8	86.1	89.2	92.6	95.8	99.0	102.0	104.7	107.2	109.6
27.5°	87.9	92.3	96.6	100.6	104.4	108.3	112.5	115.1	118.1	120.9	123.4
30°	97.9	102.8	107.4	111.8	115.9	120.1	124.2	127.7	130.8	133.8	136.7
32.5°	107.9	113.2	118.2	123.0	127.4	131.9	136.4	140.2	143.6	146.5	149.4
35°	117.7	123.5	128.9	134.0	138.9	143.9	148.7	152.7	156.4	159.5	162.4
37.5°	127.0	133.3	139.4	144.9	150.3	155.4	160.1	164.5	168.6	172.3	174.7
40°	136.3	143.4	149.6	155.1	160.7	166.0	170.8	175.5	179.9	183.9	187.1
42.5°	145.2	152.4	158.6	164.7	171.1	176.6	181.7	186.4	191.4	194.9	198.4
45°	153.2	160.8	167.8	174.6	180.9	187.0	192.0	197.0	201.5	205.6	209.4
47.5°	161.8	169.6	176.8	183.4	189.8	196.1	201.8	207.0	211.8	216.3	220.0
50°	169.9	177.7	185.2	191.9	198.8	205.5	211.4	216.7	222.2	226.3	230.1
52.5°	177.0	185.3	193.1	200.5	208.5	214.2	220.3	226.1	231.0	235.7	239.6
55°	183.8	192.6	201.3	208.4	215.7	222.4	229.1	234.6	239.7	244.3	248.5
57.5°	190.5	199.5	207.8	215.3	223.1	230.3	236.8	242.6	247.9	252.8	257.2
60°	196.9	205.8	214.3	222.3	230.0	237.3	243.8	249.9	255.7	261.1	265.0
62.5°	202.7	211.5	220.5	228.6	236.5	243.7	250.4	256.9	263.1	267.4	271.8
65°	207.7	217.0	226.1	234.5	242.6	249.9	256.8	263.3	268.9	273.5	278.7
67.5°	211.9	221.8	230.9	239.8	248.1	255.5	262.3	268.9	274.5	279.8	284.8
70°	216.3	226.0	235.4	244.6	252.9	260.0	267.1	273.8	279.8	285.4	290.9
72.5°	219.8	229.5	239.1	248.4	256.3	264.0	271.2	277.8	284.2	289.9	295.1
75°	222.8	232.7	242.5	251.9	260.4	267.8	274.9	281.6	288.2	293.9	299.4
77.5°	225.4	235.5	245.6	254.6	262.9	270.8	278.0	284.6	290.7	296.9	302.3
80°	227.7	237.7	247.8	257.0	265.1	273.3	280.4	287.3	293.8	299.7	305.4
82.5°	229.5	239.3	249.6	259.1	267.0	275.3	282.2	289.0	296.0	301.9	307.4
85°	230.3	240.6	251.1	260.0	267.8	276.3	283.6	290.3	297.5	303.3	309.0
87.5°	231.3	241.5	251.7	260.7	268.4	277.1	284.8	291.5	298.3	304.0	309.8
90°	231.9	241.5	251.1	260.7	268.4	277.1	284.8	291.5	298.3	304.0	309.8
92.5°	231.3	241.5	251.7	260.7	268.4	277.1	284.8	291.5	298.3	304.0	309.8
95°	230.3	240.6	251.1	260.0	267.8	276.3	283.6	290.3	297.5	303.3	309.0
97.5°	229.5	239.3	249.6	259.1	267.0	275.3	282.2	289.0	296.0	301.9	307.4
100°	227.7	237.7	247.8	257.0	265.1	273.3	280.4	287.3	293.8	299.7	305.4
102.5°	225.4	235.5	245.6	254.6	262.9	270.8	278.0	284.6	290.7	296.9	302.3
105°	222.8	232.7	242.5	251.9	260.4	267.8	274.9	281.6	288.2	293.9	299.4
107.5°	219.8	229.5	239.1	248.4	256.3	264.0	271.2	277.8	284.2	289.9	295.1
110°	216.3	226.0	235.4	244.6	252.9	260.0	267.1	273.8	279.8	285.4	290.9



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	211.9	221.8	230.9	239.8	248.1	255.5	262.3	268.9	274.5	279.8	284.8
115°	207.7	217.0	226.1	234.5	242.6	249.9	256.8	263.3	268.9	273.5	278.7
117.5°	202.7	211.5	220.5	228.6	236.5	243.7	250.4	256.9	263.1	267.4	271.8
120°	196.9	205.8	214.3	222.3	230.0	237.3	243.8	249.9	255.7	261.1	265.0
122.5°	190.5	199.5	207.8	215.3	223.1	230.3	236.8	242.6	247.9	252.8	257.2
125°	183.8	192.6	201.3	208.4	215.7	222.4	229.1	234.6	239.7	244.3	248.5
127.5°	177.0	185.3	193.1	200.5	208.5	214.2	220.3	226.1	231.0	235.7	239.6
130°	169.9	177.7	185.2	191.9	198.8	205.5	211.4	216.7	222.2	226.3	230.1
132.5°	161.8	169.6	176.8	183.4	189.8	196.1	201.8	207.0	211.8	216.3	220.0
135°	153.2	160.8	167.8	174.6	180.9	187.0	192.0	197.0	201.5	205.6	209.4
137.5°	145.2	152.4	158.6	164.7	171.1	176.6	181.7	186.4	191.4	194.9	198.4
140°	136.3	143.4	149.6	155.1	160.7	166.0	170.8	175.5	179.9	183.9	187.1
142.5°	127.0	133.3	139.4	144.9	150.3	155.4	160.1	164.5	168.6	172.3	174.7
145°	117.7	123.5	128.9	134.0	138.9	143.9	148.7	152.7	156.4	159.5	162.4
147.5°	107.9	113.2	118.2	123.0	127.4	131.9	136.4	140.2	143.6	146.5	149.4
150°	97.9	102.8	107.4	111.8	115.9	120.1	124.2	127.7	130.8	133.8	136.7
152.5°	87.9	92.3	96.6	100.6	104.4	108.3	112.5	115.1	118.1	120.9	123.4
155°	77.8	81.8	86.1	89.2	92.6	95.8	99.0	102.0	104.7	107.2	109.6
157.5°	67.6	71.2	74.6	77.8	81.0	83.7	86.4	88.8	91.1	93.4	95.5
160°	57.4	60.6	63.6	66.5	69.1	71.6	74.0	76.1	78.1	79.8	81.4
162.5°	47.3	50.2	52.5	55.0	57.3	59.5	61.6	63.4	65.1	66.6	68.1
165°	37.5	39.7	41.7	43.6	45.5	47.4	49.1	50.8	52.4	53.9	55.3
167.5°	28.3	29.7	31.1	32.9	34.5	35.9	37.3	38.5	39.7	40.8	41.9
170°	19.9	21.2	22.4	23.5	24.6	25.5	26.5	27.4	28.3	29.1	29.8
172.5°	13.3	13.8	14.3	14.8	15.3	16.0	16.6	17.4	18.1	18.7	19.3
175°	7.7	8.1	8.5	8.9	9.2	9.5	9.8	10.1	10.3	10.5	10.7
177.5°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.9	5.0	5.0	5.0	5.0	5.0	5.2	5.1	5.1	5.0	4.9
5°	10.8	11.0	11.0	11.1	11.2	11.2	11.2	11.1	11.3	11.1	10.9
7.5°	19.8	20.2	20.6	21.0	21.2	21.4	21.6	21.7	21.7	21.9	21.7
10°	30.3	31.1	31.7	32.3	32.8	33.2	33.6	33.8	34.0	34.5	34.2
12.5°	42.9	43.8	44.6	45.4	46.2	46.9	47.5	48.0	48.3	48.4	48.7
15°	56.5	57.5	58.4	59.2	59.8	60.4	61.1	61.6	61.9	62.1	62.4
17.5°	69.5	70.8	72.0	73.0	73.8	74.5	75.2	75.8	76.2	76.5	76.9
20°	82.7	84.2	85.8	87.1	88.0	88.7	89.0	89.5	90.1	90.5	91.1
22.5°	97.5	99.3	100.6	101.7	102.6	103.4	104.0	104.5	105.1	105.5	106.1
25°	111.6	113.2	114.5	115.7	117.2	118.3	119.0	119.4	119.7	120.3	120.6
27.5°	125.5	127.4	129.2	130.8	131.8	132.8	133.3	133.5	133.4	133.9	134.1
30°	138.8	140.8	142.7	144.3	145.6	146.5	147.3	147.8	147.9	148.2	148.6
32.5°	152.0	154.3	156.1	157.9	159.3	160.3	161.1	161.7	161.9	161.8	162.1
35°	165.3	167.6	169.7	171.5	173.0	173.8	174.4	175.0	175.3	175.3	176.4
37.5°	177.6	180.2	182.3	183.9	184.9	186.2	186.9	187.2	187.5	187.4	187.4
40°	189.8	192.6	194.5	196.0	197.5	198.7	199.3	199.6	200.0	200.0	199.9
42.5°	201.5	204.2	206.0	207.6	209.4	210.7	211.3	211.5	211.4	211.2	211.1
45°	212.7	215.2	218.1	219.2	220.4	222.0	222.3	222.5	222.3	222.5	222.2
47.5°	223.1	225.8	228.2	230.0	231.4	232.6	233.4	233.7	233.4	233.3	233.0
50°	233.0	235.9	238.8	241.1	242.2	243.0	244.0	244.5	244.0	243.6	243.7
52.5°	242.9	246.2	248.7	250.9	252.4	253.0	254.0	254.6	254.5	254.0	253.7
55°	252.3	255.1	257.7	260.3	261.9	262.9	263.2	264.1	264.3	263.6	263.8
57.5°	260.8	263.9	266.8	269.0	270.9	271.8	273.2	273.1	273.6	272.8	272.6
60°	269.0	272.6	274.8	277.0	278.9	280.3	281.7	282.0	281.9	281.1	280.5
62.5°	276.0	280.0	282.9	284.9	287.0	288.4	289.5	289.6	289.1	288.6	288.2
65°	282.7	286.7	290.0	292.9	294.6	295.6	296.4	296.6	296.6	295.9	295.3
67.5°	288.9	293.4	296.9	299.5	301.3	302.0	302.9	303.3	303.1	302.6	302.1
70°	294.6	299.0	302.5	305.1	306.9	308.0	309.3	309.3	308.6	308.2	307.4
72.5°	299.8	304.1	307.5	310.3	312.2	313.6	313.8	314.2	314.2	313.3	312.5
75°	304.5	308.2	311.7	314.7	316.6	318.2	318.8	319.5	318.9	318.1	317.5
77.5°	307.8	311.5	315.5	317.8	319.9	321.4	322.7	323.0	323.4	322.7	321.2
80°	310.5	314.3	317.6	320.2	323.1	325.1	325.8	326.5	326.4	325.5	325.0
82.5°	312.1	316.5	320.0	322.9	325.0	326.8	327.7	328.9	328.7	328.6	327.7
85°	313.9	317.8	320.9	323.6	325.8	327.6	329.4	329.7	329.9	330.0	330.0
87.5°	314.6	318.3	322.0	324.1	326.9	328.0	329.0	329.4	330.0	329.8	330.0
90°	314.6	318.5	321.4	324.2	327.1	328.1	329.1	329.1	329.1	329.1	328.1
92.5°	314.6	318.3	322.0	324.1	326.9	328.0	329.0	329.4	330.0	329.8	330.0
95°	313.9	317.8	320.9	323.6	325.8	327.6	329.4	329.7	329.9	330.0	330.0
97.5°	312.1	316.5	320.0	322.9	325.0	326.8	327.7	328.9	328.7	328.6	327.7
100°	310.5	314.3	317.6	320.2	323.1	325.1	325.8	326.5	326.4	325.5	325.0
102.5°	307.8	311.5	315.5	317.8	319.9	321.4	322.7	323.0	323.4	322.7	321.2
105°	304.5	308.2	311.7	314.7	316.6	318.2	318.8	319.5	318.9	318.1	317.5
107.5°	299.8	304.1	307.5	310.3	312.2	313.6	313.8	314.2	314.2	313.3	312.5
110°	294.6	299.0	302.5	305.1	306.9	308.0	309.3	309.3	308.6	308.2	307.4



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	288.9	293.4	296.9	299.5	301.3	302.0	302.9	303.3	303.1	302.6	302.1
115°	282.7	286.7	290.0	292.9	294.6	295.6	296.4	296.6	296.6	295.9	295.3
117.5°	276.0	280.0	282.9	284.9	287.0	288.4	289.5	289.6	289.1	288.6	288.2
120°	269.0	272.6	274.8	277.0	278.9	280.3	281.7	282.0	281.9	281.1	280.5
122.5°	260.8	263.9	266.8	269.0	270.9	271.8	273.2	273.1	273.6	272.8	272.6
125°	252.3	255.1	257.7	260.3	261.9	262.9	263.2	264.1	264.3	263.6	263.8
127.5°	242.9	246.2	248.7	250.9	252.4	253.0	254.0	254.6	254.5	254.0	253.7
130°	233.0	235.9	238.8	241.1	242.2	243.0	244.0	244.5	244.0	243.6	243.7
132.5°	223.1	225.8	228.2	230.0	231.4	232.6	233.4	233.7	233.4	233.3	233.0
135°	212.7	215.2	218.1	219.2	220.4	222.0	222.3	222.5	222.3	222.5	222.2
137.5°	201.5	204.2	206.0	207.6	209.4	210.7	211.3	211.5	211.4	211.2	211.1
140°	189.8	192.6	194.5	196.0	197.5	198.7	199.3	199.6	200.0	200.0	199.9
142.5°	177.6	180.2	182.3	183.9	184.9	186.2	186.9	187.2	187.5	187.4	187.4
145°	165.3	167.6	169.7	171.5	173.0	173.8	174.4	175.0	175.3	175.3	176.4
147.5°	152.0	154.3	156.1	157.9	159.3	160.3	161.1	161.7	161.9	161.8	162.1
150°	138.8	140.8	142.7	144.3	145.6	146.5	147.3	147.8	147.9	148.2	148.6
152.5°	125.5	127.4	129.2	130.8	131.8	132.8	133.3	133.5	133.4	133.9	134.1
155°	111.6	113.2	114.5	115.7	117.2	118.3	119.0	119.4	119.7	120.3	120.6
157.5°	97.5	99.3	100.6	101.7	102.6	103.4	104.0	104.5	105.1	105.5	106.1
160°	82.7	84.2	85.8	87.1	88.0	88.7	89.0	89.5	90.1	90.5	91.1
162.5°	69.5	70.8	72.0	73.0	73.8	74.5	75.2	75.8	76.2	76.5	76.9
165°	56.5	57.5	58.4	59.2	59.8	60.4	61.1	61.6	61.9	62.1	62.4
167.5°	42.9	43.8	44.6	45.4	46.2	46.9	47.5	48.0	48.3	48.4	48.7
170°	30.3	31.1	31.7	32.3	32.8	33.2	33.6	33.8	34.0	34.5	34.2
172.5°	19.8	20.2	20.6	21.0	21.2	21.4	21.6	21.7	21.7	21.9	21.7
175°	10.8	11.0	11.0	11.1	11.2	11.2	11.2	11.1	11.3	11.1	10.9
177.5°	4.9	5.0	5.0	5.0	5.0	5.0	5.2	5.1	5.1	5.0	4.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	4.9	4.8
5°	10.8	10.6
7.5°	21.5	21.2
10°	34.0	33.7
12.5°	48.4	48.1
15°	62.0	61.6
17.5°	76.5	76.0
20°	90.8	90.4
22.5°	105.5	104.9
25°	120.7	120.3
27.5°	134.2	133.7
30°	148.7	148.2
32.5°	162.2	161.6
35°	177.7	178.0
37.5°	187.4	186.7
40°	200.0	199.2
42.5°	213.3	214.6
45°	222.2	221.3
47.5°	233.3	232.8
50°	245.2	246.3
52.5°	255.7	258.8
55°	264.1	262.7
57.5°	272.9	271.3
60°	280.9	280.0
62.5°	288.2	287.7
65°	295.1	294.4
67.5°	301.3	300.2
70°	306.9	306.0
72.5°	311.9	311.7
75°	317.0	316.6
77.5°	321.0	320.4
80°	324.5	323.3
82.5°	327.5	326.2
85°	329.1	328.1
87.5°	330.0	329.1
90°	328.1	329.1
92.5°	330.0	329.1
95°	329.1	328.1
97.5°	327.5	326.2
100°	324.5	323.3
102.5°	321.0	320.4
105°	317.0	316.6
107.5°	311.9	311.7
110°	306.9	306.0



TEST NUMBER: P231892

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	301.3	300.2
115°	295.1	294.4
117.5°	288.2	287.7
120°	280.9	280.0
122.5°	272.9	271.3
125°	264.1	262.7
127.5°	255.7	258.8
130°	245.2	246.3
132.5°	233.3	232.8
135°	222.2	221.3
137.5°	213.3	214.6
140°	200.0	199.2
142.5°	187.4	186.7
145°	177.7	178.0
147.5°	162.2	161.6
150°	148.7	148.2
152.5°	134.2	133.7
155°	120.7	120.3
157.5°	105.5	104.9
160°	90.8	90.4
162.5°	76.5	76.0
165°	62.0	61.6
167.5°	48.4	48.1
170°	34.0	33.7
172.5°	21.5	21.2
175°	10.8	10.6
177.5°	4.9	4.8
180°	0.0	0.0

(END OF REPORT)