

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: P232029

Luminaire Tested: **FVS4WM-3-LD4-35-1LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232029
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-24)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-35-1LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

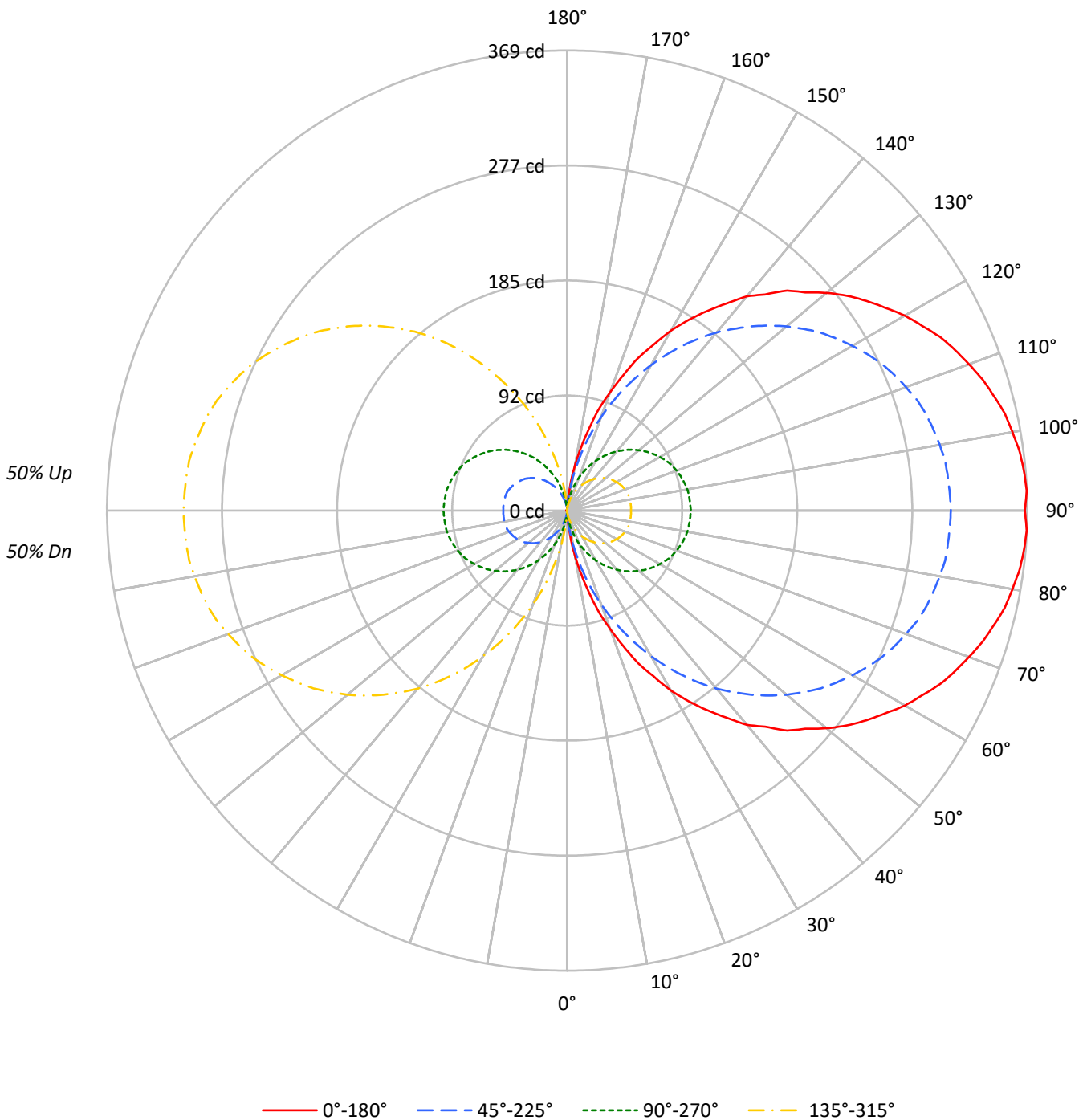
Lumens per Lamp: N/A
Luminaire Lumens: 1573.5 lumens
Efficiency: N/A
Efficacy: 73.9 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 21.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	197	63	0	63
10°	585	210	0	210
15°	961	376	0	376
20°	1318	573	0	573
25°	1652	772	0	772
30°	1932	987	0	987
35°	2164	1214	0	1214
40°	2403	1459	0	1459
45°	2604	1732	0	1732
50°	2785	2042	0	2042
55°	2975	2408	0	2408
60°	3167	2852	0	2852
65°	3358	3420	0	3420
70°	3538	4157	6	4157
75°	3733	5215	6	5215
80°	3932	6903	0	6903
85°	4142	10009	0	10009



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.8	0.1
10°-20°	8.7	0.6
20°-30°	27.4	1.7
30°-40°	54.5	3.5
40°-50°	86.3	5.5
50°-60°	118.3	7.5
60°-70°	146.5	9.3
70°-80°	167.1	10.6
80°-90°	177.2	11.3
90°-100°	177.2	11.3
100°-110°	167.1	10.6
110°-120°	146.5	9.3
120°-130°	118.3	7.5
130°-140°	86.3	5.5
140°-150°	54.5	3.5
150°-160°	27.4	1.7
160°-170°	8.7	0.6
170°-180°	0.8	0.1
0°-30°	37.0	2.3
0°-40°	91.5	5.8
0°-60°	296.0	18.8
0°-90°	786.7	50.0
90°-120°	490.7	31.2
90°-150°	749.8	47.7
90°-180°	787.0	50.0
0°-180°	1573.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	11	3	0	3	11	2
15°	68	19	0	19	68	21
25°	135	37	0	37	135	63
35°	195	54	0	54	195	123
45°	250	69	0	69	250	192
55°	293	81	0	81	293	263
65°	330	90	0	90	330	327
75°	354	96	1	96	354	375
85°	368	99	0	99	368	299
90°	367	99	0	99	367	202
95°	368	99	0	99	368	299
105°	354	96	1	96	354	375
115°	330	90	0	90	330	327
125°	293	81	0	81	293	263
135°	250	69	0	69	250	192
145°	195	54	0	54	195	123
155°	135	37	0	37	135	63
165°	68	19	0	19	68	21
175°	11	3	0	3	11	2
180°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.1	4.1	4.1	4.1
5°	11.4	11.6	11.8	12.0	12.2	12.0	12.0	12.0	11.9	11.9	11.7
7.5°	23.4	23.7	23.9	24.1	23.9	23.8	23.7	23.5	23.2	22.9	22.5
10°	37.9	38.2	38.6	38.9	38.3	38.2	37.9	37.5	37.0	36.4	35.7
12.5°	52.4	52.8	53.2	53.0	53.0	52.7	52.4	51.9	51.3	50.5	49.8
15°	68.2	68.8	69.4	69.2	69.1	68.8	68.4	67.7	66.9	66.1	65.2
17.5°	86.5	86.7	86.9	86.1	85.5	84.8	83.9	83.3	82.7	81.9	80.8
20°	101.1	101.7	102.2	101.7	101.3	100.7	100.1	99.6	98.9	97.9	96.7
22.5°	117.5	118.2	118.8	118.1	117.8	117.2	116.8	116.3	115.4	114.3	113.0
25°	135.2	135.6	135.4	135.0	134.3	133.8	133.4	132.6	131.5	130.2	128.9
27.5°	149.7	150.5	150.7	150.6	150.2	149.9	149.3	148.4	147.1	146.1	144.5
30°	166.8	167.1	166.7	166.1	165.7	165.4	164.8	163.7	162.6	161.1	159.4
32.5°	181.3	181.7	181.3	180.7	180.7	180.4	179.8	179.1	178.2	176.7	174.6
35°	195.2	195.7	195.3	194.8	195.3	195.2	194.6	194.0	193.1	191.7	189.7
37.5°	209.1	209.6	209.2	209.0	209.4	209.3	209.0	208.2	206.9	205.4	203.6
40°	224.3	224.3	223.3	223.0	223.0	222.7	222.6	222.1	221.0	219.1	216.9
42.5°	235.0	235.6	235.2	235.7	235.9	235.8	235.4	234.8	233.9	232.3	230.2
45°	249.5	248.9	247.3	248.1	248.4	248.5	248.0	247.9	246.5	245.0	243.0
47.5°	259.0	259.3	258.9	259.6	260.1	260.5	260.4	259.9	258.8	257.2	254.9
50°	271.6	272.0	271.5	271.5	271.7	271.9	271.9	271.4	270.6	269.4	267.0
52.5°	283.0	283.0	282.5	282.6	282.9	283.1	283.4	282.8	281.7	280.0	277.9
55°	293.1	293.1	292.5	292.5	293.5	293.9	294.0	293.6	292.5	290.7	288.0
57.5°	302.6	302.6	302.6	303.0	303.7	304.3	304.4	304.0	302.9	300.9	298.6
60°	312.7	312.2	311.7	312.3	313.1	313.9	313.9	313.6	312.5	310.3	307.6
62.5°	320.9	320.5	320.1	320.8	321.8	322.9	323.1	322.4	321.2	318.9	315.6
65°	329.8	328.8	328.6	329.3	330.2	331.5	331.2	330.7	329.3	326.8	323.9
67.5°	336.7	335.9	336.0	336.9	338.0	339.0	338.7	337.9	336.4	333.8	330.9
70°	343.0	342.0	342.4	343.4	345.0	345.9	345.5	344.2	342.3	339.9	337.1
72.5°	349.4	348.3	348.2	349.3	350.6	351.7	351.0	350.0	348.0	345.4	342.3
75°	354.4	352.8	353.7	354.9	356.4	356.3	355.6	354.5	352.9	350.1	346.9
77.5°	359.5	357.3	358.5	360.1	360.5	360.4	359.3	358.3	356.7	354.0	350.9
80°	362.6	360.9	362.4	363.5	363.6	363.1	362.3	361.9	359.8	357.1	354.2
82.5°	365.8	363.9	365.7	365.5	365.5	365.6	364.7	363.5	361.8	359.5	356.4
85°	367.7	366.6	366.5	366.6	366.8	366.7	366.0	365.1	363.5	361.2	357.5
87.5°	368.9	367.4	366.5	366.5	366.9	366.9	366.2	364.8	363.5	361.4	358.0
90°	367.0	363.9	363.9	365.1	365.8	365.8	365.8	364.5	363.3	361.4	357.6
92.5°	368.9	367.4	366.5	366.5	366.9	366.9	366.2	364.8	363.5	361.4	358.0
95°	367.7	366.6	366.5	366.6	366.8	366.7	366.0	365.1	363.5	361.2	357.5
97.5°	365.8	363.9	365.7	365.5	365.5	365.6	364.7	363.5	361.8	359.5	356.4
100°	362.6	360.9	362.4	363.5	363.6	363.1	362.3	361.9	359.8	357.1	354.2
102.5°	359.5	357.3	358.5	360.1	360.5	360.4	359.3	358.3	356.7	354.0	350.9
105°	354.4	352.8	353.7	354.9	356.4	356.3	355.6	354.5	352.9	350.1	346.9
107.5°	349.4	348.3	348.2	349.3	350.6	351.7	351.0	350.0	348.0	345.4	342.3
110°	343.0	342.0	342.4	343.4	345.0	345.9	345.5	344.2	342.3	339.9	337.1



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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°	336.7	335.9	336.0	336.9	338.0	339.0	338.7	337.9	336.4	333.8	330.9
115°	329.8	328.8	328.6	329.3	330.2	331.5	331.2	330.7	329.3	326.8	323.9
117.5°	320.9	320.5	320.1	320.8	321.8	322.9	323.1	322.4	321.2	318.9	315.6
120°	312.7	312.2	311.7	312.3	313.1	313.9	313.9	313.6	312.5	310.3	307.6
122.5°	302.6	302.6	302.6	303.0	303.7	304.3	304.4	304.0	302.9	300.9	298.6
125°	293.1	293.1	292.5	292.5	293.5	293.9	294.0	293.6	292.5	290.7	288.0
127.5°	283.0	283.0	282.5	282.6	282.9	283.1	283.4	282.8	281.7	280.0	277.9
130°	271.6	272.0	271.5	271.5	271.7	271.9	271.9	271.4	270.6	269.4	267.0
132.5°	259.0	259.3	258.9	259.6	260.1	260.5	260.4	259.9	258.8	257.2	254.9
135°	249.5	248.9	247.3	248.1	248.4	248.5	248.0	247.9	246.5	245.0	243.0
137.5°	235.0	235.6	235.2	235.7	235.9	235.8	235.4	234.8	233.9	232.3	230.2
140°	224.3	224.3	223.3	223.0	223.0	222.7	222.6	222.1	221.0	219.1	216.9
142.5°	209.1	209.6	209.2	209.0	209.4	209.3	209.0	208.2	206.9	205.4	203.6
145°	195.2	195.7	195.3	194.8	195.3	195.2	194.6	194.0	193.1	191.7	189.7
147.5°	181.3	181.7	181.3	180.7	180.7	180.4	179.8	179.1	178.2	176.7	174.6
150°	166.8	167.1	166.7	166.1	165.7	165.4	164.8	163.7	162.6	161.1	159.4
152.5°	149.7	150.5	150.7	150.6	150.2	149.9	149.3	148.4	147.1	146.1	144.5
155°	135.2	135.6	135.4	135.0	134.3	133.8	133.4	132.6	131.5	130.2	128.9
157.5°	117.5	118.2	118.8	118.1	117.8	117.2	116.8	116.3	115.4	114.3	113.0
160°	101.1	101.7	102.2	101.7	101.3	100.7	100.1	99.6	98.9	97.9	96.7
162.5°	86.5	86.7	86.9	86.1	85.5	84.8	83.9	83.3	82.7	81.9	80.8
165°	68.2	68.8	69.4	69.2	69.1	68.8	68.4	67.7	66.9	66.1	65.2
167.5°	52.4	52.8	53.2	53.0	53.0	52.7	52.4	51.9	51.3	50.5	49.8
170°	37.9	38.2	38.6	38.9	38.3	38.2	37.9	37.5	37.0	36.4	35.7
172.5°	23.4	23.7	23.9	24.1	23.9	23.8	23.7	23.5	23.2	22.9	22.5
175°	11.4	11.6	11.8	12.0	12.2	12.0	12.0	12.0	11.9	11.9	11.7
177.5°	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.1	4.1	4.1	4.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.6	3.6
5°	11.6	11.4	11.2	10.9	10.6	10.3	9.9	9.5	9.1	8.6	8.1
7.5°	22.1	21.6	21.0	20.4	19.8	19.0	18.2	17.6	16.8	16.2	15.6
10°	34.8	33.9	33.1	32.2	31.3	30.2	29.2	28.3	27.2	26.1	24.9
12.5°	49.1	48.1	47.1	45.8	44.5	43.1	41.7	40.1	38.5	36.8	35.0
15°	64.2	63.0	61.7	60.3	58.6	56.8	54.8	52.8	50.7	48.7	46.6
17.5°	79.4	77.7	76.1	74.4	72.8	70.9	68.7	66.4	63.9	61.4	58.8
20°	95.2	93.5	91.7	89.7	87.5	85.2	82.6	79.9	76.8	73.8	70.7
22.5°	111.5	109.8	107.7	105.4	102.8	100.0	97.0	93.8	90.5	86.9	83.3
25°	127.3	125.4	123.3	120.9	117.9	114.6	111.2	107.6	103.8	99.7	96.0
27.5°	142.6	140.5	138.1	135.5	132.4	128.8	125.4	121.0	117.0	112.8	108.2
30°	157.4	155.3	153.1	149.9	146.8	143.5	139.2	134.7	130.2	125.6	120.7
32.5°	172.6	170.4	167.7	164.3	160.7	156.9	152.8	148.2	143.3	138.1	132.6
35°	187.4	184.8	182.0	178.9	175.1	170.8	166.1	161.3	156.2	150.7	144.6
37.5°	201.3	198.6	195.6	192.7	188.4	184.2	179.4	174.1	168.7	163.0	156.5
40°	214.9	212.3	209.2	205.5	201.2	196.5	191.8	186.5	180.4	174.1	167.8
42.5°	227.8	225.5	222.5	218.5	214.8	209.0	203.3	197.6	191.5	184.8	178.0
45°	240.3	237.2	234.1	230.4	225.9	221.0	215.1	208.8	202.3	195.6	188.0
47.5°	252.6	249.8	246.0	241.8	236.9	231.5	226.1	219.6	212.7	206.0	198.1
50°	264.4	261.3	257.4	253.0	248.6	242.2	236.2	229.7	222.5	214.9	207.1
52.5°	275.4	272.1	268.1	263.2	258.0	252.7	246.0	239.3	232.4	223.9	215.7
55°	285.4	282.3	277.9	273.1	267.5	261.5	255.2	248.5	240.7	232.6	224.6
57.5°	295.2	291.1	286.9	282.0	276.5	270.4	263.6	256.4	248.8	240.6	231.8
60°	304.5	300.1	295.4	290.5	284.8	278.5	271.6	264.1	256.2	247.8	238.8
62.5°	312.0	308.6	303.5	297.9	292.3	286.2	279.2	271.5	263.3	254.6	245.4
65°	319.8	315.5	310.9	304.9	299.2	293.0	286.0	278.3	269.8	260.5	251.2
67.5°	327.0	322.5	317.5	311.8	305.5	298.9	291.8	284.1	275.6	266.3	256.3
70°	333.2	328.7	323.9	317.6	311.0	304.1	297.0	289.2	280.6	271.6	261.2
72.5°	338.3	334.2	329.0	322.8	316.3	309.4	302.0	294.3	285.1	276.4	266.0
75°	343.2	338.8	333.6	327.3	320.8	314.0	306.0	298.0	289.2	280.1	269.8
77.5°	347.3	342.6	337.2	331.4	324.7	317.5	309.3	300.9	292.1	282.7	272.2
80°	350.3	345.5	340.1	334.2	327.4	319.8	311.6	303.4	294.4	285.0	274.6
82.5°	352.6	348.1	342.5	336.2	329.1	321.5	313.4	305.7	296.4	286.6	276.9
85°	353.7	349.2	344.0	337.5	330.2	322.9	314.8	306.5	297.4	287.8	278.2
87.5°	354.2	350.0	344.3	338.1	331.0	324.1	315.9	307.2	298.0	288.7	279.0
90°	353.8	350.0	344.3	338.6	331.0	324.1	315.9	307.7	297.6	288.7	278.6
92.5°	354.2	350.0	344.3	338.1	331.0	324.1	315.9	307.2	298.0	288.7	279.0
95°	353.7	349.2	344.0	337.5	330.2	322.9	314.8	306.5	297.4	287.8	278.2
97.5°	352.6	348.1	342.5	336.2	329.1	321.5	313.4	305.7	296.4	286.6	276.9
100°	350.3	345.5	340.1	334.2	327.4	319.8	311.6	303.4	294.4	285.0	274.6
102.5°	347.3	342.6	337.2	331.4	324.7	317.5	309.3	300.9	292.1	282.7	272.2
105°	343.2	338.8	333.6	327.3	320.8	314.0	306.0	298.0	289.2	280.1	269.8
107.5°	338.3	334.2	329.0	322.8	316.3	309.4	302.0	294.3	285.1	276.4	266.0
110°	333.2	328.7	323.9	317.6	311.0	304.1	297.0	289.2	280.6	271.6	261.2



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	327.0	322.5	317.5	311.8	305.5	298.9	291.8	284.1	275.6	266.3	256.3
115°	319.8	315.5	310.9	304.9	299.2	293.0	286.0	278.3	269.8	260.5	251.2
117.5°	312.0	308.6	303.5	297.9	292.3	286.2	279.2	271.5	263.3	254.6	245.4
120°	304.5	300.1	295.4	290.5	284.8	278.5	271.6	264.1	256.2	247.8	238.8
122.5°	295.2	291.1	286.9	282.0	276.5	270.4	263.6	256.4	248.8	240.6	231.8
125°	285.4	282.3	277.9	273.1	267.5	261.5	255.2	248.5	240.7	232.6	224.6
127.5°	275.4	272.1	268.1	263.2	258.0	252.7	246.0	239.3	232.4	223.9	215.7
130°	264.4	261.3	257.4	253.0	248.6	242.2	236.2	229.7	222.5	214.9	207.1
132.5°	252.6	249.8	246.0	241.8	236.9	231.5	226.1	219.6	212.7	206.0	198.1
135°	240.3	237.2	234.1	230.4	225.9	221.0	215.1	208.8	202.3	195.6	188.0
137.5°	227.8	225.5	222.5	218.5	214.8	209.0	203.3	197.6	191.5	184.8	178.0
140°	214.9	212.3	209.2	205.5	201.2	196.5	191.8	186.5	180.4	174.1	167.8
142.5°	201.3	198.6	195.6	192.7	188.4	184.2	179.4	174.1	168.7	163.0	156.5
145°	187.4	184.8	182.0	178.9	175.1	170.8	166.1	161.3	156.2	150.7	144.6
147.5°	172.6	170.4	167.7	164.3	160.7	156.9	152.8	148.2	143.3	138.1	132.6
150°	157.4	155.3	153.1	149.9	146.8	143.5	139.2	134.7	130.2	125.6	120.7
152.5°	142.6	140.5	138.1	135.5	132.4	128.8	125.4	121.0	117.0	112.8	108.2
155°	127.3	125.4	123.3	120.9	117.9	114.6	111.2	107.6	103.8	99.7	96.0
157.5°	111.5	109.8	107.7	105.4	102.8	100.0	97.0	93.8	90.5	86.9	83.3
160°	95.2	93.5	91.7	89.7	87.5	85.2	82.6	79.9	76.8	73.8	70.7
162.5°	79.4	77.7	76.1	74.4	72.8	70.9	68.7	66.4	63.9	61.4	58.8
165°	64.2	63.0	61.7	60.3	58.6	56.8	54.8	52.8	50.7	48.7	46.6
167.5°	49.1	48.1	47.1	45.8	44.5	43.1	41.7	40.1	38.5	36.8	35.0
170°	34.8	33.9	33.1	32.2	31.3	30.2	29.2	28.3	27.2	26.1	24.9
172.5°	22.1	21.6	21.0	20.4	19.8	19.0	18.2	17.6	16.8	16.2	15.6
175°	11.6	11.4	11.2	10.9	10.6	10.3	9.9	9.5	9.1	8.6	8.1
177.5°	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.6	3.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.5	2.4	2.2
5°	7.6	7.1	6.5	6.3	6.0	5.8	5.5	5.3	5.0	4.7	4.4
7.5°	14.9	14.2	13.5	12.7	11.9	11.1	10.2	9.8	9.5	9.1	8.7
10°	23.6	22.2	20.9	19.8	18.8	17.7	16.6	15.4	14.2	13.6	13.1
12.5°	33.4	31.8	30.0	28.2	26.3	24.7	23.3	21.9	20.3	18.8	17.8
15°	44.4	42.0	39.8	37.3	35.1	32.8	30.4	28.5	26.6	24.7	22.6
17.5°	56.5	53.2	50.1	46.9	43.9	41.2	38.3	35.3	33.0	30.8	28.6
20°	67.6	64.1	60.5	57.0	53.4	49.9	46.4	42.9	39.2	36.8	34.4
22.5°	79.6	75.5	71.2	66.6	62.7	58.9	54.9	50.9	46.8	43.1	40.5
25°	91.4	87.0	82.4	77.5	72.7	68.2	63.6	59.0	54.6	50.0	46.6
27.5°	103.5	98.5	93.2	87.7	82.6	77.3	72.0	66.6	61.5	56.7	52.4
30°	115.4	109.9	104.1	98.2	92.3	86.3	80.1	74.0	68.2	63.0	58.1
32.5°	126.7	120.6	114.3	108.0	102.0	95.5	88.4	81.6	74.9	69.0	63.5
35°	138.1	131.4	124.7	117.7	110.9	104.0	96.6	89.5	81.9	75.0	68.9
37.5°	149.4	142.4	135.3	127.8	120.4	112.2	104.4	96.6	88.8	81.1	74.6
40°	160.6	152.7	145.1	137.1	128.5	120.1	111.8	103.6	95.4	87.5	80.2
42.5°	170.8	162.7	154.2	145.7	136.9	128.0	119.2	110.4	101.5	93.0	85.0
45°	180.2	172.2	163.4	154.5	145.4	135.8	126.4	117.3	107.5	98.3	89.6
47.5°	189.4	181.1	172.2	163.6	153.7	143.6	133.1	123.7	113.4	103.4	94.2
50°	198.4	189.6	180.4	170.6	160.7	150.3	139.0	129.2	119.0	108.5	98.8
52.5°	207.1	197.7	187.9	177.7	167.3	156.7	145.1	134.6	124.2	113.1	103.1
55°	215.5	205.8	195.4	184.8	174.0	162.9	151.2	139.9	129.4	117.5	107.2
57.5°	222.7	213.1	203.2	191.8	180.6	168.9	156.9	145.1	134.0	121.9	111.0
60°	229.4	219.7	209.2	197.9	186.2	174.3	162.0	150.2	138.3	126.0	114.7
62.5°	235.5	225.6	215.1	203.4	191.3	179.5	166.6	154.5	142.2	129.6	117.9
65°	241.3	230.9	220.2	208.4	195.8	184.0	171.0	158.2	145.6	132.9	120.9
67.5°	246.1	235.6	224.7	212.9	200.2	188.0	175.0	161.6	148.5	135.8	123.6
70°	250.7	239.9	228.7	217.0	204.6	191.7	178.4	164.7	151.2	138.5	126.2
72.5°	255.2	244.0	232.4	220.6	208.3	195.0	181.3	167.7	153.9	140.8	127.8
75°	258.8	247.5	235.7	223.4	211.0	197.8	183.6	170.4	156.6	143.1	129.2
77.5°	261.6	250.5	238.5	225.8	213.0	200.2	185.8	172.6	158.1	144.7	130.6
80°	263.5	252.0	240.5	227.8	214.5	201.9	188.1	174.4	159.2	146.0	131.9
82.5°	265.1	253.5	242.1	229.6	216.2	203.4	189.0	175.6	160.6	146.9	133.6
85°	266.4	255.0	243.7	231.0	217.9	205.2	189.5	176.9	162.3	147.8	134.6
87.5°	267.2	255.6	244.0	231.8	218.3	204.7	189.8	177.2	162.1	147.8	134.6
90°	267.2	255.2	243.2	231.8	218.0	204.1	190.2	177.5	161.7	147.8	133.3
92.5°	267.2	255.6	244.0	231.8	218.3	204.7	189.8	177.2	162.1	147.8	134.0
95°	266.4	255.0	243.7	231.0	217.9	205.2	189.5	176.9	162.3	147.8	134.6
97.5°	265.1	253.5	242.1	229.6	216.2	203.4	189.0	175.6	160.6	146.9	133.6
100°	263.5	252.0	240.5	227.8	214.5	201.9	188.1	174.4	159.2	146.0	131.9
102.5°	261.6	250.5	238.5	225.8	213.0	200.2	185.8	172.6	158.1	144.7	130.6
105°	258.8	247.5	235.7	223.4	211.0	197.8	183.6	170.4	156.6	143.1	129.2
107.5°	255.2	244.0	232.4	220.6	208.3	195.0	181.3	167.7	153.9	140.8	127.8
110°	250.7	239.9	228.7	217.0	204.6	191.7	178.4	164.7	151.2	138.5	126.2



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	246.1	235.6	224.7	212.9	200.2	188.0	175.0	161.6	148.5	135.8	123.6
115°	241.3	230.9	220.2	208.4	195.8	184.0	171.0	158.2	145.6	132.9	120.9
117.5°	235.5	225.6	215.1	203.4	191.3	179.5	166.6	154.5	142.2	129.6	117.9
120°	229.4	219.7	209.2	197.9	186.2	174.3	162.0	150.2	138.3	126.0	114.7
122.5°	222.7	213.1	203.2	191.8	180.6	168.9	156.9	145.1	134.0	121.9	111.0
125°	215.5	205.8	195.4	184.8	174.0	162.9	151.2	139.9	129.4	117.5	107.2
127.5°	207.1	197.7	187.9	177.7	167.3	156.7	145.1	134.6	124.2	113.1	103.1
130°	198.4	189.6	180.4	170.6	160.7	150.3	139.0	129.2	119.0	108.5	98.8
132.5°	189.4	181.1	172.2	163.6	153.7	143.6	133.1	123.7	113.4	103.4	94.2
135°	180.2	172.2	163.4	154.5	145.4	135.8	126.4	117.3	107.5	98.3	89.6
137.5°	170.8	162.7	154.2	145.7	136.9	128.0	119.2	110.4	101.5	93.0	85.0
140°	160.6	152.7	145.1	137.1	128.5	120.1	111.8	103.6	95.4	87.5	80.2
142.5°	149.4	142.4	135.3	127.8	120.4	112.2	104.4	96.6	88.8	81.1	74.6
145°	138.1	131.4	124.7	117.7	110.9	104.0	96.6	89.5	81.9	75.0	68.9
147.5°	126.7	120.6	114.3	108.0	102.0	95.5	88.4	81.6	74.9	69.0	63.5
150°	115.4	109.9	104.1	98.2	92.3	86.3	80.1	74.0	68.2	63.0	58.1
152.5°	103.5	98.5	93.2	87.7	82.6	77.3	72.0	66.6	61.5	56.7	52.4
155°	91.4	87.0	82.4	77.5	72.7	68.2	63.6	59.0	54.6	50.0	46.6
157.5°	79.6	75.5	71.2	66.6	62.7	58.9	54.9	50.9	46.8	43.1	40.5
160°	67.6	64.1	60.5	57.0	53.4	49.9	46.4	42.9	39.2	36.8	34.4
162.5°	56.5	53.2	50.1	46.9	43.9	41.2	38.3	35.3	33.0	30.8	28.6
165°	44.4	42.0	39.8	37.3	35.1	32.8	30.4	28.5	26.6	24.7	22.6
167.5°	33.4	31.8	30.0	28.2	26.3	24.7	23.3	21.9	20.3	18.8	17.8
170°	23.6	22.2	20.9	19.8	18.8	17.7	16.6	15.4	14.2	13.6	13.1
172.5°	14.9	14.2	13.5	12.7	11.9	11.1	10.2	9.8	9.5	9.1	8.7
175°	7.6	7.1	6.5	6.3	6.0	5.8	5.5	5.3	5.0	4.7	4.4
177.5°	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.5	2.4	2.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	2.1	1.9	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
5°	4.1	3.8	3.5	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
7.5°	8.3	7.9	7.4	7.0	6.9	6.8	6.6	6.5	6.3	6.2	6.0
10°	12.5	12.0	11.3	10.7	10.5	10.2	10.0	9.7	9.4	9.1	8.8
12.5°	17.1	16.4	15.6	14.9	14.6	14.4	14.1	13.7	13.3	13.0	12.6
15°	21.7	20.8	19.9	19.0	18.8	18.5	18.2	17.9	17.5	17.1	16.6
17.5°	26.8	25.8	24.8	23.7	23.4	23.0	22.6	22.2	21.7	21.2	20.7
20°	32.1	30.9	29.7	28.4	28.0	27.5	26.9	26.4	25.9	25.4	24.6
22.5°	37.8	35.8	34.4	32.9	32.3	31.8	31.2	30.7	30.2	29.4	28.5
25°	43.5	40.9	39.1	37.3	36.7	36.1	35.5	35.0	34.3	33.4	32.4
27.5°	48.9	45.6	43.7	41.7	41.1	40.4	39.7	39.1	38.3	37.4	36.4
30°	54.2	50.3	48.3	46.1	45.5	44.7	43.9	43.0	42.3	41.5	40.3
32.5°	59.0	54.8	52.4	50.2	49.5	48.7	47.8	46.9	46.1	45.2	44.0
35°	63.6	59.1	56.4	54.3	53.6	52.7	51.8	50.8	49.7	48.6	47.4
37.5°	68.6	63.8	60.6	58.1	57.3	56.4	55.5	54.4	53.3	52.1	50.8
40°	73.5	68.5	64.7	61.9	61.0	60.1	59.1	58.0	56.8	55.6	54.3
42.5°	77.7	72.4	68.3	65.4	64.5	63.5	62.5	61.4	60.2	59.0	57.5
45°	81.9	76.3	72.0	68.9	67.9	66.9	65.8	64.7	63.5	62.0	60.3
47.5°	86.3	80.0	75.3	72.1	71.1	70.0	68.9	67.8	66.5	64.9	63.1
50°	90.7	83.8	78.5	75.2	74.2	73.1	72.0	70.8	69.5	67.8	65.9
52.5°	94.3	87.0	81.5	78.1	76.8	75.6	74.6	73.5	72.0	70.3	68.4
55°	97.8	90.0	84.5	80.9	79.3	78.1	77.2	76.1	74.4	72.5	70.7
57.5°	101.2	92.9	87.1	83.4	81.8	80.5	79.5	78.3	76.7	74.8	72.9
60°	104.5	95.8	89.7	85.9	84.2	83.0	81.8	80.5	79.0	77.1	75.2
62.5°	107.4	98.2	91.7	88.1	86.4	84.9	83.9	82.5	80.9	79.0	77.0
65°	110.3	100.7	93.7	90.3	88.6	86.8	85.9	84.4	82.6	80.7	78.6
67.5°	112.6	102.6	95.7	91.9	90.1	88.6	87.3	85.9	84.1	82.2	80.0
70°	114.7	104.5	97.6	93.5	91.7	90.4	88.7	87.3	85.6	83.7	81.4
72.5°	116.5	106.0	99.3	94.8	92.9	91.7	89.9	88.6	86.8	84.7	82.5
75°	118.2	107.5	101.1	96.0	94.2	93.0	91.1	89.8	88.0	85.6	83.5
77.5°	119.2	108.6	101.4	97.0	94.8	93.5	92.0	90.5	88.6	86.4	84.3
80°	120.2	109.9	101.7	97.9	95.4	94.1	92.9	91.1	89.2	87.2	84.8
82.5°	121.0	110.5	102.3	98.3	96.1	94.8	93.2	91.6	89.5	87.6	85.1
85°	121.3	111.2	103.0	98.6	96.7	95.4	93.5	92.2	89.7	87.8	85.3
87.5°	121.6	110.9	103.0	98.9	96.7	95.4	93.8	92.2	90.0	88.1	85.6
90°	121.9	110.6	103.0	99.2	96.7	95.4	94.1	92.2	90.3	88.4	85.9
92.5°	121.6	110.9	103.0	98.9	96.7	95.4	93.8	92.2	90.0	88.1	85.6
95°	121.3	111.2	103.0	98.6	96.7	95.4	93.5	92.2	89.7	87.8	85.3
97.5°	121.0	110.5	102.3	98.3	96.1	94.8	93.2	91.6	89.5	87.6	85.1
100°	120.2	109.9	101.7	97.9	95.4	94.1	92.9	91.1	89.2	87.2	84.8
102.5°	119.2	108.6	101.4	97.0	94.8	93.5	92.0	90.5	88.6	86.4	84.3
105°	118.2	107.5	101.1	96.0	94.2	93.0	91.1	89.8	88.0	85.6	83.5
107.5°	116.5	106.0	99.3	94.8	92.9	91.7	89.9	88.6	86.8	84.7	82.5
110°	114.7	104.5	97.6	93.5	91.7	90.4	88.7	87.3	85.6	83.7	81.4



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	112.6	102.6	95.7	91.9	90.1	88.6	87.3	85.9	84.1	82.2	80.0
115°	110.3	100.7	93.7	90.3	88.6	86.8	85.9	84.4	82.6	80.7	78.6
117.5°	107.4	98.2	91.7	88.1	86.4	84.9	83.9	82.5	80.9	79.0	77.0
120°	104.5	95.8	89.7	85.9	84.2	83.0	81.8	80.5	79.0	77.1	75.2
122.5°	101.2	92.9	87.1	83.4	81.8	80.5	79.5	78.3	76.7	74.8	72.9
125°	97.8	90.0	84.5	80.9	79.3	78.1	77.2	76.1	74.4	72.5	70.7
127.5°	94.3	87.0	81.5	78.1	76.8	75.6	74.6	73.5	72.0	70.3	68.4
130°	90.7	83.8	78.5	75.2	74.2	73.1	72.0	70.8	69.5	67.8	65.9
132.5°	86.3	80.0	75.3	72.1	71.1	70.0	68.9	67.8	66.5	64.9	63.1
135°	81.9	76.3	72.0	68.9	67.9	66.9	65.8	64.7	63.5	62.0	60.3
137.5°	77.7	72.4	68.3	65.4	64.5	63.5	62.5	61.4	60.2	59.0	57.5
140°	73.5	68.5	64.7	61.9	61.0	60.1	59.1	58.0	56.8	55.6	54.3
142.5°	68.6	63.8	60.6	58.1	57.3	56.4	55.5	54.4	53.3	52.1	50.8
145°	63.6	59.1	56.4	54.3	53.6	52.7	51.8	50.8	49.7	48.6	47.4
147.5°	59.0	54.8	52.4	50.2	49.5	48.7	47.8	46.9	46.1	45.2	44.0
150°	54.2	50.3	48.3	46.1	45.5	44.7	43.9	43.0	42.3	41.5	40.3
152.5°	48.9	45.6	43.7	41.7	41.1	40.4	39.7	39.1	38.3	37.4	36.4
155°	43.5	40.9	39.1	37.3	36.7	36.1	35.5	35.0	34.3	33.4	32.4
157.5°	37.8	35.8	34.4	32.9	32.3	31.8	31.2	30.7	30.2	29.4	28.5
160°	32.1	30.9	29.7	28.4	28.0	27.5	26.9	26.4	25.9	25.4	24.6
162.5°	26.8	25.8	24.8	23.7	23.4	23.0	22.6	22.2	21.7	21.2	20.7
165°	21.7	20.8	19.9	19.0	18.8	18.5	18.2	17.9	17.5	17.1	16.6
167.5°	17.1	16.4	15.6	14.9	14.6	14.4	14.1	13.7	13.3	13.0	12.6
170°	12.5	12.0	11.3	10.7	10.5	10.2	10.0	9.7	9.4	9.1	8.8
172.5°	8.3	7.9	7.4	6.9	6.9	6.8	6.6	6.5	6.3	6.2	6.0
175°	4.1	3.8	3.5	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
177.5°	2.1	1.9	1.8	1.6	1.6	1.6	1.6	1.6	1.6	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: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
5°	3.0	3.0	2.9	2.8	2.8	2.7	2.5	2.4	2.3	2.2	2.1
7.5°	5.8	5.5	5.3	5.0	4.7	4.5	4.2	3.8	3.5	3.2	2.9
10°	8.5	8.2	7.9	7.5	7.1	6.9	6.6	6.2	5.9	5.5	5.2
12.5°	12.1	11.7	11.2	10.8	10.3	9.8	9.3	8.8	8.2	7.7	7.2
15°	16.2	15.6	15.1	14.5	13.9	13.1	12.4	11.6	10.8	10.0	9.2
17.5°	20.1	19.4	18.7	17.9	17.0	16.0	15.0	14.2	13.4	12.5	11.6
20°	23.8	23.0	22.1	21.2	20.3	19.2	18.2	17.2	16.1	15.0	14.0
22.5°	27.5	26.7	25.8	24.8	23.6	22.5	21.3	20.2	19.0	17.8	16.5
25°	31.4	30.4	29.3	28.2	27.0	25.8	24.5	23.2	21.8	20.3	18.9
27.5°	35.2	34.0	33.0	31.9	30.5	29.1	27.7	26.1	24.5	22.9	21.4
30°	39.1	37.9	36.6	35.3	33.8	32.3	30.6	28.9	27.2	25.6	23.8
32.5°	42.8	41.5	40.1	38.6	37.1	35.4	33.6	31.7	29.8	28.0	26.1
35°	46.1	44.7	43.3	41.8	40.1	38.4	36.3	34.3	32.5	30.5	28.5
37.5°	49.5	48.0	46.5	44.6	42.8	41.0	39.0	37.0	35.1	33.1	30.9
40°	52.8	51.1	49.4	47.5	45.7	43.8	41.6	39.5	37.6	35.3	32.9
42.5°	55.9	54.0	52.4	50.6	48.5	46.3	44.1	42.1	39.8	37.4	35.0
45°	58.5	56.8	55.3	53.2	51.1	48.9	46.6	44.4	42.0	39.5	36.9
47.5°	61.2	59.6	57.9	55.8	53.6	51.2	48.7	46.5	44.2	41.6	38.7
50°	64.0	62.2	60.2	58.1	55.9	53.3	50.8	48.4	45.8	43.2	40.3
52.5°	66.5	64.6	62.5	60.1	57.7	55.3	52.8	50.1	47.4	44.9	42.0
55°	68.7	66.7	64.6	62.0	59.8	57.3	54.5	51.7	49.3	46.4	43.5
57.5°	70.8	68.9	66.6	64.1	61.9	59.1	56.3	53.6	51.0	47.6	44.6
60°	72.8	70.7	68.3	65.9	63.5	60.8	58.1	55.0	52.0	48.8	45.8
62.5°	74.5	72.6	70.1	67.5	64.9	62.2	59.3	56.1	53.3	50.0	46.9
65°	76.2	74.2	71.6	69.0	66.3	63.5	60.5	57.4	54.4	51.0	47.9
67.5°	77.8	75.6	73.1	70.5	67.8	64.6	61.7	58.6	55.4	52.1	48.7
70°	79.2	76.9	74.2	71.4	68.7	65.6	62.9	59.7	56.4	53.0	49.6
72.5°	80.4	78.0	75.2	72.4	69.5	66.5	63.7	60.4	57.1	53.7	50.4
75°	81.2	78.7	76.0	73.2	70.3	67.4	64.4	61.1	57.7	54.1	50.6
77.5°	81.8	79.3	76.8	73.8	71.1	68.1	65.0	61.4	57.9	54.4	50.9
80°	82.3	79.8	77.2	74.2	71.5	68.5	65.0	61.6	58.3	54.7	51.2
82.5°	82.8	80.1	77.5	74.4	71.8	68.8	65.0	61.8	58.7	55.0	51.2
85°	83.4	80.3	77.7	74.6	72.0	68.9	65.2	62.0	58.8	55.1	51.2
87.5°	83.4	80.2	77.7	74.8	72.0	68.9	65.4	62.0	58.9	55.1	51.3
90°	83.4	80.2	77.7	75.2	72.0	68.9	65.7	61.9	58.8	55.0	51.2
92.5°	83.4	80.2	77.7	74.8	72.0	68.9	65.4	62.0	58.9	55.1	51.3
95°	83.4	80.3	77.7	74.6	72.0	68.9	65.2	62.0	58.8	55.1	51.2
97.5°	82.8	80.1	77.5	74.4	71.8	68.8	65.0	61.8	58.7	55.0	51.2
100°	82.3	79.8	77.2	74.2	71.5	68.5	65.0	61.6	58.3	54.7	51.2
102.5°	81.8	79.3	76.8	73.8	71.1	68.1	65.0	61.4	57.9	54.4	50.9
105°	81.2	78.7	76.0	73.2	70.3	67.4	64.4	61.1	57.7	54.1	50.6
107.5°	80.4	78.0	75.2	72.4	69.5	66.5	63.7	60.4	57.1	53.7	50.4
110°	79.2	76.9	74.2	71.4	68.7	65.6	62.9	59.7	56.4	53.0	49.6



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	77.8	75.6	73.1	70.5	67.8	64.6	61.7	58.6	55.4	52.1	48.7
115°	76.2	74.2	71.6	69.0	66.3	63.5	60.5	57.4	54.4	51.0	47.9
117.5°	74.5	72.6	70.1	67.5	64.9	62.2	59.3	56.1	53.3	50.0	46.9
120°	72.8	70.7	68.3	65.9	63.5	60.8	58.1	55.0	52.0	48.8	45.8
122.5°	70.8	68.9	66.6	64.1	61.9	59.1	56.3	53.6	51.0	47.6	44.6
125°	68.7	66.7	64.6	62.0	59.8	57.3	54.5	51.7	49.3	46.4	43.5
127.5°	66.5	64.6	62.5	60.1	57.7	55.3	52.8	50.1	47.4	44.9	42.0
130°	64.0	62.2	60.2	58.1	55.9	53.3	50.8	48.4	45.8	43.2	40.3
132.5°	61.2	59.6	57.9	55.8	53.6	51.2	48.7	46.5	44.2	41.6	38.7
135°	58.5	56.8	55.3	53.2	51.1	48.9	46.6	44.4	42.0	39.5	36.9
137.5°	55.9	54.0	52.4	50.6	48.5	46.3	44.1	42.1	39.8	37.4	35.0
140°	52.8	51.1	49.4	47.5	45.7	43.8	41.6	39.5	37.6	35.3	32.9
142.5°	49.5	48.0	46.5	44.6	42.8	41.0	39.0	37.0	35.1	33.1	30.9
145°	46.1	44.7	43.3	41.8	40.1	38.4	36.3	34.3	32.5	30.5	28.5
147.5°	42.8	41.5	40.1	38.6	37.1	35.4	33.6	31.7	29.8	28.0	26.1
150°	39.1	37.9	36.6	35.3	33.8	32.3	30.6	28.9	27.2	25.6	23.8
152.5°	35.2	34.0	33.0	31.9	30.5	29.1	27.7	26.1	24.5	22.9	21.4
155°	31.4	30.4	29.3	28.2	27.0	25.8	24.5	23.2	21.8	20.3	18.9
157.5°	27.5	26.7	25.8	24.8	23.6	22.5	21.3	20.2	19.0	17.8	16.5
160°	23.8	23.0	22.1	21.2	20.3	19.2	18.2	17.2	16.1	15.0	14.0
162.5°	20.1	19.4	18.7	17.9	17.0	16.0	15.0	14.2	13.4	12.5	11.6
165°	16.2	15.6	15.1	14.5	13.9	13.1	12.4	11.6	10.8	10.0	9.2
167.5°	12.1	11.7	11.2	10.8	10.3	9.8	9.3	8.8	8.2	7.7	7.2
170°	8.5	8.2	7.9	7.5	7.1	6.9	6.6	6.2	5.9	5.5	5.2
172.5°	5.8	5.5	5.3	5.0	4.7	4.5	4.2	3.8	3.5	3.2	2.9
175°	3.0	3.0	2.9	2.8	2.8	2.7	2.5	2.4	2.3	2.2	2.1
177.5°	1.5	1.5	1.5	1.4	1.4	1.3	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: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
5°	1.9	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.8
7.5°	2.5	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
10°	4.8	4.3	3.9	3.5	3.0	2.5	2.3	2.1	1.9	1.7	1.5
12.5°	6.6	6.1	5.6	5.0	4.4	3.8	3.2	2.6	2.1	1.8	1.6
15°	8.4	7.6	6.9	6.2	5.5	4.9	4.2	3.6	2.9	2.2	1.8
17.5°	10.6	9.7	8.9	8.0	7.2	6.4	5.5	4.6	3.8	2.9	2.0
20°	12.9	11.9	10.8	9.7	8.6	7.4	6.3	5.4	4.5	3.5	2.6
22.5°	15.2	13.9	12.7	11.4	10.1	8.8	7.5	6.2	5.2	4.2	3.3
25°	17.5	16.1	14.7	13.2	11.8	10.3	8.8	7.3	5.9	4.9	3.9
27.5°	19.9	18.3	16.6	15.0	13.4	11.8	10.3	8.8	7.2	5.5	4.4
30°	22.0	20.1	18.5	16.8	15.1	13.2	11.2	9.5	7.9	6.3	4.7
32.5°	24.2	22.4	20.5	18.4	16.4	14.3	12.3	10.3	8.7	6.9	5.2
35°	26.4	24.3	22.2	20.0	17.8	15.6	13.6	11.7	9.6	7.7	5.9
37.5°	28.5	26.2	23.9	21.7	19.4	17.2	15.1	12.8	10.6	8.5	6.6
40°	30.6	28.3	25.8	23.4	21.0	18.6	16.1	13.7	11.3	8.9	6.8
42.5°	32.6	30.0	27.4	24.8	22.3	19.7	17.1	14.5	12.0	9.6	7.3
45°	34.3	31.6	28.9	26.1	23.6	20.8	18.1	15.4	12.7	10.0	7.5
47.5°	36.0	33.3	30.6	27.8	25.0	22.0	19.2	16.4	13.5	10.5	8.0
50°	37.7	34.8	32.0	28.9	25.8	23.0	20.1	17.1	14.0	11.0	8.3
52.5°	39.1	36.0	32.9	29.8	26.9	23.9	20.8	17.7	14.4	11.2	8.5
55°	40.4	37.2	34.1	31.2	28.0	24.9	21.5	18.2	14.8	11.5	8.7
57.5°	41.6	38.5	35.3	32.2	28.9	25.4	22.0	18.5	15.1	12.0	8.9
60°	42.9	39.4	36.3	33.1	29.7	26.2	22.6	18.8	15.4	12.2	9.1
62.5°	43.7	40.2	37.2	33.8	30.4	26.7	22.8	19.1	15.5	12.1	9.3
65°	44.5	41.1	37.7	34.2	31.0	27.1	23.2	19.4	15.6	12.1	9.2
67.5°	45.2	41.8	38.2	34.7	31.3	27.8	23.9	19.5	15.6	12.1	9.2
70°	46.0	42.5	39.0	35.3	31.5	27.9	24.0	19.7	15.6	11.9	8.8
72.5°	46.6	43.1	39.4	35.7	32.0	28.2	24.0	19.6	15.6	12.0	8.9
75°	46.9	43.6	39.7	36.2	31.9	28.5	24.5	19.9	15.6	11.9	8.3
77.5°	47.3	43.8	39.9	36.1	32.0	28.3	24.4	20.2	15.5	11.4	8.1
80°	47.6	43.8	39.9	36.1	32.2	28.3	24.3	20.3	15.8	11.4	7.6
82.5°	47.4	43.6	39.9	36.0	32.2	28.0	24.0	20.2	16.1	11.6	7.7
85°	47.4	43.7	39.8	35.9	31.7	27.8	23.9	19.8	16.0	11.8	7.4
87.5°	47.5	43.7	39.9	35.5	31.7	27.9	24.1	19.7	15.4	11.6	7.9
90°	47.4	43.6	39.8	35.4	31.6	27.8	23.4	19.0	15.2	11.4	6.9
92.5°	47.5	43.7	39.9	35.5	31.7	27.9	24.1	19.7	15.4	11.6	7.9
95°	47.4	43.7	39.8	35.9	31.7	27.8	23.9	19.8	16.0	11.8	7.4
97.5°	47.4	43.6	39.9	36.0	32.2	28.0	24.0	20.2	16.1	11.6	7.7
100°	47.6	43.8	39.9	36.1	32.2	28.3	24.3	20.3	15.8	11.4	7.6
102.5°	47.3	43.8	39.9	36.1	32.0	28.3	24.4	20.2	15.5	11.4	8.1
105°	46.9	43.6	39.7	36.2	31.9	28.5	24.5	19.9	15.6	11.9	8.3
107.5°	46.6	43.1	39.4	35.7	32.0	28.2	24.0	19.6	15.6	12.0	8.9
110°	46.0	42.5	39.0	35.3	31.5	27.9	24.0	19.7	15.6	11.9	8.8



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	45.2	41.8	38.2	34.7	31.3	27.8	23.9	19.5	15.6	12.1	9.2
115°	44.5	41.1	37.7	34.2	31.0	27.1	23.2	19.4	15.6	12.1	9.2
117.5°	43.7	40.2	37.2	33.8	30.4	26.7	22.8	19.1	15.5	12.1	9.3
120°	42.9	39.4	36.3	33.1	29.7	26.2	22.6	18.8	15.4	12.2	9.1
122.5°	41.6	38.5	35.3	32.2	28.9	25.4	22.0	18.5	15.1	12.0	8.9
125°	40.4	37.2	34.1	31.2	28.0	24.9	21.5	18.2	14.8	11.5	8.7
127.5°	39.1	36.0	32.9	29.8	26.9	23.9	20.8	17.7	14.4	11.2	8.5
130°	37.7	34.8	32.0	28.9	25.8	23.0	20.1	17.1	14.0	11.0	8.3
132.5°	36.0	33.3	30.6	27.8	25.0	22.0	19.2	16.4	13.5	10.5	8.0
135°	34.3	31.6	28.9	26.1	23.6	20.8	18.1	15.4	12.7	10.0	7.5
137.5°	32.6	30.0	27.4	24.8	22.3	19.7	17.1	14.5	12.0	9.6	7.3
140°	30.6	28.3	25.8	23.4	21.0	18.6	16.1	13.7	11.3	8.9	6.8
142.5°	28.5	26.2	23.9	21.7	19.4	17.2	15.1	12.8	10.6	8.5	6.6
145°	26.4	24.3	22.2	20.0	17.8	15.6	13.6	11.7	9.6	7.7	5.9
147.5°	24.2	22.4	20.5	18.4	16.4	14.3	12.3	10.3	8.7	6.9	5.2
150°	22.0	20.1	18.5	16.8	15.1	13.2	11.2	9.5	7.9	6.3	4.7
152.5°	19.9	18.3	16.6	15.0	13.4	11.8	10.3	8.8	7.2	5.5	4.4
155°	17.5	16.1	14.7	13.2	11.8	10.3	8.8	7.3	5.9	4.9	3.9
157.5°	15.2	13.9	12.7	11.4	10.1	8.8	7.5	6.2	5.2	4.2	3.3
160°	12.9	11.9	10.8	9.7	8.6	7.4	6.3	5.4	4.5	3.5	2.6
162.5°	10.6	9.7	8.9	8.0	7.2	6.4	5.5	4.6	3.8	2.9	2.0
165°	8.4	7.6	6.9	6.2	5.5	4.9	4.2	3.6	2.9	2.2	1.8
167.5°	6.6	6.1	5.6	5.0	4.4	3.8	3.2	2.6	2.1	1.8	1.6
170°	4.8	4.3	3.9	3.5	3.0	2.5	2.3	2.1	1.9	1.7	1.5
172.5°	2.5	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
175°	1.9	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.8
177.5°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
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: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.3
5°	0.7	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
7.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
10°	1.3	1.1	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
12.5°	1.3	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°	1.4	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
20°	1.7	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
22.5°	2.3	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
25°	3.0	2.0	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
27.5°	3.3	2.1	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
30°	3.5	2.3	1.2	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.2
32.5°	3.7	2.5	1.5	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.5
35°	4.1	2.9	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
37.5°	4.7	3.1	2.0	1.0	0.5	0.2	0.0	0.2	0.5	1.0	2.0
40°	4.9	3.1	2.0	1.1	0.5	0.3	0.0	0.3	0.5	1.1	2.0
42.5°	5.1	3.2	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.8	1.7
45°	5.2	3.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.8
47.5°	5.6	3.7	2.0	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.0
50°	5.9	3.9	2.2	1.0	0.2	0.0	0.0	0.0	0.2	1.0	2.2
52.5°	6.1	3.9	2.1	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.1
55°	6.0	3.7	1.9	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.9
57.5°	6.0	3.7	1.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.7
60°	6.2	4.0	2.0	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.0
62.5°	6.4	3.8	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.9
65°	6.3	3.9	1.9	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.9
67.5°	6.3	3.8	1.8	0.8	0.2	0.0	0.6	0.0	0.2	0.8	1.8
70°	6.3	3.9	2.0	0.6	0.1	0.0	0.6	0.0	0.1	0.6	2.0
72.5°	5.8	3.5	1.8	0.7	0.0	0.2	0.6	0.2	0.0	0.7	1.8
75°	5.6	3.3	1.8	0.5	0.0	0.1	0.6	0.1	0.0	0.5	1.8
77.5°	5.6	3.2	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.5
80°	5.0	2.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	4.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.0	2.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	5.6	3.2	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.5
105°	5.6	3.3	1.8	0.5	0.0	0.1	0.6	0.1	0.0	0.5	1.8
107.5°	5.8	3.5	1.8	0.7	0.0	0.2	0.6	0.2	0.0	0.7	1.8
110°	6.3	3.9	2.0	0.6	0.1	0.0	0.6	0.0	0.1	0.6	2.0



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	6.3	3.8	1.8	0.8	0.2	0.0	0.6	0.0	0.2	0.8	1.8
115°	6.3	3.9	1.9	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.9
117.5°	6.4	3.8	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.9
120°	6.2	4.0	2.0	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.0
122.5°	6.0	3.7	1.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.7
125°	6.0	3.7	1.9	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.9
127.5°	6.1	3.9	2.1	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.1
130°	5.9	3.9	2.2	1.0	0.2	0.0	0.0	0.0	0.2	1.0	2.2
132.5°	5.6	3.7	2.0	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.0
135°	5.2	3.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.8
137.5°	5.1	3.2	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.8	1.7
140°	4.9	3.1	2.0	1.1	0.5	0.3	0.0	0.3	0.5	1.1	2.0
142.5°	4.7	3.1	2.0	1.0	0.5	0.2	0.0	0.2	0.5	1.0	2.0
145°	4.1	2.9	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
147.5°	3.7	2.5	1.5	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.5
150°	3.5	2.3	1.2	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.2
152.5°	3.3	2.1	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
155°	3.0	2.0	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
157.5°	2.3	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
160°	1.7	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
162.5°	1.4	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
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°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
170°	1.3	1.1	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
172.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
175°	0.7	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
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: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9	0.9	1.0
5°	0.5	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7
7.5°	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3
10°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	3.0	3.5	3.9
12.5°	1.1	1.3	1.6	1.8	2.1	2.6	3.2	3.8	4.4	5.0	5.6
15°	1.3	1.5	1.8	2.2	2.9	3.6	4.2	4.9	5.5	6.2	6.9
17.5°	1.1	1.4	2.0	2.9	3.8	4.6	5.5	6.4	7.2	8.0	8.9
20°	1.2	1.7	2.6	3.5	4.5	5.4	6.3	7.4	8.6	9.7	10.8
22.5°	1.4	2.3	3.3	4.2	5.2	6.2	7.5	8.8	10.1	11.4	12.7
25°	2.0	3.0	3.9	4.9	5.9	7.3	8.8	10.3	11.8	13.2	14.7
27.5°	2.1	3.3	4.4	5.5	7.2	8.8	10.3	11.8	13.4	15.0	16.6
30°	2.3	3.5	4.7	6.3	7.9	9.5	11.2	13.2	15.1	16.8	18.5
32.5°	2.5	3.7	5.2	6.9	8.7	10.3	12.3	14.3	16.4	18.4	20.5
35°	2.9	4.1	5.9	7.7	9.6	11.7	13.6	15.6	17.8	20.0	22.2
37.5°	3.1	4.7	6.6	8.5	10.6	12.8	15.1	17.2	19.4	21.7	23.9
40°	3.1	4.9	6.8	8.9	11.3	13.7	16.1	18.6	21.0	23.4	25.8
42.5°	3.2	5.1	7.3	9.6	12.0	14.5	17.1	19.7	22.3	24.8	27.4
45°	3.5	5.2	7.5	10.0	12.7	15.4	18.1	20.8	23.6	26.1	28.9
47.5°	3.7	5.6	8.0	10.5	13.5	16.4	19.2	22.0	25.0	27.8	30.6
50°	3.9	5.9	8.3	11.0	14.0	17.1	20.1	23.0	25.8	28.9	32.0
52.5°	3.9	6.1	8.5	11.2	14.4	17.7	20.8	23.9	26.9	29.8	32.9
55°	3.7	6.0	8.7	11.5	14.8	18.2	21.5	24.9	28.0	31.2	34.1
57.5°	3.7	6.0	8.9	12.0	15.1	18.5	22.0	25.4	28.9	32.2	35.3
60°	4.0	6.2	9.1	12.2	15.4	18.8	22.6	26.2	29.7	33.1	36.3
62.5°	3.8	6.4	9.3	12.1	15.5	19.1	22.8	26.7	30.4	33.8	37.2
65°	3.9	6.3	9.2	12.1	15.6	19.4	23.2	27.1	31.0	34.2	37.7
67.5°	3.8	6.3	9.2	12.1	15.6	19.5	23.9	27.8	31.3	34.7	38.2
70°	3.9	6.3	8.8	11.9	15.6	19.7	24.0	27.9	31.5	35.3	39.0
72.5°	3.5	5.8	8.9	12.0	15.6	19.6	24.0	28.2	32.0	35.7	39.4
75°	3.3	5.6	8.3	11.9	15.6	19.9	24.5	28.5	31.9	36.2	39.7
77.5°	3.2	5.6	8.1	11.4	15.5	20.2	24.4	28.3	32.0	36.1	39.9
80°	2.7	5.0	7.6	11.4	15.8	20.3	24.3	28.3	32.2	36.1	39.9
82.5°	1.6	4.5	7.7	11.6	16.1	20.2	24.0	28.0	32.2	36.0	39.9
85°	0.9	3.8	7.4	11.8	16.0	19.8	23.9	27.8	31.7	35.9	39.8
87.5°	0.4	4.1	7.9	11.6	15.4	19.7	24.1	27.9	31.7	35.5	39.9
90°	0.0	3.8	6.9	11.4	15.2	19.0	23.4	27.8	31.6	35.4	39.8
92.5°	0.4	4.1	7.9	11.6	15.4	19.7	24.1	27.9	31.7	35.5	39.9
95°	0.9	3.8	7.4	11.8	16.0	19.8	23.9	27.8	31.7	35.9	39.8
97.5°	1.6	4.5	7.7	11.6	16.1	20.2	24.0	28.0	32.2	36.0	39.9
100°	2.7	5.0	7.6	11.4	15.8	20.3	24.3	28.3	32.2	36.1	39.9
102.5°	3.2	5.6	8.1	11.4	15.5	20.2	24.4	28.3	32.0	36.1	39.9
105°	3.3	5.6	8.3	11.9	15.6	19.9	24.5	28.5	31.9	36.2	39.7
107.5°	3.5	5.8	8.9	12.0	15.6	19.6	24.0	28.2	32.0	35.7	39.4
110°	3.9	6.3	8.8	11.9	15.6	19.7	24.0	27.9	31.5	35.3	39.0



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	3.8	6.3	9.2	12.1	15.6	19.5	23.9	27.8	31.3	34.7	38.2
115°	3.9	6.3	9.2	12.1	15.6	19.4	23.2	27.1	31.0	34.2	37.7
117.5°	3.8	6.4	9.3	12.1	15.5	19.1	22.8	26.7	30.4	33.8	37.2
120°	4.0	6.2	9.1	12.2	15.4	18.8	22.6	26.2	29.7	33.1	36.3
122.5°	3.7	6.0	8.9	12.0	15.1	18.5	22.0	25.4	28.9	32.2	35.3
125°	3.7	6.0	8.7	11.5	14.8	18.2	21.5	24.9	28.0	31.2	34.1
127.5°	3.9	6.1	8.5	11.2	14.4	17.7	20.8	23.9	26.9	29.8	32.9
130°	3.9	5.9	8.3	11.0	14.0	17.1	20.1	23.0	25.8	28.9	32.0
132.5°	3.7	5.6	8.0	10.5	13.5	16.4	19.2	22.0	25.0	27.8	30.6
135°	3.5	5.2	7.5	10.0	12.7	15.4	18.1	20.8	23.6	26.1	28.9
137.5°	3.2	5.1	7.3	9.6	12.0	14.5	17.1	19.7	22.3	24.8	27.4
140°	3.1	4.9	6.8	8.9	11.3	13.7	16.1	18.6	21.0	23.4	25.8
142.5°	3.1	4.7	6.6	8.5	10.6	12.8	15.1	17.2	19.4	21.7	23.9
145°	2.9	4.1	5.9	7.7	9.6	11.7	13.6	15.6	17.8	20.0	22.2
147.5°	2.5	3.7	5.2	6.9	8.7	10.3	12.3	14.3	16.4	18.4	20.5
150°	2.3	3.5	4.7	6.3	7.9	9.5	11.2	13.2	15.1	16.8	18.5
152.5°	2.1	3.3	4.4	5.5	7.2	8.8	10.3	11.8	13.4	15.0	16.6
155°	2.0	3.0	3.9	4.9	5.9	7.3	8.8	10.3	11.8	13.2	14.7
157.5°	1.4	2.3	3.3	4.2	5.2	6.2	7.5	8.8	10.1	11.4	12.7
160°	1.2	1.7	2.6	3.5	4.5	5.4	6.3	7.4	8.6	9.7	10.8
162.5°	1.1	1.4	2.0	2.9	3.8	4.6	5.5	6.4	7.2	8.0	8.9
165°	1.3	1.5	1.8	2.2	2.9	3.6	4.2	4.9	5.5	6.2	6.9
167.5°	1.1	1.3	1.6	1.8	2.1	2.6	3.2	3.8	4.4	5.0	5.6
170°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	3.0	3.5	3.9
172.5°	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3
175°	0.5	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7
177.5°	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.8	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: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5
5°	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.8	2.9
7.5°	2.4	2.5	2.9	3.2	3.5	3.8	4.2	4.5	4.7	5.0	5.3
10°	4.3	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.1	7.5	7.9
12.5°	6.1	6.6	7.2	7.7	8.2	8.8	9.3	9.8	10.3	10.8	11.2
15°	7.6	8.4	9.2	10.0	10.8	11.6	12.4	13.1	13.9	14.5	15.1
17.5°	9.7	10.6	11.6	12.5	13.4	14.2	15.0	16.0	17.0	17.9	18.7
20°	11.9	12.9	14.0	15.0	16.1	17.2	18.2	19.2	20.3	21.2	22.1
22.5°	13.9	15.2	16.5	17.8	19.0	20.2	21.3	22.5	23.6	24.8	25.8
25°	16.1	17.5	18.9	20.3	21.8	23.2	24.5	25.8	27.0	28.2	29.3
27.5°	18.3	19.9	21.4	22.9	24.5	26.1	27.7	29.1	30.5	31.9	33.0
30°	20.1	22.0	23.8	25.6	27.2	28.9	30.6	32.3	33.8	35.3	36.6
32.5°	22.4	24.2	26.1	28.0	29.8	31.7	33.6	35.4	37.1	38.6	40.1
35°	24.3	26.4	28.5	30.5	32.5	34.3	36.3	38.4	40.1	41.8	43.3
37.5°	26.2	28.5	30.9	33.1	35.1	37.0	39.0	41.0	42.8	44.6	46.5
40°	28.3	30.6	32.9	35.3	37.6	39.5	41.6	43.8	45.7	47.5	49.4
42.5°	30.0	32.6	35.0	37.4	39.8	42.1	44.1	46.3	48.5	50.6	52.4
45°	31.6	34.3	36.9	39.5	42.0	44.4	46.6	48.9	51.1	53.2	55.3
47.5°	33.3	36.0	38.7	41.6	44.2	46.5	48.7	51.2	53.6	55.8	57.9
50°	34.8	37.7	40.3	43.2	45.8	48.4	50.8	53.3	55.9	58.1	60.2
52.5°	36.0	39.1	42.0	44.9	47.4	50.1	52.8	55.3	57.7	60.1	62.5
55°	37.2	40.4	43.5	46.4	49.3	51.7	54.5	57.3	59.8	62.0	64.6
57.5°	38.5	41.6	44.6	47.6	51.0	53.6	56.3	59.1	61.9	64.1	66.6
60°	39.4	42.9	45.8	48.8	52.0	55.0	58.1	60.8	63.5	65.9	68.3
62.5°	40.2	43.7	46.9	50.0	53.3	56.1	59.3	62.2	64.9	67.5	70.1
65°	41.1	44.5	47.9	51.0	54.4	57.4	60.5	63.5	66.3	69.0	71.6
67.5°	41.8	45.2	48.7	52.1	55.4	58.6	61.7	64.6	67.8	70.5	73.1
70°	42.5	46.0	49.6	53.0	56.4	59.7	62.9	65.6	68.7	71.4	74.2
72.5°	43.1	46.6	50.4	53.7	57.1	60.4	63.7	66.5	69.5	72.4	75.2
75°	43.6	46.9	50.6	54.1	57.7	61.1	64.4	67.4	70.3	73.2	76.0
77.5°	43.8	47.3	50.9	54.4	57.9	61.4	65.0	68.1	71.1	73.8	76.8
80°	43.8	47.6	51.2	54.7	58.3	61.6	65.0	68.5	71.5	74.2	77.2
82.5°	43.6	47.4	51.2	55.0	58.7	61.8	65.0	68.8	71.8	74.4	77.5
85°	43.7	47.4	51.2	55.1	58.8	62.0	65.2	68.9	72.0	74.6	77.7
87.5°	43.7	47.5	51.3	55.1	58.9	62.0	65.4	68.9	72.0	74.8	77.7
90°	43.6	47.4	51.2	55.0	58.8	61.9	65.7	68.9	72.0	75.2	77.7
92.5°	43.7	47.5	51.3	55.1	58.9	62.0	65.4	68.9	72.0	74.8	77.7
95°	43.7	47.4	51.2	55.1	58.8	62.0	65.2	68.9	72.0	74.6	77.7
97.5°	43.6	47.4	51.2	55.0	58.7	61.8	65.0	68.8	71.8	74.4	77.5
100°	43.8	47.6	51.2	54.7	58.3	61.6	65.0	68.5	71.5	74.2	77.2
102.5°	43.8	47.3	50.9	54.4	57.9	61.4	65.0	68.1	71.1	73.8	76.8
105°	43.6	46.9	50.6	54.1	57.7	61.1	64.4	67.4	70.3	73.2	76.0
107.5°	43.1	46.6	50.4	53.7	57.1	60.4	63.7	66.5	69.5	72.4	75.2
110°	42.5	46.0	49.6	53.0	56.4	59.7	62.9	65.6	68.7	71.4	74.2



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	41.8	45.2	48.7	52.1	55.4	58.6	61.7	64.6	67.8	70.5	73.1
115°	41.1	44.5	47.9	51.0	54.4	57.4	60.5	63.5	66.3	69.0	71.6
117.5°	40.2	43.7	46.9	50.0	53.3	56.1	59.3	62.2	64.9	67.5	70.1
120°	39.4	42.9	45.8	48.8	52.0	55.0	58.1	60.8	63.5	65.9	68.3
122.5°	38.5	41.6	44.6	47.6	51.0	53.6	56.3	59.1	61.9	64.1	66.6
125°	37.2	40.4	43.5	46.4	49.3	51.7	54.5	57.3	59.8	62.0	64.6
127.5°	36.0	39.1	42.0	44.9	47.4	50.1	52.8	55.3	57.7	60.1	62.5
130°	34.8	37.7	40.3	43.2	45.8	48.4	50.8	53.3	55.9	58.1	60.2
132.5°	33.3	36.0	38.7	41.6	44.2	46.5	48.7	51.2	53.6	55.8	57.9
135°	31.6	34.3	36.9	39.5	42.0	44.4	46.6	48.9	51.1	53.2	55.3
137.5°	30.0	32.6	35.0	37.4	39.8	42.1	44.1	46.3	48.5	50.6	52.4
140°	28.3	30.6	32.9	35.3	37.6	39.5	41.6	43.8	45.7	47.5	49.4
142.5°	26.2	28.5	30.9	33.1	35.1	37.0	39.0	41.0	42.8	44.6	46.5
145°	24.3	26.4	28.5	30.5	32.5	34.3	36.3	38.4	40.1	41.8	43.3
147.5°	22.4	24.2	26.1	28.0	29.8	31.7	33.6	35.4	37.1	38.6	40.1
150°	20.1	22.0	23.8	25.6	27.2	28.9	30.6	32.3	33.8	35.3	36.6
152.5°	18.3	19.9	21.4	22.9	24.5	26.1	27.7	29.1	30.5	31.9	33.0
155°	16.1	17.5	18.9	20.3	21.8	23.2	24.5	25.8	27.0	28.2	29.3
157.5°	13.9	15.2	16.5	17.8	19.0	20.2	21.3	22.5	23.6	24.8	25.8
160°	11.9	12.9	14.0	15.0	16.1	17.2	18.2	19.2	20.3	21.2	22.1
162.5°	9.7	10.6	11.6	12.5	13.4	14.2	15.0	16.0	17.0	17.9	18.7
165°	7.6	8.4	9.2	10.0	10.8	11.6	12.4	13.1	13.9	14.5	15.1
167.5°	6.1	6.6	7.2	7.7	8.2	8.8	9.3	9.8	10.3	10.8	11.2
170°	4.3	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.1	7.5	7.9
172.5°	2.4	2.5	2.9	3.2	3.5	3.8	4.2	4.5	4.7	5.0	5.3
175°	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.8	2.9
177.5°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	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: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.8
5°	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.5
7.5°	5.5	5.8	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.0	7.4
10°	8.2	8.5	8.8	9.1	9.4	9.7	10.0	10.2	10.5	10.7	11.3
12.5°	11.7	12.1	12.6	13.0	13.3	13.7	14.1	14.4	14.6	14.9	15.6
15°	15.6	16.2	16.6	17.1	17.5	17.9	18.2	18.5	18.8	19.0	19.9
17.5°	19.4	20.1	20.7	21.2	21.7	22.2	22.6	23.0	23.4	23.7	24.8
20°	23.0	23.8	24.6	25.4	25.9	26.4	26.9	27.5	28.0	28.4	29.7
22.5°	26.7	27.5	28.5	29.4	30.2	30.7	31.2	31.8	32.3	32.9	34.4
25°	30.4	31.4	32.4	33.4	34.3	35.0	35.5	36.1	36.7	37.3	39.1
27.5°	34.0	35.2	36.4	37.4	38.3	39.1	39.7	40.4	41.1	41.7	43.7
30°	37.9	39.1	40.3	41.5	42.3	43.0	43.9	44.7	45.5	46.1	48.3
32.5°	41.5	42.8	44.0	45.2	46.1	46.9	47.8	48.7	49.5	50.2	52.4
35°	44.7	46.1	47.4	48.6	49.7	50.8	51.8	52.7	53.6	54.3	56.4
37.5°	48.0	49.5	50.8	52.1	53.3	54.4	55.5	56.4	57.3	58.1	60.6
40°	51.1	52.8	54.3	55.6	56.8	58.0	59.1	60.1	61.0	61.9	64.7
42.5°	54.0	55.9	57.5	59.0	60.2	61.4	62.5	63.5	64.5	65.4	68.3
45°	56.8	58.5	60.3	62.0	63.5	64.7	65.8	66.9	67.9	68.9	72.0
47.5°	59.6	61.2	63.1	64.9	66.5	67.8	68.9	70.0	71.1	72.1	75.3
50°	62.2	64.0	65.9	67.8	69.5	70.8	72.0	73.1	74.2	75.2	78.5
52.5°	64.6	66.5	68.4	70.3	72.0	73.5	74.6	75.6	76.8	78.1	81.5
55°	66.7	68.7	70.7	72.5	74.4	76.1	77.2	78.1	79.3	80.9	84.5
57.5°	68.9	70.8	72.9	74.8	76.7	78.3	79.5	80.5	81.8	83.4	87.1
60°	70.7	72.8	75.2	77.1	79.0	80.5	81.8	83.0	84.2	85.9	89.7
62.5°	72.6	74.5	77.0	79.0	80.9	82.5	83.9	84.9	86.4	88.1	91.7
65°	74.2	76.2	78.6	80.7	82.6	84.4	85.9	86.8	88.6	90.3	93.7
67.5°	75.6	77.8	80.0	82.2	84.1	85.9	87.3	88.6	90.1	91.9	95.7
70°	76.9	79.2	81.4	83.7	85.6	87.3	88.7	90.4	91.7	93.5	97.6
72.5°	78.0	80.4	82.5	84.7	86.8	88.6	89.9	91.7	92.9	94.8	99.3
75°	78.7	81.2	83.5	85.6	88.0	89.8	91.1	93.0	94.2	96.0	101.1
77.5°	79.3	81.8	84.3	86.4	88.6	90.5	92.0	93.5	94.8	97.0	101.4
80°	79.8	82.3	84.8	87.2	89.2	91.1	92.9	94.1	95.4	97.9	101.7
82.5°	80.1	82.8	85.1	87.6	89.5	91.6	93.2	94.8	96.1	98.3	102.3
85°	80.3	83.4	85.3	87.8	89.7	92.2	93.5	95.4	96.7	98.6	103.0
87.5°	80.2	83.4	85.6	88.1	90.0	92.2	93.8	95.4	96.7	98.9	103.0
90°	80.2	83.4	85.9	88.4	90.3	92.2	94.1	95.4	96.7	99.2	103.0
92.5°	80.2	83.4	85.6	88.1	90.0	92.2	93.8	95.4	96.7	98.9	103.0
95°	80.3	83.4	85.3	87.8	89.7	92.2	93.5	95.4	96.7	98.6	103.0
97.5°	80.1	82.8	85.1	87.6	89.5	91.6	93.2	94.8	96.1	98.3	102.3
100°	79.8	82.3	84.8	87.2	89.2	91.1	92.9	94.1	95.4	97.9	101.7
102.5°	79.3	81.8	84.3	86.4	88.6	90.5	92.0	93.5	94.8	97.0	101.4
105°	78.7	81.2	83.5	85.6	88.0	89.8	91.1	93.0	94.2	96.0	101.1
107.5°	78.0	80.4	82.5	84.7	86.8	88.6	89.9	91.7	92.9	94.8	99.3
110°	76.9	79.2	81.4	83.7	85.6	87.3	88.7	90.4	91.7	93.5	97.6



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	75.6	77.8	80.0	82.2	84.1	85.9	87.3	88.6	90.1	91.9	95.7
115°	74.2	76.2	78.6	80.7	82.6	84.4	85.9	86.8	88.6	90.3	93.7
117.5°	72.6	74.5	77.0	79.0	80.9	82.5	83.9	84.9	86.4	88.1	91.7
120°	70.7	72.8	75.2	77.1	79.0	80.5	81.8	83.0	84.2	85.9	89.7
122.5°	68.9	70.8	72.9	74.8	76.7	78.3	79.5	80.5	81.8	83.4	87.1
125°	66.7	68.7	70.7	72.5	74.4	76.1	77.2	78.1	79.3	80.9	84.5
127.5°	64.6	66.5	68.4	70.3	72.0	73.5	74.6	75.6	76.8	78.1	81.5
130°	62.2	64.0	65.9	67.8	69.5	70.8	72.0	73.1	74.2	75.2	78.5
132.5°	59.6	61.2	63.1	64.9	66.5	67.8	68.9	70.0	71.1	72.1	75.3
135°	56.8	58.5	60.3	62.0	63.5	64.7	65.8	66.9	67.9	68.9	72.0
137.5°	54.0	55.9	57.5	59.0	60.2	61.4	62.5	63.5	64.5	65.4	68.3
140°	51.1	52.8	54.3	55.6	56.8	58.0	59.1	60.1	61.0	61.9	64.7
142.5°	48.0	49.5	50.8	52.1	53.3	54.4	55.5	56.4	57.3	58.1	60.6
145°	44.7	46.1	47.4	48.6	49.7	50.8	51.8	52.7	53.6	54.3	56.4
147.5°	41.5	42.8	44.0	45.2	46.1	46.9	47.8	48.7	49.5	50.2	52.4
150°	37.9	39.1	40.3	41.5	42.3	43.0	43.9	44.7	45.5	46.1	48.3
152.5°	34.0	35.2	36.4	37.4	38.3	39.1	39.7	40.4	41.1	41.7	43.7
155°	30.4	31.4	32.4	33.4	34.3	35.0	35.5	36.1	36.7	37.3	39.1
157.5°	26.7	27.5	28.5	29.4	30.2	30.7	31.2	31.8	32.3	32.9	34.4
160°	23.0	23.8	24.6	25.4	25.9	26.4	26.9	27.5	28.0	28.4	29.7
162.5°	19.4	20.1	20.7	21.2	21.7	22.2	22.6	23.0	23.4	23.7	24.8
165°	15.6	16.2	16.6	17.1	17.5	17.9	18.2	18.5	18.8	19.0	19.9
167.5°	11.7	12.1	12.6	13.0	13.3	13.7	14.1	14.4	14.6	14.9	15.6
170°	8.2	8.5	8.8	9.1	9.4	9.7	10.0	10.2	10.5	10.7	11.3
172.5°	5.5	5.8	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.0	7.4
175°	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.5
177.5°	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.0	3.2	3.3
5°	3.8	4.1	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.5
7.5°	7.9	8.3	8.7	9.1	9.5	9.8	10.2	11.1	11.9	12.7	13.5
10°	12.0	12.5	13.1	13.6	14.2	15.4	16.6	17.7	18.8	19.8	20.9
12.5°	16.4	17.1	17.8	18.8	20.3	21.9	23.3	24.7	26.3	28.2	30.0
15°	20.8	21.7	22.6	24.7	26.6	28.5	30.4	32.8	35.1	37.3	39.8
17.5°	25.8	26.8	28.6	30.8	33.0	35.3	38.3	41.2	43.9	46.9	50.1
20°	30.9	32.1	34.4	36.8	39.2	42.9	46.4	49.9	53.4	57.0	60.5
22.5°	35.8	37.8	40.5	43.1	46.8	50.9	54.9	58.9	62.7	66.6	71.2
25°	40.9	43.5	46.6	50.0	54.6	59.0	63.6	68.2	72.7	77.5	82.4
27.5°	45.6	48.9	52.4	56.7	61.5	66.6	72.0	77.3	82.6	87.7	93.2
30°	50.3	54.2	58.1	63.0	68.2	74.0	80.1	86.3	92.3	98.2	104.1
32.5°	54.8	59.0	63.5	69.0	74.9	81.6	88.4	95.5	102.0	108.0	114.3
35°	59.1	63.6	68.9	75.0	81.9	89.5	96.6	104.0	110.9	117.7	124.7
37.5°	63.8	68.6	74.6	81.1	88.8	96.6	104.4	112.2	120.4	127.8	135.3
40°	68.5	73.5	80.2	87.5	95.4	103.6	111.8	120.1	128.5	137.1	145.1
42.5°	72.4	77.7	85.0	93.0	101.5	110.4	119.2	128.0	136.9	145.7	154.2
45°	76.3	81.9	89.6	98.3	107.5	117.3	126.4	135.8	145.4	154.5	163.4
47.5°	80.0	86.3	94.2	103.4	113.4	123.7	133.1	143.6	153.7	163.6	172.2
50°	83.8	90.7	98.8	108.5	119.0	129.2	139.0	150.3	160.7	170.6	180.4
52.5°	87.0	94.3	103.1	113.1	124.2	134.6	145.1	156.7	167.3	177.7	187.9
55°	90.0	97.8	107.2	117.5	129.4	139.9	151.2	162.9	174.0	184.8	195.4
57.5°	92.9	101.2	111.0	121.9	134.0	145.1	156.9	168.9	180.6	191.8	203.2
60°	95.8	104.5	114.7	126.0	138.3	150.2	162.0	174.3	186.2	197.9	209.2
62.5°	98.2	107.4	117.9	129.6	142.2	154.5	166.6	179.5	191.3	203.4	215.1
65°	100.7	110.3	120.9	132.9	145.6	158.2	171.0	184.0	195.8	208.4	220.2
67.5°	102.6	112.6	123.6	135.8	148.5	161.6	175.0	188.0	200.2	212.9	224.7
70°	104.5	114.7	126.2	138.5	151.2	164.7	178.4	191.7	204.6	217.0	228.7
72.5°	106.0	116.5	127.8	140.8	153.9	167.7	181.3	195.0	208.3	220.6	232.4
75°	107.5	118.2	129.2	143.1	156.6	170.4	183.6	197.8	211.0	223.4	235.7
77.5°	108.6	119.2	130.6	144.7	158.1	172.6	185.8	200.2	213.0	225.8	238.5
80°	109.9	120.2	131.9	146.0	159.2	174.4	188.1	201.9	214.5	227.8	240.5
82.5°	110.5	121.0	133.6	146.9	160.6	175.6	189.0	203.4	216.2	229.6	242.1
85°	111.2	121.3	134.6	147.8	162.3	176.9	189.5	205.2	217.9	231.0	243.7
87.5°	110.9	121.6	134.0	147.8	162.1	177.2	189.8	204.7	218.3	231.8	244.0
90°	110.6	121.9	133.3	147.8	161.7	177.5	190.2	204.1	218.0	231.8	243.2
92.5°	110.9	121.6	134.0	147.8	162.1	177.2	189.8	204.7	218.3	231.8	244.0
95°	111.2	121.3	134.6	147.8	162.3	176.9	189.5	205.2	217.9	231.0	243.7
97.5°	110.5	121.0	133.6	146.9	160.6	175.6	189.0	203.4	216.2	229.6	242.1
100°	109.9	120.2	131.9	146.0	159.2	174.4	188.1	201.9	214.5	227.8	240.5
102.5°	108.6	119.2	130.6	144.7	158.1	172.6	185.8	200.2	213.0	225.8	238.5
105°	107.5	118.2	129.2	143.1	156.6	170.4	183.6	197.8	211.0	223.4	235.7
107.5°	106.0	116.5	127.8	140.8	153.9	167.7	181.3	195.0	208.3	220.6	232.4
110°	104.5	114.7	126.2	138.5	151.2	164.7	178.4	191.7	204.6	217.0	228.7



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	102.6	112.6	123.6	135.8	148.5	161.6	175.0	188.0	200.2	212.9	224.7
115°	100.7	110.3	120.9	132.9	145.6	158.2	171.0	184.0	195.8	208.4	220.2
117.5°	98.2	107.4	117.9	129.6	142.2	154.5	166.6	179.5	191.3	203.4	215.1
120°	95.8	104.5	114.7	126.0	138.3	150.2	162.0	174.3	186.2	197.9	209.2
122.5°	92.9	101.2	111.0	121.9	134.0	145.1	156.9	168.9	180.6	191.8	203.2
125°	90.0	97.8	107.2	117.5	129.4	139.9	151.2	162.9	174.0	184.8	195.4
127.5°	87.0	94.3	103.1	113.1	124.2	134.6	145.1	156.7	167.3	177.7	187.9
130°	83.8	90.7	98.8	108.5	119.0	129.2	139.0	150.3	160.7	170.6	180.4
132.5°	80.0	86.3	94.2	103.4	113.4	123.7	133.1	143.6	153.7	163.6	172.2
135°	76.3	81.9	89.6	98.3	107.5	117.3	126.4	135.8	145.4	154.5	163.4
137.5°	72.4	77.7	85.0	93.0	101.5	110.4	119.2	128.0	136.9	145.7	154.2
140°	68.5	73.5	80.2	87.5	95.4	103.6	111.8	120.1	128.5	137.1	145.1
142.5°	63.8	68.6	74.6	81.1	88.8	96.6	104.4	112.2	120.4	127.8	135.3
145°	59.1	63.6	68.9	75.0	81.9	89.5	96.6	104.0	110.9	117.7	124.7
147.5°	54.8	59.0	63.5	69.0	74.9	81.6	88.4	95.5	102.0	108.0	114.3
150°	50.3	54.2	58.1	63.0	68.2	74.0	80.1	86.3	92.3	98.2	104.1
152.5°	45.6	48.9	52.4	56.7	61.5	66.6	72.0	77.3	82.6	87.7	93.2
155°	40.9	43.5	46.6	50.0	54.6	59.0	63.6	68.2	72.7	77.5	82.4
157.5°	35.8	37.8	40.5	43.1	46.8	50.9	54.9	58.9	62.7	66.6	71.2
160°	30.9	32.1	34.4	36.8	39.2	42.9	46.4	49.9	53.4	57.0	60.5
162.5°	25.8	26.8	28.6	30.8	33.0	35.3	38.3	41.2	43.9	46.9	50.1
165°	20.8	21.7	22.6	24.7	26.6	28.5	30.4	32.8	35.1	37.3	39.8
167.5°	16.4	17.1	17.8	18.8	20.3	21.9	23.3	24.7	26.3	28.2	30.0
170°	12.0	12.5	13.1	13.6	14.2	15.4	16.6	17.7	18.8	19.8	20.9
172.5°	7.9	8.3	8.7	9.1	9.5	9.8	10.2	11.1	11.9	12.7	13.5
175°	3.8	4.1	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.5
177.5°	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.0	3.2	3.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
5°	7.1	7.6	8.1	8.6	9.1	9.5	9.9	10.3	10.6	10.9	11.2
7.5°	14.2	14.9	15.6	16.2	16.8	17.6	18.2	19.0	19.8	20.4	21.0
10°	22.2	23.6	24.9	26.1	27.2	28.3	29.2	30.2	31.3	32.2	33.1
12.5°	31.8	33.4	35.0	36.8	38.5	40.1	41.7	43.1	44.5	45.8	47.1
15°	42.0	44.4	46.6	48.7	50.7	52.8	54.8	56.8	58.6	60.3	61.7
17.5°	53.2	56.5	58.8	61.4	63.9	66.4	68.7	70.9	72.8	74.4	76.1
20°	64.1	67.6	70.7	73.8	76.8	79.9	82.6	85.2	87.5	89.7	91.7
22.5°	75.5	79.6	83.3	86.9	90.5	93.8	97.0	100.0	102.8	105.4	107.7
25°	87.0	91.4	96.0	99.7	103.8	107.6	111.2	114.6	117.9	120.9	123.3
27.5°	98.5	103.5	108.2	112.8	117.0	121.0	125.4	128.8	132.4	135.5	138.1
30°	109.9	115.4	120.7	125.6	130.2	134.7	139.2	143.5	146.8	149.9	153.1
32.5°	120.6	126.7	132.6	138.1	143.3	148.2	152.8	156.9	160.7	164.3	167.7
35°	131.4	138.1	144.6	150.7	156.2	161.3	166.1	170.8	175.1	178.9	182.0
37.5°	142.4	149.4	156.5	163.0	168.7	174.1	179.4	184.2	188.4	192.7	195.6
40°	152.7	160.6	167.8	174.1	180.4	186.5	191.8	196.5	201.2	205.5	209.2
42.5°	162.7	170.8	178.0	184.8	191.5	197.6	203.3	209.0	214.8	218.5	222.5
45°	172.2	180.2	188.0	195.6	202.3	208.8	215.1	221.0	225.9	230.4	234.1
47.5°	181.1	189.4	198.1	206.0	212.7	219.6	226.1	231.5	236.9	241.8	246.0
50°	189.6	198.4	207.1	214.9	222.5	229.7	236.2	242.2	248.6	253.0	257.4
52.5°	197.7	207.1	215.7	223.9	232.4	239.3	246.0	252.7	258.0	263.2	268.1
55°	205.8	215.5	224.6	232.6	240.7	248.5	255.2	261.5	267.5	273.1	277.9
57.5°	213.1	222.7	231.8	240.6	248.8	256.4	263.6	270.4	276.5	282.0	286.9
60°	219.7	229.4	238.8	247.8	256.2	264.1	271.6	278.5	284.8	290.5	295.4
62.5°	225.6	235.5	245.4	254.6	263.3	271.5	279.2	286.2	292.3	297.9	303.5
65°	230.9	241.3	251.2	260.5	269.8	278.3	286.0	293.0	299.2	304.9	310.9
67.5°	235.6	246.1	256.3	266.3	275.6	284.1	291.8	298.9	305.5	311.8	317.5
70°	239.9	250.7	261.2	271.6	280.6	289.2	297.0	304.1	311.0	317.6	323.9
72.5°	244.0	255.2	266.0	276.4	285.1	294.3	302.0	309.4	316.3	322.8	329.0
75°	247.5	258.8	269.8	280.1	289.2	298.0	306.0	314.0	320.8	327.3	333.6
77.5°	250.5	261.6	272.2	282.7	292.1	300.9	309.3	317.5	324.7	331.4	337.2
80°	252.0	263.5	274.6	285.0	294.4	303.4	311.6	319.8	327.4	334.2	340.1
82.5°	253.5	265.1	276.9	286.6	296.4	305.7	313.4	321.5	329.1	336.2	342.5
85°	255.0	266.4	278.2	287.8	297.4	306.5	314.8	322.9	330.2	337.5	344.0
87.5°	255.6	267.2	279.0	288.7	298.0	307.2	315.9	324.1	331.0	338.1	344.3
90°	255.2	267.2	278.6	288.7	297.6	307.7	315.9	324.1	331.0	338.6	344.3
92.5°	255.6	267.2	279.0	288.7	298.0	307.2	315.9	324.1	331.0	338.1	344.3
95°	255.0	266.4	278.2	287.8	297.4	306.5	314.8	322.9	330.2	337.5	344.0
97.5°	253.5	265.1	276.9	286.6	296.4	305.7	313.4	321.5	329.1	336.2	342.5
100°	252.0	263.5	274.6	285.0	294.4	303.4	311.6	319.8	327.4	334.2	340.1
102.5°	250.5	261.6	272.2	282.7	292.1	300.9	309.3	317.5	324.7	331.4	337.2
105°	247.5	258.8	269.8	280.1	289.2	298.0	306.0	314.0	320.8	327.3	333.6
107.5°	244.0	255.2	266.0	276.4	285.1	294.3	302.0	309.4	316.3	322.8	329.0
110°	239.9	250.7	261.2	271.6	280.6	289.2	297.0	304.1	311.0	317.6	323.9



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	235.6	246.1	256.3	266.3	275.6	284.1	291.8	298.9	305.5	311.8	317.5
115°	230.9	241.3	251.2	260.5	269.8	278.3	286.0	293.0	299.2	304.9	310.9
117.5°	225.6	235.5	245.4	254.6	263.3	271.5	279.2	286.2	292.3	297.9	303.5
120°	219.7	229.4	238.8	247.8	256.2	264.1	271.6	278.5	284.8	290.5	295.4
122.5°	213.1	222.7	231.8	240.6	248.8	256.4	263.6	270.4	276.5	282.0	286.9
125°	205.8	215.5	224.6	232.6	240.7	248.5	255.2	261.5	267.5	273.1	277.9
127.5°	197.7	207.1	215.7	223.9	232.4	239.3	246.0	252.7	258.0	263.2	268.1
130°	189.6	198.4	207.1	214.9	222.5	229.7	236.2	242.2	248.6	253.0	257.4
132.5°	181.1	189.4	198.1	206.0	212.7	219.6	226.1	231.5	236.9	241.8	246.0
135°	172.2	180.2	188.0	195.6	202.3	208.8	215.1	221.0	225.9	230.4	234.1
137.5°	162.7	170.8	178.0	184.8	191.5	197.6	203.3	209.0	214.8	218.5	222.5
140°	152.7	160.6	167.8	174.1	180.4	186.5	191.8	196.5	201.2	205.5	209.2
142.5°	142.4	149.4	156.5	163.0	168.7	174.1	179.4	184.2	188.4	192.7	195.6
145°	131.4	138.1	144.6	150.7	156.2	161.3	166.1	170.8	175.1	178.9	182.0
147.5°	120.6	126.7	132.6	138.1	143.3	148.2	152.8	156.9	160.7	164.3	167.7
150°	109.9	115.4	120.7	125.6	130.2	134.7	139.2	143.5	146.8	149.9	153.1
152.5°	98.5	103.5	108.2	112.8	117.0	121.0	125.4	128.8	132.4	135.5	138.1
155°	87.0	91.4	96.0	99.7	103.8	107.6	111.2	114.6	117.9	120.9	123.3
157.5°	75.5	79.6	83.3	86.9	90.5	93.8	97.0	100.0	102.8	105.4	107.7
160°	64.1	67.6	70.7	73.8	76.8	79.9	82.6	85.2	87.5	89.7	91.7
162.5°	53.2	56.5	58.8	61.4	63.9	66.4	68.7	70.9	72.8	74.4	76.1
165°	42.0	44.4	46.6	48.7	50.7	52.8	54.8	56.8	58.6	60.3	61.7
167.5°	31.8	33.4	35.0	36.8	38.5	40.1	41.7	43.1	44.5	45.8	47.1
170°	22.2	23.6	24.9	26.1	27.2	28.3	29.2	30.2	31.3	32.2	33.1
172.5°	14.2	14.9	15.6	16.2	16.8	17.6	18.2	19.0	19.8	20.4	21.0
175°	7.1	7.6	8.1	8.6	9.1	9.5	9.9	10.3	10.6	10.9	11.2
177.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
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: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.0	3.9
5°	11.4	11.6	11.7	11.9	11.9	12.0	12.0	12.0	12.2	12.0	11.8
7.5°	21.6	22.1	22.5	22.9	23.2	23.5	23.7	23.8	23.9	24.1	23.9
10°	33.9	34.8	35.7	36.4	37.0	37.5	37.9	38.2	38.3	38.9	38.6
12.5°	48.1	49.1	49.8	50.5	51.3	51.9	52.4	52.7	53.0	53.0	53.2
15°	63.0	64.2	65.2	66.1	66.9	67.7	68.4	68.8	69.1	69.2	69.4
17.5°	77.7	79.4	80.8	81.9	82.7	83.3	83.9	84.8	85.5	86.1	86.9
20°	93.5	95.2	96.7	97.9	98.9	99.6	100.1	100.7	101.3	101.7	102.2
22.5°	109.8	111.5	113.0	114.3	115.4	116.3	116.8	117.2	117.8	118.1	118.8
25°	125.4	127.3	128.9	130.2	131.5	132.6	133.4	133.8	134.3	135.0	135.4
27.5°	140.5	142.6	144.5	146.1	147.1	148.4	149.3	149.9	150.2	150.6	150.7
30°	155.3	157.4	159.4	161.1	162.6	163.7	164.8	165.4	165.7	166.1	166.7
32.5°	170.4	172.6	174.6	176.7	178.2	179.1	179.8	180.4	180.7	180.7	181.3
35°	184.8	187.4	189.7	191.7	193.1	194.0	194.6	195.2	195.3	194.8	195.3
37.5°	198.6	201.3	203.6	205.4	206.9	208.2	209.0	209.3	209.4	209.0	209.2
40°	212.3	214.9	216.9	219.1	221.0	222.1	222.6	222.7	223.0	223.0	223.3
42.5°	225.5	227.8	230.2	232.3	233.9	234.8	235.4	235.8	235.9	235.7	235.2
45°	237.2	240.3	243.0	245.0	246.5	247.9	248.0	248.5	248.4	248.1	247.3
47.5°	249.8	252.6	254.9	257.2	258.8	259.9	260.4	260.5	260.1	259.6	258.9
50°	261.3	264.4	267.0	269.4	270.6	271.4	271.9	271.9	271.7	271.5	271.5
52.5°	272.1	275.4	277.9	280.0	281.7	282.8	283.4	283.1	282.9	282.6	282.5
55°	282.3	285.4	288.0	290.7	292.5	293.6	294.0	293.9	293.5	292.5	292.5
57.5°	291.1	295.2	298.6	300.9	302.9	304.0	304.4	304.3	303.7	303.0	302.6
60°	300.1	304.5	307.6	310.3	312.5	313.6	313.9	313.9	313.1	312.3	311.7
62.5°	308.6	312.0	315.6	318.9	321.2	322.4	323.1	322.9	321.8	320.8	320.1
65°	315.5	319.8	323.9	326.8	329.3	330.7	331.2	331.5	330.2	329.3	328.6
67.5°	322.5	327.0	330.9	333.8	336.4	337.9	338.7	339.0	338.0	336.9	336.0
70°	328.7	333.2	337.1	339.9	342.3	344.2	345.5	345.9	345.0	343.4	342.4
72.5°	334.2	338.3	342.3	345.4	348.0	350.0	351.0	351.7	350.6	349.3	348.2
75°	338.8	343.2	346.9	350.1	352.9	354.5	355.6	356.3	356.4	354.9	353.7
77.5°	342.6	347.3	350.9	354.0	356.7	358.3	359.3	360.4	360.5	360.1	358.5
80°	345.5	350.3	354.2	357.1	359.8	361.9	362.3	363.1	363.6	363.5	362.4
82.5°	348.1	352.6	356.4	359.5	361.8	363.5	364.7	365.6	365.5	365.5	365.7
85°	349.2	353.7	357.5	361.2	363.5	365.1	366.0	366.7	366.8	366.6	366.5
87.5°	350.0	354.2	358.0	361.4	363.5	364.8	366.2	366.9	366.9	366.5	366.5
90°	350.0	353.8	357.6	361.4	363.3	364.5	365.8	365.8	365.8	365.1	363.9
92.5°	350.0	354.2	358.0	361.4	363.5	364.8	366.2	366.9	366.9	366.5	366.5
95°	349.2	353.7	357.5	361.2	363.5	365.1	366.0	366.7	366.8	366.6	366.5
97.5°	348.1	352.6	356.4	359.5	361.8	363.5	364.7	365.6	365.5	365.5	365.7
100°	345.5	350.3	354.2	357.1	359.8	361.9	362.3	363.1	363.6	363.5	362.4
102.5°	342.6	347.3	350.9	354.0	356.7	358.3	359.3	360.4	360.5	360.1	358.5
105°	338.8	343.2	346.9	350.1	352.9	354.5	355.6	356.3	356.4	354.9	353.7
107.5°	334.2	338.3	342.3	345.4	348.0	350.0	351.0	351.7	350.6	349.3	348.2
110°	328.7	333.2	337.1	339.9	342.3	344.2	345.5	345.9	345.0	343.4	342.4



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	322.5	327.0	330.9	333.8	336.4	337.9	338.7	339.0	338.0	336.9	336.0
115°	315.5	319.8	323.9	326.8	329.3	330.7	331.2	331.5	330.2	329.3	328.6
117.5°	308.6	312.0	315.6	318.9	321.2	322.4	323.1	322.9	321.8	320.8	320.1
120°	300.1	304.5	307.6	310.3	312.5	313.6	313.9	313.9	313.1	312.3	311.7
122.5°	291.1	295.2	298.6	300.9	302.9	304.0	304.4	304.3	303.7	303.0	302.6
125°	282.3	285.4	288.0	290.7	292.5	293.6	294.0	293.9	293.5	292.5	292.5
127.5°	272.1	275.4	277.9	280.0	281.7	282.8	283.4	283.1	282.9	282.6	282.5
130°	261.3	264.4	267.0	269.4	270.6	271.4	271.9	271.9	271.7	271.5	271.5
132.5°	249.8	252.6	254.9	257.2	258.8	259.9	260.4	260.5	260.1	259.6	258.9
135°	237.2	240.3	243.0	245.0	246.5	247.9	248.0	248.5	248.4	248.1	247.3
137.5°	225.5	227.8	230.2	232.3	233.9	234.8	235.4	235.8	235.9	235.7	235.2
140°	212.3	214.9	216.9	219.1	221.0	222.1	222.6	222.7	223.0	223.0	223.3
142.5°	198.6	201.3	203.6	205.4	206.9	208.2	209.0	209.3	209.4	209.0	209.2
145°	184.8	187.4	189.7	191.7	193.1	194.0	194.6	195.2	195.3	194.8	195.3
147.5°	170.4	172.6	174.6	176.7	178.2	179.1	179.8	180.4	180.7	180.7	181.3
150°	155.3	157.4	159.4	161.1	162.6	163.7	164.8	165.4	165.7	166.1	166.7
152.5°	140.5	142.6	144.5	146.1	147.1	148.4	149.3	149.9	150.2	150.6	150.7
155°	125.4	127.3	128.9	130.2	131.5	132.6	133.4	133.8	134.3	135.0	135.4
157.5°	109.8	111.5	113.0	114.3	115.4	116.3	116.8	117.2	117.8	118.1	118.8
160°	93.5	95.2	96.7	97.9	98.9	99.6	100.1	100.7	101.3	101.7	102.2
162.5°	77.7	79.4	80.8	81.9	82.7	83.3	83.9	84.8	85.5	86.1	86.9
165°	63.0	64.2	65.2	66.1	66.9	67.7	68.4	68.8	69.1	69.2	69.4
167.5°	48.1	49.1	49.8	50.5	51.3	51.9	52.4	52.7	53.0	53.0	53.2
170°	33.9	34.8	35.7	36.4	37.0	37.5	37.9	38.2	38.3	38.9	38.6
172.5°	21.6	22.1	22.5	22.9	23.2	23.5	23.7	23.8	23.9	24.1	23.9
175°	11.4	11.6	11.7	11.9	11.9	12.0	12.0	12.0	12.2	12.0	11.8
177.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.0	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



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	3.9	3.8
5°	11.6	11.4
7.5°	23.7	23.4
10°	38.2	37.9
12.5°	52.8	52.4
15°	68.8	68.2
17.5°	86.7	86.5
20°	101.7	101.1
22.5°	118.2	117.5
25°	135.6	135.2
27.5°	150.5	149.7
30°	167.1	166.8
32.5°	181.7	181.3
35°	195.7	195.2
37.5°	209.6	209.1
40°	224.3	224.3
42.5°	235.6	235.0
45°	248.9	249.5
47.5°	259.3	259.0
50°	272.0	271.6
52.5°	283.0	283.0
55°	293.1	293.1
57.5°	302.6	302.6
60°	312.2	312.7
62.5°	320.5	320.9
65°	328.8	329.8
67.5°	335.9	336.7
70°	342.0	343.0
72.5°	348.3	349.4
75°	352.8	354.4
77.5°	357.3	359.5
80°	360.9	362.6
82.5°	363.9	365.8
85°	366.6	367.7
87.5°	367.4	368.9
90°	363.9	367.0
92.5°	367.4	368.9
95°	366.6	367.7
97.5°	363.9	365.8
100°	360.9	362.6
102.5°	357.3	359.5
105°	352.8	354.4
107.5°	348.3	349.4
110°	342.0	343.0



TEST NUMBER: P232029

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	335.9	336.7
115°	328.8	329.8
117.5°	320.5	320.9
120°	312.2	312.7
122.5°	302.6	302.6
125°	293.1	293.1
127.5°	283.0	283.0
130°	272.0	271.6
132.5°	259.3	259.0
135°	248.9	249.5
137.5°	235.6	235.0
140°	224.3	224.3
142.5°	209.6	209.1
145°	195.7	195.2
147.5°	181.7	181.3
150°	167.1	166.8
152.5°	150.5	149.7
155°	135.6	135.2
157.5°	118.2	117.5
160°	101.7	101.1
162.5°	86.7	86.5
165°	68.8	68.2
167.5°	52.8	52.4
170°	38.2	37.9
172.5°	23.7	23.4
175°	11.6	11.4
177.5°	3.9	3.8
180°	0.0	0.0

(END OF REPORT)