

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: P231956

Luminaire Tested: **FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231956
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-14)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

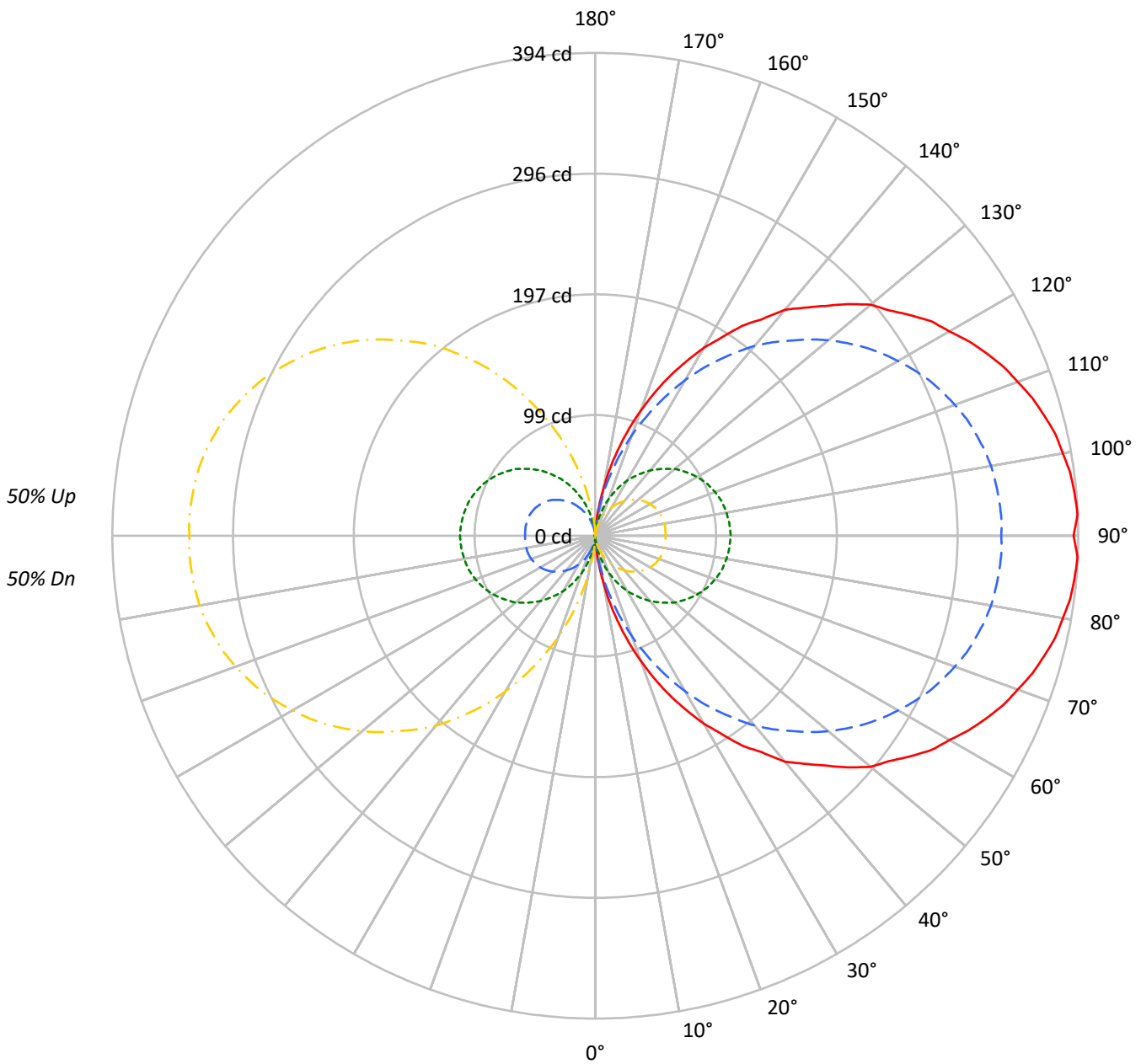
Lumens per Lamp: N/A
Luminaire Lumens: 1706.4 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Spacing Criteria (0/90/45): 17.21 / 14.12 / 15.43
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 23.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



— 0°-180° - - - 45°-225° - - - - 90°-270° - . - . 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	74	84	78	73	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	44	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	31	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°	9	9	9	9
5°	178	62	0	62
10°	479	177	0	177
15°	804	331	0	331
20°	1089	502	0	502
25°	1351	677	0	677
30°	1577	868	0	868
35°	1783	1061	0	1061
40°	1983	1285	0	1285
45°	2129	1525	0	1525
50°	2313	1817	0	1817
55°	2450	2137	0	2137
60°	2598	2539	5	2539
65°	2758	3060	5	3060
70°	2910	3754	5	3754
75°	3072	4782	5	4782
80°	3231	6453	0	6453
85°	3401	9822	0	9822



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.9	0.1
10°-20°	9.5	0.6
20°-30°	29.8	1.7
30°-40°	59.3	3.5
40°-50°	93.7	5.5
50°-60°	128.4	7.5
60°-70°	158.7	9.3
70°-80°	180.9	10.6
80°-90°	191.8	11.2
90°-100°	191.8	11.2
100°-110°	180.9	10.6
110°-120°	158.7	9.3
120°-130°	128.4	7.5
130°-140°	93.7	5.5
140°-150°	59.3	3.5
150°-160°	29.8	1.7
160°-170°	9.5	0.6
170°-180°	0.9	0.1
0°-30°	40.3	2.4
0°-40°	99.6	5.8
0°-60°	321.7	18.9
0°-90°	853.2	50.0
90°-120°	531.5	31.1
90°-150°	812.9	47.6
90°-180°	853.0	50.0
0°-180°	1706.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	13	4	0	4	13	2
15°	74	22	0	22	74	22
25°	144	42	0	42	144	67
35°	209	61	0	61	209	131
45°	265	77	0	77	265	207
55°	314	90	0	90	314	282
65°	352	100	1	100	352	349
75°	379	107	1	107	379	401
85°	392	110	0	110	392	320
90°	390	110	0	110	390	215
95°	392	110	0	110	392	320
105°	379	107	1	107	379	401
115°	352	100	1	100	352	349
125°	314	90	0	90	314	282
135°	265	77	0	77	265	207
145°	209	61	0	61	209	131
155°	144	42	0	42	144	67
165°	74	22	0	22	74	22
175°	13	4	0	4	13	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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.1	4.2	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.6
5°	13.4	13.6	13.7	13.9	14.0	13.7	13.7	13.6	13.5	13.4	13.2
7.5°	26.3	26.5	26.7	26.9	26.5	26.3	26.1	25.9	25.5	25.1	24.6
10°	40.3	40.6	40.9	41.2	40.7	40.5	40.2	39.7	39.2	38.6	37.8
12.5°	57.2	57.5	57.9	57.5	57.2	56.8	56.3	55.6	54.8	53.8	53.0
15°	74.2	74.7	75.1	74.7	74.5	74.0	73.3	72.5	71.6	70.9	70.1
17.5°	91.7	92.3	92.8	92.3	92.0	91.4	90.7	90.0	89.3	88.4	87.2
20°	108.6	109.1	109.7	109.0	108.7	108.1	107.5	107.0	106.3	105.3	104.1
22.5°	126.2	126.8	127.4	126.6	126.1	125.4	125.1	124.5	123.6	122.3	120.6
25°	143.7	144.4	144.3	144.1	143.5	143.2	142.8	142.2	141.2	140.0	138.7
27.5°	160.0	160.8	160.8	160.7	160.3	160.3	160.0	159.2	157.9	156.7	155.0
30°	177.0	177.7	177.5	177.1	177.0	177.0	176.7	176.0	175.2	174.1	172.2
32.5°	191.6	192.3	192.3	192.0	192.5	192.7	192.5	191.9	191.0	189.5	187.8
35°	209.1	209.3	208.5	207.8	208.2	208.2	208.0	207.7	206.9	205.4	203.6
37.5°	222.5	223.4	223.3	223.2	223.2	222.9	223.0	223.1	222.6	221.0	219.1
40°	240.6	239.6	237.6	237.4	237.7	237.4	237.6	237.4	236.8	235.5	233.6
42.5°	252.3	252.0	250.7	251.1	251.4	251.9	252.2	251.9	251.3	250.0	248.0
45°	265.2	265.2	264.0	265.1	265.4	265.9	266.1	266.2	264.8	263.7	261.6
47.5°	279.8	278.5	276.6	277.5	278.2	278.9	279.0	278.5	277.5	276.8	274.9
50°	293.2	291.5	289.6	290.1	290.7	291.2	291.5	291.2	290.6	288.8	286.7
52.5°	302.0	301.6	301.2	301.8	303.0	303.7	304.0	303.8	302.8	300.9	298.5
55°	313.7	313.7	313.2	313.5	314.5	315.2	315.5	315.3	314.2	312.0	309.5
57.5°	325.3	324.0	323.5	324.1	325.0	326.1	326.6	326.0	324.8	322.1	319.4
60°	333.5	334.0	333.9	334.5	335.2	336.1	336.6	335.9	334.4	331.5	328.3
62.5°	343.5	343.1	342.2	343.8	344.9	345.8	345.9	344.9	343.3	341.0	337.2
65°	352.2	351.8	351.0	352.4	353.5	354.8	354.5	353.6	351.6	349.1	346.0
67.5°	360.4	359.4	359.0	360.2	361.3	362.6	362.0	360.7	358.5	356.2	353.6
70°	366.8	366.6	366.2	367.1	368.8	369.2	368.5	367.0	365.1	362.9	360.9
72.5°	373.8	372.8	372.0	373.4	375.5	374.6	374.0	372.8	371.2	369.6	366.7
75°	379.1	377.6	377.5	379.3	379.7	379.4	378.4	378.0	376.4	374.5	371.8
77.5°	384.3	382.3	382.2	383.8	383.2	382.9	382.9	382.6	381.3	379.2	376.4
80°	387.3	385.7	386.2	386.3	385.3	386.3	387.0	386.6	384.7	382.6	379.6
82.5°	390.8	388.6	388.5	387.0	388.8	389.4	389.5	388.7	387.1	384.9	381.8
85°	392.5	390.9	387.5	389.5	390.6	390.9	391.0	390.2	388.6	386.6	383.4
87.5°	393.7	388.8	389.1	389.8	390.8	390.9	390.8	390.1	388.9	386.7	383.7
90°	390.2	386.7	386.7	388.4	389.6	390.2	390.8	389.6	388.4	386.7	383.8
92.5°	393.7	388.8	389.1	389.8	390.8	390.9	390.8	390.1	388.9	386.7	383.7
95°	392.5	390.9	387.5	389.5	390.6	390.9	391.0	390.2	388.6	386.6	383.4
97.5°	390.8	388.6	388.5	387.0	388.8	389.4	389.5	388.7	387.1	384.9	381.8
100°	387.3	385.7	386.2	386.3	385.3	386.3	387.0	386.6	384.7	382.6	379.6
102.5°	384.3	382.3	382.2	383.8	383.2	382.9	382.9	382.6	381.3	379.2	376.4
105°	379.1	377.6	377.5	379.3	379.7	379.4	378.4	378.0	376.4	374.5	371.8
107.5°	373.8	372.8	372.0	373.4	375.5	374.6	374.0	372.8	371.2	369.6	366.7
110°	366.8	366.6	366.2	367.1	368.8	369.2	368.5	367.0	365.1	362.9	360.9



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	360.4	359.4	359.0	360.2	361.3	362.6	362.0	360.7	358.5	356.2	353.6
115°	352.2	351.8	351.0	352.4	353.5	354.8	354.5	353.6	351.6	349.1	346.0
117.5°	343.5	343.1	342.2	343.8	344.9	345.8	345.9	344.9	343.3	341.0	337.2
120°	333.5	334.0	333.9	334.5	335.2	336.1	336.6	335.9	334.4	331.5	328.3
122.5°	325.3	324.0	323.5	324.1	325.0	326.1	326.6	326.0	324.8	322.1	319.4
125°	313.7	313.7	313.2	313.5	314.5	315.2	315.5	315.3	314.2	312.0	309.5
127.5°	302.0	301.6	301.2	301.8	303.0	303.7	304.0	303.8	302.8	300.9	298.5
130°	293.2	291.5	289.6	290.1	290.7	291.2	291.5	291.2	290.6	288.8	286.7
132.5°	279.8	278.5	276.6	277.5	278.2	278.9	279.0	278.5	277.5	276.8	274.9
135°	265.2	265.2	264.0	265.1	265.4	265.9	266.1	266.2	264.8	263.7	261.6
137.5°	252.3	252.0	250.7	251.1	251.4	251.9	252.2	251.9	251.3	250.0	248.0
140°	240.6	239.6	237.6	237.4	237.7	237.4	237.6	237.4	236.8	235.5	233.6
142.5°	222.5	223.4	223.3	223.2	223.2	222.9	223.0	223.1	222.6	221.0	219.1
145°	209.1	209.3	208.5	207.8	208.2	208.2	208.0	207.7	206.9	205.4	203.6
147.5°	191.6	192.3	192.3	192.0	192.5	192.7	192.5	191.9	191.0	189.5	187.8
150°	177.0	177.7	177.5	177.1	177.0	177.0	176.7	176.0	175.2	174.1	172.2
152.5°	160.0	160.8	160.8	160.7	160.3	160.3	160.0	159.2	157.9	156.7	155.0
155°	143.7	144.4	144.3	144.1	143.5	143.2	142.8	142.2	141.2	140.0	138.7
157.5°	126.2	126.8	127.4	126.6	126.1	125.4	125.1	124.5	123.6	122.3	120.6
160°	108.6	109.1	109.7	109.0	108.7	108.1	107.5	107.0	106.3	105.3	104.1
162.5°	91.7	92.3	92.8	92.3	92.0	91.4	90.7	90.0	89.3	88.4	87.2
165°	74.2	74.7	75.1	74.7	74.5	74.0	73.3	72.5	71.6	70.9	70.1
167.5°	57.2	57.5	57.9	57.5	57.2	56.8	56.3	55.6	54.8	53.8	53.0
170°	40.3	40.6	40.9	41.2	40.7	40.5	40.2	39.7	39.2	38.6	37.8
172.5°	26.3	26.5	26.7	26.9	26.5	26.3	26.1	25.9	25.5	25.1	24.6
175°	13.4	13.6	13.7	13.9	14.0	13.7	13.7	13.6	13.5	13.4	13.2
177.5°	4.1	4.2	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.6
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.3	4.3
5°	13.0	12.7	12.5	12.2	11.8	11.5	11.1	10.7	10.2	9.8	9.3
7.5°	24.1	23.5	22.8	22.1	21.3	20.4	19.5	18.9	18.1	17.5	16.9
10°	36.9	35.9	35.3	34.5	33.6	32.6	31.6	30.7	29.6	28.4	27.2
12.5°	52.3	51.4	50.3	49.1	47.9	46.6	45.2	43.7	42.0	40.3	38.4
15°	69.0	67.8	66.5	65.0	63.4	61.6	59.6	57.5	55.2	53.1	50.9
17.5°	85.9	84.4	82.7	80.9	79.1	77.1	74.9	72.5	69.9	67.0	63.8
20°	102.6	100.9	99.1	97.1	94.9	92.4	89.9	87.2	84.3	81.2	77.6
22.5°	119.0	117.3	115.4	113.1	110.6	107.9	105.0	101.8	98.6	94.8	90.9
25°	136.8	134.5	131.9	129.0	126.3	123.4	120.2	116.7	112.9	108.9	105.2
27.5°	153.1	151.0	148.7	146.0	142.7	139.2	136.1	131.5	127.3	122.6	117.8
30°	169.8	167.3	165.1	161.9	158.7	155.1	151.1	146.7	141.9	136.7	131.1
32.5°	186.1	183.9	180.9	177.6	174.2	170.4	166.0	161.2	156.1	150.8	144.6
35°	201.5	199.0	196.1	192.7	188.7	184.5	179.9	174.9	169.7	163.8	157.4
37.5°	216.9	214.6	211.7	208.3	203.2	198.8	193.9	188.3	182.5	176.6	169.7
40°	231.6	229.5	226.3	222.1	217.4	212.5	207.8	202.3	195.4	188.5	181.1
42.5°	245.9	243.5	240.4	235.9	231.3	225.4	219.7	214.1	207.9	200.8	192.9
45°	259.5	256.2	252.8	249.3	244.0	238.1	231.9	225.3	219.0	212.1	204.1
47.5°	271.9	268.4	264.5	260.5	255.8	250.1	243.8	237.1	230.0	222.8	214.6
50°	283.9	280.3	276.4	272.1	267.4	261.3	255.1	248.2	240.7	233.0	224.6
52.5°	295.4	291.6	287.5	282.9	277.5	272.1	265.5	258.3	251.0	242.8	234.0
55°	306.0	302.2	298.1	293.5	287.7	281.9	275.5	268.1	260.0	251.5	243.2
57.5°	315.9	312.3	308.2	303.0	297.4	291.6	284.6	277.1	269.2	260.2	250.8
60°	325.3	321.5	317.1	311.9	306.1	300.0	293.0	285.2	277.0	267.9	258.3
62.5°	333.7	330.2	325.5	320.3	314.4	308.3	301.2	293.0	284.0	275.1	265.3
65°	342.4	338.4	333.4	328.1	321.8	315.6	309.0	300.4	291.4	281.9	272.0
67.5°	350.2	346.2	340.8	335.1	328.6	322.1	315.0	306.4	297.7	288.2	277.7
70°	357.1	352.7	347.6	341.7	334.9	328.1	320.6	312.2	303.2	293.7	282.9
72.5°	363.1	358.6	353.4	347.4	340.5	333.2	325.8	317.4	308.0	298.1	287.3
75°	368.2	363.5	358.3	352.1	345.3	337.7	330.1	321.3	312.1	302.0	291.1
77.5°	372.5	367.8	362.2	356.0	348.9	341.8	333.9	325.0	315.5	305.1	294.3
80°	375.7	371.1	365.4	359.0	352.0	344.6	336.6	327.8	318.1	307.6	296.7
82.5°	378.0	373.7	367.9	361.5	354.4	346.8	338.0	329.4	319.9	309.5	298.7
85°	379.9	375.3	369.4	363.0	355.8	348.4	339.4	330.7	321.0	310.9	300.3
87.5°	380.1	375.6	370.3	363.9	356.3	349.3	340.3	331.6	322.0	311.9	301.2
90°	379.7	375.6	369.7	363.9	356.3	349.3	339.9	331.2	322.4	311.9	300.8
92.5°	380.1	375.6	370.3	363.9	356.3	349.3	340.3	331.6	322.0	311.9	301.2
95°	379.9	375.3	369.4	363.0	355.8	348.4	339.4	330.7	321.0	310.9	300.3
97.5°	378.0	373.7	367.9	361.5	354.4	346.8	338.0	329.4	319.9	309.5	298.7
100°	375.7	371.1	365.4	359.0	352.0	344.6	336.6	327.8	318.1	307.6	296.7
102.5°	372.5	367.8	362.2	356.0	348.9	341.8	333.9	325.0	315.5	305.1	294.3
105°	368.2	363.5	358.3	352.1	345.3	337.7	330.1	321.3	312.1	302.0	291.1
107.5°	363.1	358.6	353.4	347.4	340.5	333.2	325.8	317.4	308.0	298.1	287.3
110°	357.1	352.7	347.6	341.7	334.9	328.1	320.6	312.2	303.2	293.7	282.9



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-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°	350.2	346.2	340.8	335.1	328.6	322.1	315.0	306.4	297.7	288.2	277.7
115°	342.4	338.4	333.4	328.1	321.8	315.6	309.0	300.4	291.4	281.9	272.0
117.5°	333.7	330.2	325.5	320.3	314.4	308.3	301.2	293.0	284.0	275.1	265.3
120°	325.3	321.5	317.1	311.9	306.1	300.0	293.0	285.2	277.0	267.9	258.3
122.5°	315.9	312.3	308.2	303.0	297.4	291.6	284.6	277.1	269.2	260.2	250.8
125°	306.0	302.2	298.1	293.5	287.7	281.9	275.5	268.1	260.0	251.5	243.2
127.5°	295.4	291.6	287.5	282.9	277.5	272.1	265.5	258.3	251.0	242.8	234.0
130°	283.9	280.3	276.4	272.1	267.4	261.3	255.1	248.2	240.7	233.0	224.6
132.5°	271.9	268.4	264.5	260.5	255.8	250.1	243.8	237.1	230.0	222.8	214.6
135°	259.5	256.2	252.8	249.3	244.0	238.1	231.9	225.3	219.0	212.1	204.1
137.5°	245.9	243.5	240.4	235.9	231.3	225.4	219.7	214.1	207.9	200.8	192.9
140°	231.6	229.5	226.3	222.1	217.4	212.5	207.8	202.3	195.4	188.5	181.1
142.5°	216.9	214.6	211.7	208.3	203.2	198.8	193.9	188.3	182.5	176.6	169.7
145°	201.5	199.0	196.1	192.7	188.7	184.5	179.9	174.9	169.7	163.8	157.4
147.5°	186.1	183.9	180.9	177.6	174.2	170.4	166.0	161.2	156.1	150.8	144.6
150°	169.8	167.3	165.1	161.9	158.7	155.1	151.1	146.7	141.9	136.7	131.1
152.5°	153.1	151.0	148.7	146.0	142.7	139.2	136.1	131.5	127.3	122.6	117.8
155°	136.8	134.5	131.9	129.0	126.3	123.4	120.2	116.7	112.9	108.9	105.2
157.5°	119.0	117.3	115.4	113.1	110.6	107.9	105.0	101.8	98.6	94.8	90.9
160°	102.6	100.9	99.1	97.1	94.9	92.4	89.9	87.2	84.3	81.2	77.6
162.5°	85.9	84.4	82.7	80.9	79.1	77.1	74.9	72.5	69.9	67.0	63.8
165°	69.0	67.8	66.5	65.0	63.4	61.6	59.6	57.5	55.2	53.1	50.9
167.5°	52.3	51.4	50.3	49.1	47.9	46.6	45.2	43.7	42.0	40.3	38.4
170°	36.9	35.9	35.3	34.5	33.6	32.6	31.6	30.7	29.6	28.4	27.2
172.5°	24.1	23.5	22.8	22.1	21.3	20.4	19.5	18.9	18.1	17.5	16.9
175°	13.0	12.7	12.5	12.2	11.8	11.5	11.1	10.7	10.2	9.8	9.3
177.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.3	4.3
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: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.2	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.1	3.0
5°	8.7	8.2	7.7	7.4	7.2	6.9	6.7	6.4	6.1	5.8	5.5
7.5°	16.3	15.6	14.9	14.1	13.3	12.4	11.5	11.1	10.7	10.3	9.9
10°	25.8	24.4	22.9	21.8	20.7	19.5	18.2	16.9	15.6	14.9	14.3
12.5°	36.6	34.9	33.0	31.1	29.1	27.3	25.8	24.2	22.6	20.9	19.8
15°	48.5	46.0	43.7	41.1	38.7	36.2	33.7	31.7	29.7	27.7	25.6
17.5°	60.9	57.6	54.6	51.4	48.3	45.5	42.5	39.4	36.9	34.5	32.0
20°	73.8	69.9	66.0	62.4	58.7	54.9	51.5	47.9	44.1	41.3	38.4
22.5°	86.6	82.3	77.8	73.3	69.1	64.8	60.3	56.4	52.5	48.8	45.7
25°	99.6	94.3	89.1	84.4	79.6	74.6	69.6	64.6	60.1	55.3	51.7
27.5°	112.7	107.2	101.5	95.8	90.2	84.3	78.9	73.3	67.9	62.7	58.0
30°	125.4	119.6	113.6	107.3	100.9	94.6	88.2	82.0	76.0	70.2	64.6
32.5°	138.1	131.7	125.3	118.6	111.6	104.5	97.4	90.3	83.2	76.7	70.6
35°	150.5	143.5	136.3	129.1	121.5	113.7	105.9	98.4	90.4	83.0	76.4
37.5°	162.3	154.8	147.0	139.1	131.7	122.9	114.5	106.0	97.9	89.9	82.8
40°	173.3	165.8	157.6	149.2	140.6	131.8	122.8	113.9	105.2	97.2	89.3
42.5°	184.4	176.2	167.7	159.1	150.1	140.6	130.9	121.4	111.9	103.3	94.8
45°	195.5	186.6	177.4	168.1	158.8	148.8	138.7	128.6	118.6	109.1	99.9
47.5°	205.9	196.7	186.9	177.0	166.9	156.8	146.2	135.4	124.8	114.6	105.0
50°	215.6	206.2	196.4	185.3	174.8	164.2	153.1	141.9	130.7	119.9	110.0
52.5°	224.5	214.8	204.7	193.9	182.8	171.4	159.8	148.1	136.6	125.0	114.5
55°	233.0	222.9	212.4	201.6	189.8	177.8	165.9	154.1	142.5	130.2	119.0
57.5°	240.9	230.3	220.0	208.5	196.5	184.0	171.7	159.5	147.4	134.6	123.0
60°	248.6	237.4	226.3	214.8	202.7	190.1	177.2	164.6	151.6	138.7	126.7
62.5°	254.9	244.0	232.8	220.8	208.6	195.8	182.2	169.1	155.8	142.5	129.9
65°	261.2	250.0	238.6	226.3	213.5	200.6	186.6	173.0	159.8	146.2	133.1
67.5°	267.1	255.8	243.9	231.5	218.2	205.1	190.8	176.9	163.5	149.7	136.4
70°	272.1	260.3	248.0	235.0	222.6	209.2	194.7	180.5	166.8	152.9	139.3
72.5°	276.1	264.5	252.4	239.6	226.5	212.6	198.0	183.5	169.3	155.1	141.5
75°	279.9	268.1	255.8	243.1	229.7	215.4	200.8	186.2	171.3	156.9	143.4
77.5°	283.3	271.3	258.8	245.8	232.3	217.6	203.2	188.2	173.4	158.5	144.6
80°	285.6	273.3	261.0	247.8	234.0	219.3	205.2	189.9	175.4	160.0	145.7
82.5°	287.4	274.9	262.8	249.4	235.6	220.9	206.3	191.0	176.5	161.1	146.9
85°	288.3	276.1	264.3	250.5	237.0	223.0	207.4	192.2	177.6	162.4	147.2
87.5°	289.1	277.1	265.2	251.2	237.2	223.1	207.6	191.9	177.6	162.7	147.2
90°	289.1	277.4	265.2	251.2	236.6	223.1	207.9	191.6	177.6	163.0	147.2
92.5°	289.1	277.1	265.2	251.2	237.2	223.1	207.6	191.9	177.6	162.7	147.2
95°	288.3	276.1	264.3	250.5	237.0	223.0	207.4	192.2	177.6	162.4	147.2
97.5°	287.4	274.9	262.8	249.4	235.6	220.9	206.3	191.0	176.5	161.1	146.9
100°	285.6	273.3	261.0	247.8	234.0	219.3	205.2	189.9	175.4	160.0	145.7
102.5°	283.3	271.3	258.8	245.8	232.3	217.6	203.2	188.2	173.4	158.5	144.6
105°	279.9	268.1	255.8	243.1	229.7	215.4	200.8	186.2	171.3	156.9	143.4
107.5°	276.1	264.5	252.4	239.6	226.5	212.6	198.0	183.5	169.3	155.1	141.5
110°	272.1	260.3	248.0	235.0	222.6	209.2	194.7	180.5	166.8	152.9	139.3



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	267.1	255.8	243.9	231.5	218.2	205.1	190.8	176.9	163.5	149.7	136.4
115°	261.2	250.0	238.6	226.3	213.5	200.6	186.6	173.0	159.8	146.2	133.1
117.5°	254.9	244.0	232.8	220.8	208.6	195.8	182.2	169.1	155.8	142.5	129.9
120°	248.6	237.4	226.3	214.8	202.7	190.1	177.2	164.6	151.6	138.7	126.7
122.5°	240.9	230.3	220.0	208.5	196.5	184.0	171.7	159.5	147.4	134.6	123.0
125°	233.0	222.9	212.4	201.6	189.8	177.8	165.9	154.1	142.5	130.2	119.0
127.5°	224.5	214.8	204.7	193.9	182.8	171.4	159.8	148.1	136.6	125.0	114.5
130°	215.6	206.2	196.4	185.3	174.8	164.2	153.1	141.9	130.7	119.9	110.0
132.5°	205.9	196.7	186.9	177.0	166.9	156.8	146.2	135.4	124.8	114.6	105.0
135°	195.5	186.6	177.4	168.1	158.8	148.8	138.7	128.6	118.6	109.1	99.9
137.5°	184.4	176.2	167.7	159.1	150.1	140.6	130.9	121.4	111.9	103.3	94.8
140°	173.3	165.8	157.6	149.2	140.6	131.8	122.8	113.9	105.2	97.2	89.3
142.5°	162.3	154.8	147.0	139.1	131.7	122.9	114.5	106.0	97.9	89.9	82.8
145°	150.5	143.5	136.3	129.1	121.5	113.7	105.9	98.4	90.4	83.0	76.4
147.5°	138.1	131.7	125.3	118.6	111.6	104.5	97.4	90.3	83.2	76.7	70.6
150°	125.4	119.6	113.6	107.3	100.9	94.6	88.2	82.0	76.0	70.2	64.6
152.5°	112.7	107.2	101.5	95.8	90.2	84.3	78.9	73.3	67.9	62.7	58.0
155°	99.6	94.3	89.1	84.4	79.6	74.6	69.6	64.6	60.1	55.3	51.7
157.5°	86.6	82.3	77.8	73.3	69.1	64.8	60.3	56.4	52.5	48.8	45.7
160°	73.8	69.9	66.0	62.4	58.7	54.9	51.5	47.9	44.1	41.3	38.4
162.5°	60.9	57.6	54.6	51.4	48.3	45.5	42.5	39.4	36.9	34.5	32.0
165°	48.5	46.0	43.7	41.1	38.7	36.2	33.7	31.7	29.7	27.7	25.6
167.5°	36.6	34.9	33.0	31.1	29.1	27.3	25.8	24.2	22.6	20.9	19.8
170°	25.8	24.4	22.9	21.8	20.7	19.5	18.2	16.9	15.6	14.9	14.3
172.5°	16.3	15.6	14.9	14.1	13.3	12.4	11.5	11.1	10.7	10.3	9.9
175°	8.7	8.2	7.7	7.4	7.2	6.9	6.7	6.4	6.1	5.8	5.5
177.5°	4.2	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.1	3.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.8	2.7	2.5	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
5°	5.1	4.8	4.5	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6
7.5°	9.4	8.9	8.4	7.9	7.8	7.7	7.6	7.4	7.2	7.1	6.8
10°	13.7	13.1	12.4	11.7	11.6	11.4	11.3	11.1	10.8	10.6	10.3
12.5°	19.1	18.3	17.5	16.7	16.4	16.2	15.9	15.5	15.2	14.8	14.4
15°	24.5	23.6	22.6	21.6	21.3	20.9	20.4	20.0	19.6	19.2	18.8
17.5°	30.0	29.0	28.0	26.9	26.4	25.9	25.3	24.8	24.4	23.9	23.2
20°	35.5	34.4	33.3	32.1	31.5	30.8	30.1	29.6	29.1	28.6	27.7
22.5°	42.4	40.2	38.6	36.8	36.3	35.7	35.1	34.4	33.7	33.0	32.2
25°	48.5	45.8	44.0	42.1	41.5	40.9	40.2	39.4	38.5	37.6	36.7
27.5°	54.3	50.9	49.0	47.1	46.3	45.5	44.7	43.9	43.1	42.2	41.1
30°	60.3	55.9	54.0	52.0	51.1	50.0	49.3	48.4	47.7	46.8	45.4
32.5°	65.7	61.2	58.7	56.4	55.5	54.6	53.8	52.9	52.0	50.9	49.5
35°	70.9	66.4	63.3	60.7	60.0	59.2	58.3	57.3	56.2	54.9	53.3
37.5°	76.3	71.2	67.7	65.1	64.2	63.3	62.3	61.3	60.2	58.7	57.2
40°	81.8	76.1	72.1	69.5	68.4	67.3	66.3	65.2	64.0	62.4	61.0
42.5°	86.4	80.6	76.2	73.3	72.1	71.0	70.0	68.9	67.5	66.0	64.6
45°	91.2	85.0	80.4	77.1	75.8	74.7	73.7	72.5	71.1	69.5	68.1
47.5°	96.0	89.1	84.1	80.9	79.3	78.2	77.1	76.0	74.4	72.9	71.3
50°	100.8	93.3	87.8	84.7	82.9	81.6	80.5	79.3	77.7	76.0	74.2
52.5°	104.6	96.7	91.1	87.6	86.0	84.8	83.6	82.2	80.7	78.8	77.0
55°	108.4	99.9	94.3	90.5	89.1	87.9	86.5	85.1	83.7	81.5	79.6
57.5°	112.1	103.1	97.1	93.2	91.6	90.5	89.2	87.7	86.0	84.0	82.2
60°	115.7	106.3	99.8	95.8	94.2	93.1	91.9	90.2	88.2	86.4	84.6
62.5°	118.8	109.2	102.3	98.2	96.5	95.4	94.1	92.3	90.4	88.6	86.6
65°	121.7	112.2	104.6	100.5	98.8	97.6	96.1	94.4	92.6	90.6	88.4
67.5°	124.4	113.8	106.5	102.2	100.6	99.4	97.8	96.1	94.4	92.3	90.0
70°	126.3	115.8	108.3	104.0	102.3	101.1	99.5	97.7	95.7	93.7	91.3
72.5°	128.2	117.5	109.9	105.5	103.5	102.3	100.9	99.0	96.9	94.9	92.4
75°	130.1	119.1	111.6	106.9	104.7	103.5	102.3	100.1	98.2	96.0	93.7
77.5°	131.2	120.5	112.4	107.8	105.8	104.3	103.1	100.9	99.1	96.8	94.4
80°	132.1	122.1	113.3	108.6	106.9	105.1	104.0	101.7	99.9	97.6	94.8
82.5°	133.4	122.4	113.6	109.2	107.2	105.7	104.3	102.2	100.3	97.9	95.3
85°	134.3	122.7	113.9	109.8	107.5	106.3	104.6	102.8	100.5	98.1	95.8
87.5°	134.3	122.9	114.2	110.1	107.8	106.6	104.9	102.8	100.8	98.4	95.8
90°	134.3	123.2	114.5	110.4	108.1	106.9	105.1	102.8	101.0	98.7	95.8
92.5°	134.3	122.9	114.2	110.1	107.8	106.6	104.9	102.8	100.8	98.4	95.8
95°	134.3	122.7	113.9	109.8	107.5	106.3	104.6	102.8	100.5	98.1	95.8
97.5°	133.4	122.4	113.6	109.2	107.2	105.7	104.3	102.2	100.3	97.9	95.3
100°	132.1	122.1	113.3	108.6	106.9	105.1	104.0	101.7	99.9	97.6	94.8
102.5°	131.2	120.5	112.4	107.8	105.8	104.3	103.1	100.9	99.1	96.8	94.4
105°	130.1	119.1	111.6	106.9	104.7	103.5	102.3	100.1	98.2	96.0	93.7
107.5°	128.2	117.5	109.9	105.5	103.5	102.3	100.9	99.0	96.9	94.9	92.4
110°	126.3	115.8	108.3	104.0	102.3	101.1	99.5	97.7	95.7	93.7	91.3



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-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°	124.4	113.8	106.5	102.2	100.6	99.4	97.8	96.1	94.4	92.3	90.0
115°	121.7	112.2	104.6	100.5	98.8	97.6	96.1	94.4	92.6	90.6	88.4
117.5°	118.8	109.2	102.3	98.2	96.5	95.4	94.1	92.3	90.4	88.6	86.6
120°	115.7	106.3	99.8	95.8	94.2	93.1	91.9	90.2	88.2	86.4	84.6
122.5°	112.1	103.1	97.1	93.2	91.6	90.5	89.2	87.7	86.0	84.0	82.2
125°	108.4	99.9	94.3	90.5	89.1	87.9	86.5	85.1	83.7	81.5	79.6
127.5°	104.6	96.7	91.1	87.6	86.0	84.8	83.6	82.2	80.7	78.8	77.0
130°	100.8	93.3	87.8	84.7	82.9	81.6	80.5	79.3	77.7	76.0	74.2
132.5°	96.0	89.1	84.1	80.9	79.3	78.2	77.1	76.0	74.4	72.9	71.3
135°	91.2	85.0	80.4	77.1	75.8	74.7	73.7	72.5	71.1	69.5	68.1
137.5°	86.4	80.6	76.2	73.3	72.1	71.0	70.0	68.9	67.5	66.0	64.6
140°	81.8	76.1	72.1	69.5	68.4	67.3	66.3	65.2	64.0	62.4	61.0
142.5°	76.3	71.2	67.7	65.1	64.2	63.3	62.3	61.3	60.2	58.7	57.2
145°	70.9	66.4	63.3	60.7	60.0	59.2	58.3	57.3	56.2	54.9	53.3
147.5°	65.7	61.2	58.7	56.4	55.5	54.6	53.8	52.9	52.0	50.9	49.5
150°	60.3	55.9	54.0	52.0	51.1	50.0	49.3	48.4	47.7	46.8	45.4
152.5°	54.3	50.9	49.0	47.1	46.3	45.5	44.7	43.9	43.1	42.2	41.1
155°	48.5	45.8	44.0	42.1	41.5	40.9	40.2	39.4	38.5	37.6	36.7
157.5°	42.4	40.2	38.6	36.8	36.3	35.7	35.1	34.4	33.7	33.0	32.2
160°	35.5	34.4	33.3	32.1	31.5	30.8	30.1	29.6	29.1	28.6	27.7
162.5°	30.0	29.0	28.0	26.9	26.4	25.9	25.3	24.8	24.4	23.9	23.2
165°	24.5	23.6	22.6	21.6	21.3	20.9	20.4	20.0	19.6	19.2	18.8
167.5°	19.1	18.3	17.5	16.7	16.4	16.2	15.9	15.5	15.2	14.8	14.4
170°	13.7	13.1	12.4	11.7	11.6	11.4	11.3	11.1	10.8	10.6	10.3
172.5°	9.4	8.9	8.4	7.9	7.8	7.7	7.6	7.4	7.2	7.1	6.8
175°	5.1	4.8	4.5	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6
177.5°	2.8	2.7	2.5	2.4	2.3	2.3	2.3	2.2	2.2	2.1	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: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.4
5°	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.6	2.4	2.3
7.5°	6.6	6.4	6.1	5.8	5.5	5.2	4.8	4.5	4.1	3.7	3.4
10°	10.0	9.6	9.3	8.9	8.5	8.1	7.7	7.3	6.8	6.4	5.9
12.5°	14.0	13.5	13.0	12.4	11.8	11.2	10.5	9.9	9.3	8.7	8.1
15°	18.3	17.5	16.8	16.1	15.3	14.6	13.8	13.0	12.2	11.4	10.5
17.5°	22.4	21.6	20.7	19.8	19.0	18.1	17.2	16.3	15.3	14.3	13.3
20°	26.8	25.8	24.8	23.9	22.8	21.8	20.8	19.7	18.5	17.1	15.9
22.5°	31.3	30.2	29.0	27.8	26.8	25.7	24.5	23.0	21.6	20.1	18.7
25°	35.7	34.5	33.3	32.0	30.7	29.3	27.9	26.3	24.7	23.1	21.5
27.5°	39.9	38.6	37.3	35.9	34.4	32.9	31.3	29.7	27.9	26.0	24.2
30°	44.0	42.7	41.3	39.7	38.0	36.3	34.4	32.5	30.7	28.7	26.7
32.5°	48.0	46.7	45.2	43.3	41.5	39.7	37.8	35.8	33.8	31.8	29.7
35°	52.0	50.5	48.7	46.8	45.1	43.2	41.1	38.9	36.7	34.5	32.2
37.5°	55.8	54.2	52.3	50.4	48.4	46.3	44.1	41.8	39.5	37.1	34.6
40°	59.5	57.6	55.6	53.5	51.5	49.4	47.1	44.6	42.0	39.5	37.0
42.5°	63.0	61.1	58.8	56.6	54.5	52.3	49.9	47.2	44.5	42.0	39.2
45°	66.1	64.0	61.8	59.6	57.4	55.2	52.6	49.8	47.0	44.2	41.3
47.5°	69.2	67.1	64.9	62.5	60.0	57.5	54.9	52.1	49.3	46.4	43.4
50°	72.2	69.9	67.5	65.1	62.5	59.8	57.1	54.3	51.4	48.4	45.5
52.5°	75.0	72.6	70.2	67.6	65.0	62.2	59.3	56.4	53.5	50.2	47.2
55°	77.5	75.0	72.5	69.9	67.3	64.4	61.3	58.2	55.2	52.0	48.9
57.5°	79.9	77.4	74.8	71.9	69.3	66.3	63.1	60.0	57.1	53.7	50.3
60°	82.1	79.4	76.7	74.0	71.1	68.1	64.9	61.7	58.5	55.1	51.7
62.5°	84.2	81.3	78.8	75.9	72.8	69.7	66.5	63.1	59.9	56.3	52.7
65°	85.9	83.3	80.2	77.4	74.4	71.3	67.9	64.5	61.1	57.4	53.9
67.5°	87.5	84.8	81.7	79.1	76.0	72.5	69.2	65.8	62.2	58.5	54.7
70°	88.7	86.0	83.4	80.3	76.9	73.8	70.4	66.9	63.3	59.5	55.5
72.5°	89.8	87.1	84.2	81.2	78.0	74.7	71.4	67.6	63.9	60.2	56.1
75°	90.9	88.0	85.1	81.9	78.7	75.4	72.1	68.4	64.5	60.7	56.7
77.5°	91.7	88.8	85.9	82.5	79.4	76.1	72.6	69.0	65.1	61.0	57.0
80°	92.4	89.5	86.5	83.1	79.7	76.3	73.0	69.4	65.3	61.2	57.1
82.5°	92.7	89.9	86.9	83.4	80.0	76.5	73.4	69.6	65.5	61.4	57.4
85°	93.0	90.1	87.1	83.6	80.1	76.6	73.2	69.6	65.5	61.4	57.3
87.5°	93.2	90.3	87.0	83.8	80.3	76.8	73.3	69.6	65.5	61.4	57.3
90°	93.5	90.5	87.0	84.1	80.6	77.1	73.6	69.5	65.4	61.3	57.2
92.5°	93.2	90.3	87.0	83.8	80.3	76.8	73.3	69.6	65.5	61.4	57.3
95°	93.0	90.1	87.1	83.6	80.1	76.6	73.2	69.6	65.5	61.4	57.3
97.5°	92.7	89.9	86.9	83.4	80.0	76.5	73.4	69.6	65.5	61.4	57.4
100°	92.4	89.5	86.5	83.1	79.7	76.3	73.0	69.4	65.3	61.2	57.1
102.5°	91.7	88.8	85.9	82.5	79.4	76.1	72.6	69.0	65.1	61.0	57.0
105°	90.9	88.0	85.1	81.9	78.7	75.4	72.1	68.4	64.5	60.7	56.7
107.5°	89.8	87.1	84.2	81.2	78.0	74.7	71.4	67.6	63.9	60.2	56.1
110°	88.7	86.0	83.4	80.3	76.9	73.8	70.4	66.9	63.3	59.5	55.5



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	87.5	84.8	81.7	79.1	76.0	72.5	69.2	65.8	62.2	58.5	54.7
115°	85.9	83.3	80.2	77.4	74.4	71.3	67.9	64.5	61.1	57.4	53.9
117.5°	84.2	81.3	78.8	75.9	72.8	69.7	66.5	63.1	59.9	56.3	52.7
120°	82.1	79.4	76.7	74.0	71.1	68.1	64.9	61.7	58.5	55.1	51.7
122.5°	79.9	77.4	74.8	71.9	69.3	66.3	63.1	60.0	57.1	53.7	50.3
125°	77.5	75.0	72.5	69.9	67.3	64.4	61.3	58.2	55.2	52.0	48.9
127.5°	75.0	72.6	70.2	67.6	65.0	62.2	59.3	56.4	53.5	50.2	47.2
130°	72.2	69.9	67.5	65.1	62.5	59.8	57.1	54.3	51.4	48.4	45.5
132.5°	69.2	67.1	64.9	62.5	60.0	57.5	54.9	52.1	49.3	46.4	43.4
135°	66.1	64.0	61.8	59.6	57.4	55.2	52.6	49.8	47.0	44.2	41.3
137.5°	63.0	61.1	58.8	56.6	54.5	52.3	49.9	47.2	44.5	42.0	39.2
140°	59.5	57.6	55.6	53.5	51.5	49.4	47.1	44.6	42.0	39.5	37.0
142.5°	55.8	54.2	52.3	50.4	48.4	46.3	44.1	41.8	39.5	37.1	34.6
145°	52.0	50.5	48.7	46.8	45.1	43.2	41.1	38.9	36.7	34.5	32.2
147.5°	48.0	46.7	45.2	43.3	41.5	39.7	37.8	35.8	33.8	31.8	29.7
150°	44.0	42.7	41.3	39.7	38.0	36.3	34.4	32.5	30.7	28.7	26.7
152.5°	39.9	38.6	37.3	35.9	34.4	32.9	31.3	29.7	27.9	26.0	24.2
155°	35.7	34.5	33.3	32.0	30.7	29.3	27.9	26.3	24.7	23.1	21.5
157.5°	31.3	30.2	29.0	27.8	26.8	25.7	24.5	23.0	21.6	20.1	18.7
160°	26.8	25.8	24.8	23.9	22.8	21.8	20.8	19.7	18.5	17.1	15.9
162.5°	22.4	21.6	20.7	19.8	19.0	18.1	17.2	16.3	15.3	14.3	13.3
165°	18.3	17.5	16.8	16.1	15.3	14.6	13.8	13.0	12.2	11.4	10.5
167.5°	14.0	13.5	13.0	12.4	11.8	11.2	10.5	9.9	9.3	8.7	8.1
170°	10.0	9.6	9.3	8.9	8.5	8.1	7.7	7.3	6.8	6.4	5.9
172.5°	6.6	6.4	6.1	5.8	5.5	5.2	4.8	4.5	4.1	3.7	3.4
175°	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.6	2.4	2.3
177.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.6
5°	2.2	2.0	1.9	1.8	1.7	1.5	1.4	1.3	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°	5.4	4.9	4.4	3.8	3.3	2.6	2.4	2.2	1.9	1.7	1.5
12.5°	7.4	6.8	6.1	5.4	4.8	4.1	3.4	2.8	2.2	2.0	1.8
15°	9.6	8.7	8.0	7.2	6.4	5.6	4.8	4.0	3.1	2.3	1.8
17.5°	12.2	11.1	9.9	8.8	7.8	6.9	5.9	5.0	4.1	3.2	2.3
20°	14.6	13.3	12.1	10.8	9.5	8.2	7.0	6.0	5.1	4.1	3.2
22.5°	17.2	15.8	14.3	12.8	11.3	9.8	8.3	6.9	5.8	4.7	3.6
25°	19.8	18.1	16.3	14.5	13.0	11.4	9.8	8.1	6.5	5.2	4.1
27.5°	22.3	20.5	18.6	16.8	14.8	12.9	11.1	9.3	7.5	5.7	4.5
30°	24.8	22.8	20.7	18.7	16.5	14.5	12.5	10.6	8.7	6.8	4.9
32.5°	27.3	25.1	22.9	20.5	18.4	16.2	14.0	11.5	9.5	7.6	5.6
35°	29.7	27.4	25.1	22.7	20.2	17.7	15.3	12.9	10.6	8.5	6.3
37.5°	32.1	29.7	27.1	24.6	22.0	19.3	16.7	14.2	11.6	9.0	6.8
40°	34.4	31.7	29.0	26.1	23.3	20.8	18.2	15.3	12.4	9.7	7.2
42.5°	36.5	33.8	30.9	28.0	25.2	22.1	18.8	15.8	13.0	10.4	8.0
45°	38.5	35.7	32.8	29.8	26.4	23.0	19.8	16.5	13.6	10.9	8.3
47.5°	40.5	37.4	34.3	31.0	27.6	24.2	20.7	17.2	14.5	11.3	8.4
50°	42.3	39.0	35.7	32.1	28.5	24.8	21.1	17.8	14.8	11.8	8.8
52.5°	43.9	40.3	37.0	33.1	29.2	25.4	21.8	18.3	15.1	12.0	9.1
55°	45.3	41.8	38.3	34.2	30.1	26.1	22.3	18.8	15.7	12.4	9.3
57.5°	46.7	43.2	39.4	35.2	31.2	26.8	22.8	19.4	16.1	12.6	9.4
60°	47.9	44.3	40.3	35.8	31.6	27.3	23.2	19.7	16.2	12.7	9.5
62.5°	49.1	45.4	41.3	36.7	32.2	27.9	23.6	19.8	16.1	12.8	9.7
65°	50.2	46.3	42.1	37.5	32.8	28.4	24.1	20.0	16.6	12.9	9.7
67.5°	50.9	47.1	43.1	38.6	33.6	29.0	24.4	20.3	16.7	12.9	9.7
70°	51.7	47.7	43.5	39.2	34.2	29.0	24.4	20.2	16.7	12.7	9.6
72.5°	52.4	48.2	44.2	39.9	35.1	29.7	25.0	20.5	16.4	12.6	9.2
75°	52.9	48.7	44.7	40.1	35.5	30.2	25.0	20.6	16.4	12.5	8.9
77.5°	53.0	48.9	44.7	40.2	36.0	31.1	25.9	20.8	16.1	12.2	8.6
80°	53.0	48.9	44.7	40.2	35.9	31.5	26.4	20.9	16.2	12.0	8.2
82.5°	53.2	48.8	44.6	40.3	35.9	31.4	26.6	21.6	16.5	11.8	7.8
85°	53.3	48.7	44.3	40.2	35.6	31.1	26.4	22.0	17.2	12.4	7.6
87.5°	53.3	48.8	44.0	39.8	35.2	31.2	25.9	21.8	17.1	12.9	8.1
90°	53.2	49.1	44.4	39.7	35.6	31.0	26.3	21.6	16.9	12.3	8.2
92.5°	53.3	48.8	44.0	39.8	35.2	31.2	25.9	21.8	17.1	12.9	8.1
95°	53.3	48.7	44.3	40.2	35.6	31.1	26.4	22.0	17.2	12.4	7.6
97.5°	53.2	48.8	44.6	40.3	35.9	31.4	26.6	21.6	16.5	11.8	7.8
100°	53.0	48.9	44.7	40.2	35.9	31.5	26.4	20.9	16.2	12.0	8.2
102.5°	53.0	48.9	44.7	40.2	36.0	31.1	25.9	20.8	16.1	12.2	8.6
105°	52.9	48.7	44.7	40.1	35.5	30.2	25.0	20.6	16.4	12.5	8.9
107.5°	52.4	48.2	44.2	39.9	35.1	29.7	25.0	20.5	16.4	12.6	9.2
110°	51.7	47.7	43.5	39.2	34.2	29.0	24.4	20.2	16.7	12.7	9.6



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-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°	50.9	47.1	43.1	38.6	33.6	29.0	24.4	20.3	16.7	12.9	9.7
115°	50.2	46.3	42.1	37.5	32.8	28.4	24.1	20.0	16.6	12.9	9.7
117.5°	49.1	45.4	41.3	36.7	32.2	27.9	23.6	19.8	16.1	12.8	9.7
120°	47.9	44.3	40.3	35.8	31.6	27.3	23.2	19.7	16.2	12.7	9.5
122.5°	46.7	43.2	39.4	35.2	31.2	26.8	22.8	19.4	16.1	12.6	9.4
125°	45.3	41.8	38.3	34.2	30.1	26.1	22.3	18.8	15.7	12.4	9.3
127.5°	43.9	40.3	37.0	33.1	29.2	25.4	21.8	18.3	15.1	12.0	9.1
130°	42.3	39.0	35.7	32.1	28.5	24.8	21.1	17.8	14.8	11.8	8.8
132.5°	40.5	37.4	34.3	31.0	27.6	24.2	20.7	17.2	14.5	11.3	8.4
135°	38.5	35.7	32.8	29.8	26.4	23.0	19.8	16.5	13.6	10.9	8.3
137.5°	36.5	33.8	30.9	28.0	25.2	22.1	18.8	15.8	13.0	10.4	8.0
140°	34.4	31.7	29.0	26.1	23.3	20.8	18.2	15.3	12.4	9.7	7.2
142.5°	32.1	29.7	27.1	24.6	22.0	19.3	16.7	14.2	11.6	9.0	6.8
145°	29.7	27.4	25.1	22.7	20.2	17.7	15.3	12.9	10.6	8.5	6.3
147.5°	27.3	25.1	22.9	20.5	18.4	16.2	14.0	11.5	9.5	7.6	5.6
150°	24.8	22.8	20.7	18.7	16.5	14.5	12.5	10.6	8.7	6.8	4.9
152.5°	22.3	20.5	18.6	16.8	14.8	12.9	11.1	9.3	7.5	5.7	4.5
155°	19.8	18.1	16.3	14.5	13.0	11.4	9.8	8.1	6.5	5.2	4.1
157.5°	17.2	15.8	14.3	12.8	11.3	9.8	8.3	6.9	5.8	4.7	3.6
160°	14.6	13.3	12.1	10.8	9.5	8.2	7.0	6.0	5.1	4.1	3.2
162.5°	12.2	11.1	9.9	8.8	7.8	6.9	5.9	5.0	4.1	3.2	2.3
165°	9.6	8.7	8.0	7.2	6.4	5.6	4.8	4.0	3.1	2.3	1.8
167.5°	7.4	6.8	6.1	5.4	4.8	4.1	3.4	2.8	2.2	2.0	1.8
170°	5.4	4.9	4.4	3.8	3.3	2.6	2.4	2.2	1.9	1.7	1.5
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°	2.2	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.9
177.5°	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.1	0.2	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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
12.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
15°	1.5	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
17.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
20°	2.2	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
22.5°	2.6	1.5	1.1	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.1
25°	3.0	1.9	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
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°	3.7	2.4	1.2	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.2
32.5°	3.9	2.7	1.6	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.6
35°	4.2	2.9	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
37.5°	4.6	2.8	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.7
40°	5.1	2.9	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.6
42.5°	5.6	3.3	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.6
45°	5.7	3.6	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.7
47.5°	5.8	3.7	1.9	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.9
50°	6.0	3.6	1.8	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.8
52.5°	6.5	3.9	2.0	0.6	0.2	0.0	0.0	0.0	0.2	0.6	2.0
55°	6.2	3.9	2.0	0.8	0.3	0.0	0.0	0.0	0.3	0.8	2.0
57.5°	6.4	3.9	1.9	1.0	0.6	0.6	0.6	0.6	0.6	1.0	1.9
60°	6.8	4.3	2.3	1.0	0.6	0.6	0.6	0.6	0.6	1.0	2.3
62.5°	7.0	4.1	2.2	0.7	0.1	0.6	0.6	0.6	0.1	0.7	2.2
65°	7.0	4.2	2.1	0.7	0.5	0.6	0.6	0.6	0.5	0.7	2.1
67.5°	6.9	4.2	2.1	0.6	0.1	0.5	0.6	0.5	0.1	0.6	2.1
70°	7.0	4.2	1.9	0.6	0.0	0.4	0.6	0.4	0.0	0.6	1.9
72.5°	6.6	4.3	2.1	0.4	0.0	0.6	0.6	0.6	0.0	0.4	2.1
75°	6.1	3.6	1.8	0.5	0.0	0.6	0.6	0.6	0.0	0.5	1.8
77.5°	5.8	3.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
80°	5.2	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	4.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	3.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.2	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	5.8	3.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
105°	6.1	3.6	1.8	0.5	0.0	0.6	0.6	0.6	0.0	0.5	1.8
107.5°	6.6	4.3	2.1	0.4	0.0	0.6	0.6	0.6	0.0	0.4	2.1
110°	7.0	4.2	1.9	0.6	0.0	0.4	0.6	0.4	0.0	0.6	1.9



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	6.9	4.2	2.1	0.6	0.1	0.5	0.6	0.5	0.1	0.6	2.1
115°	7.0	4.2	2.1	0.7	0.5	0.6	0.6	0.6	0.5	0.7	2.1
117.5°	7.0	4.1	2.2	0.7	0.1	0.6	0.6	0.6	0.1	0.7	2.2
120°	6.8	4.3	2.3	1.0	0.6	0.6	0.6	0.6	0.6	1.0	2.3
122.5°	6.4	3.9	1.9	1.0	0.6	0.6	0.6	0.6	0.6	1.0	1.9
125°	6.2	3.9	2.0	0.8	0.3	0.0	0.0	0.0	0.3	0.8	2.0
127.5°	6.5	3.9	2.0	0.6	0.2	0.0	0.0	0.0	0.2	0.6	2.0
130°	6.0	3.6	1.8	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.8
132.5°	5.8	3.7	1.9	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.9
135°	5.7	3.6	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.7
137.5°	5.6	3.3	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.6
140°	5.1	2.9	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.6
142.5°	4.6	2.8	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.7
145°	4.2	2.9	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
147.5°	3.9	2.7	1.6	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.6
150°	3.7	2.4	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	1.9	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
157.5°	2.6	1.5	1.1	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.1
160°	2.2	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
162.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
165°	1.5	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
167.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
170°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.1	0.2	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: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	0.4	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.2
5°	0.6	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9
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°	1.0	1.2	1.5	1.7	1.9	2.2	2.4	2.6	3.3	3.8	4.4
12.5°	1.3	1.5	1.8	2.0	2.2	2.8	3.4	4.1	4.8	5.4	6.1
15°	1.2	1.5	1.8	2.3	3.1	4.0	4.8	5.6	6.4	7.2	8.0
17.5°	1.4	1.7	2.3	3.2	4.1	5.0	5.9	6.9	7.8	8.8	9.9
20°	1.6	2.2	3.2	4.1	5.1	6.0	7.0	8.2	9.5	10.8	12.1
22.5°	1.5	2.6	3.6	4.7	5.8	6.9	8.3	9.8	11.3	12.8	14.3
25°	1.9	3.0	4.1	5.2	6.5	8.1	9.8	11.4	13.0	14.5	16.3
27.5°	2.1	3.3	4.5	5.7	7.5	9.3	11.1	12.9	14.8	16.8	18.6
30°	2.4	3.7	4.9	6.8	8.7	10.6	12.5	14.5	16.5	18.7	20.7
32.5°	2.7	3.9	5.6	7.6	9.5	11.5	14.0	16.2	18.4	20.5	22.9
35°	2.9	4.2	6.3	8.5	10.6	12.9	15.3	17.7	20.2	22.7	25.1
37.5°	2.8	4.6	6.8	9.0	11.6	14.2	16.7	19.3	22.0	24.6	27.1
40°	2.9	5.1	7.2	9.7	12.4	15.3	18.2	20.8	23.3	26.1	29.0
42.5°	3.3	5.6	8.0	10.4	13.0	15.8	18.8	22.1	25.2	28.0	30.9
45°	3.6	5.7	8.3	10.9	13.6	16.5	19.8	23.0	26.4	29.8	32.8
47.5°	3.7	5.8	8.4	11.3	14.5	17.2	20.7	24.2	27.6	31.0	34.3
50°	3.6	6.0	8.8	11.8	14.8	17.8	21.1	24.8	28.5	32.1	35.7
52.5°	3.9	6.5	9.1	12.0	15.1	18.3	21.8	25.4	29.2	33.1	37.0
55°	3.9	6.2	9.3	12.4	15.7	18.8	22.3	26.1	30.1	34.2	38.3
57.5°	3.9	6.4	9.4	12.6	16.1	19.4	22.8	26.8	31.2	35.2	39.4
60°	4.3	6.8	9.5	12.7	16.2	19.7	23.2	27.3	31.6	35.8	40.3
62.5°	4.1	7.0	9.7	12.8	16.1	19.8	23.6	27.9	32.2	36.7	41.3
65°	4.2	7.0	9.7	12.9	16.6	20.0	24.1	28.4	32.8	37.5	42.1
67.5°	4.2	6.9	9.7	12.9	16.7	20.3	24.4	29.0	33.6	38.6	43.1
70°	4.2	7.0	9.6	12.7	16.7	20.2	24.4	29.0	34.2	39.2	43.5
72.5°	4.3	6.6	9.2	12.6	16.4	20.5	25.0	29.7	35.1	39.9	44.2
75°	3.6	6.1	8.9	12.5	16.4	20.6	25.0	30.2	35.5	40.1	44.7
77.5°	3.4	5.8	8.6	12.2	16.1	20.8	25.9	31.1	36.0	40.2	44.7
80°	2.8	5.2	8.2	12.0	16.2	20.9	26.4	31.5	35.9	40.2	44.7
82.5°	1.9	4.6	7.8	11.8	16.5	21.6	26.6	31.4	35.9	40.3	44.6
85°	1.1	4.0	7.6	12.4	17.2	22.0	26.4	31.1	35.6	40.2	44.3
87.5°	0.3	3.4	8.1	12.9	17.1	21.8	25.9	31.2	35.2	39.8	44.0
90°	0.0	4.1	8.2	12.3	16.9	21.6	26.3	31.0	35.6	39.7	44.4
92.5°	0.3	3.4	8.1	12.9	17.1	21.8	25.9	31.2	35.2	39.8	44.0
95°	1.1	4.0	7.6	12.4	17.2	22.0	26.4	31.1	35.6	40.2	44.3
97.5°	1.9	4.6	7.8	11.8	16.5	21.6	26.6	31.4	35.9	40.3	44.6
100°	2.8	5.2	8.2	12.0	16.2	20.9	26.4	31.5	35.9	40.2	44.7
102.5°	3.4	5.8	8.6	12.2	16.1	20.8	25.9	31.1	36.0	40.2	44.7
105°	3.6	6.1	8.9	12.5	16.4	20.6	25.0	30.2	35.5	40.1	44.7
107.5°	4.3	6.6	9.2	12.6	16.4	20.5	25.0	29.7	35.1	39.9	44.2
110°	4.2	7.0	9.6	12.7	16.7	20.2	24.4	29.0	34.2	39.2	43.5



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-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°	4.2	6.9	9.7	12.9	16.7	20.3	24.4	29.0	33.6	38.6	43.1
115°	4.2	7.0	9.7	12.9	16.6	20.0	24.1	28.4	32.8	37.5	42.1
117.5°	4.1	7.0	9.7	12.8	16.1	19.8	23.6	27.9	32.2	36.7	41.3
120°	4.3	6.8	9.5	12.7	16.2	19.7	23.2	27.3	31.6	35.8	40.3
122.5°	3.9	6.4	9.4	12.6	16.1	19.4	22.8	26.8	31.2	35.2	39.4
125°	3.9	6.2	9.3	12.4	15.7	18.8	22.3	26.1	30.1	34.2	38.3
127.5°	3.9	6.5	9.1	12.0	15.1	18.3	21.8	25.4	29.2	33.1	37.0
130°	3.6	6.0	8.8	11.8	14.8	17.8	21.1	24.8	28.5	32.1	35.7
132.5°	3.7	5.8	8.4	11.3	14.5	17.2	20.7	24.2	27.6	31.0	34.3
135°	3.6	5.7	8.3	10.9	13.6	16.5	19.8	23.0	26.4	29.8	32.8
137.5°	3.3	5.6	8.0	10.4	13.0	15.8	18.8	22.1	25.2	28.0	30.9
140°	2.9	5.1	7.2	9.7	12.4	15.3	18.2	20.8	23.3	26.1	29.0
142.5°	2.8	4.6	6.8	9.0	11.6	14.2	16.7	19.3	22.0	24.6	27.1
145°	2.9	4.2	6.3	8.5	10.6	12.9	15.3	17.7	20.2	22.7	25.1
147.5°	2.7	3.9	5.6	7.6	9.5	11.5	14.0	16.2	18.4	20.5	22.9
150°	2.4	3.7	4.9	6.8	8.7	10.6	12.5	14.5	16.5	18.7	20.7
152.5°	2.1	3.3	4.5	5.7	7.5	9.3	11.1	12.9	14.8	16.8	18.6
155°	1.9	3.0	4.1	5.2	6.5	8.1	9.8	11.4	13.0	14.5	16.3
157.5°	1.5	2.6	3.6	4.7	5.8	6.9	8.3	9.8	11.3	12.8	14.3
160°	1.6	2.2	3.2	4.1	5.1	6.0	7.0	8.2	9.5	10.8	12.1
162.5°	1.4	1.7	2.3	3.2	4.1	5.0	5.9	6.9	7.8	8.8	9.9
165°	1.2	1.5	1.8	2.3	3.1	4.0	4.8	5.6	6.4	7.2	8.0
167.5°	1.3	1.5	1.8	2.0	2.2	2.8	3.4	4.1	4.8	5.4	6.1
170°	1.0	1.2	1.5	1.7	1.9	2.2	2.4	2.6	3.3	3.8	4.4
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	1.3	1.4	1.5	1.7	1.8	1.9
177.5°	0.4	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.2
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: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9
5°	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.2	3.3
7.5°	2.8	2.9	3.4	3.7	4.1	4.5	4.8	5.2	5.5	5.8	6.1
10°	4.9	5.4	5.9	6.4	6.8	7.3	7.7	8.1	8.5	8.9	9.3
12.5°	6.8	7.4	8.1	8.7	9.3	9.9	10.5	11.2	11.8	12.4	13.0
15°	8.7	9.6	10.5	11.4	12.2	13.0	13.8	14.6	15.3	16.1	16.8
17.5°	11.1	12.2	13.3	14.3	15.3	16.3	17.2	18.1	19.0	19.8	20.7
20°	13.3	14.6	15.9	17.1	18.5	19.7	20.8	21.8	22.8	23.9	24.8
22.5°	15.8	17.2	18.7	20.1	21.6	23.0	24.5	25.7	26.8	27.8	29.0
25°	18.1	19.8	21.5	23.1	24.7	26.3	27.9	29.3	30.7	32.0	33.3
27.5°	20.5	22.3	24.2	26.0	27.9	29.7	31.3	32.9	34.4	35.9	37.3
30°	22.8	24.8	26.7	28.7	30.7	32.5	34.4	36.3	38.0	39.7	41.3
32.5°	25.1	27.3	29.7	31.8	33.8	35.8	37.8	39.7	41.5	43.3	45.2
35°	27.4	29.7	32.2	34.5	36.7	38.9	41.1	43.2	45.1	46.8	48.7
37.5°	29.7	32.1	34.6	37.1	39.5	41.8	44.1	46.3	48.4	50.4	52.3
40°	31.7	34.4	37.0	39.5	42.0	44.6	47.1	49.4	51.5	53.5	55.6
42.5°	33.8	36.5	39.2	42.0	44.5	47.2	49.9	52.3	54.5	56.6	58.8
45°	35.7	38.5	41.3	44.2	47.0	49.8	52.6	55.2	57.4	59.6	61.8
47.5°	37.4	40.5	43.4	46.4	49.3	52.1	54.9	57.5	60.0	62.5	64.9
50°	39.0	42.3	45.5	48.4	51.4	54.3	57.1	59.8	62.5	65.1	67.5
52.5°	40.3	43.9	47.2	50.2	53.5	56.4	59.3	62.2	65.0	67.6	70.2
55°	41.8	45.3	48.9	52.0	55.2	58.2	61.3	64.4	67.3	69.9	72.5
57.5°	43.2	46.7	50.3	53.7	57.1	60.0	63.1	66.3	69.3	71.9	74.8
60°	44.3	47.9	51.7	55.1	58.5	61.7	64.9	68.1	71.1	74.0	76.7
62.5°	45.4	49.1	52.7	56.3	59.9	63.1	66.5	69.7	72.8	75.9	78.8
65°	46.3	50.2	53.9	57.4	61.1	64.5	67.9	71.3	74.4	77.4	80.2
67.5°	47.1	50.9	54.7	58.5	62.2	65.8	69.2	72.5	76.0	79.1	81.7
70°	47.7	51.7	55.5	59.5	63.3	66.9	70.4	73.8	76.9	80.3	83.4
72.5°	48.2	52.4	56.1	60.2	63.9	67.6	71.4	74.7	78.0	81.2	84.2
75°	48.7	52.9	56.7	60.7	64.5	68.4	72.1	75.4	78.7	81.9	85.1
77.5°	48.9	53.0	57.0	61.0	65.1	69.0	72.6	76.1	79.4	82.5	85.9
80°	48.9	53.0	57.1	61.2	65.3	69.4	73.0	76.3	79.7	83.1	86.5
82.5°	48.8	53.2	57.4	61.4	65.5	69.6	73.4	76.5	80.0	83.4	86.9
85°	48.7	53.3	57.3	61.4	65.5	69.6	73.2	76.6	80.1	83.6	87.1
87.5°	48.8	53.3	57.3	61.4	65.5	69.6	73.2	76.6	80.1	83.6	87.1
90°	49.1	53.2	57.2	61.3	65.4	69.5	73.6	77.1	80.6	84.1	87.0
92.5°	48.8	53.3	57.3	61.4	65.5	69.6	73.3	76.8	80.3	83.8	87.0
95°	48.7	53.3	57.3	61.4	65.5	69.6	73.2	76.6	80.1	83.6	87.1
97.5°	48.8	53.2	57.4	61.4	65.5	69.6	73.4	76.5	80.0	83.4	86.9
100°	48.9	53.0	57.1	61.2	65.3	69.4	73.0	76.3	79.7	83.1	86.5
102.5°	48.9	53.0	57.0	61.0	65.1	69.0	72.6	76.1	79.4	82.5	85.9
105°	48.7	52.9	56.7	60.7	64.5	68.4	72.1	75.4	78.7	81.9	85.1
107.5°	48.2	52.4	56.1	60.2	63.9	67.6	71.4	74.7	78.0	81.2	84.2
110°	47.7	51.7	55.5	59.5	63.3	66.9	70.4	73.8	76.9	80.3	83.4



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	47.1	50.9	54.7	58.5	62.2	65.8	69.2	72.5	76.0	79.1	81.7
115°	46.3	50.2	53.9	57.4	61.1	64.5	67.9	71.3	74.4	77.4	80.2
117.5°	45.4	49.1	52.7	56.3	59.9	63.1	66.5	69.7	72.8	75.9	78.8
120°	44.3	47.9	51.7	55.1	58.5	61.7	64.9	68.1	71.1	74.0	76.7
122.5°	43.2	46.7	50.3	53.7	57.1	60.0	63.1	66.3	69.3	71.9	74.8
125°	41.8	45.3	48.9	52.0	55.2	58.2	61.3	64.4	67.3	69.9	72.5
127.5°	40.3	43.9	47.2	50.2	53.5	56.4	59.3	62.2	65.0	67.6	70.2
130°	39.0	42.3	45.5	48.4	51.4	54.3	57.1	59.8	62.5	65.1	67.5
132.5°	37.4	40.5	43.4	46.4	49.3	52.1	54.9	57.5	60.0	62.5	64.9
135°	35.7	38.5	41.3	44.2	47.0	49.8	52.6	55.2	57.4	59.6	61.8
137.5°	33.8	36.5	39.2	42.0	44.5	47.2	49.9	52.3	54.5	56.6	58.8
140°	31.7	34.4	37.0	39.5	42.0	44.6	47.1	49.4	51.5	53.5	55.6
142.5°	29.7	32.1	34.6	37.1	39.5	41.8	44.1	46.3	48.4	50.4	52.3
145°	27.4	29.7	32.2	34.5	36.7	38.9	41.1	43.2	45.1	46.8	48.7
147.5°	25.1	27.3	29.7	31.8	33.8	35.8	37.8	39.7	41.5	43.3	45.2
150°	22.8	24.8	26.7	28.7	30.7	32.5	34.4	36.3	38.0	39.7	41.3
152.5°	20.5	22.3	24.2	26.0	27.9	29.7	31.3	32.9	34.4	35.9	37.3
155°	18.1	19.8	21.5	23.1	24.7	26.3	27.9	29.3	30.7	32.0	33.3
157.5°	15.8	17.2	18.7	20.1	21.6	23.0	24.5	25.7	26.8	27.8	29.0
160°	13.3	14.6	15.9	17.1	18.5	19.7	20.8	21.8	22.8	23.9	24.8
162.5°	11.1	12.2	13.3	14.3	15.3	16.3	17.2	18.1	19.0	19.8	20.7
165°	8.7	9.6	10.5	11.4	12.2	13.0	13.8	14.6	15.3	16.1	16.8
167.5°	6.8	7.4	8.1	8.7	9.3	9.9	10.5	11.2	11.8	12.4	13.0
170°	4.9	5.4	5.9	6.4	6.8	7.3	7.7	8.1	8.5	8.9	9.3
172.5°	2.8	2.9	3.4	3.7	4.1	4.5	4.8	5.2	5.5	5.8	6.1
175°	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.2	3.3
177.5°	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9
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: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.5
5°	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.5
7.5°	6.4	6.6	6.8	7.1	7.2	7.4	7.6	7.7	7.8	7.9	8.4
10°	9.6	10.0	10.3	10.6	10.8	11.1	11.3	11.4	11.6	11.7	12.4
12.5°	13.5	14.0	14.4	14.8	15.2	15.5	15.9	16.2	16.4	16.7	17.5
15°	17.5	18.3	18.8	19.2	19.6	20.0	20.4	20.9	21.3	21.6	22.6
17.5°	21.6	22.4	23.2	23.9	24.4	24.8	25.3	25.9	26.4	26.9	28.0
20°	25.8	26.8	27.7	28.6	29.1	29.6	30.1	30.8	31.5	32.1	33.3
22.5°	30.2	31.3	32.2	33.0	33.7	34.4	35.1	35.7	36.3	36.8	38.6
25°	34.5	35.7	36.7	37.6	38.5	39.4	40.2	40.9	41.5	42.1	44.0
27.5°	38.6	39.9	41.1	42.2	43.1	43.9	44.7	45.5	46.3	47.1	49.0
30°	42.7	44.0	45.4	46.8	47.7	48.4	49.3	50.0	51.1	52.0	54.0
32.5°	46.7	48.0	49.5	50.9	52.0	52.9	53.8	54.6	55.5	56.4	58.7
35°	50.5	52.0	53.3	54.9	56.2	57.3	58.3	59.2	60.0	60.7	63.3
37.5°	54.2	55.8	57.2	58.7	60.2	61.3	62.3	63.3	64.2	65.1	67.7
40°	57.6	59.5	61.0	62.4	64.0	65.2	66.3	67.3	68.4	69.5	72.1
42.5°	61.1	63.0	64.6	66.0	67.5	68.9	70.0	71.0	72.1	73.3	76.2
45°	64.0	66.1	68.1	69.5	71.1	72.5	73.7	74.7	75.8	77.1	80.4
47.5°	67.1	69.2	71.3	72.9	74.4	76.0	77.1	78.2	79.3	80.9	84.1
50°	69.9	72.2	74.2	76.0	77.7	79.3	80.5	81.6	82.9	84.7	87.8
52.5°	72.6	75.0	77.0	78.8	80.7	82.2	83.6	84.8	86.0	87.6	91.1
55°	75.0	77.5	79.6	81.5	83.7	85.1	86.5	87.9	89.1	90.5	94.3
57.5°	77.4	79.9	82.2	84.0	86.0	87.7	89.2	90.5	91.6	93.2	97.1
60°	79.4	82.1	84.6	86.4	88.2	90.2	91.9	93.1	94.2	95.8	99.8
62.5°	81.3	84.2	86.6	88.6	90.4	92.3	94.1	95.4	96.5	98.2	102.3
65°	83.3	85.9	88.4	90.6	92.6	94.4	96.1	97.6	98.8	100.5	104.6
67.5°	84.8	87.5	90.0	92.3	94.4	96.1	97.8	99.4	100.6	102.2	106.5
70°	86.0	88.7	91.3	93.7	95.7	97.7	99.5	101.1	102.3	104.0	108.3
72.5°	87.1	89.8	92.4	94.9	96.9	99.0	100.9	102.3	103.5	105.5	109.9
75°	88.0	90.9	93.7	96.0	98.2	100.1	102.3	103.5	104.7	106.9	111.6
77.5°	88.8	91.7	94.4	96.8	99.1	100.9	103.1	104.3	105.8	107.8	112.4
80°	89.5	92.4	94.8	97.6	99.9	101.7	104.0	105.1	106.9	108.6	113.3
82.5°	89.9	92.7	95.3	97.9	100.3	102.2	104.3	105.7	107.2	109.2	113.6
85°	90.1	93.0	95.8	98.1	100.5	102.8	104.6	106.3	107.5	109.8	113.9
87.5°	90.3	93.2	95.8	98.4	100.8	102.8	104.9	106.6	107.8	110.1	114.2
90°	90.5	93.5	95.8	98.7	101.0	102.8	105.1	106.9	108.1	110.4	114.5
92.5°	90.3	93.2	95.8	98.4	100.8	102.8	104.9	106.6	107.8	110.1	114.2
95°	90.1	93.0	95.8	98.1	100.5	102.8	104.6	106.3	107.5	109.8	113.9
97.5°	89.9	92.7	95.3	97.9	100.3	102.2	104.3	105.7	107.2	109.2	113.6
100°	89.5	92.4	94.8	97.6	99.9	101.7	104.0	105.1	106.9	108.6	113.3
102.5°	88.8	91.7	94.4	96.8	99.1	100.9	103.1	104.3	105.8	107.8	112.4
105°	88.0	90.9	93.7	96.0	98.2	100.1	102.3	103.5	104.7	106.9	111.6
107.5°	87.1	89.8	92.4	94.9	96.9	99.0	100.9	102.3	103.5	105.5	109.9
110°	86.0	88.7	91.3	93.7	95.7	97.7	99.5	101.1	102.3	104.0	108.3



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-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°	84.8	87.5	90.0	92.3	94.4	96.1	97.8	99.4	100.6	102.2	106.5
115°	83.3	85.9	88.4	90.6	92.6	94.4	96.1	97.6	98.8	100.5	104.6
117.5°	81.3	84.2	86.6	88.6	90.4	92.3	94.1	95.4	96.5	98.2	102.3
120°	79.4	82.1	84.6	86.4	88.2	90.2	91.9	93.1	94.2	95.8	99.8
122.5°	77.4	79.9	82.2	84.0	86.0	87.7	89.2	90.5	91.6	93.2	97.1
125°	75.0	77.5	79.6	81.5	83.7	85.1	86.5	87.9	89.1	90.5	94.3
127.5°	72.6	75.0	77.0	78.8	80.7	82.2	83.6	84.8	86.0	87.6	91.1
130°	69.9	72.2	74.2	76.0	77.7	79.3	80.5	81.6	82.9	84.7	87.8
132.5°	67.1	69.2	71.3	72.9	74.4	76.0	77.1	78.2	79.3	80.9	84.1
135°	64.0	66.1	68.1	69.5	71.1	72.5	73.7	74.7	75.8	77.1	80.4
137.5°	61.1	63.0	64.6	66.0	67.5	68.9	70.0	71.0	72.1	73.3	76.2
140°	57.6	59.5	61.0	62.4	64.0	65.2	66.3	67.3	68.4	69.5	72.1
142.5°	54.2	55.8	57.2	58.7	60.2	61.3	62.3	63.3	64.2	65.1	67.7
145°	50.5	52.0	53.3	54.9	56.2	57.3	58.3	59.2	60.0	60.7	63.3
147.5°	46.7	48.0	49.5	50.9	52.0	52.9	53.8	54.6	55.5	56.4	58.7
150°	42.7	44.0	45.4	46.8	47.7	48.4	49.3	50.0	51.1	52.0	54.0
152.5°	38.6	39.9	41.1	42.2	43.1	43.9	44.7	45.5	46.3	47.1	49.0
155°	34.5	35.7	36.7	37.6	38.5	39.4	40.2	40.9	41.5	42.1	44.0
157.5°	30.2	31.3	32.2	33.0	33.7	34.4	35.1	35.7	36.3	36.8	38.6
160°	25.8	26.8	27.7	28.6	29.1	29.6	30.1	30.8	31.5	32.1	33.3
162.5°	21.6	22.4	23.2	23.9	24.4	24.8	25.3	25.9	26.4	26.9	28.0
165°	17.5	18.3	18.8	19.2	19.6	20.0	20.4	20.9	21.3	21.6	22.6
167.5°	13.5	14.0	14.4	14.8	15.2	15.5	15.9	16.2	16.4	16.7	17.5
170°	9.6	10.0	10.3	10.6	10.8	11.1	11.3	11.4	11.6	11.7	12.4
172.5°	6.4	6.6	6.8	7.1	7.2	7.4	7.6	7.7	7.8	7.9	8.4
175°	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.5
177.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.5
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: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.7	2.8	3.0	3.1	3.3	3.4	3.5	3.7	3.8	3.9	4.0
5°	4.8	5.1	5.5	5.8	6.1	6.4	6.7	6.9	7.2	7.4	7.7
7.5°	8.9	9.4	9.9	10.3	10.7	11.1	11.5	12.4	13.3	14.1	14.9
10°	13.1	13.7	14.3	14.9	15.6	16.9	18.2	19.5	20.7	21.8	22.9
12.5°	18.3	19.1	19.8	20.9	22.6	24.2	25.8	27.3	29.1	31.1	33.0
15°	23.6	24.5	25.6	27.7	29.7	31.7	33.7	36.2	38.7	41.1	43.7
17.5°	29.0	30.0	32.0	34.5	36.9	39.4	42.5	45.5	48.3	51.4	54.6
20°	34.4	35.5	38.4	41.3	44.1	47.9	51.5	54.9	58.7	62.4	66.0
22.5°	40.2	42.4	45.7	48.8	52.5	56.4	60.3	64.8	69.1	73.3	77.8
25°	45.8	48.5	51.7	55.3	60.1	64.6	69.6	74.6	79.6	84.4	89.1
27.5°	50.9	54.3	58.0	62.7	67.9	73.3	78.9	84.3	90.2	95.8	101.5
30°	55.9	60.3	64.6	70.2	76.0	82.0	88.2	94.6	100.9	107.3	113.6
32.5°	61.2	65.7	70.6	76.7	83.2	90.3	97.4	104.5	111.6	118.6	125.3
35°	66.4	70.9	76.4	83.0	90.4	98.4	105.9	113.7	121.5	129.1	136.3
37.5°	71.2	76.3	82.8	89.9	97.9	106.0	114.5	122.9	131.7	139.1	147.0
40°	76.1	81.8	89.3	97.2	105.2	113.9	122.8	131.8	140.6	149.2	157.6
42.5°	80.6	86.4	94.8	103.3	111.9	121.4	130.9	140.6	150.1	159.1	167.7
45°	85.0	91.2	99.9	109.1	118.6	128.6	138.7	148.8	158.8	168.1	177.4
47.5°	89.1	96.0	105.0	114.6	124.8	135.4	146.2	156.8	166.9	177.0	186.9
50°	93.3	100.8	110.0	119.9	130.7	141.9	153.1	164.2	174.8	185.3	196.4
52.5°	96.7	104.6	114.5	125.0	136.6	148.1	159.8	171.4	182.8	193.9	204.7
55°	99.9	108.4	119.0	130.2	142.5	154.1	165.9	177.8	189.8	201.6	212.4
57.5°	103.1	112.1	123.0	134.6	147.4	159.5	171.7	184.0	196.5	208.5	220.0
60°	106.3	115.7	126.7	138.7	151.6	164.6	177.2	190.1	202.7	214.8	226.3
62.5°	109.2	118.8	129.9	142.5	155.8	169.1	182.2	195.8	208.6	220.8	232.8
65°	112.2	121.7	133.1	146.2	159.8	173.0	186.6	200.6	213.5	226.3	238.6
67.5°	113.8	124.4	136.4	149.7	163.5	176.9	190.8	205.1	218.2	231.5	243.9
70°	115.8	126.3	139.3	152.9	166.8	180.5	194.7	209.2	222.6	235.0	248.0
72.5°	117.5	128.2	141.5	155.1	169.3	183.5	198.0	212.6	226.5	239.6	252.4
75°	119.1	130.1	143.4	156.9	171.3	186.2	200.8	215.4	229.7	243.1	255.8
77.5°	120.5	131.2	144.6	158.5	173.4	188.2	203.2	217.6	232.3	245.8	258.8
80°	122.1	132.1	145.7	160.0	175.4	189.9	205.2	219.3	234.0	247.8	261.0
82.5°	122.4	133.4	146.9	161.1	176.5	191.0	206.3	220.9	235.6	249.4	262.8
85°	122.7	134.3	147.2	162.4	177.6	192.2	207.4	223.0	237.0	250.5	264.3
87.5°	122.9	134.3	147.2	162.7	177.6	191.9	207.6	223.1	237.2	251.2	265.2
90°	123.2	134.3	147.2	163.0	177.6	191.6	207.9	223.1	236.6	251.2	265.2
92.5°	122.9	134.3	147.2	162.7	177.6	191.9	207.6	223.1	237.2	251.2	265.2
95°	122.7	134.3	147.2	162.4	177.6	192.2	207.4	223.0	237.0	250.5	264.3
97.5°	122.4	133.4	146.9	161.1	176.5	191.0	206.3	220.9	235.6	249.4	262.8
100°	122.1	132.1	145.7	160.0	175.4	189.9	205.2	219.3	234.0	247.8	261.0
102.5°	120.5	131.2	144.6	158.5	173.4	188.2	203.2	217.6	232.3	245.8	258.8
105°	119.1	130.1	143.4	156.9	171.3	186.2	200.8	215.4	229.7	243.1	255.8
107.5°	117.5	128.2	141.5	155.1	169.3	183.5	198.0	212.6	226.5	239.6	252.4
110°	115.8	126.3	139.3	152.9	166.8	180.5	194.7	209.2	222.6	235.0	248.0



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	113.8	124.4	136.4	149.7	163.5	176.9	190.8	205.1	218.2	231.5	243.9
115°	112.2	121.7	133.1	146.2	159.8	173.0	186.6	200.6	213.5	226.3	238.6
117.5°	109.2	118.8	129.9	142.5	155.8	169.1	182.2	195.8	208.6	220.8	232.8
120°	106.3	115.7	126.7	138.7	151.6	164.6	177.2	190.1	202.7	214.8	226.3
122.5°	103.1	112.1	123.0	134.6	147.4	159.5	171.7	184.0	196.5	208.5	220.0
125°	99.9	108.4	119.0	130.2	142.5	154.1	165.9	177.8	189.8	201.6	212.4
127.5°	96.7	104.6	114.5	125.0	136.6	148.1	159.8	171.4	182.8	193.9	204.7
130°	93.3	100.8	110.0	119.9	130.7	141.9	153.1	164.2	174.8	185.3	196.4
132.5°	89.1	96.0	105.0	114.6	124.8	135.4	146.2	156.8	166.9	177.0	186.9
135°	85.0	91.2	99.9	109.1	118.6	128.6	138.7	148.8	158.8	168.1	177.4
137.5°	80.6	86.4	94.8	103.3	111.9	121.4	130.9	140.6	150.1	159.1	167.7
140°	76.1	81.8	89.3	97.2	105.2	113.9	122.8	131.8	140.6	149.2	157.6
142.5°	71.2	76.3	82.8	89.9	97.9	106.0	114.5	122.9	131.7	139.1	147.0
145°	66.4	70.9	76.4	83.0	90.4	98.4	105.9	113.7	121.5	129.1	136.3
147.5°	61.2	65.7	70.6	76.7	83.2	90.3	97.4	104.5	111.6	118.6	125.3
150°	55.9	60.3	64.6	70.2	76.0	82.0	88.2	94.6	100.9	107.3	113.6
152.5°	50.9	54.3	58.0	62.7	67.9	73.3	78.9	84.3	90.2	95.8	101.5
155°	45.8	48.5	51.7	55.3	60.1	64.6	69.6	74.6	79.6	84.4	89.1
157.5°	40.2	42.4	45.7	48.8	52.5	56.4	60.3	64.8	69.1	73.3	77.8
160°	34.4	35.5	38.4	41.3	44.1	47.9	51.5	54.9	58.7	62.4	66.0
162.5°	29.0	30.0	32.0	34.5	36.9	39.4	42.5	45.5	48.3	51.4	54.6
165°	23.6	24.5	25.6	27.7	29.7	31.7	33.7	36.2	38.7	41.1	43.7
167.5°	18.3	19.1	19.8	20.9	22.6	24.2	25.8	27.3	29.1	31.1	33.0
170°	13.1	13.7	14.3	14.9	15.6	16.9	18.2	19.5	20.7	21.8	22.9
172.5°	8.9	9.4	9.9	10.3	10.7	11.1	11.5	12.4	13.3	14.1	14.9
175°	4.8	5.1	5.5	5.8	6.1	6.4	6.7	6.9	7.2	7.4	7.7
177.5°	2.7	2.8	3.0	3.1	3.3	3.4	3.5	3.7	3.8	3.9	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: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6
5°	8.2	8.7	9.3	9.8	10.2	10.7	11.1	11.5	11.8	12.2	12.5
7.5°	15.6	16.3	16.9	17.5	18.1	18.9	19.5	20.4	21.3	22.1	22.8
10°	24.4	25.8	27.2	28.4	29.6	30.7	31.6	32.6	33.6	34.5	35.3
12.5°	34.9	36.6	38.4	40.3	42.0	43.7	45.2	46.6	47.9	49.1	50.3
15°	46.0	48.5	50.9	53.1	55.2	57.5	59.6	61.6	63.4	65.0	66.5
17.5°	57.6	60.9	63.8	67.0	69.9	72.5	74.9	77.1	79.1	80.9	82.7
20°	69.9	73.8	77.6	81.2	84.3	87.2	89.9	92.4	94.9	97.1	99.1
22.5°	82.3	86.6	90.9	94.8	98.6	101.8	105.0	107.9	110.6	113.1	115.4
25°	94.3	99.6	105.2	108.9	112.9	116.7	120.2	123.4	126.3	129.0	131.9
27.5°	107.2	112.7	117.8	122.6	127.3	131.5	136.1	139.2	142.7	146.0	148.7
30°	119.6	125.4	131.1	136.7	141.9	146.7	151.1	155.1	158.7	161.9	165.1
32.5°	131.7	138.1	144.6	150.8	156.1	161.2	166.0	170.4	174.2	177.6	180.9
35°	143.5	150.5	157.4	163.8	169.7	174.9	179.9	184.5	188.7	192.7	196.1
37.5°	154.8	162.3	169.7	176.6	182.5	188.3	193.9	198.8	203.2	208.3	211.7
40°	165.8	173.3	181.1	188.5	195.4	202.3	207.8	212.5	217.4	222.1	226.3
42.5°	176.2	184.4	192.9	200.8	207.9	214.1	219.7	225.4	231.3	235.9	240.4
45°	186.6	195.5	204.1	212.1	219.0	225.3	231.9	238.1	244.0	249.3	252.8
47.5°	196.7	205.9	214.6	222.8	230.0	237.1	243.8	250.1	255.8	260.5	264.5
50°	206.2	215.6	224.6	233.0	240.7	248.2	255.1	261.3	267.4	272.1	276.4
52.5°	214.8	224.5	234.0	242.8	251.0	258.3	265.5	272.1	277.5	282.9	287.5
55°	222.9	233.0	243.2	251.5	260.0	268.1	275.5	281.9	287.7	293.5	298.1
57.5°	230.3	240.9	250.8	260.2	269.2	277.1	284.6	291.6	297.4	303.0	308.2
60°	237.4	248.6	258.3	267.9	277.0	285.2	293.0	300.0	306.1	311.9	317.1
62.5°	244.0	254.9	265.3	275.1	284.0	293.0	301.2	308.3	314.4	320.3	325.5
65°	250.0	261.2	272.0	281.9	291.4	300.4	309.0	315.6	321.8	328.1	333.4
67.5°	255.8	267.1	277.7	288.2	297.7	306.4	315.0	322.1	328.6	335.1	340.8
70°	260.3	272.1	282.9	293.7	303.2	312.2	320.6	328.1	334.9	341.7	347.6
72.5°	264.5	276.1	287.3	298.1	308.0	317.4	325.8	333.2	340.5	347.4	353.4
75°	268.1	279.9	291.1	302.0	312.1	321.3	330.1	337.7	345.3	352.1	358.3
77.5°	271.3	283.3	294.3	305.1	315.5	325.0	333.9	341.8	348.9	356.0	362.2
80°	273.3	285.6	296.7	307.6	318.1	327.8	336.6	344.6	352.0	359.0	365.4
82.5°	274.9	287.4	298.7	309.5	319.9	329.4	338.0	346.8	354.4	361.5	367.9
85°	276.1	288.3	300.3	310.9	321.0	330.7	339.4	348.4	355.8	363.0	369.4
87.5°	277.1	289.1	301.2	311.9	322.0	331.6	340.3	349.3	356.3	363.9	370.3
90°	277.4	289.1	300.8	311.9	322.4	331.2	339.9	349.3	356.3	363.9	369.7
92.5°	277.1	289.1	301.2	311.9	322.0	331.6	340.3	349.3	356.3	363.9	370.3
95°	276.1	288.3	300.3	310.9	321.0	330.7	339.4	348.4	355.8	363.0	369.4
97.5°	274.9	287.4	298.7	309.5	319.9	329.4	338.0	346.8	354.4	361.5	367.9
100°	273.3	285.6	296.7	307.6	318.1	327.8	336.6	344.6	352.0	359.0	365.4
102.5°	271.3	283.3	294.3	305.1	315.5	325.0	333.9	341.8	348.9	356.0	362.2
105°	268.1	279.9	291.1	302.0	312.1	321.3	330.1	337.7	345.3	352.1	358.3
107.5°	264.5	276.1	287.3	298.1	308.0	317.4	325.8	333.2	340.5	347.4	353.4
110°	260.3	272.1	282.9	293.7	303.2	312.2	320.6	328.1	334.9	341.7	347.6



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-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°	255.8	267.1	277.7	288.2	297.7	306.4	315.0	322.1	328.6	335.1	340.8
115°	250.0	261.2	272.0	281.9	291.4	300.4	309.0	315.6	321.8	328.1	333.4
117.5°	244.0	254.9	265.3	275.1	284.0	293.0	301.2	308.3	314.4	320.3	325.5
120°	237.4	248.6	258.3	267.9	277.0	285.2	293.0	300.0	306.1	311.9	317.1
122.5°	230.3	240.9	250.8	260.2	269.2	277.1	284.6	291.6	297.4	303.0	308.2
125°	222.9	233.0	243.2	251.5	260.0	268.1	275.5	281.9	287.7	293.5	298.1
127.5°	214.8	224.5	234.0	242.8	251.0	258.3	265.5	272.1	277.5	282.9	287.5
130°	206.2	215.6	224.6	233.0	240.7	248.2	255.1	261.3	267.4	272.1	276.4
132.5°	196.7	205.9	214.6	222.8	230.0	237.1	243.8	250.1	255.8	260.5	264.5
135°	186.6	195.5	204.1	212.1	219.0	225.3	231.9	238.1	244.0	249.3	252.8
137.5°	176.2	184.4	192.9	200.8	207.9	214.1	219.7	225.4	231.3	235.9	240.4
140°	165.8	173.3	181.1	188.5	195.4	202.3	207.8	212.5	217.4	222.1	226.3
142.5°	154.8	162.3	169.7	176.6	182.5	188.3	193.9	198.8	203.2	208.3	211.7
145°	143.5	150.5	157.4	163.8	169.7	174.9	179.9	184.5	188.7	192.7	196.1
147.5°	131.7	138.1	144.6	150.8	156.1	161.2	166.0	170.4	174.2	177.6	180.9
150°	119.6	125.4	131.1	136.7	141.9	146.7	151.1	155.1	158.7	161.9	165.1
152.5°	107.2	112.7	117.8	122.6	127.3	131.5	136.1	139.2	142.7	146.0	148.7
155°	94.3	99.6	105.2	108.9	112.9	116.7	120.2	123.4	126.3	129.0	131.9
157.5°	82.3	86.6	90.9	94.8	98.6	101.8	105.0	107.9	110.6	113.1	115.4
160°	69.9	73.8	77.6	81.2	84.3	87.2	89.9	92.4	94.9	97.1	99.1
162.5°	57.6	60.9	63.8	67.0	69.9	72.5	74.9	77.1	79.1	80.9	82.7
165°	46.0	48.5	50.9	53.1	55.2	57.5	59.6	61.6	63.4	65.0	66.5
167.5°	34.9	36.6	38.4	40.3	42.0	43.7	45.2	46.6	47.9	49.1	50.3
170°	24.4	25.8	27.2	28.4	29.6	30.7	31.6	32.6	33.6	34.5	35.3
172.5°	15.6	16.3	16.9	17.5	18.1	18.9	19.5	20.4	21.3	22.1	22.8
175°	8.2	8.7	9.3	9.8	10.2	10.7	11.1	11.5	11.8	12.2	12.5
177.5°	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6
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: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.3
5°	12.7	13.0	13.2	13.4	13.5	13.6	13.7	13.7	14.0	13.9	13.7
7.5°	23.5	24.1	24.6	25.1	25.5	25.9	26.1	26.3	26.5	26.9	26.7
10°	35.9	36.9	37.8	38.6	39.2	39.7	40.2	40.5	40.7	41.2	40.9
12.5°	51.4	52.3	53.0	53.8	54.8	55.6	56.3	56.8	57.2	57.5	57.9
15°	67.8	69.0	70.1	70.9	71.6	72.5	73.3	74.0	74.5	74.7	75.1
17.5°	84.4	85.9	87.2	88.4	89.3	90.0	90.7	91.4	92.0	92.3	92.8
20°	100.9	102.6	104.1	105.3	106.3	107.0	107.5	108.1	108.7	109.0	109.7
22.5°	117.3	119.0	120.6	122.3	123.6	124.5	125.1	125.4	126.1	126.6	127.4
25°	134.5	136.8	138.7	140.0	141.2	142.2	142.8	143.2	143.5	144.1	144.3
27.5°	151.0	153.1	155.0	156.7	157.9	159.2	160.0	160.3	160.3	160.7	160.8
30°	167.3	169.8	172.2	174.1	175.2	176.0	176.7	177.0	177.0	177.1	177.5
32.5°	183.9	186.1	187.8	189.5	191.0	191.9	192.5	192.7	192.5	192.0	192.3
35°	199.0	201.5	203.6	205.4	206.9	207.7	208.0	208.2	208.2	207.8	208.5
37.5°	214.6	216.9	219.1	221.0	222.6	223.1	223.0	222.9	223.2	223.2	223.3
40°	229.5	231.6	233.6	235.5	236.8	237.4	237.6	237.4	237.7	237.4	237.6
42.5°	243.5	245.9	248.0	250.0	251.3	251.9	252.2	251.9	251.4	251.1	250.7
45°	256.2	259.5	261.6	263.7	264.8	266.2	266.1	265.9	265.4	265.1	264.0
47.5°	268.4	271.9	274.9	276.8	277.5	278.5	279.0	278.9	278.2	277.5	276.6
50°	280.3	283.9	286.7	288.8	290.6	291.2	291.5	291.2	290.7	290.1	289.6
52.5°	291.6	295.4	298.5	300.9	302.8	303.8	304.0	303.7	303.0	301.8	301.2
55°	302.2	306.0	309.5	312.0	314.2	315.3	315.5	315.2	314.5	313.5	313.2
57.5°	312.3	315.9	319.4	322.1	324.8	326.0	326.6	326.1	325.0	324.1	323.5
60°	321.5	325.3	328.3	331.5	334.4	335.9	336.6	336.1	335.2	334.5	333.9
62.5°	330.2	333.7	337.2	341.0	343.3	344.9	345.9	345.8	344.9	343.8	342.2
65°	338.4	342.4	346.0	349.1	351.6	353.6	354.5	354.8	353.5	352.4	351.0
67.5°	346.2	350.2	353.6	356.2	358.5	360.7	362.0	362.6	361.3	360.2	359.0
70°	352.7	357.1	360.9	362.9	365.1	367.0	368.5	369.2	368.8	367.1	366.2
72.5°	358.6	363.1	366.7	369.6	371.2	372.8	374.0	374.6	375.5	373.4	372.0
75°	363.5	368.2	371.8	374.5	376.4	378.0	378.4	379.4	379.7	379.3	377.5
77.5°	367.8	372.5	376.4	379.2	381.3	382.6	382.9	382.9	383.2	383.8	382.2
80°	371.1	375.7	379.6	382.6	384.7	386.6	387.0	386.3	385.3	386.3	386.2
82.5°	373.7	378.0	381.8	384.9	387.1	388.7	389.5	389.4	388.8	387.0	388.5
85°	375.3	379.9	383.4	386.6	388.6	390.2	391.0	390.9	390.6	389.5	387.5
87.5°	375.6	380.1	383.7	386.7	388.9	390.1	390.8	390.9	390.8	389.8	389.1
90°	375.6	379.7	383.8	386.7	388.4	389.6	390.8	390.2	389.6	388.4	386.7
92.5°	375.6	380.1	383.7	386.7	388.9	390.1	390.8	390.9	390.8	389.8	389.1
95°	375.3	379.9	383.4	386.6	388.6	390.2	391.0	390.9	390.6	389.5	387.5
97.5°	373.7	378.0	381.8	384.9	387.1	388.7	389.5	389.4	388.8	387.0	388.5
100°	371.1	375.7	379.6	382.6	384.7	386.6	387.0	386.3	385.3	386.3	386.2
102.5°	367.8	372.5	376.4	379.2	381.3	382.6	382.9	382.9	383.2	383.8	382.2
105°	363.5	368.2	371.8	374.5	376.4	378.0	378.4	379.4	379.7	379.3	377.5
107.5°	358.6	363.1	366.7	369.6	371.2	372.8	374.0	374.6	375.5	373.4	372.0
110°	352.7	357.1	360.9	362.9	365.1	367.0	368.5	369.2	368.8	367.1	366.2



TEST NUMBER: P231956

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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°	346.2	350.2	353.6	356.2	358.5	360.7	362.0	362.6	361.3	360.2	359.0
115°	338.4	342.4	346.0	349.1	351.6	353.6	354.5	354.8	353.5	352.4	351.0
117.5°	330.2	333.7	337.2	341.0	343.3	344.9	345.9	345.8	344.9	343.8	342.2
120°	321.5	325.3	328.3	331.5	334.4	335.9	336.6	336.1	335.2	334.5	333.9
122.5°	312.3	315.9	319.4	322.1	324.8	326.0	326.6	326.1	325.0	324.1	323.5
125°	302.2	306.0	309.5	312.0	314.2	315.3	315.5	315.2	314.5	313.5	313.2
127.5°	291.6	295.4	298.5	300.9	302.8	303.8	304.0	303.7	303.0	301.8	301.2
130°	280.3	283.9	286.7	288.8	290.6	291.2	291.5	291.2	290.7	290.1	289.6
132.5°	268.4	271.9	274.9	276.8	277.5	278.5	279.0	278.9	278.2	277.5	276.6
135°	256.2	259.5	261.6	263.7	264.8	266.2	266.1	265.9	265.4	265.1	264.0
137.5°	243.5	245.9	248.0	250.0	251.3	251.9	252.2	251.9	251.4	251.1	250.7
140°	229.5	231.6	233.6	235.5	236.8	237.4	237.6	237.4	237.7	237.4	237.6
142.5°	214.6	216.9	219.1	221.0	222.6	223.1	223.0	222.9	223.2	223.2	223.3
145°	199.0	201.5	203.6	205.4	206.9	207.7	208.0	208.2	208.2	207.8	208.5
147.5°	183.9	186.1	187.8	189.5	191.0	191.9	192.5	192.7	192.5	192.0	192.3
150°	167.3	169.8	172.2	174.1	175.2	176.0	176.7	177.0	177.0	177.1	177.5
152.5°	151.0	153.1	155.0	156.7	157.9	159.2	160.0	160.3	160.3	160.7	160.8
155°	134.5	136.8	138.7	140.0	141.2	142.2	142.8	143.2	143.5	144.1	144.3
157.5°	117.3	119.0	120.6	122.3	123.6	124.5	125.1	125.4	126.1	126.6	127.4
160°	100.9	102.6	104.1	105.3	106.3	107.0	107.5	108.1	108.7	109.0	109.7
162.5°	84.4	85.9	87.2	88.4	89.3	90.0	90.7	91.4	92.0	92.3	92.8
165°	67.8	69.0	70.1	70.9	71.6	72.5	73.3	74.0	74.5	74.7	75.1
167.5°	51.4	52.3	53.0	53.8	54.8	55.6	56.3	56.8	57.2	57.5	57.9
170°	35.9	36.9	37.8	38.6	39.2	39.7	40.2	40.5	40.7	41.2	40.9
172.5°	23.5	24.1	24.6	25.1	25.5	25.9	26.1	26.3	26.5	26.9	26.7
175°	12.7	13.0	13.2	13.4	13.5	13.6	13.7	13.7	14.0	13.9	13.7
177.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.6	0.6
2.5°	4.2	4.1
5°	13.6	13.4
7.5°	26.5	26.3
10°	40.6	40.3
12.5°	57.5	57.2
15°	74.7	74.2
17.5°	92.3	91.7
20°	109.1	108.6
22.5°	126.8	126.2
25°	144.4	143.7
27.5°	160.8	160.0
30°	177.7	177.0
32.5°	192.3	191.6
35°	209.3	209.1
37.5°	223.4	222.5
40°	239.6	240.6
42.5°	252.0	252.3
45°	265.2	265.2
47.5°	278.5	279.8
50°	291.5	293.2
52.5°	301.6	302.0
55°	313.7	313.7
57.5°	324.0	325.3
60°	334.0	333.5
62.5°	343.1	343.5
65°	351.8	352.2
67.5°	359.4	360.4
70°	366.6	366.8
72.5°	372.8	373.8
75°	377.6	379.1
77.5°	382.3	384.3
80°	385.7	387.3
82.5°	388.6	390.8
85°	390.9	392.5
87.5°	388.8	393.7
90°	386.7	390.2
92.5°	388.8	393.7
95°	390.9	392.5
97.5°	388.6	390.8
100°	385.7	387.3
102.5°	382.3	384.3
105°	377.6	379.1
107.5°	372.8	373.8
110°	366.6	366.8



TEST NUMBER: P231956

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	359.4	360.4
115°	351.8	352.2
117.5°	343.1	343.5
120°	334.0	333.5
122.5°	324.0	325.3
125°	313.7	313.7
127.5°	301.6	302.0
130°	291.5	293.2
132.5°	278.5	279.8
135°	265.2	265.2
137.5°	252.0	252.3
140°	239.6	240.6
142.5°	223.4	222.5
145°	209.3	209.1
147.5°	192.3	191.6
150°	177.7	177.0
152.5°	160.8	160.0
155°	144.4	143.7
157.5°	126.8	126.2
160°	109.1	108.6
162.5°	92.3	91.7
165°	74.7	74.2
167.5°	57.5	57.2
170°	40.6	40.3
172.5°	26.5	26.3
175°	13.6	13.4
177.5°	4.2	4.1
180°	0.0	0.0

(END OF REPORT)