

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: P231957

Luminaire Tested: **FVS4WM-4-LD4-35-1LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231957
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-LD4-35-1LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

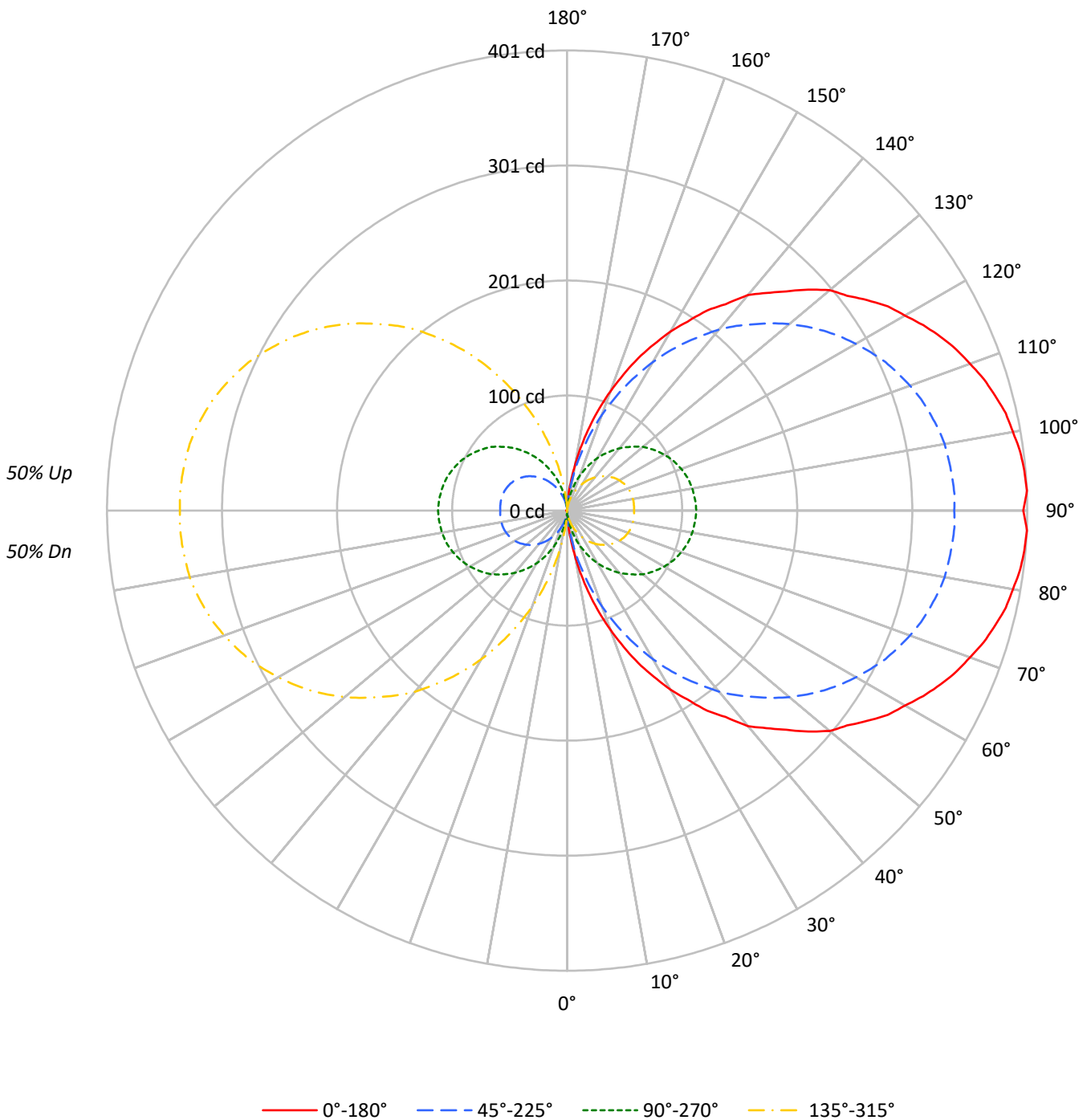
Lumens per Lamp: N/A
Luminaire Lumens: 1738.4 lumens
Efficiency: N/A
Efficacy: 73.7 lumens/watt
Spacing Criteria (0/90/45): 17.33 / 14.22 / 15.53
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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





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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°	182	63	0	63
10°	488	180	0	180
15°	819	337	0	337
20°	1110	512	0	512
25°	1376	689	0	689
30°	1606	884	0	884
35°	1817	1082	0	1082
40°	2021	1309	0	1309
45°	2170	1553	0	1553
50°	2356	1851	0	1851
55°	2495	2177	0	2177
60°	2647	2586	5	2586
65°	2810	3114	5	3114
70°	2965	3822	5	3822
75°	3129	4872	5	4872
80°	3291	6578	0	6578
85°	3465	10010	0	10010



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.0	0.1
10°-20°	9.7	0.6
20°-30°	30.4	1.7
30°-40°	60.4	3.5
40°-50°	95.5	5.5
50°-60°	130.8	7.5
60°-70°	161.7	9.3
70°-80°	184.3	10.6
80°-90°	195.4	11.2
90°-100°	195.4	11.2
100°-110°	184.3	10.6
110°-120°	161.7	9.3
120°-130°	130.8	7.5
130°-140°	95.5	5.5
140°-150°	60.4	3.5
150°-160°	30.4	1.7
160°-170°	9.7	0.6
170°-180°	1.0	0.1
0°-30°	41.0	2.4
0°-40°	101.5	5.8
0°-60°	327.8	18.9
0°-90°	869.2	50.0
90°-120°	541.5	31.1
90°-150°	828.2	47.6
90°-180°	869.0	50.0
0°-180°	1738.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	14	4	0	4	14	2
15°	76	22	0	22	76	22
25°	146	43	0	43	146	68
35°	213	62	0	62	213	134
45°	270	78	0	78	270	210
55°	320	92	0	92	320	287
65°	359	102	1	102	359	356
75°	386	109	1	109	386	408
85°	400	112	0	112	400	326
90°	398	112	0	112	398	219
95°	400	112	0	112	400	326
105°	386	109	1	109	386	408
115°	359	102	1	102	359	356
125°	320	92	0	92	320	287
135°	270	78	0	78	270	210
145°	213	62	0	62	213	134
155°	146	43	0	43	146	68
165°	76	22	0	22	76	22
175°	14	4	0	4	14	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°	4.2	4.3	4.4	4.5	4.6	4.6	4.7	4.6	4.7	4.7	4.7
5°	13.7	13.9	14.0	14.2	14.3	14.0	14.0	13.9	13.8	13.7	13.5
7.5°	26.8	27.0	27.2	27.4	27.0	26.9	26.6	26.4	26.0	25.6	25.1
10°	41.1	41.4	41.7	42.0	41.4	41.2	40.9	40.5	39.9	39.3	38.5
12.5°	58.3	58.6	59.0	58.6	58.3	57.9	57.4	56.6	55.8	54.8	54.0
15°	75.6	76.1	76.5	76.1	75.8	75.4	74.7	73.8	72.9	72.2	71.4
17.5°	93.4	94.0	94.5	94.0	93.7	93.2	92.4	91.6	90.9	90.0	88.9
20°	110.7	111.2	111.8	111.1	110.7	110.1	109.5	109.0	108.3	107.3	106.0
22.5°	128.5	129.1	129.7	128.9	128.4	127.7	127.4	126.8	125.9	124.5	122.9
25°	146.4	147.1	147.1	146.9	146.3	145.9	145.5	144.8	143.8	142.6	141.3
27.5°	163.0	163.8	163.8	163.6	163.2	163.3	163.0	162.2	160.9	159.6	157.9
30°	180.3	181.0	180.8	180.5	180.3	180.3	180.0	179.3	178.4	177.4	175.4
32.5°	195.2	196.0	195.9	195.6	196.1	196.4	196.2	195.6	194.5	193.1	191.3
35°	213.0	213.2	212.4	211.7	212.1	212.2	212.0	211.6	210.7	209.2	207.4
37.5°	226.7	227.6	227.5	227.4	227.4	227.1	227.2	227.3	226.7	225.1	223.2
40°	245.2	244.2	242.1	241.8	242.1	241.9	242.1	241.9	241.3	239.9	237.9
42.5°	257.1	256.8	255.5	255.8	256.1	256.6	256.9	256.6	256.0	254.6	252.7
45°	270.2	270.2	269.0	270.1	270.4	270.9	271.2	271.3	269.8	268.6	266.5
47.5°	285.0	283.7	281.8	282.7	283.4	284.1	284.3	283.7	282.7	282.0	280.0
50°	298.7	296.9	295.0	295.5	296.2	296.7	296.9	296.7	296.0	294.2	292.0
52.5°	307.6	307.2	306.8	307.5	308.7	309.5	309.7	309.5	308.5	306.6	304.0
55°	319.5	319.5	319.0	319.3	320.4	321.1	321.4	321.2	320.1	317.8	315.2
57.5°	331.4	330.1	329.6	330.2	331.1	332.2	332.7	332.1	330.9	328.1	325.3
60°	339.8	340.3	340.1	340.7	341.4	342.4	342.9	342.2	340.7	337.7	334.4
62.5°	349.9	349.5	348.6	350.3	351.4	352.3	352.3	351.4	349.8	347.4	343.5
65°	358.8	358.4	357.5	359.1	360.1	361.5	361.2	360.2	358.2	355.6	352.5
67.5°	367.1	366.2	365.7	366.9	368.1	369.5	368.9	367.5	365.2	362.9	360.3
70°	373.7	373.5	373.1	374.0	375.7	376.1	375.4	373.9	371.9	369.7	367.7
72.5°	380.8	379.8	378.9	380.4	382.5	381.6	381.0	379.8	378.2	376.6	373.6
75°	386.2	384.7	384.6	386.5	386.8	386.5	385.5	385.1	383.5	381.5	378.8
77.5°	391.5	389.5	389.3	391.0	390.4	390.1	390.1	389.8	388.4	386.4	383.5
80°	394.5	392.9	393.4	393.5	392.5	393.5	394.2	393.8	391.8	389.8	386.7
82.5°	398.1	395.9	395.8	394.2	396.1	396.7	396.8	396.0	394.3	392.1	389.0
85°	399.9	398.3	394.7	396.8	397.9	398.2	398.4	397.5	395.9	393.8	390.6
87.5°	401.1	396.1	396.4	397.1	398.1	398.3	398.1	397.4	396.2	393.9	390.8
90°	397.5	393.9	393.9	395.7	396.9	397.5	398.1	396.9	395.7	393.9	390.9
92.5°	401.1	396.1	396.4	397.1	398.1	398.3	398.1	397.4	396.2	393.9	390.8
95°	399.9	398.3	394.7	396.8	397.9	398.2	398.4	397.5	395.9	393.8	390.6
97.5°	398.1	395.9	395.8	394.2	396.1	396.7	396.8	396.0	394.3	392.1	389.0
100°	394.5	392.9	393.4	393.5	392.5	393.5	394.2	393.8	391.8	389.8	386.7
102.5°	391.5	389.5	389.3	391.0	390.4	390.1	390.1	389.8	388.4	386.4	383.5
105°	386.2	384.7	384.6	386.5	386.8	386.5	385.5	385.1	383.5	381.5	378.8
107.5°	380.8	379.8	378.9	380.4	382.5	381.6	381.0	379.8	378.2	376.6	373.6
110°	373.7	373.5	373.1	374.0	375.7	376.1	375.4	373.9	371.9	369.7	367.7



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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°	367.1	366.2	365.7	366.9	368.1	369.5	368.9	367.5	365.2	362.9	360.3
115°	358.8	358.4	357.5	359.1	360.1	361.5	361.2	360.2	358.2	355.6	352.5
117.5°	349.9	349.5	348.6	350.3	351.4	352.3	352.3	351.4	349.8	347.4	343.5
120°	339.8	340.3	340.1	340.7	341.4	342.4	342.9	342.2	340.7	337.7	334.4
122.5°	331.4	330.1	329.6	330.2	331.1	332.2	332.7	332.1	330.9	328.1	325.3
125°	319.5	319.5	319.0	319.3	320.4	321.1	321.4	321.2	320.1	317.8	315.2
127.5°	307.6	307.2	306.8	307.5	308.7	309.5	309.7	309.5	308.5	306.6	304.0
130°	298.7	296.9	295.0	295.5	296.2	296.7	296.9	296.7	296.0	294.2	292.0
132.5°	285.0	283.7	281.8	282.7	283.4	284.1	284.3	283.7	282.7	282.0	280.0
135°	270.2	270.2	269.0	270.1	270.4	270.9	271.2	271.3	269.8	268.6	266.5
137.5°	257.1	256.8	255.5	255.8	256.1	256.6	256.9	256.6	256.0	254.6	252.7
140°	245.2	244.2	242.1	241.8	242.1	241.9	242.1	241.9	241.3	239.9	237.9
142.5°	226.7	227.6	227.5	227.4	227.4	227.1	227.2	227.3	226.7	225.1	223.2
145°	213.0	213.2	212.4	211.7	212.1	212.2	212.0	211.6	210.7	209.2	207.4
147.5°	195.2	196.0	195.9	195.6	196.1	196.4	196.2	195.6	194.5	193.1	191.3
150°	180.3	181.0	180.8	180.5	180.3	180.3	180.0	179.3	178.4	177.4	175.4
152.5°	163.0	163.8	163.8	163.6	163.2	163.3	163.0	162.2	160.9	159.6	157.9
155°	146.4	147.1	147.1	146.9	146.3	145.9	145.5	144.8	143.8	142.6	141.3
157.5°	128.5	129.1	129.7	128.9	128.4	127.7	127.4	126.8	125.9	124.5	122.9
160°	110.7	111.2	111.8	111.1	110.7	110.1	109.5	109.0	108.3	107.3	106.0
162.5°	93.4	94.0	94.5	94.0	93.7	93.2	92.4	91.6	90.9	90.0	88.9
165°	75.6	76.1	76.5	76.1	75.8	75.4	74.7	73.8	72.9	72.2	71.4
167.5°	58.3	58.6	59.0	58.6	58.3	57.9	57.4	56.6	55.8	54.8	54.0
170°	41.1	41.4	41.7	42.0	41.4	41.2	40.9	40.5	39.9	39.3	38.5
172.5°	26.8	27.0	27.2	27.4	27.0	26.9	26.6	26.4	26.0	25.6	25.1
175°	13.7	13.9	14.0	14.2	14.3	14.0	14.0	13.9	13.8	13.7	13.5
177.5°	4.2	4.3	4.4	4.5	4.6	4.6	4.7	4.6	4.7	4.7	4.7
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°	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.3
5°	13.3	13.0	12.7	12.4	12.1	11.7	11.3	10.9	10.4	9.9	9.4
7.5°	24.6	24.0	23.3	22.5	21.7	20.9	19.9	19.3	18.5	17.9	17.3
10°	37.6	36.6	36.0	35.2	34.3	33.3	32.3	31.3	30.2	29.0	27.7
12.5°	53.3	52.3	51.3	50.1	48.8	47.5	46.1	44.5	42.8	41.0	39.1
15°	70.3	69.1	67.7	66.2	64.6	62.7	60.8	58.6	56.3	54.1	51.8
17.5°	87.5	85.9	84.2	82.4	80.6	78.5	76.3	73.9	71.2	68.2	65.0
20°	104.5	102.8	101.0	99.0	96.7	94.2	91.6	88.8	85.8	82.6	79.0
22.5°	121.2	119.5	117.5	115.3	112.7	109.9	107.0	103.8	100.4	96.6	92.6
25°	139.3	137.0	134.4	131.5	128.7	125.7	122.5	118.9	115.0	110.9	107.1
27.5°	156.0	153.8	151.5	148.7	145.4	141.8	138.5	134.0	129.6	124.9	120.0
30°	173.0	170.5	168.2	165.0	161.7	158.0	153.9	149.4	144.6	139.3	133.5
32.5°	189.6	187.3	184.3	180.9	177.5	173.6	169.1	164.2	159.1	153.5	147.2
35°	205.2	202.7	199.8	196.3	192.3	188.0	183.3	178.2	172.8	166.9	160.3
37.5°	221.0	218.6	215.6	212.2	207.0	202.6	197.6	191.8	185.9	179.9	172.8
40°	235.9	233.8	230.6	226.2	221.4	216.5	211.8	206.1	199.0	192.0	184.5
42.5°	250.5	248.1	244.9	240.3	235.6	229.6	223.8	218.2	211.9	204.5	196.5
45°	264.3	261.1	257.5	253.9	248.6	242.5	236.2	229.5	223.1	216.0	207.9
47.5°	277.0	273.4	269.5	265.4	260.7	254.8	248.4	241.5	234.3	226.9	218.6
50°	289.2	285.5	281.6	277.2	272.5	266.2	259.9	252.9	245.2	237.3	228.7
52.5°	300.9	297.0	292.8	288.2	282.7	277.2	270.4	263.2	255.7	247.4	238.4
55°	311.8	307.9	303.7	299.1	293.1	287.1	280.7	273.1	264.8	256.2	247.8
57.5°	321.9	318.1	313.9	308.7	303.0	297.0	289.9	282.3	274.3	265.0	255.5
60°	331.4	327.5	323.0	317.8	311.9	305.6	298.5	290.5	282.2	273.0	263.2
62.5°	340.0	336.4	331.6	326.3	320.3	314.1	306.9	298.5	289.4	280.3	270.4
65°	348.8	344.7	339.7	334.2	327.9	321.5	314.8	306.1	296.9	287.1	277.0
67.5°	356.8	352.7	347.2	341.3	334.8	328.1	320.9	312.2	303.3	293.5	282.9
70°	363.9	359.3	354.1	348.1	341.2	334.3	326.6	318.0	308.8	299.1	288.2
72.5°	369.9	365.3	360.0	353.8	346.9	339.5	331.9	323.3	313.8	303.8	292.7
75°	375.1	370.3	365.0	358.7	351.8	344.1	336.3	327.3	317.9	307.7	296.6
77.5°	379.4	374.7	368.9	362.6	355.4	348.2	340.1	331.1	321.4	310.9	299.8
80°	382.7	378.1	372.2	365.7	358.6	351.1	342.9	334.0	324.1	313.5	302.3
82.5°	385.1	380.7	374.8	368.3	361.1	353.3	344.4	335.5	326.0	315.4	304.3
85°	387.0	382.3	376.4	369.8	362.5	354.8	345.8	336.9	327.1	316.8	305.9
87.5°	387.2	382.6	377.3	370.7	363.0	355.8	346.7	337.8	328.1	317.8	306.8
90°	386.8	382.6	376.7	370.7	363.0	355.8	346.3	337.4	328.5	317.8	306.5
92.5°	387.2	382.6	377.3	370.7	363.0	355.8	346.7	337.8	328.1	317.8	306.8
95°	387.0	382.3	376.4	369.8	362.5	354.8	345.8	336.9	327.1	316.8	305.9
97.5°	385.1	380.7	374.8	368.3	361.1	353.3	344.4	335.5	326.0	315.4	304.3
100°	382.7	378.1	372.2	365.7	358.6	351.1	342.9	334.0	324.1	313.5	302.3
102.5°	379.4	374.7	368.9	362.6	355.4	348.2	340.1	331.1	321.4	310.9	299.8
105°	375.1	370.3	365.0	358.7	351.8	344.1	336.3	327.3	317.9	307.7	296.6
107.5°	369.9	365.3	360.0	353.8	346.9	339.5	331.9	323.3	313.8	303.8	292.7
110°	363.9	359.3	354.1	348.1	341.2	334.3	326.6	318.0	308.8	299.1	288.2



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	356.8	352.7	347.2	341.3	334.8	328.1	320.9	312.2	303.3	293.5	282.9
115°	348.8	344.7	339.7	334.2	327.9	321.5	314.8	306.1	296.9	287.1	277.0
117.5°	340.0	336.4	331.6	326.3	320.3	314.1	306.9	298.5	289.4	280.3	270.4
120°	331.4	327.5	323.0	317.8	311.9	305.6	298.5	290.5	282.2	273.0	263.2
122.5°	321.9	318.1	313.9	308.7	303.0	297.0	289.9	282.3	274.3	265.0	255.5
125°	311.8	307.9	303.7	299.1	293.1	287.1	280.7	273.1	264.8	256.2	247.8
127.5°	300.9	297.0	292.8	288.2	282.7	277.2	270.4	263.2	255.7	247.4	238.4
130°	289.2	285.5	281.6	277.2	272.5	266.2	259.9	252.9	245.2	237.3	228.7
132.5°	277.0	273.4	269.5	265.4	260.7	254.8	248.4	241.5	234.3	226.9	218.6
135°	264.3	261.1	257.5	253.9	248.6	242.5	236.2	229.5	223.1	216.0	207.9
137.5°	250.5	248.1	244.9	240.3	235.6	229.6	223.8	218.2	211.9	204.5	196.5
140°	235.9	233.8	230.6	226.2	221.4	216.5	211.8	206.1	199.0	192.0	184.5
142.5°	221.0	218.6	215.6	212.2	207.0	202.6	197.6	191.8	185.9	179.9	172.8
145°	205.2	202.7	199.8	196.3	192.3	188.0	183.3	178.2	172.8	166.9	160.3
147.5°	189.6	187.3	184.3	180.9	177.5	173.6	169.1	164.2	159.1	153.5	147.2
150°	173.0	170.5	168.2	165.0	161.7	158.0	153.9	149.4	144.6	139.3	133.5
152.5°	156.0	153.8	151.5	148.7	145.4	141.8	138.5	134.0	129.6	124.9	120.0
155°	139.3	137.0	134.4	131.5	128.7	125.7	122.5	118.9	115.0	110.9	107.1
157.5°	121.2	119.5	117.5	115.3	112.7	109.9	107.0	103.8	100.4	96.6	92.6
160°	104.5	102.8	101.0	99.0	96.7	94.2	91.6	88.8	85.8	82.6	79.0
162.5°	87.5	85.9	84.2	82.4	80.6	78.5	76.3	73.9	71.2	68.2	65.0
165°	70.3	69.1	67.7	66.2	64.6	62.7	60.8	58.6	56.3	54.1	51.8
167.5°	53.3	52.3	51.3	50.1	48.8	47.5	46.1	44.5	42.8	41.0	39.1
170°	37.6	36.6	36.0	35.2	34.3	33.3	32.3	31.3	30.2	29.0	27.7
172.5°	24.6	24.0	23.3	22.5	21.7	20.9	19.9	19.3	18.5	17.9	17.3
175°	13.3	13.0	12.7	12.4	12.1	11.7	11.3	10.9	10.4	9.9	9.4
177.5°	4.7	4.7	4.7	4.7	4.7	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



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.0
5°	8.9	8.3	7.8	7.5	7.3	7.0	6.8	6.5	6.2	5.9	5.6
7.5°	16.6	15.9	15.2	14.4	13.5	12.7	11.7	11.2	10.9	10.5	10.0
10°	26.3	24.9	23.4	22.3	21.1	19.9	18.6	17.3	15.9	15.2	14.6
12.5°	37.3	35.5	33.7	31.7	29.6	27.8	26.3	24.7	23.0	21.3	20.2
15°	49.4	46.8	44.5	41.9	39.5	36.9	34.3	32.3	30.3	28.2	26.0
17.5°	62.1	58.7	55.6	52.4	49.2	46.3	43.3	40.2	37.6	35.1	32.6
20°	75.2	71.2	67.2	63.6	59.9	56.0	52.4	48.8	44.9	42.0	39.2
22.5°	88.3	83.8	79.3	74.7	70.4	66.0	61.5	57.5	53.5	49.7	46.5
25°	101.5	96.1	90.7	85.9	81.0	76.0	70.9	65.8	61.2	56.3	52.7
27.5°	114.8	109.2	103.4	97.7	91.9	85.9	80.3	74.6	69.1	63.8	59.1
30°	127.7	121.8	115.7	109.3	102.8	96.4	89.8	83.5	77.4	71.4	65.8
32.5°	140.7	134.2	127.7	120.9	113.7	106.4	99.2	92.0	84.7	78.2	71.9
35°	153.3	146.1	138.9	131.6	123.8	115.8	107.9	100.2	92.1	84.6	77.9
37.5°	165.3	157.7	149.7	141.7	134.2	125.2	116.6	107.9	99.7	91.6	84.4
40°	176.6	168.9	160.5	152.0	143.2	134.2	125.1	116.0	107.2	99.0	91.0
42.5°	187.9	179.5	170.9	162.1	152.9	143.2	133.4	123.7	114.1	105.2	96.5
45°	199.2	190.1	180.7	171.2	161.9	151.6	141.3	131.0	120.8	111.1	101.7
47.5°	209.8	200.3	190.4	180.3	170.1	159.8	148.9	138.0	127.2	116.8	106.9
50°	219.6	210.1	200.0	188.8	178.1	167.3	156.0	144.5	133.2	122.2	112.1
52.5°	228.7	218.8	208.5	197.6	186.2	174.6	162.8	150.9	139.1	127.4	116.7
55°	237.4	227.1	216.4	205.3	193.3	181.2	169.0	157.0	145.2	132.6	121.2
57.5°	245.4	234.6	224.1	212.4	200.1	187.5	174.9	162.5	150.2	137.2	125.2
60°	253.2	241.8	230.6	218.8	206.5	193.6	180.5	167.7	154.5	141.3	129.1
62.5°	259.7	248.7	237.2	225.0	212.5	199.4	185.6	172.3	158.8	145.2	132.4
65°	266.1	254.7	243.1	230.6	217.5	204.4	190.1	176.3	162.8	149.0	135.5
67.5°	272.1	260.6	248.4	235.8	222.3	209.0	194.4	180.2	166.5	152.5	138.9
70°	277.2	265.1	252.6	239.4	226.8	213.1	198.3	183.9	169.9	155.8	141.9
72.5°	281.3	269.4	257.1	244.1	230.8	216.6	201.7	186.9	172.4	158.0	144.1
75°	285.1	273.2	260.6	247.6	234.0	219.5	204.6	189.7	174.5	159.8	146.1
77.5°	288.6	276.4	263.7	250.4	236.6	221.7	207.0	191.8	176.6	161.5	147.4
80°	290.9	278.5	265.9	252.4	238.4	223.3	209.0	193.4	178.6	163.0	148.5
82.5°	292.7	280.1	267.8	254.0	240.0	225.0	210.1	194.5	179.7	164.1	149.7
85°	293.7	281.3	269.3	255.2	241.5	227.2	211.2	195.8	180.9	165.4	150.0
87.5°	294.5	282.3	270.2	255.9	241.7	227.3	211.5	195.5	180.9	165.7	150.0
90°	294.5	282.6	270.2	255.9	241.0	227.3	211.8	195.2	180.9	166.0	150.0
92.5°	294.5	282.3	270.2	255.9	241.7	227.3	211.5	195.5	180.9	165.7	150.0
95°	293.7	281.3	269.3	255.2	241.5	227.2	211.2	195.8	180.9	165.4	150.0
97.5°	292.7	280.1	267.8	254.0	240.0	225.0	210.1	194.5	179.7	164.1	149.7
100°	290.9	278.5	265.9	252.4	238.4	223.3	209.0	193.4	178.6	163.0	148.5
102.5°	288.6	276.4	263.7	250.4	236.6	221.7	207.0	191.8	176.6	161.5	147.4
105°	285.1	273.2	260.6	247.6	234.0	219.5	204.6	189.7	174.5	159.8	146.1
107.5°	281.3	269.4	257.1	244.1	230.8	216.6	201.7	186.9	172.4	158.0	144.1
110°	277.2	265.1	252.6	239.4	226.8	213.1	198.3	183.9	169.9	155.8	141.9



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	272.1	260.6	248.4	235.8	222.3	209.0	194.4	180.2	166.5	152.5	138.9
115°	266.1	254.7	243.1	230.6	217.5	204.4	190.1	176.3	162.8	149.0	135.5
117.5°	259.7	248.7	237.2	225.0	212.5	199.4	185.6	172.3	158.8	145.2	132.4
120°	253.2	241.8	230.6	218.8	206.5	193.6	180.5	167.7	154.5	141.3	129.1
122.5°	245.4	234.6	224.1	212.4	200.1	187.5	174.9	162.5	150.2	137.2	125.2
125°	237.4	227.1	216.4	205.3	193.3	181.2	169.0	157.0	145.2	132.6	121.2
127.5°	228.7	218.8	208.5	197.6	186.2	174.6	162.8	150.9	139.1	127.4	116.7
130°	219.6	210.1	200.0	188.8	178.1	167.3	156.0	144.5	133.2	122.2	112.1
132.5°	209.8	200.3	190.4	180.3	170.1	159.8	148.9	138.0	127.2	116.8	106.9
135°	199.2	190.1	180.7	171.2	161.9	151.6	141.3	131.0	120.8	111.1	101.7
137.5°	187.9	179.5	170.9	162.1	152.9	143.2	133.4	123.7	114.1	105.2	96.5
140°	176.6	168.9	160.5	152.0	143.2	134.2	125.1	116.0	107.2	99.0	91.0
142.5°	165.3	157.7	149.7	141.7	134.2	125.2	116.6	107.9	99.7	91.6	84.4
145°	153.3	146.1	138.9	131.6	123.8	115.8	107.9	100.2	92.1	84.6	77.9
147.5°	140.7	134.2	127.7	120.9	113.7	106.4	99.2	92.0	84.7	78.2	71.9
150°	127.7	121.8	115.7	109.3	102.8	96.4	89.8	83.5	77.4	71.4	65.8
152.5°	114.8	109.2	103.4	97.7	91.9	85.9	80.3	74.6	69.1	63.8	59.1
155°	101.5	96.1	90.7	85.9	81.0	76.0	70.9	65.8	61.2	56.3	52.7
157.5°	88.3	83.8	79.3	74.7	70.4	66.0	61.5	57.5	53.5	49.7	46.5
160°	75.2	71.2	67.2	63.6	59.9	56.0	52.4	48.8	44.9	42.0	39.2
162.5°	62.1	58.7	55.6	52.4	49.2	46.3	43.3	40.2	37.6	35.1	32.6
165°	49.4	46.8	44.5	41.9	39.5	36.9	34.3	32.3	30.3	28.2	26.0
167.5°	37.3	35.5	33.7	31.7	29.6	27.8	26.3	24.7	23.0	21.3	20.2
170°	26.3	24.9	23.4	22.3	21.1	19.9	18.6	17.3	15.9	15.2	14.6
172.5°	16.6	15.9	15.2	14.4	13.5	12.7	11.7	11.2	10.9	10.5	10.0
175°	8.9	8.3	7.8	7.5	7.3	7.0	6.8	6.5	6.2	5.9	5.6
177.5°	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	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: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.9	2.7	2.6	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1
5°	5.2	4.9	4.6	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7
7.5°	9.6	9.1	8.6	8.1	8.0	7.9	7.7	7.6	7.4	7.2	7.0
10°	14.0	13.3	12.6	11.9	11.8	11.6	11.5	11.3	11.0	10.8	10.5
12.5°	19.5	18.7	17.8	17.0	16.7	16.5	16.2	15.8	15.5	15.1	14.7
15°	25.0	24.1	23.1	22.0	21.7	21.3	20.8	20.4	20.0	19.5	19.1
17.5°	30.6	29.6	28.5	27.4	26.9	26.3	25.7	25.2	24.8	24.2	23.6
20°	36.2	35.0	33.9	32.7	32.0	31.3	30.6	30.1	29.6	29.0	28.2
22.5°	43.2	40.9	39.3	37.5	37.0	36.4	35.8	35.0	34.3	33.6	32.8
25°	49.4	46.7	44.8	42.8	42.3	41.7	41.0	40.2	39.3	38.4	37.4
27.5°	55.4	51.8	49.9	47.9	47.2	46.4	45.6	44.8	43.9	43.0	41.9
30°	61.4	56.9	55.0	53.0	52.1	51.0	50.2	49.3	48.6	47.7	46.3
32.5°	66.9	62.3	59.8	57.5	56.6	55.7	54.8	53.9	53.0	51.9	50.4
35°	72.2	67.6	64.5	61.9	61.2	60.3	59.4	58.4	57.3	55.9	54.3
37.5°	77.7	72.6	69.0	66.4	65.4	64.4	63.5	62.4	61.4	59.8	58.2
40°	83.3	77.5	73.5	70.8	69.6	68.5	67.5	66.4	65.1	63.6	62.1
42.5°	88.0	82.1	77.6	74.7	73.4	72.3	71.3	70.2	68.8	67.2	65.8
45°	92.8	86.6	81.8	78.5	77.3	76.1	75.1	73.9	72.4	70.8	69.4
47.5°	97.8	90.8	85.6	82.4	80.8	79.6	78.6	77.4	75.8	74.2	72.6
50°	102.7	95.0	89.4	86.3	84.4	83.1	82.0	80.8	79.1	77.4	75.6
52.5°	106.6	98.5	92.7	89.3	87.6	86.3	85.1	83.7	82.2	80.3	78.5
55°	110.4	101.8	96.1	92.2	90.7	89.6	88.2	86.7	85.2	83.0	81.1
57.5°	114.2	105.1	98.9	94.9	93.4	92.2	90.9	89.4	87.6	85.5	83.7
60°	117.9	108.3	101.6	97.6	96.0	94.8	93.6	91.9	89.9	88.0	86.2
62.5°	121.0	111.3	104.1	100.0	98.4	97.2	95.8	94.0	92.1	90.3	88.2
65°	123.9	114.2	106.6	102.3	100.7	99.5	97.9	96.2	94.4	92.3	90.0
67.5°	126.7	115.9	108.5	104.1	102.4	101.3	99.7	97.9	96.1	94.0	91.6
70°	128.7	117.9	110.4	105.9	104.2	103.0	101.4	99.6	97.5	95.5	93.0
72.5°	130.7	119.7	112.0	107.4	105.4	104.2	102.8	100.9	98.8	96.7	94.2
75°	132.6	121.4	113.7	108.9	106.6	105.4	104.2	102.0	100.1	97.8	95.4
77.5°	133.7	122.8	114.5	109.8	107.7	106.3	105.0	102.8	101.0	98.7	96.1
80°	134.6	124.4	115.4	110.7	108.9	107.1	105.9	103.6	101.8	99.5	96.6
82.5°	136.0	124.7	115.7	111.3	109.2	107.7	106.2	104.1	102.1	99.8	97.1
85°	136.9	125.0	116.0	111.9	109.5	108.3	106.5	104.7	102.3	100.0	97.6
87.5°	136.9	125.3	116.3	112.2	109.8	108.6	106.8	104.7	102.6	100.3	97.6
90°	136.9	125.6	116.6	112.5	110.1	108.9	107.1	104.7	102.9	100.6	97.6
92.5°	136.9	125.3	116.3	112.2	109.8	108.6	106.8	104.7	102.6	100.3	97.6
95°	136.9	125.0	116.0	111.9	109.5	108.3	106.5	104.7	102.3	100.0	97.6
97.5°	136.0	124.7	115.7	111.3	109.2	107.7	106.2	104.1	102.1	99.8	97.1
100°	134.6	124.4	115.4	110.7	108.9	107.1	105.9	103.6	101.8	99.5	96.6
102.5°	133.7	122.8	114.5	109.8	107.7	106.3	105.0	102.8	101.0	98.7	96.1
105°	132.6	121.4	113.7	108.9	106.6	105.4	104.2	102.0	100.1	97.8	95.4
107.5°	130.7	119.7	112.0	107.4	105.4	104.2	102.8	100.9	98.8	96.7	94.2
110°	128.7	117.9	110.4	105.9	104.2	103.0	101.4	99.6	97.5	95.5	93.0



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	126.7	115.9	108.5	104.1	102.4	101.3	99.7	97.9	96.1	94.0	91.6
115°	123.9	114.2	106.6	102.3	100.7	99.5	97.9	96.2	94.4	92.3	90.0
117.5°	121.0	111.3	104.1	100.0	98.4	97.2	95.8	94.0	92.1	90.3	88.2
120°	117.9	108.3	101.6	97.6	96.0	94.8	93.6	91.9	89.9	88.0	86.2
122.5°	114.2	105.1	98.9	94.9	93.4	92.2	90.9	89.4	87.6	85.5	83.7
125°	110.4	101.8	96.1	92.2	90.7	89.6	88.2	86.7	85.2	83.0	81.1
127.5°	106.6	98.5	92.7	89.3	87.6	86.3	85.1	83.7	82.2	80.3	78.5
130°	102.7	95.0	89.4	86.3	84.4	83.1	82.0	80.8	79.1	77.4	75.6
132.5°	97.8	90.8	85.6	82.4	80.8	79.6	78.6	77.4	75.8	74.2	72.6
135°	92.8	86.6	81.8	78.5	77.3	76.1	75.1	73.9	72.4	70.8	69.4
137.5°	88.0	82.1	77.6	74.7	73.4	72.3	71.3	70.2	68.8	67.2	65.8
140°	83.3	77.5	73.5	70.8	69.6	68.5	67.5	66.4	65.1	63.6	62.1
142.5°	77.7	72.6	69.0	66.4	65.4	64.4	63.5	62.4	61.4	59.8	58.2
145°	72.2	67.6	64.5	61.9	61.2	60.3	59.4	58.4	57.3	55.9	54.3
147.5°	66.9	62.3	59.8	57.5	56.6	55.7	54.8	53.9	53.0	51.9	50.4
150°	61.4	56.9	55.0	53.0	52.1	51.0	50.2	49.3	48.6	47.7	46.3
152.5°	55.4	51.8	49.9	47.9	47.2	46.4	45.6	44.8	43.9	43.0	41.9
155°	49.4	46.7	44.8	42.8	42.3	41.7	41.0	40.2	39.3	38.4	37.4
157.5°	43.2	40.9	39.3	37.5	37.0	36.4	35.8	35.0	34.3	33.6	32.8
160°	36.2	35.0	33.9	32.7	32.0	31.3	30.6	30.1	29.6	29.0	28.2
162.5°	30.6	29.6	28.5	27.4	26.9	26.3	25.7	25.2	24.8	24.2	23.6
165°	25.0	24.1	23.1	22.0	21.7	21.3	20.8	20.4	20.0	19.5	19.1
167.5°	19.5	18.7	17.8	17.0	16.7	16.5	16.2	15.8	15.5	15.1	14.7
170°	14.0	13.3	12.6	11.9	11.8	11.6	11.5	11.3	11.0	10.8	10.5
172.5°	9.6	9.1	8.6	8.0	8.0	7.9	7.7	7.6	7.4	7.2	7.0
175°	5.2	4.9	4.6	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7
177.5°	2.9	2.7	2.6	2.4	2.4	2.3	2.3	2.3	2.2	2.2	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: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.5	1.4
5°	3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4
7.5°	6.8	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.8	3.5
10°	10.2	9.8	9.5	9.1	8.7	8.3	7.8	7.4	7.0	6.5	6.0
12.5°	14.2	13.8	13.2	12.6	12.0	11.4	10.7	10.1	9.5	8.9	8.2
15°	18.6	17.8	17.1	16.4	15.6	14.8	14.1	13.3	12.4	11.6	10.7
17.5°	22.8	22.0	21.0	20.1	19.3	18.4	17.5	16.6	15.6	14.6	13.6
20°	27.3	26.3	25.3	24.3	23.2	22.2	21.2	20.1	18.9	17.5	16.2
22.5°	31.9	30.8	29.6	28.3	27.2	26.1	24.9	23.5	22.0	20.5	19.0
25°	36.3	35.2	33.9	32.6	31.3	29.9	28.4	26.8	25.2	23.6	21.9
27.5°	40.6	39.3	38.0	36.6	35.1	33.5	31.9	30.2	28.4	26.5	24.6
30°	44.8	43.4	42.0	40.4	38.8	37.0	35.1	33.1	31.3	29.2	27.2
32.5°	48.9	47.6	46.0	44.1	42.3	40.5	38.5	36.5	34.4	32.4	30.2
35°	52.9	51.4	49.6	47.7	45.9	44.0	41.9	39.7	37.4	35.2	32.8
37.5°	56.9	55.2	53.3	51.3	49.3	47.2	45.0	42.6	40.2	37.8	35.3
40°	60.6	58.8	56.7	54.5	52.5	50.3	48.0	45.5	42.8	40.3	37.7
42.5°	64.2	62.3	59.9	57.6	55.5	53.2	50.8	48.1	45.3	42.8	40.0
45°	67.3	65.2	63.0	60.7	58.4	56.2	53.5	50.7	47.9	45.1	42.1
47.5°	70.4	68.3	66.1	63.6	61.1	58.6	55.9	53.1	50.3	47.2	44.3
50°	73.5	71.2	68.8	66.3	63.7	61.0	58.2	55.3	52.4	49.3	46.3
52.5°	76.4	74.0	71.5	68.8	66.2	63.4	60.4	57.5	54.5	51.1	48.0
55°	78.9	76.4	73.9	71.1	68.5	65.6	62.5	59.3	56.2	53.0	49.8
57.5°	81.3	78.9	76.2	73.3	70.6	67.5	64.3	61.1	58.1	54.7	51.3
60°	83.7	80.9	78.2	75.3	72.5	69.3	66.2	62.9	59.6	56.1	52.7
62.5°	85.8	82.9	80.3	77.3	74.2	71.0	67.7	64.3	61.1	57.3	53.7
65°	87.6	84.8	81.7	78.9	75.9	72.6	69.2	65.7	62.3	58.4	54.9
67.5°	89.2	86.4	83.2	80.6	77.5	73.9	70.5	67.0	63.4	59.6	55.7
70°	90.3	87.7	84.9	81.8	78.3	75.2	71.7	68.1	64.5	60.6	56.5
72.5°	91.5	88.8	85.8	82.7	79.5	76.1	72.7	68.9	65.1	61.4	57.1
75°	92.6	89.7	86.7	83.4	80.1	76.9	73.4	69.6	65.7	61.9	57.7
77.5°	93.4	90.5	87.5	84.1	80.8	77.5	73.9	70.2	66.3	62.1	58.0
80°	94.1	91.2	88.2	84.7	81.2	77.7	74.4	70.6	66.6	62.4	58.2
82.5°	94.4	91.5	88.6	85.1	81.5	78.0	74.8	70.9	66.8	62.6	58.4
85°	94.7	91.7	88.8	85.2	81.6	78.1	74.6	70.9	66.8	62.6	58.4
87.5°	94.9	91.9	88.7	85.4	81.8	78.3	74.7	70.9	66.7	62.6	58.4
90°	95.2	92.2	88.7	85.7	82.1	78.5	75.0	70.8	66.6	62.5	58.3
92.5°	94.9	91.9	88.7	85.4	81.8	78.3	74.7	70.9	66.7	62.6	58.4
95°	94.7	91.7	88.8	85.2	81.6	78.1	74.6	70.9	66.8	62.6	58.4
97.5°	94.4	91.5	88.6	85.1	81.5	78.0	74.8	70.9	66.8	62.6	58.4
100°	94.1	91.2	88.2	84.7	81.2	77.7	74.4	70.6	66.6	62.4	58.2
102.5°	93.4	90.5	87.5	84.1	80.8	77.5	73.9	70.2	66.3	62.1	58.0
105°	92.6	89.7	86.7	83.4	80.1	76.9	73.4	69.6	65.7	61.9	57.7
107.5°	91.5	88.8	85.8	82.7	79.5	76.1	72.7	68.9	65.1	61.4	57.1
110°	90.3	87.7	84.9	81.8	78.3	75.2	71.7	68.1	64.5	60.6	56.5



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	89.2	86.4	83.2	80.6	77.5	73.9	70.5	67.0	63.4	59.6	55.7
115°	87.6	84.8	81.7	78.9	75.9	72.6	69.2	65.7	62.3	58.4	54.9
117.5°	85.8	82.9	80.3	77.3	74.2	71.0	67.7	64.3	61.1	57.3	53.7
120°	83.7	80.9	78.2	75.3	72.5	69.3	66.2	62.9	59.6	56.1	52.7
122.5°	81.3	78.9	76.2	73.3	70.6	67.5	64.3	61.1	58.1	54.7	51.3
125°	78.9	76.4	73.9	71.1	68.5	65.6	62.5	59.3	56.2	53.0	49.8
127.5°	76.4	74.0	71.5	68.8	66.2	63.4	60.4	57.5	54.5	51.1	48.0
130°	73.5	71.2	68.8	66.3	63.7	61.0	58.2	55.3	52.4	49.3	46.3
132.5°	70.4	68.3	66.1	63.6	61.1	58.6	55.9	53.1	50.3	47.2	44.3
135°	67.3	65.2	63.0	60.7	58.4	56.2	53.5	50.7	47.9	45.1	42.1
137.5°	64.2	62.3	59.9	57.6	55.5	53.2	50.8	48.1	45.3	42.8	40.0
140°	60.6	58.8	56.7	54.5	52.5	50.3	48.0	45.5	42.8	40.3	37.7
142.5°	56.9	55.2	53.3	51.3	49.3	47.2	45.0	42.6	40.2	37.8	35.3
145°	52.9	51.4	49.6	47.7	45.9	44.0	41.9	39.7	37.4	35.2	32.8
147.5°	48.9	47.6	46.0	44.1	42.3	40.5	38.5	36.5	34.4	32.4	30.2
150°	44.8	43.4	42.0	40.4	38.8	37.0	35.1	33.1	31.3	29.2	27.2
152.5°	40.6	39.3	38.0	36.6	35.1	33.5	31.9	30.2	28.4	26.5	24.6
155°	36.3	35.2	33.9	32.6	31.3	29.9	28.4	26.8	25.2	23.6	21.9
157.5°	31.9	30.8	29.6	28.3	27.2	26.1	24.9	23.5	22.0	20.5	19.0
160°	27.3	26.3	25.3	24.3	23.2	22.2	21.2	20.1	18.9	17.5	16.2
162.5°	22.8	22.0	21.0	20.1	19.3	18.4	17.5	16.6	15.6	14.6	13.6
165°	18.6	17.8	17.1	16.4	15.6	14.8	14.1	13.3	12.4	11.6	10.7
167.5°	14.2	13.8	13.2	12.6	12.0	11.4	10.7	10.1	9.5	8.9	8.2
170°	10.2	9.8	9.5	9.1	8.7	8.3	7.8	7.4	7.0	6.5	6.0
172.5°	6.8	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.8	3.5
175°	3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4
177.5°	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	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: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.7	0.6
5°	2.2	2.1	2.0	1.8	1.7	1.6	1.5	1.3	1.2	1.1	0.9
7.5°	3.0	2.9	2.7	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4
10°	5.6	5.0	4.5	3.9	3.4	2.7	2.5	2.2	2.0	1.8	1.5
12.5°	7.6	6.9	6.2	5.6	4.9	4.2	3.6	2.9	2.3	2.1	1.8
15°	9.7	8.8	8.1	7.3	6.5	5.7	4.9	4.0	3.2	2.3	1.8
17.5°	12.4	11.3	10.1	8.9	7.9	6.9	6.0	5.1	4.1	3.2	2.3
20°	14.9	13.6	12.3	11.0	9.7	8.3	7.1	6.1	5.1	4.1	3.2
22.5°	17.5	16.1	14.6	13.0	11.5	10.0	8.4	7.0	5.9	4.8	3.7
25°	20.2	18.4	16.6	14.8	13.2	11.6	10.0	8.3	6.6	5.4	4.2
27.5°	22.7	20.8	19.0	17.1	15.1	13.2	11.3	9.5	7.7	5.8	4.7
30°	25.2	23.2	21.1	19.0	16.8	14.7	12.7	10.8	8.9	6.9	5.0
32.5°	27.8	25.5	23.3	20.9	18.7	16.5	14.2	11.7	9.7	7.7	5.7
35°	30.3	28.0	25.6	23.1	20.6	18.0	15.6	13.2	10.8	8.7	6.4
37.5°	32.8	30.3	27.6	25.1	22.4	19.7	17.1	14.5	11.8	9.2	6.9
40°	35.0	32.3	29.5	26.6	23.8	21.1	18.5	15.6	12.7	9.8	7.3
42.5°	37.1	34.4	31.5	28.5	25.7	22.5	19.1	16.1	13.3	10.6	8.1
45°	39.3	36.4	33.3	30.3	26.9	23.4	20.1	16.8	13.9	11.1	8.4
47.5°	41.3	38.1	34.9	31.6	28.2	24.7	21.0	17.6	14.7	11.5	8.6
50°	43.1	39.7	36.3	32.7	29.0	25.3	21.5	18.2	15.0	12.0	8.9
52.5°	44.7	41.1	37.7	33.8	29.8	25.9	22.2	18.7	15.4	12.3	9.2
55°	46.2	42.6	39.0	34.8	30.7	26.6	22.7	19.1	16.0	12.6	9.5
57.5°	47.6	44.0	40.2	35.8	31.8	27.3	23.2	19.7	16.4	12.9	9.6
60°	48.8	45.1	41.1	36.5	32.2	27.9	23.7	20.1	16.5	12.9	9.7
62.5°	50.0	46.2	42.0	37.4	32.8	28.4	24.1	20.1	16.4	13.0	9.9
65°	51.1	47.1	42.8	38.2	33.4	29.0	24.5	20.3	16.8	13.1	9.8
67.5°	51.9	48.0	43.8	39.2	34.2	29.5	24.8	20.7	17.0	13.1	9.8
70°	52.6	48.5	44.2	39.9	34.8	29.5	24.9	20.6	17.0	12.9	9.7
72.5°	53.4	49.1	45.0	40.6	35.8	30.2	25.5	20.9	16.8	12.8	9.3
75°	53.8	49.6	45.5	40.9	36.2	30.8	25.5	21.0	16.8	12.7	9.0
77.5°	54.0	49.9	45.5	41.0	36.7	31.6	26.4	21.2	16.4	12.4	8.7
80°	54.0	49.8	45.5	41.0	36.6	32.1	26.9	21.3	16.6	12.2	8.3
82.5°	54.2	49.7	45.4	41.0	36.6	31.9	27.1	22.0	16.8	12.0	7.9
85°	54.3	49.6	45.1	41.0	36.4	31.6	26.9	22.4	17.6	12.6	7.7
87.5°	54.2	49.7	45.4	41.0	36.6	31.9	27.1	22.0	16.8	12.0	7.9
90°	54.1	50.0	45.2	40.5	36.3	31.5	26.8	22.0	17.3	12.5	8.3
92.5°	54.2	49.7	44.8	40.6	35.9	31.7	26.4	22.2	17.5	13.1	8.2
95°	54.3	49.6	45.1	41.0	36.4	31.6	26.9	22.4	17.6	12.6	7.7
97.5°	54.2	49.7	45.4	41.0	36.6	31.9	27.1	22.0	16.8	12.0	7.9
100°	54.0	49.8	45.5	41.0	36.6	32.1	26.9	21.3	16.6	12.2	8.3
102.5°	54.0	49.9	45.5	41.0	36.7	31.6	26.4	21.2	16.4	12.4	8.7
105°	53.8	49.6	45.5	40.9	36.2	30.8	25.5	21.0	16.8	12.7	9.0
107.5°	53.4	49.1	45.0	40.6	35.8	30.2	25.5	20.9	16.8	12.8	9.3
110°	52.6	48.5	44.2	39.9	34.8	29.5	24.9	20.6	17.0	12.9	9.7



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	51.9	48.0	43.8	39.2	34.2	29.5	24.8	20.7	17.0	13.1	9.8
115°	51.1	47.1	42.8	38.2	33.4	29.0	24.5	20.3	16.8	13.1	9.8
117.5°	50.0	46.2	42.0	37.4	32.8	28.4	24.1	20.1	16.4	13.0	9.9
120°	48.8	45.1	41.1	36.5	32.2	27.9	23.7	20.1	16.5	12.9	9.7
122.5°	47.6	44.0	40.2	35.8	31.8	27.3	23.2	19.7	16.4	12.9	9.6
125°	46.2	42.6	39.0	34.8	30.7	26.6	22.7	19.1	16.0	12.6	9.5
127.5°	44.7	41.1	37.7	33.8	29.8	25.9	22.2	18.7	15.4	12.3	9.2
130°	43.1	39.7	36.3	32.7	29.0	25.3	21.5	18.2	15.0	12.0	8.9
132.5°	41.3	38.1	34.9	31.6	28.2	24.7	21.0	17.6	14.7	11.5	8.6
135°	39.3	36.4	33.3	30.3	26.9	23.4	20.1	16.8	13.9	11.1	8.4
137.5°	37.1	34.4	31.5	28.5	25.7	22.5	19.1	16.1	13.3	10.6	8.1
140°	35.0	32.3	29.5	26.6	23.8	21.1	18.5	15.6	12.7	9.8	7.3
142.5°	32.8	30.3	27.6	25.1	22.4	19.7	17.1	14.5	11.8	9.2	6.9
145°	30.3	28.0	25.6	23.1	20.6	18.0	15.6	13.2	10.8	8.7	6.4
147.5°	27.8	25.5	23.3	20.9	18.7	16.5	14.2	11.7	9.7	7.7	5.7
150°	25.2	23.2	21.1	19.0	16.8	14.7	12.7	10.8	8.9	6.9	5.0
152.5°	22.7	20.8	19.0	17.1	15.1	13.2	11.3	9.5	7.7	5.8	4.7
155°	20.2	18.4	16.6	14.8	13.2	11.6	10.0	8.3	6.6	5.4	4.2
157.5°	17.5	16.1	14.6	13.0	11.5	10.0	8.4	7.0	5.9	4.8	3.7
160°	14.9	13.6	12.3	11.0	9.7	8.3	7.1	6.1	5.1	4.1	3.2
162.5°	12.4	11.3	10.1	8.9	7.9	6.9	6.0	5.1	4.1	3.2	2.3
165°	9.7	8.8	8.1	7.3	6.5	5.7	4.9	4.0	3.2	2.3	1.8
167.5°	7.6	6.9	6.2	5.6	4.9	4.2	3.6	2.9	2.3	2.1	1.8
170°	5.6	5.0	4.5	3.9	3.4	2.7	2.5	2.2	2.0	1.8	1.5
172.5°	3.0	2.9	2.7	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4
175°	2.2	2.1	2.0	1.8	1.7	1.6	1.5	1.3	1.2	1.1	0.9
177.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.7	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: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	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	0.7	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
7.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
10°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
12.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
15°	1.5	1.3	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°	3.1	2.0	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
27.5°	3.4	2.1	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
30°	3.7	2.5	1.2	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.2
32.5°	4.0	2.8	1.6	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.6
35°	4.3	2.9	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
37.5°	4.8	2.9	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.7
40°	5.2	3.0	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.7
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°	5.8	3.7	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.7
47.5°	5.9	3.8	1.9	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.9
50°	6.1	3.7	1.9	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.9
52.5°	6.6	4.0	2.1	0.6	0.2	0.0	0.0	0.0	0.2	0.6	2.1
55°	6.4	4.0	2.0	0.8	0.3	0.0	0.0	0.0	0.3	0.8	2.0
57.5°	6.5	4.0	1.9	1.0	0.6	0.6	0.6	0.6	0.6	1.0	1.9
60°	6.9	4.4	2.3	1.0	0.6	0.6	0.6	0.6	0.6	1.0	2.3
62.5°	7.2	4.2	2.2	0.7	0.1	0.6	0.6	0.6	0.1	0.7	2.2
65°	7.1	4.3	2.2	0.7	0.5	0.6	0.6	0.6	0.5	0.7	2.2
67.5°	7.0	4.3	2.2	0.6	0.1	0.5	0.6	0.5	0.1	0.6	2.2
70°	7.1	4.3	1.9	0.6	0.0	0.4	0.6	0.4	0.0	0.6	1.9
72.5°	6.7	4.4	2.2	0.4	0.0	0.6	0.6	0.6	0.0	0.4	2.2
75°	6.2	3.7	1.8	0.5	0.0	0.6	0.6	0.6	0.0	0.5	1.8
77.5°	5.9	3.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
80°	5.3	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	4.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	3.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.3	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	5.9	3.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
105°	6.2	3.7	1.8	0.5	0.0	0.6	0.6	0.6	0.0	0.5	1.8
107.5°	6.7	4.4	2.2	0.4	0.0	0.6	0.6	0.6	0.0	0.4	2.2
110°	7.1	4.3	1.9	0.6	0.0	0.4	0.6	0.4	0.0	0.6	1.9



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	7.0	4.3	2.2	0.6	0.1	0.5	0.6	0.5	0.1	0.6	2.2
115°	7.1	4.3	2.2	0.7	0.5	0.6	0.6	0.6	0.5	0.7	2.2
117.5°	7.2	4.2	2.2	0.7	0.1	0.6	0.6	0.6	0.1	0.7	2.2
120°	6.9	4.4	2.3	1.0	0.6	0.6	0.6	0.6	0.6	1.0	2.3
122.5°	6.5	4.0	1.9	1.0	0.6	0.6	0.6	0.6	0.6	1.0	1.9
125°	6.4	4.0	2.0	0.8	0.3	0.0	0.0	0.0	0.3	0.8	2.0
127.5°	6.6	4.0	2.1	0.6	0.2	0.0	0.0	0.0	0.2	0.6	2.1
130°	6.1	3.7	1.9	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.9
132.5°	5.9	3.8	1.9	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.9
135°	5.8	3.7	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°	5.2	3.0	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.7
142.5°	4.8	2.9	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.7
145°	4.3	2.9	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
147.5°	4.0	2.8	1.6	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.6
150°	3.7	2.5	1.2	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.2
152.5°	3.4	2.1	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
155°	3.1	2.0	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	1.3	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
167.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
170°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
172.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
175°	0.8	0.7	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: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	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	0.7	0.7	0.8	0.9	1.0	1.1	1.1	1.2
5°	0.7	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.8	2.0
7.5°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.7
10°	1.1	1.3	1.5	1.8	2.0	2.2	2.5	2.7	3.4	3.9	4.5
12.5°	1.3	1.6	1.8	2.1	2.3	2.9	3.6	4.2	4.9	5.6	6.2
15°	1.3	1.5	1.8	2.3	3.2	4.0	4.9	5.7	6.5	7.3	8.1
17.5°	1.4	1.7	2.3	3.2	4.1	5.1	6.0	6.9	7.9	8.9	10.1
20°	1.6	2.2	3.2	4.1	5.1	6.1	7.1	8.3	9.7	11.0	12.3
22.5°	1.5	2.6	3.7	4.8	5.9	7.0	8.4	10.0	11.5	13.0	14.6
25°	2.0	3.1	4.2	5.4	6.6	8.3	10.0	11.6	13.2	14.8	16.6
27.5°	2.1	3.4	4.7	5.8	7.7	9.5	11.3	13.2	15.1	17.1	19.0
30°	2.5	3.7	5.0	6.9	8.9	10.8	12.7	14.7	16.8	19.0	21.1
32.5°	2.8	4.0	5.7	7.7	9.7	11.7	14.2	16.5	18.7	20.9	23.3
35°	2.9	4.3	6.4	8.7	10.8	13.2	15.6	18.0	20.6	23.1	25.6
37.5°	2.9	4.8	6.9	9.2	11.8	14.5	17.1	19.7	22.4	25.1	27.6
40°	3.0	5.2	7.3	9.8	12.7	15.6	18.5	21.1	23.8	26.6	29.5
42.5°	3.3	5.6	8.1	10.6	13.3	16.1	19.1	22.5	25.7	28.5	31.5
45°	3.7	5.8	8.4	11.1	13.9	16.8	20.1	23.4	26.9	30.3	33.3
47.5°	3.8	5.9	8.6	11.5	14.7	17.6	21.0	24.7	28.2	31.6	34.9
50°	3.7	6.1	8.9	12.0	15.0	18.2	21.5	25.3	29.0	32.7	36.3
52.5°	4.0	6.6	9.2	12.3	15.4	18.7	22.2	25.9	29.8	33.8	37.7
55°	4.0	6.4	9.5	12.6	16.0	19.1	22.7	26.6	30.7	34.8	39.0
57.5°	4.0	6.5	9.6	12.9	16.4	19.7	23.2	27.3	31.8	35.8	40.2
60°	4.4	6.9	9.7	12.9	16.5	20.1	23.7	27.9	32.2	36.5	41.1
62.5°	4.2	7.2	9.9	13.0	16.4	20.1	24.1	28.4	32.8	37.4	42.0
65°	4.3	7.1	9.8	13.1	16.8	20.3	24.5	29.0	33.4	38.2	42.8
67.5°	4.3	7.0	9.8	13.1	17.0	20.7	24.8	29.5	34.2	39.2	43.8
70°	4.3	7.1	9.7	12.9	17.0	20.6	24.9	29.5	34.8	39.9	44.2
72.5°	4.4	6.7	9.3	12.8	16.8	20.9	25.5	30.2	35.8	40.6	45.0
75°	3.7	6.2	9.0	12.7	16.8	21.0	25.5	30.8	36.2	40.9	45.5
77.5°	3.5	5.9	8.7	12.4	16.4	21.2	26.4	31.6	36.7	41.0	45.5
80°	2.8	5.3	8.3	12.2	16.6	21.3	26.9	32.1	36.6	41.0	45.5
82.5°	2.0	4.7	7.9	12.0	16.8	22.0	27.1	31.9	36.6	41.0	45.4
85°	1.1	4.1	7.7	12.6	17.6	22.4	26.9	31.6	36.4	41.0	45.1
87.5°	0.3	3.5	8.2	13.1	17.5	22.2	26.4	31.7	35.9	40.6	44.8
90°	0.0	4.2	8.3	12.5	17.3	22.0	26.8	31.5	36.3	40.5	45.2
92.5°	0.3	3.5	8.2	13.1	17.5	22.2	26.4	31.7	35.9	40.6	44.8
95°	1.1	4.1	7.7	12.6	17.6	22.4	26.9	31.6	36.4	41.0	45.1
97.5°	2.0	4.7	7.9	12.0	16.8	22.0	27.1	31.9	36.6	41.0	45.4
100°	2.8	5.3	8.3	12.2	16.6	21.3	26.9	32.1	36.6	41.0	45.5
102.5°	3.5	5.9	8.7	12.4	16.4	21.2	26.4	31.6	36.7	41.0	45.5
105°	3.7	6.2	9.0	12.7	16.8	21.0	25.5	30.8	36.2	40.9	45.5
107.5°	4.4	6.7	9.3	12.8	16.8	20.9	25.5	30.2	35.8	40.6	45.0
110°	4.3	7.1	9.7	12.9	17.0	20.6	24.9	29.5	34.8	39.9	44.2



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	4.3	7.0	9.8	13.1	17.0	20.7	24.8	29.5	34.2	39.2	43.8
115°	4.3	7.1	9.8	13.1	16.8	20.3	24.5	29.0	33.4	38.2	42.8
117.5°	4.2	7.2	9.9	13.0	16.4	20.1	24.1	28.4	32.8	37.4	42.0
120°	4.4	6.9	9.7	12.9	16.5	20.1	23.7	27.9	32.2	36.5	41.1
122.5°	4.0	6.5	9.6	12.9	16.4	19.7	23.2	27.3	31.8	35.8	40.2
125°	4.0	6.4	9.5	12.6	16.0	19.1	22.7	26.6	30.7	34.8	39.0
127.5°	4.0	6.6	9.2	12.3	15.4	18.7	22.2	25.9	29.8	33.8	37.7
130°	3.7	6.1	8.9	12.0	15.0	18.2	21.5	25.3	29.0	32.7	36.3
132.5°	3.8	5.9	8.6	11.5	14.7	17.6	21.0	24.7	28.2	31.6	34.9
135°	3.7	5.8	8.4	11.1	13.9	16.8	20.1	23.4	26.9	30.3	33.3
137.5°	3.3	5.6	8.1	10.6	13.3	16.1	19.1	22.5	25.7	28.5	31.5
140°	3.0	5.2	7.3	9.8	12.7	15.6	18.5	21.1	23.8	26.6	29.5
142.5°	2.9	4.8	6.9	9.2	11.8	14.5	17.1	19.7	22.4	25.1	27.6
145°	2.9	4.3	6.4	8.7	10.8	13.2	15.6	18.0	20.6	23.1	25.6
147.5°	2.8	4.0	5.7	7.7	9.7	11.7	14.2	16.5	18.7	20.9	23.3
150°	2.5	3.7	5.0	6.9	8.9	10.8	12.7	14.7	16.8	19.0	21.1
152.5°	2.1	3.4	4.7	5.8	7.7	9.5	11.3	13.2	15.1	17.1	19.0
155°	2.0	3.1	4.2	5.4	6.6	8.3	10.0	11.6	13.2	14.8	16.6
157.5°	1.5	2.6	3.7	4.8	5.9	7.0	8.4	10.0	11.5	13.0	14.6
160°	1.6	2.2	3.2	4.1	5.1	6.1	7.1	8.3	9.7	11.0	12.3
162.5°	1.4	1.7	2.3	3.2	4.1	5.1	6.0	6.9	7.9	8.9	10.1
165°	1.3	1.5	1.8	2.3	3.2	4.0	4.9	5.7	6.5	7.3	8.1
167.5°	1.3	1.6	1.8	2.1	2.3	2.9	3.6	4.2	4.9	5.6	6.2
170°	1.1	1.3	1.5	1.8	2.0	2.2	2.5	2.7	3.4	3.9	4.5
172.5°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.7
175°	0.7	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.8	2.0
177.5°	0.4	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.1	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: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0
5°	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.4
7.5°	2.9	3.0	3.5	3.8	4.2	4.6	4.9	5.3	5.6	5.9	6.2
10°	5.0	5.6	6.0	6.5	7.0	7.4	7.8	8.3	8.7	9.1	9.5
12.5°	6.9	7.6	8.2	8.9	9.5	10.1	10.7	11.4	12.0	12.6	13.2
15°	8.8	9.7	10.7	11.6	12.4	13.3	14.1	14.8	15.6	16.4	17.1
17.5°	11.3	12.4	13.6	14.6	15.6	16.6	17.5	18.4	19.3	20.1	21.0
20°	13.6	14.9	16.2	17.5	18.9	20.1	21.2	22.2	23.2	24.3	25.3
22.5°	16.1	17.5	19.0	20.5	22.0	23.5	24.9	26.1	27.2	28.3	29.6
25°	18.4	20.2	21.9	23.6	25.2	26.8	28.4	29.9	31.3	32.6	33.9
27.5°	20.8	22.7	24.6	26.5	28.4	30.2	31.9	33.5	35.1	36.6	38.0
30°	23.2	25.2	27.2	29.2	31.3	33.1	35.1	37.0	38.8	40.4	42.0
32.5°	25.5	27.8	30.2	32.4	34.4	36.5	38.5	40.5	42.3	44.1	46.0
35°	28.0	30.3	32.8	35.2	37.4	39.7	41.9	44.0	45.9	47.7	49.6
37.5°	30.3	32.8	35.3	37.8	40.2	42.6	45.0	47.2	49.3	51.3	53.3
40°	32.3	35.0	37.7	40.3	42.8	45.5	48.0	50.3	52.5	54.5	56.7
42.5°	34.4	37.1	40.0	42.8	45.3	48.1	50.8	53.2	55.5	57.6	59.9
45°	36.4	39.3	42.1	45.1	47.9	50.7	53.5	56.2	58.4	60.7	63.0
47.5°	38.1	41.3	44.3	47.2	50.3	53.1	55.9	58.6	61.1	63.6	66.1
50°	39.7	43.1	46.3	49.3	52.4	55.3	58.2	61.0	63.7	66.3	68.8
52.5°	41.1	44.7	48.0	51.1	54.5	57.5	60.4	63.4	66.2	68.8	71.5
55°	42.6	46.2	49.8	53.0	56.2	59.3	62.5	65.6	68.5	71.1	73.9
57.5°	44.0	47.6	51.3	54.7	58.1	61.1	64.3	67.5	70.6	73.3	76.2
60°	45.1	48.8	52.7	56.1	59.6	62.9	66.2	69.3	72.5	75.3	78.2
62.5°	46.2	50.0	53.7	57.3	61.1	64.3	67.7	71.0	74.2	77.3	80.3
65°	47.1	51.1	54.9	58.4	62.3	65.7	69.2	72.6	75.9	78.9	81.7
67.5°	48.0	51.9	55.7	59.6	63.4	67.0	70.5	73.9	77.5	80.6	83.2
70°	48.5	52.6	56.5	60.6	64.5	68.1	71.7	75.2	78.3	81.8	84.9
72.5°	49.1	53.4	57.1	61.4	65.1	68.9	72.7	76.1	79.5	82.7	85.8
75°	49.6	53.8	57.7	61.9	65.7	69.6	73.4	76.9	80.1	83.4	86.7
77.5°	49.9	54.0	58.0	62.1	66.3	70.2	73.9	77.5	80.8	84.1	87.5
80°	49.8	54.0	58.2	62.4	66.6	70.6	74.4	77.7	81.2	84.7	88.2
82.5°	49.7	54.2	58.4	62.6	66.8	70.9	74.8	78.0	81.5	85.1	88.6
85°	49.6	54.3	58.4	62.6	66.8	70.9	74.6	78.1	81.6	85.2	88.8
87.5°	49.7	54.2	58.4	62.6	66.8	70.9	74.6	78.1	81.6	85.2	88.8
90°	50.0	54.1	58.3	62.5	66.6	70.8	75.0	78.5	82.1	85.7	88.7
92.5°	49.7	54.2	58.4	62.6	66.7	70.9	74.7	78.3	81.8	85.4	88.7
95°	49.6	54.3	58.4	62.6	66.8	70.9	74.6	78.1	81.6	85.2	88.8
97.5°	49.7	54.2	58.4	62.6	66.8	70.9	74.8	78.0	81.5	85.1	88.6
100°	49.8	54.0	58.2	62.4	66.6	70.6	74.4	77.7	81.2	84.7	88.2
102.5°	49.9	54.0	58.0	62.1	66.3	70.2	73.9	77.5	80.8	84.1	87.5
105°	49.6	53.8	57.7	61.9	65.7	69.6	73.4	76.9	80.1	83.4	86.7
107.5°	49.1	53.4	57.1	61.4	65.1	68.9	72.7	76.1	79.5	82.7	85.8
110°	48.5	52.6	56.5	60.6	64.5	68.1	71.7	75.2	78.3	81.8	84.9



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	48.0	51.9	55.7	59.6	63.4	67.0	70.5	73.9	77.5	80.6	83.2
115°	47.1	51.1	54.9	58.4	62.3	65.7	69.2	72.6	75.9	78.9	81.7
117.5°	46.2	50.0	53.7	57.3	61.1	64.3	67.7	71.0	74.2	77.3	80.3
120°	45.1	48.8	52.7	56.1	59.6	62.9	66.2	69.3	72.5	75.3	78.2
122.5°	44.0	47.6	51.3	54.7	58.1	61.1	64.3	67.5	70.6	73.3	76.2
125°	42.6	46.2	49.8	53.0	56.2	59.3	62.5	65.6	68.5	71.1	73.9
127.5°	41.1	44.7	48.0	51.1	54.5	57.5	60.4	63.4	66.2	68.8	71.5
130°	39.7	43.1	46.3	49.3	52.4	55.3	58.2	61.0	63.7	66.3	68.8
132.5°	38.1	41.3	44.3	47.2	50.3	53.1	55.9	58.6	61.1	63.6	66.1
135°	36.4	39.3	42.1	45.1	47.9	50.7	53.5	56.2	58.4	60.7	63.0
137.5°	34.4	37.1	40.0	42.8	45.3	48.1	50.8	53.2	55.5	57.6	59.9
140°	32.3	35.0	37.7	40.3	42.8	45.5	48.0	50.3	52.5	54.5	56.7
142.5°	30.3	32.8	35.3	37.8	40.2	42.6	45.0	47.2	49.3	51.3	53.3
145°	28.0	30.3	32.8	35.2	37.4	39.7	41.9	44.0	45.9	47.7	49.6
147.5°	25.5	27.8	30.2	32.4	34.4	36.5	38.5	40.5	42.3	44.1	46.0
150°	23.2	25.2	27.2	29.2	31.3	33.1	35.1	37.0	38.8	40.4	42.0
152.5°	20.8	22.7	24.6	26.5	28.4	30.2	31.9	33.5	35.1	36.6	38.0
155°	18.4	20.2	21.9	23.6	25.2	26.8	28.4	29.9	31.3	32.6	33.9
157.5°	16.1	17.5	19.0	20.5	22.0	23.5	24.9	26.1	27.2	28.3	29.6
160°	13.6	14.9	16.2	17.5	18.9	20.1	21.2	22.2	23.2	24.3	25.3
162.5°	11.3	12.4	13.6	14.6	15.6	16.6	17.5	18.4	19.3	20.1	21.0
165°	8.8	9.7	10.7	11.6	12.4	13.3	14.1	14.8	15.6	16.4	17.1
167.5°	6.9	7.6	8.2	8.9	9.5	10.1	10.7	11.4	12.0	12.6	13.2
170°	5.0	5.6	6.0	6.5	7.0	7.4	7.8	8.3	8.7	9.1	9.5
172.5°	2.9	3.0	3.5	3.8	4.2	4.6	4.9	5.3	5.6	5.9	6.2
175°	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.4
177.5°	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0
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: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.6
5°	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.6
7.5°	6.5	6.8	7.0	7.2	7.4	7.6	7.7	7.9	8.0	8.1	8.6
10°	9.8	10.2	10.5	10.8	11.0	11.3	11.5	11.6	11.8	11.9	12.6
12.5°	13.8	14.2	14.7	15.1	15.5	15.8	16.2	16.5	16.7	17.0	17.8
15°	17.8	18.6	19.1	19.5	20.0	20.4	20.8	21.3	21.7	22.0	23.1
17.5°	22.0	22.8	23.6	24.2	24.8	25.2	25.7	26.3	26.9	27.4	28.5
20°	26.3	27.3	28.2	29.0	29.6	30.1	30.6	31.3	32.0	32.7	33.9
22.5°	30.8	31.9	32.8	33.6	34.3	35.0	35.8	36.4	37.0	37.5	39.3
25°	35.2	36.3	37.4	38.4	39.3	40.2	41.0	41.7	42.3	42.8	44.8
27.5°	39.3	40.6	41.9	43.0	43.9	44.8	45.6	46.4	47.2	47.9	49.9
30°	43.4	44.8	46.3	47.7	48.6	49.3	50.2	51.0	52.1	53.0	55.0
32.5°	47.6	48.9	50.4	51.9	53.0	53.9	54.8	55.7	56.6	57.5	59.8
35°	51.4	52.9	54.3	55.9	57.3	58.4	59.4	60.3	61.2	61.9	64.5
37.5°	55.2	56.9	58.2	59.8	61.4	62.4	63.5	64.4	65.4	66.4	69.0
40°	58.8	60.6	62.1	63.6	65.1	66.4	67.5	68.5	69.6	70.8	73.5
42.5°	62.3	64.2	65.8	67.2	68.8	70.2	71.3	72.3	73.4	74.7	77.6
45°	65.2	67.3	69.4	70.8	72.4	73.9	75.1	76.1	77.3	78.5	81.8
47.5°	68.3	70.4	72.6	74.2	75.8	77.4	78.6	79.6	80.8	82.4	85.6
50°	71.2	73.5	75.6	77.4	79.1	80.8	82.0	83.1	84.4	86.3	89.4
52.5°	74.0	76.4	78.5	80.3	82.2	83.7	85.1	86.3	87.6	89.3	92.7
55°	76.4	78.9	81.1	83.0	85.2	86.7	88.2	89.6	90.7	92.2	96.1
57.5°	78.9	81.3	83.7	85.5	87.6	89.4	90.9	92.2	93.4	94.9	98.9
60°	80.9	83.7	86.2	88.0	89.9	91.9	93.6	94.8	96.0	97.6	101.6
62.5°	82.9	85.8	88.2	90.3	92.1	94.0	95.8	97.2	98.4	100.0	104.1
65°	84.8	87.6	90.0	92.3	94.4	96.2	97.9	99.5	100.7	102.3	106.6
67.5°	86.4	89.2	91.6	94.0	96.1	97.9	99.7	101.3	102.4	104.1	108.5
70°	87.7	90.3	93.0	95.5	97.5	99.6	101.4	103.0	104.2	105.9	110.4
72.5°	88.8	91.5	94.2	96.7	98.8	100.9	102.8	104.2	105.4	107.4	112.0
75°	89.7	92.6	95.4	97.8	100.1	102.0	104.2	105.4	106.6	108.9	113.7
77.5°	90.5	93.4	96.1	98.7	101.0	102.8	105.0	106.3	107.7	109.8	114.5
80°	91.2	94.1	96.6	99.5	101.8	103.6	105.9	107.1	108.9	110.7	115.4
82.5°	91.5	94.4	97.1	99.8	102.1	104.1	106.2	107.7	109.2	111.3	115.7
85°	91.7	94.7	97.6	100.0	102.3	104.7	106.5	108.3	109.5	111.9	116.0
87.5°	91.9	94.9	97.6	100.3	102.6	104.7	106.8	108.6	109.8	112.2	116.3
90°	92.2	95.2	97.6	100.6	102.9	104.7	107.1	108.9	110.1	112.5	116.6
92.5°	91.9	94.9	97.6	100.3	102.6	104.7	106.8	108.6	109.8	112.2	116.3
95°	91.7	94.7	97.6	100.0	102.3	104.7	106.5	108.3	109.5	111.9	116.0
97.5°	91.5	94.4	97.1	99.8	102.1	104.1	106.2	107.7	109.2	111.3	115.7
100°	91.2	94.1	96.6	99.5	101.8	103.6	105.9	107.1	108.9	110.7	115.4
102.5°	90.5	93.4	96.1	98.7	101.0	102.8	105.0	106.3	107.7	109.8	114.5
105°	89.7	92.6	95.4	97.8	100.1	102.0	104.2	105.4	106.6	108.9	113.7
107.5°	88.8	91.5	94.2	96.7	98.8	100.9	102.8	104.2	105.4	107.4	112.0
110°	87.7	90.3	93.0	95.5	97.5	99.6	101.4	103.0	104.2	105.9	110.4



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	86.4	89.2	91.6	94.0	96.1	97.9	99.7	101.3	102.4	104.1	108.5
115°	84.8	87.6	90.0	92.3	94.4	96.2	97.9	99.5	100.7	102.3	106.6
117.5°	82.9	85.8	88.2	90.3	92.1	94.0	95.8	97.2	98.4	100.0	104.1
120°	80.9	83.7	86.2	88.0	89.9	91.9	93.6	94.8	96.0	97.6	101.6
122.5°	78.9	81.3	83.7	85.5	87.6	89.4	90.9	92.2	93.4	94.9	98.9
125°	76.4	78.9	81.1	83.0	85.2	86.7	88.2	89.6	90.7	92.2	96.1
127.5°	74.0	76.4	78.5	80.3	82.2	83.7	85.1	86.3	87.6	89.3	92.7
130°	71.2	73.5	75.6	77.4	79.1	80.8	82.0	83.1	84.4	86.3	89.4
132.5°	68.3	70.4	72.6	74.2	75.8	77.4	78.6	79.6	80.8	82.4	85.6
135°	65.2	67.3	69.4	70.8	72.4	73.9	75.1	76.1	77.3	78.5	81.8
137.5°	62.3	64.2	65.8	67.2	68.8	70.2	71.3	72.3	73.4	74.7	77.6
140°	58.8	60.6	62.1	63.6	65.1	66.4	67.5	68.5	69.6	70.8	73.5
142.5°	55.2	56.9	58.2	59.8	61.4	62.4	63.5	64.4	65.4	66.4	69.0
145°	51.4	52.9	54.3	55.9	57.3	58.4	59.4	60.3	61.2	61.9	64.5
147.5°	47.6	48.9	50.4	51.9	53.0	53.9	54.8	55.7	56.6	57.5	59.8
150°	43.4	44.8	46.3	47.7	48.6	49.3	50.2	51.0	52.1	53.0	55.0
152.5°	39.3	40.6	41.9	43.0	43.9	44.8	45.6	46.4	47.2	47.9	49.9
155°	35.2	36.3	37.4	38.4	39.3	40.2	41.0	41.7	42.3	42.8	44.8
157.5°	30.8	31.9	32.8	33.6	34.3	35.0	35.8	36.4	37.0	37.5	39.3
160°	26.3	27.3	28.2	29.0	29.6	30.1	30.6	31.3	32.0	32.7	33.9
162.5°	22.0	22.8	23.6	24.2	24.8	25.2	25.7	26.3	26.9	27.4	28.5
165°	17.8	18.6	19.1	19.5	20.0	20.4	20.8	21.3	21.7	22.0	23.1
167.5°	13.8	14.2	14.7	15.1	15.5	15.8	16.2	16.5	16.7	17.0	17.8
170°	9.8	10.2	10.5	10.8	11.0	11.3	11.5	11.6	11.8	11.9	12.6
172.5°	6.5	6.8	7.0	7.2	7.4	7.6	7.7	7.9	8.0	8.1	8.6
175°	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.6
177.5°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.8	4.0	4.1
5°	4.9	5.2	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8
7.5°	9.1	9.6	10.0	10.5	10.9	11.2	11.7	12.7	13.5	14.4	15.2
10°	13.3	14.0	14.6	15.2	15.9	17.3	18.6	19.9	21.1	22.3	23.4
12.5°	18.7	19.5	20.2	21.3	23.0	24.7	26.3	27.8	29.6	31.7	33.7
15°	24.1	25.0	26.0	28.2	30.3	32.3	34.3	36.9	39.5	41.9	44.5
17.5°	29.6	30.6	32.6	35.1	37.6	40.2	43.3	46.3	49.2	52.4	55.6
20°	35.0	36.2	39.2	42.0	44.9	48.8	52.4	56.0	59.9	63.6	67.2
22.5°	40.9	43.2	46.5	49.7	53.5	57.5	61.5	66.0	70.4	74.7	79.3
25°	46.7	49.4	52.7	56.3	61.2	65.8	70.9	76.0	81.0	85.9	90.7
27.5°	51.8	55.4	59.1	63.8	69.1	74.6	80.3	85.9	91.9	97.7	103.4
30°	56.9	61.4	65.8	71.4	77.4	83.5	89.8	96.4	102.8	109.3	115.7
32.5°	62.3	66.9	71.9	78.2	84.7	92.0	99.2	106.4	113.7	120.9	127.7
35°	67.6	72.2	77.9	84.6	92.1	100.2	107.9	115.8	123.8	131.6	138.9
37.5°	72.6	77.7	84.4	91.6	99.7	107.9	116.6	125.2	134.2	141.7	149.7
40°	77.5	83.3	91.0	99.0	107.2	116.0	125.1	134.2	143.2	152.0	160.5
42.5°	82.1	88.0	96.5	105.2	114.1	123.7	133.4	143.2	152.9	162.1	170.9
45°	86.6	92.8	101.7	111.1	120.8	131.0	141.3	151.6	161.9	171.2	180.7
47.5°	90.8	97.8	106.9	116.8	127.2	138.0	148.9	159.8	170.1	180.3	190.4
50°	95.0	102.7	112.1	122.2	133.2	144.5	156.0	167.3	178.1	188.8	200.0
52.5°	98.5	106.6	116.7	127.4	139.1	150.9	162.8	174.6	186.2	197.6	208.5
55°	101.8	110.4	121.2	132.6	145.2	157.0	169.0	181.2	193.3	205.3	216.4
57.5°	105.1	114.2	125.2	137.2	150.2	162.5	174.9	187.5	200.1	212.4	224.1
60°	108.3	117.9	129.1	141.3	154.5	167.7	180.5	193.6	206.5	218.8	230.6
62.5°	111.3	121.0	132.4	145.2	158.8	172.3	185.6	199.4	212.5	225.0	237.2
65°	114.2	123.9	135.5	149.0	162.8	176.3	190.1	204.4	217.5	230.6	243.1
67.5°	115.9	126.7	138.9	152.5	166.5	180.2	194.4	209.0	222.3	235.8	248.4
70°	117.9	128.7	141.9	155.8	169.9	183.9	198.3	213.1	226.8	239.4	252.6
72.5°	119.7	130.7	144.1	158.0	172.4	186.9	201.7	216.6	230.8	244.1	257.1
75°	121.4	132.6	146.1	159.8	174.5	189.7	204.6	219.5	234.0	247.6	260.6
77.5°	122.8	133.7	147.4	161.5	176.6	191.8	207.0	221.7	236.6	250.4	263.7
80°	124.4	134.6	148.5	163.0	178.6	193.4	209.0	223.3	238.4	252.4	265.9
82.5°	124.7	136.0	149.7	164.1	179.7	194.5	210.1	225.0	240.0	254.0	267.8
85°	125.0	136.9	150.0	165.4	180.9	195.8	211.2	227.2	241.5	255.2	269.3
87.5°	125.3	136.9	150.0	165.7	180.9	195.5	211.5	227.3	241.7	255.9	270.2
90°	125.6	136.9	150.0	166.0	180.9	195.2	211.8	227.3	241.0	255.9	270.2
92.5°	125.3	136.9	150.0	165.7	180.9	195.5	211.5	227.3	241.7	255.9	270.2
95°	125.0	136.9	150.0	165.4	180.9	195.8	211.2	227.2	241.5	255.2	269.3
97.5°	124.7	136.0	149.7	164.1	179.7	194.5	210.1	225.0	240.0	254.0	267.8
100°	124.4	134.6	148.5	163.0	178.6	193.4	209.0	223.3	238.4	252.4	265.9
102.5°	122.8	133.7	147.4	161.5	176.6	191.8	207.0	221.7	236.6	250.4	263.7
105°	121.4	132.6	146.1	159.8	174.5	189.7	204.6	219.5	234.0	247.6	260.6
107.5°	119.7	130.7	144.1	158.0	172.4	186.9	201.7	216.6	230.8	244.1	257.1
110°	117.9	128.7	141.9	155.8	169.9	183.9	198.3	213.1	226.8	239.4	252.6



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	115.9	126.7	138.9	152.5	166.5	180.2	194.4	209.0	222.3	235.8	248.4
115°	114.2	123.9	135.5	149.0	162.8	176.3	190.1	204.4	217.5	230.6	243.1
117.5°	111.3	121.0	132.4	145.2	158.8	172.3	185.6	199.4	212.5	225.0	237.2
120°	108.3	117.9	129.1	141.3	154.5	167.7	180.5	193.6	206.5	218.8	230.6
122.5°	105.1	114.2	125.2	137.2	150.2	162.5	174.9	187.5	200.1	212.4	224.1
125°	101.8	110.4	121.2	132.6	145.2	157.0	169.0	181.2	193.3	205.3	216.4
127.5°	98.5	106.6	116.7	127.4	139.1	150.9	162.8	174.6	186.2	197.6	208.5
130°	95.0	102.7	112.1	122.2	133.2	144.5	156.0	167.3	178.1	188.8	200.0
132.5°	90.8	97.8	106.9	116.8	127.2	138.0	148.9	159.8	170.1	180.3	190.4
135°	86.6	92.8	101.7	111.1	120.8	131.0	141.3	151.6	161.9	171.2	180.7
137.5°	82.1	88.0	96.5	105.2	114.1	123.7	133.4	143.2	152.9	162.1	170.9
140°	77.5	83.3	91.0	99.0	107.2	116.0	125.1	134.2	143.2	152.0	160.5
142.5°	72.6	77.7	84.4	91.6	99.7	107.9	116.6	125.2	134.2	141.7	149.7
145°	67.6	72.2	77.9	84.6	92.1	100.2	107.9	115.8	123.8	131.6	138.9
147.5°	62.3	66.9	71.9	78.2	84.7	92.0	99.2	106.4	113.7	120.9	127.7
150°	56.9	61.4	65.8	71.4	77.4	83.5	89.8	96.4	102.8	109.3	115.7
152.5°	51.8	55.4	59.1	63.8	69.1	74.6	80.3	85.9	91.9	97.7	103.4
155°	46.7	49.4	52.7	56.3	61.2	65.8	70.9	76.0	81.0	85.9	90.7
157.5°	40.9	43.2	46.5	49.7	53.5	57.5	61.5	66.0	70.4	74.7	79.3
160°	35.0	36.2	39.2	42.0	44.9	48.8	52.4	56.0	59.9	63.6	67.2
162.5°	29.6	30.6	32.6	35.1	37.6	40.2	43.3	46.3	49.2	52.4	55.6
165°	24.1	25.0	26.0	28.2	30.3	32.3	34.3	36.9	39.5	41.9	44.5
167.5°	18.7	19.5	20.2	21.3	23.0	24.7	26.3	27.8	29.6	31.7	33.7
170°	13.3	14.0	14.6	15.2	15.9	17.3	18.6	19.9	21.1	22.3	23.4
172.5°	9.1	9.6	10.0	10.5	10.9	11.2	11.7	12.7	13.5	14.4	15.2
175°	4.9	5.2	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8
177.5°	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.8	4.0	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



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7
5°	8.3	8.9	9.4	9.9	10.4	10.9	11.3	11.7	12.1	12.4	12.7
7.5°	15.9	16.6	17.3	17.9	18.5	19.3	19.9	20.9	21.7	22.5	23.3
10°	24.9	26.3	27.7	29.0	30.2	31.3	32.3	33.3	34.3	35.2	36.0
12.5°	35.5	37.3	39.1	41.0	42.8	44.5	46.1	47.5	48.8	50.1	51.3
15°	46.8	49.4	51.8	54.1	56.3	58.6	60.8	62.7	64.6	66.2	67.7
17.5°	58.7	62.1	65.0	68.2	71.2	73.9	76.3	78.5	80.6	82.4	84.2
20°	71.2	75.2	79.0	82.6	85.8	88.8	91.6	94.2	96.7	99.0	101.0
22.5°	83.8	88.3	92.6	96.6	100.4	103.8	107.0	109.9	112.7	115.3	117.5
25°	96.1	101.5	107.1	110.9	115.0	118.9	122.5	125.7	128.7	131.5	134.4
27.5°	109.2	114.8	120.0	124.9	129.6	134.0	138.5	141.8	145.4	148.7	151.5
30°	121.8	127.7	133.5	139.3	144.6	149.4	153.9	158.0	161.7	165.0	168.2
32.5°	134.2	140.7	147.2	153.5	159.1	164.2	169.1	173.6	177.5	180.9	184.3
35°	146.1	153.3	160.3	166.9	172.8	178.2	183.3	188.0	192.3	196.3	199.8
37.5°	157.7	165.3	172.8	179.9	185.9	191.8	197.6	202.6	207.0	212.2	215.6
40°	168.9	176.6	184.5	192.0	199.0	206.1	211.8	216.5	221.4	226.2	230.6
42.5°	179.5	187.9	196.5	204.5	211.9	218.2	223.8	229.6	235.6	240.3	244.9
45°	190.1	199.2	207.9	216.0	223.1	229.5	236.2	242.5	248.6	253.9	257.5
47.5°	200.3	209.8	218.6	226.9	234.3	241.5	248.4	254.8	260.7	265.4	269.5
50°	210.1	219.6	228.7	237.3	245.2	252.9	259.9	266.2	272.5	277.2	281.6
52.5°	218.8	228.7	238.4	247.4	255.7	263.2	270.4	277.2	282.7	288.2	292.8
55°	227.1	237.4	247.8	256.2	264.8	273.1	280.7	287.1	293.1	299.1	303.7
57.5°	234.6	245.4	255.5	265.0	274.3	282.3	289.9	297.0	303.0	308.7	313.9
60°	241.8	253.2	263.2	273.0	282.2	290.5	298.5	305.6	311.9	317.8	323.0
62.5°	248.7	259.7	270.4	280.3	289.4	298.5	306.9	314.1	320.3	326.3	331.6
65°	254.7	266.1	277.0	287.1	296.9	306.1	314.8	321.5	327.9	334.2	339.7
67.5°	260.6	272.1	282.9	293.5	303.3	312.2	320.9	328.1	334.8	341.3	347.2
70°	265.1	277.2	288.2	299.1	308.8	318.0	326.6	334.3	341.2	348.1	354.1
72.5°	269.4	281.3	292.7	303.8	313.8	323.3	331.9	339.5	346.9	353.8	360.0
75°	273.2	285.1	296.6	307.7	317.9	327.3	336.3	344.1	351.8	358.7	365.0
77.5°	276.4	288.6	299.8	310.9	321.4	331.1	340.1	348.2	355.4	362.6	368.9
80°	278.5	290.9	302.3	313.5	324.1	334.0	342.9	351.1	358.6	365.7	372.2
82.5°	280.1	292.7	304.3	315.4	326.0	335.5	344.4	353.3	361.1	368.3	374.8
85°	281.3	293.7	305.9	316.8	327.1	336.9	345.8	354.8	362.5	369.8	376.4
87.5°	282.3	294.5	306.8	317.8	328.1	337.8	346.7	355.8	363.0	370.7	377.3
90°	282.6	294.5	306.5	317.8	328.5	337.4	346.3	355.8	363.0	370.7	376.7
92.5°	282.3	294.5	306.8	317.8	328.1	337.8	346.7	355.8	363.0	370.7	377.3
95°	281.3	293.7	305.9	316.8	327.1	336.9	345.8	354.8	362.5	369.8	376.4
97.5°	280.1	292.7	304.3	315.4	326.0	335.5	344.4	353.3	361.1	368.3	374.8
100°	278.5	290.9	302.3	313.5	324.1	334.0	342.9	351.1	358.6	365.7	372.2
102.5°	276.4	288.6	299.8	310.9	321.4	331.1	340.1	348.2	355.4	362.6	368.9
105°	273.2	285.1	296.6	307.7	317.9	327.3	336.3	344.1	351.8	358.7	365.0
107.5°	269.4	281.3	292.7	303.8	313.8	323.3	331.9	339.5	346.9	353.8	360.0
110°	265.1	277.2	288.2	299.1	308.8	318.0	326.6	334.3	341.2	348.1	354.1



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	260.6	272.1	282.9	293.5	303.3	312.2	320.9	328.1	334.8	341.3	347.2
115°	254.7	266.1	277.0	287.1	296.9	306.1	314.8	321.5	327.9	334.2	339.7
117.5°	248.7	259.7	270.4	280.3	289.4	298.5	306.9	314.1	320.3	326.3	331.6
120°	241.8	253.2	263.2	273.0	282.2	290.5	298.5	305.6	311.9	317.8	323.0
122.5°	234.6	245.4	255.5	265.0	274.3	282.3	289.9	297.0	303.0	308.7	313.9
125°	227.1	237.4	247.8	256.2	264.8	273.1	280.7	287.1	293.1	299.1	303.7
127.5°	218.8	228.7	238.4	247.4	255.7	263.2	270.4	277.2	282.7	288.2	292.8
130°	210.1	219.6	228.7	237.3	245.2	252.9	259.9	266.2	272.5	277.2	281.6
132.5°	200.3	209.8	218.6	226.9	234.3	241.5	248.4	254.8	260.7	265.4	269.5
135°	190.1	199.2	207.9	216.0	223.1	229.5	236.2	242.5	248.6	253.9	257.5
137.5°	179.5	187.9	196.5	204.5	211.9	218.2	223.8	229.6	235.6	240.3	244.9
140°	168.9	176.6	184.5	192.0	199.0	206.1	211.8	216.5	221.4	226.2	230.6
142.5°	157.7	165.3	172.8	179.9	185.9	191.8	197.6	202.6	207.0	212.2	215.6
145°	146.1	153.3	160.3	166.9	172.8	178.2	183.3	188.0	192.3	196.3	199.8
147.5°	134.2	140.7	147.2	153.5	159.1	164.2	169.1	173.6	177.5	180.9	184.3
150°	121.8	127.7	133.5	139.3	144.6	149.4	153.9	158.0	161.7	165.0	168.2
152.5°	109.2	114.8	120.0	124.9	129.6	134.0	138.5	141.8	145.4	148.7	151.5
155°	96.1	101.5	107.1	110.9	115.0	118.9	122.5	125.7	128.7	131.5	134.4
157.5°	83.8	88.3	92.6	96.6	100.4	103.8	107.0	109.9	112.7	115.3	117.5
160°	71.2	75.2	79.0	82.6	85.8	88.8	91.6	94.2	96.7	99.0	101.0
162.5°	58.7	62.1	65.0	68.2	71.2	73.9	76.3	78.5	80.6	82.4	84.2
165°	46.8	49.4	51.8	54.1	56.3	58.6	60.8	62.7	64.6	66.2	67.7
167.5°	35.5	37.3	39.1	41.0	42.8	44.5	46.1	47.5	48.8	50.1	51.3
170°	24.9	26.3	27.7	29.0	30.2	31.3	32.3	33.3	34.3	35.2	36.0
172.5°	15.9	16.6	17.3	17.9	18.5	19.3	19.9	20.9	21.7	22.5	23.3
175°	8.3	8.9	9.4	9.9	10.4	10.9	11.3	11.7	12.1	12.4	12.7
177.5°	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.7	4.7	4.7	4.7	4.7	4.6	4.7	4.6	4.6	4.5	4.4
5°	13.0	13.3	13.5	13.7	13.8	13.9	14.0	14.0	14.3	14.2	14.0
7.5°	24.0	24.6	25.1	25.6	26.0	26.4	26.6	26.9	27.0	27.4	27.2
10°	36.6	37.6	38.5	39.3	39.9	40.5	40.9	41.2	41.4	42.0	41.7
12.5°	52.3	53.3	54.0	54.8	55.8	56.6	57.4	57.9	58.3	58.6	59.0
15°	69.1	70.3	71.4	72.2	72.9	73.8	74.7	75.4	75.8	76.1	76.5
17.5°	85.9	87.5	88.9	90.0	90.9	91.6	92.4	93.2	93.7	94.0	94.5
20°	102.8	104.5	106.0	107.3	108.3	109.0	109.5	110.1	110.7	111.1	111.8
22.5°	119.5	121.2	122.9	124.5	125.9	126.8	127.4	127.7	128.4	128.9	129.7
25°	137.0	139.3	141.3	142.6	143.8	144.8	145.5	145.9	146.3	146.9	147.1
27.5°	153.8	156.0	157.9	159.6	160.9	162.2	163.0	163.3	163.2	163.6	163.8
30°	170.5	173.0	175.4	177.4	178.4	179.3	180.0	180.3	180.3	180.5	180.8
32.5°	187.3	189.6	191.3	193.1	194.5	195.6	196.2	196.4	196.1	195.6	195.9
35°	202.7	205.2	207.4	209.2	210.7	211.6	212.0	212.2	212.1	211.7	212.4
37.5°	218.6	221.0	223.2	225.1	226.7	227.3	227.2	227.1	227.4	227.4	227.5
40°	233.8	235.9	237.9	239.9	241.3	241.9	242.1	241.9	242.1	241.8	242.1
42.5°	248.1	250.5	252.7	254.6	256.0	256.6	256.9	256.6	256.1	255.8	255.5
45°	261.1	264.3	266.5	268.6	269.8	271.3	271.2	270.9	270.4	270.1	269.0
47.5°	273.4	277.0	280.0	282.0	282.7	283.7	284.3	284.1	283.4	282.7	281.8
50°	285.5	289.2	292.0	294.2	296.0	296.7	296.9	296.7	296.2	295.5	295.0
52.5°	297.0	300.9	304.0	306.6	308.5	309.5	309.7	309.5	308.7	307.5	306.8
55°	307.9	311.8	315.2	317.8	320.1	321.2	321.4	321.1	320.4	319.3	319.0
57.5°	318.1	321.9	325.3	328.1	330.9	332.1	332.7	332.2	331.1	330.2	329.6
60°	327.5	331.4	334.4	337.7	340.7	342.2	342.9	342.4	341.4	340.7	340.1
62.5°	336.4	340.0	343.5	347.4	349.8	351.4	352.3	352.3	351.4	350.3	348.6
65°	344.7	348.8	352.5	355.6	358.2	360.2	361.2	361.5	360.1	359.1	357.5
67.5°	352.7	356.8	360.3	362.9	365.2	367.5	368.9	369.5	368.1	366.9	365.7
70°	359.3	363.9	367.7	369.7	371.9	373.9	375.4	376.1	375.7	374.0	373.1
72.5°	365.3	369.9	373.6	376.6	378.2	379.8	381.0	381.6	382.5	380.4	378.9
75°	370.3	375.1	378.8	381.5	383.5	385.1	385.5	386.5	386.8	386.5	384.6
77.5°	374.7	379.4	383.5	386.4	388.4	389.8	390.1	390.1	390.4	391.0	389.3
80°	378.1	382.7	386.7	389.8	391.8	393.8	394.2	393.5	392.5	393.5	393.4
82.5°	380.7	385.1	389.0	392.1	394.3	396.0	396.8	396.7	396.1	394.2	395.8
85°	382.3	387.0	390.6	393.8	395.9	397.5	398.4	398.2	397.9	396.8	394.7
87.5°	382.6	387.2	390.8	393.9	396.2	397.4	398.1	398.3	398.1	397.1	396.4
90°	382.6	386.8	390.9	393.9	395.7	396.9	398.1	397.5	396.9	395.7	393.9
92.5°	382.6	387.2	390.8	393.9	396.2	397.4	398.1	398.3	398.1	397.1	396.4
95°	382.3	387.0	390.6	393.8	395.9	397.5	398.4	398.2	397.9	396.8	394.7
97.5°	380.7	385.1	389.0	392.1	394.3	396.0	396.8	396.7	396.1	394.2	395.8
100°	378.1	382.7	386.7	389.8	391.8	393.8	394.2	393.5	392.5	393.5	393.4
102.5°	374.7	379.4	383.5	386.4	388.4	389.8	390.1	390.1	390.4	391.0	389.3
105°	370.3	375.1	378.8	381.5	383.5	385.1	385.5	386.5	386.8	386.5	384.6
107.5°	365.3	369.9	373.6	376.6	378.2	379.8	381.0	381.6	382.5	380.4	378.9
110°	359.3	363.9	367.7	369.7	371.9	373.9	375.4	376.1	375.7	374.0	373.1



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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°	352.7	356.8	360.3	362.9	365.2	367.5	368.9	369.5	368.1	366.9	365.7
115°	344.7	348.8	352.5	355.6	358.2	360.2	361.2	361.5	360.1	359.1	357.5
117.5°	336.4	340.0	343.5	347.4	349.8	351.4	352.3	352.3	351.4	350.3	348.6
120°	327.5	331.4	334.4	337.7	340.7	342.2	342.9	342.4	341.4	340.7	340.1
122.5°	318.1	321.9	325.3	328.1	330.9	332.1	332.7	332.2	331.1	330.2	329.6
125°	307.9	311.8	315.2	317.8	320.1	321.2	321.4	321.1	320.4	319.3	319.0
127.5°	297.0	300.9	304.0	306.6	308.5	309.5	309.7	309.5	308.7	307.5	306.8
130°	285.5	289.2	292.0	294.2	296.0	296.7	296.9	296.7	296.2	295.5	295.0
132.5°	273.4	277.0	280.0	282.0	282.7	283.7	284.3	284.1	283.4	282.7	281.8
135°	261.1	264.3	266.5	268.6	269.8	271.3	271.2	270.9	270.4	270.1	269.0
137.5°	248.1	250.5	252.7	254.6	256.0	256.6	256.9	256.6	256.1	255.8	255.5
140°	233.8	235.9	237.9	239.9	241.3	241.9	242.1	241.9	242.1	241.8	242.1
142.5°	218.6	221.0	223.2	225.1	226.7	227.3	227.2	227.1	227.4	227.4	227.5
145°	202.7	205.2	207.4	209.2	210.7	211.6	212.0	212.2	212.1	211.7	212.4
147.5°	187.3	189.6	191.3	193.1	194.5	195.6	196.2	196.4	196.1	195.6	195.9
150°	170.5	173.0	175.4	177.4	178.4	179.3	180.0	180.3	180.3	180.5	180.8
152.5°	153.8	156.0	157.9	159.6	160.9	162.2	163.0	163.3	163.2	163.6	163.8
155°	137.0	139.3	141.3	142.6	143.8	144.8	145.5	145.9	146.3	146.9	147.1
157.5°	119.5	121.2	122.9	124.5	125.9	126.8	127.4	127.7	128.4	128.9	129.7
160°	102.8	104.5	106.0	107.3	108.3	109.0	109.5	110.1	110.7	111.1	111.8
162.5°	85.9	87.5	88.9	90.0	90.9	91.6	92.4	93.2	93.7	94.0	94.5
165°	69.1	70.3	71.4	72.2	72.9	73.8	74.7	75.4	75.8	76.1	76.5
167.5°	52.3	53.3	54.0	54.8	55.8	56.6	57.4	57.9	58.3	58.6	59.0
170°	36.6	37.6	38.5	39.3	39.9	40.5	40.9	41.2	41.4	42.0	41.7
172.5°	24.0	24.6	25.1	25.6	26.0	26.4	26.6	26.9	27.0	27.4	27.2
175°	13.0	13.3	13.5	13.7	13.8	13.9	14.0	14.0	14.3	14.2	14.0
177.5°	4.7	4.7	4.7	4.7	4.7	4.6	4.7	4.6	4.6	4.5	4.4
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°	4.3	4.2
5°	13.9	13.7
7.5°	27.0	26.8
10°	41.4	41.1
12.5°	58.6	58.3
15°	76.1	75.6
17.5°	94.0	93.4
20°	111.2	110.7
22.5°	129.1	128.5
25°	147.1	146.4
27.5°	163.8	163.0
30°	181.0	180.3
32.5°	196.0	195.2
35°	213.2	213.0
37.5°	227.6	226.7
40°	244.2	245.2
42.5°	256.8	257.1
45°	270.2	270.2
47.5°	283.7	285.0
50°	296.9	298.7
52.5°	307.2	307.6
55°	319.5	319.5
57.5°	330.1	331.4
60°	340.3	339.8
62.5°	349.5	349.9
65°	358.4	358.8
67.5°	366.2	367.1
70°	373.5	373.7
72.5°	379.8	380.8
75°	384.7	386.2
77.5°	389.5	391.5
80°	392.9	394.5
82.5°	395.9	398.1
85°	398.3	399.9
87.5°	396.1	401.1
90°	393.9	397.5
92.5°	396.1	401.1
95°	398.3	399.9
97.5°	395.9	398.1
100°	392.9	394.5
102.5°	389.5	391.5
105°	384.7	386.2
107.5°	379.8	380.8
110°	373.5	373.7



TEST NUMBER: P231957

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	366.2	367.1
115°	358.4	358.8
117.5°	349.5	349.9
120°	340.3	339.8
122.5°	330.1	331.4
125°	319.5	319.5
127.5°	307.2	307.6
130°	296.9	298.7
132.5°	283.7	285.0
135°	270.2	270.2
137.5°	256.8	257.1
140°	244.2	245.2
142.5°	227.6	226.7
145°	213.2	213.0
147.5°	196.0	195.2
150°	181.0	180.3
152.5°	163.8	163.0
155°	147.1	146.4
157.5°	129.1	128.5
160°	111.2	110.7
162.5°	94.0	93.4
165°	76.1	75.6
167.5°	58.6	58.3
170°	41.4	41.1
172.5°	27.0	26.8
175°	13.9	13.7
177.5°	4.3	4.2
180°	0.0	0.0

(END OF REPORT)