

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: P231920

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

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231920
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-9)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

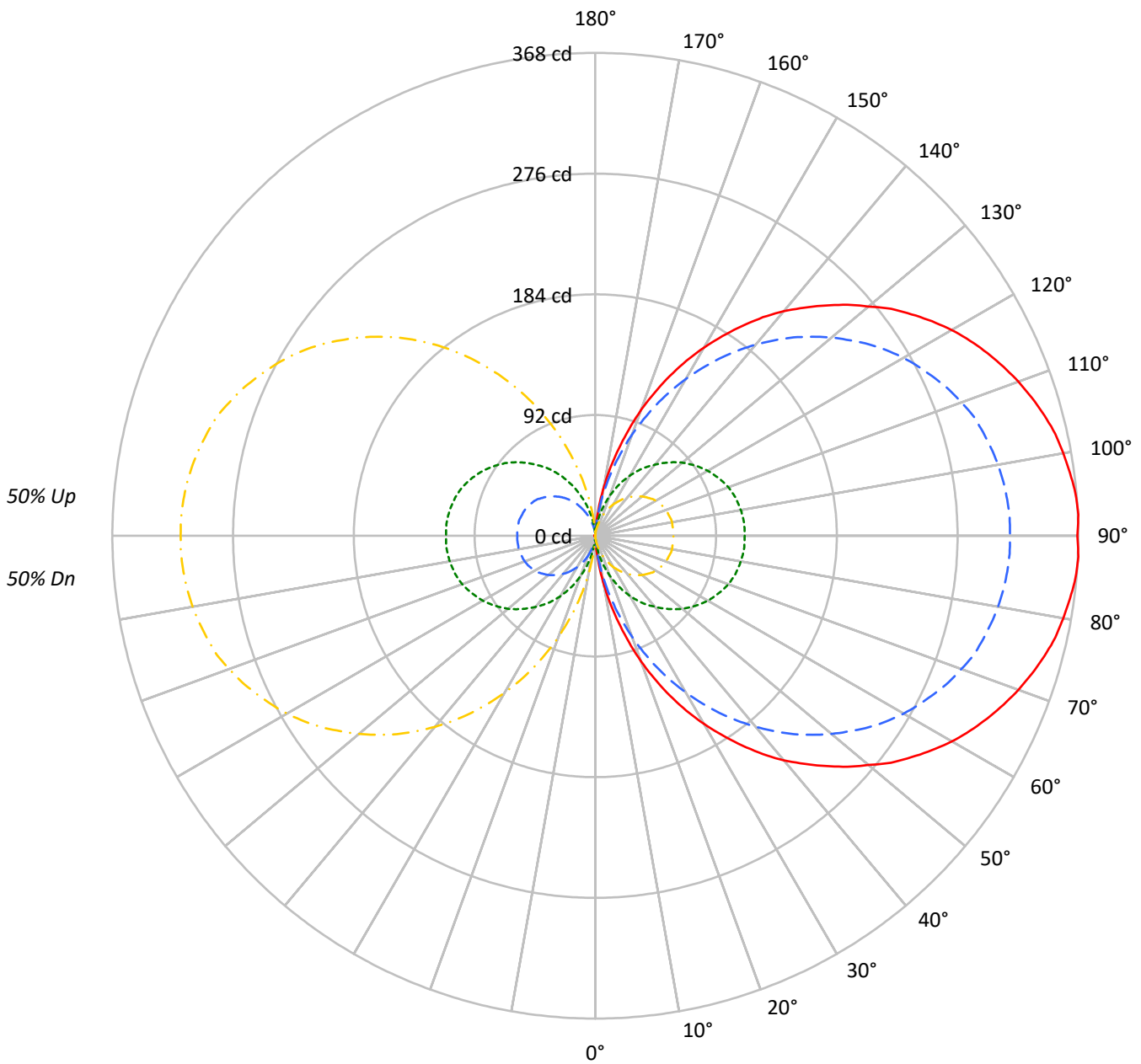
Lumens per Lamp: N/A
Luminaire Lumens: 1647.5 lumens
Efficiency: N/A
Efficacy: 68.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 24.1
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	72	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	43	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	30	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	310	122	0	122
10°	886	367	0	367
15°	1466	666	0	666
20°	2024	975	0	975
25°	2499	1321	0	1321
30°	2921	1678	0	1678
35°	3292	2051	0	2051
40°	3642	2432	0	2432
45°	3942	2877	0	2877
50°	4241	3383	0	3383
55°	4545	3943	0	3943
60°	4833	4624	0	4624
65°	5105	5451	9	5451
70°	5385	6526	9	6526
75°	5679	7972	0	7972
80°	5974	10091	0	10091
85°	6296	13657	0	13657



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.9	0.1
10°-20°	9.2	0.6
20°-30°	28.6	1.7
30°-40°	56.9	3.5
40°-50°	90.2	5.5
50°-60°	123.8	7.5
60°-70°	153.4	9.3
70°-80°	175.0	10.6
80°-90°	185.7	11.3
90°-100°	185.7	11.3
100°-110°	175.0	10.6
110°-120°	153.4	9.3
120°-130°	123.8	7.5
130°-140°	90.2	5.5
140°-150°	56.9	3.5
150°-160°	28.6	1.7
160°-170°	9.2	0.6
170°-180°	0.9	0.1
0°-30°	38.7	2.3
0°-40°	95.6	5.8
0°-60°	309.6	18.8
0°-90°	823.7	50.0
90°-120°	514.2	31.2
90°-150°	785.1	47.7
90°-180°	824.0	50.0
0°-180°	1647.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	12	4	0	4	12	2
15°	68	22	0	22	68	21
25°	134	43	0	43	134	63
35°	195	62	0	62	195	123
45°	248	79	0	79	248	193
55°	294	93	0	93	294	264
65°	330	104	1	104	330	327
75°	354	111	0	111	354	374
85°	367	114	0	114	367	299
90°	367	114	0	114	367	202
95°	367	114	0	114	367	299
105°	354	111	0	111	354	374
115°	330	104	1	104	330	327
125°	294	93	0	93	294	264
135°	248	79	0	79	248	193
145°	195	62	0	62	195	123
155°	134	43	0	43	134	63
165°	68	22	0	22	68	21
175°	12	4	0	4	12	2
180°	0	0	0	0	0	



TEST NUMBER: P231920

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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.6	4.5	4.6	4.6	4.6
5°	11.8	12.0	12.2	12.3	12.5	12.3	12.3	12.3	12.3	12.2	12.1
7.5°	23.6	23.9	24.1	24.4	24.1	24.1	24.0	23.8	23.6	23.3	22.9
10°	37.7	38.0	38.3	38.6	38.1	37.9	37.7	37.3	36.8	36.3	35.6
12.5°	53.1	53.5	53.9	53.6	53.5	53.2	52.7	52.2	51.4	50.6	49.9
15°	68.4	68.9	69.3	69.0	68.8	68.5	68.0	67.3	66.6	66.1	65.4
17.5°	84.9	85.5	86.0	85.5	85.3	84.8	84.1	83.5	83.0	82.3	81.3
20°	102.0	102.4	102.8	102.1	101.6	100.9	100.3	99.9	99.3	98.5	97.5
22.5°	117.9	118.5	119.1	118.4	117.9	117.3	116.9	116.3	115.4	114.2	112.6
25°	134.4	134.8	134.6	134.2	133.6	133.4	133.2	132.6	131.8	130.6	129.5
27.5°	150.3	150.6	150.2	149.7	149.0	149.1	148.9	148.4	147.4	146.7	145.3
30°	165.7	166.0	165.6	164.9	164.7	164.8	164.5	163.8	163.1	162.1	160.7
32.5°	180.4	180.8	180.3	179.7	180.0	180.2	180.0	179.4	178.5	177.2	175.5
35°	195.1	195.3	194.6	194.0	194.6	194.8	194.7	194.5	194.0	192.6	190.7
37.5°	209.9	209.9	208.9	208.6	209.2	209.2	209.1	208.6	207.7	206.8	205.3
40°	223.4	223.1	221.9	222.0	222.7	222.9	223.0	222.7	221.8	220.7	219.3
42.5°	235.8	235.8	234.8	235.4	236.0	236.2	236.2	235.7	235.1	233.9	232.3
45°	248.2	248.2	247.1	247.9	248.3	248.9	249.0	249.3	247.9	247.1	246.4
47.5°	260.6	260.6	259.7	260.2	260.5	260.9	261.0	260.6	259.9	259.1	258.1
50°	271.8	271.8	271.2	271.5	272.1	272.7	272.9	272.4	271.5	270.2	268.6
52.5°	284.1	283.4	282.4	282.4	283.5	284.0	284.0	283.6	282.9	282.2	280.4
55°	294.2	293.3	292.5	292.8	294.3	294.9	294.8	294.4	293.5	292.6	292.3
57.5°	304.2	303.7	302.9	303.2	304.4	305.1	305.1	304.6	304.1	302.1	300.3
60°	313.6	312.6	311.9	312.7	313.7	314.3	314.5	314.1	313.1	311.7	309.7
62.5°	321.9	321.0	320.4	321.4	322.6	323.4	323.5	323.3	321.9	320.2	318.2
65°	329.5	329.1	328.4	329.4	330.5	331.6	331.6	331.3	330.1	328.3	326.0
67.5°	336.6	335.7	335.4	336.4	337.8	338.8	339.0	338.6	337.5	335.5	333.0
70°	343.1	342.1	341.6	342.5	344.4	345.3	345.5	345.3	343.9	342.2	339.9
72.5°	349.0	348.0	347.2	348.8	350.2	351.1	351.5	351.2	349.9	347.9	345.8
75°	354.3	353.2	352.7	354.0	355.6	356.3	356.4	356.3	355.3	353.0	350.3
77.5°	359.0	357.8	357.2	358.4	359.8	360.4	360.9	360.2	359.1	357.4	354.6
80°	362.0	361.0	360.8	362.3	363.4	363.8	364.1	363.6	362.2	360.2	357.6
82.5°	364.9	363.9	363.7	364.7	365.8	366.1	366.0	365.3	364.1	362.2	359.6
85°	367.3	366.4	365.7	366.2	367.0	367.2	367.1	366.4	365.2	363.5	361.1
87.5°	368.4	367.3	365.8	365.7	366.7	367.3	367.2	366.6	365.7	364.2	361.8
90°	367.3	363.7	363.1	364.3	366.1	366.7	366.7	366.7	365.5	364.3	362.0
92.5°	368.4	367.3	365.8	365.7	366.7	367.3	367.2	366.6	365.7	364.2	361.8
95°	367.3	366.4	365.7	366.2	367.0	367.2	367.1	366.4	365.2	363.5	361.1
97.5°	364.9	363.9	363.7	364.7	365.8	366.1	366.0	365.3	364.1	362.2	359.6
100°	362.0	361.0	360.8	362.3	363.4	363.8	364.1	363.6	362.2	360.2	357.6
102.5°	359.0	357.8	357.2	358.4	359.8	360.4	360.9	360.2	359.1	357.4	354.6
105°	354.3	353.2	352.7	354.0	355.6	356.3	356.4	356.3	355.3	353.0	350.3
107.5°	349.0	348.0	347.2	348.8	350.2	351.1	351.5	351.2	349.9	347.9	345.8
110°	343.1	342.1	341.6	342.5	344.4	345.3	345.5	345.3	343.9	342.2	339.9



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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°	336.6	335.7	335.4	336.4	337.8	338.8	339.0	338.6	337.5	335.5	333.0
115°	329.5	329.1	328.4	329.4	330.5	331.6	331.6	331.3	330.1	328.3	326.0
117.5°	321.9	321.0	320.4	321.4	322.6	323.4	323.5	323.3	321.9	320.2	318.2
120°	313.6	312.6	311.9	312.7	313.7	314.3	314.5	314.1	313.1	311.7	309.7
122.5°	304.2	303.7	302.9	303.2	304.4	305.1	305.1	304.6	304.1	302.1	300.3
125°	294.2	293.3	292.5	292.8	294.3	294.9	294.8	294.4	293.5	292.6	292.3
127.5°	284.1	283.4	282.4	282.4	283.5	284.0	284.0	283.6	282.9	282.2	280.4
130°	271.8	271.8	271.2	271.5	272.1	272.7	272.9	272.4	271.5	270.2	268.6
132.5°	260.6	260.6	259.7	260.2	260.5	260.9	261.0	260.6	259.9	259.1	258.1
135°	248.2	248.2	247.1	247.9	248.3	248.9	249.0	249.3	247.9	247.1	246.4
137.5°	235.8	235.8	234.8	235.4	236.0	236.2	236.2	235.7	235.1	233.9	232.3
140°	223.4	223.1	221.9	222.0	222.7	222.9	223.0	222.7	221.8	220.7	219.3
142.5°	209.9	209.9	208.9	208.6	209.2	209.2	209.1	208.6	207.7	206.8	205.3
145°	195.1	195.3	194.6	194.0	194.6	194.8	194.7	194.5	194.0	192.6	190.7
147.5°	180.4	180.8	180.3	179.7	180.0	180.2	180.0	179.4	178.5	177.2	175.5
150°	165.7	166.0	165.6	164.9	164.7	164.8	164.5	163.8	163.1	162.1	160.7
152.5°	150.3	150.6	150.2	149.7	149.0	149.1	148.9	148.4	147.4	146.7	145.3
155°	134.4	134.8	134.6	134.2	133.6	133.4	133.2	132.6	131.8	130.6	129.5
157.5°	117.9	118.5	119.1	118.4	117.9	117.3	116.9	116.3	115.4	114.2	112.6
160°	102.0	102.4	102.8	102.1	101.6	100.9	100.3	99.9	99.3	98.5	97.5
162.5°	84.9	85.5	86.0	85.5	85.3	84.8	84.1	83.5	83.0	82.3	81.3
165°	68.4	68.9	69.3	69.0	68.8	68.5	68.0	67.3	66.6	66.1	65.4
167.5°	53.1	53.5	53.9	53.6	53.5	53.2	52.7	52.2	51.4	50.6	49.9
170°	37.7	38.0	38.3	38.6	38.1	37.9	37.7	37.3	36.8	36.3	35.6
172.5°	23.6	23.9	24.1	24.4	24.1	24.1	24.0	23.8	23.6	23.3	22.9
175°	11.8	12.0	12.2	12.3	12.5	12.3	12.3	12.3	12.3	12.2	12.1
177.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.6	4.5	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.1
5°	12.0	11.8	11.6	11.4	11.1	10.9	10.6	10.2	9.9	9.5	9.1
7.5°	22.4	21.9	21.3	20.7	20.0	19.3	18.4	17.8	17.1	16.6	16.1
10°	34.8	34.0	33.4	32.7	31.8	30.9	30.0	29.1	28.1	27.0	25.9
12.5°	49.2	48.3	47.4	46.3	45.1	43.9	42.6	41.2	39.7	38.1	36.3
15°	64.5	63.4	62.2	60.8	59.3	57.6	55.9	54.1	52.1	50.3	48.3
17.5°	80.1	78.6	77.1	75.6	73.9	72.1	70.0	67.8	65.5	63.0	60.4
20°	96.3	94.8	93.1	91.2	89.2	87.1	84.7	82.1	79.2	76.1	73.1
22.5°	111.5	110.2	108.6	106.5	104.0	101.5	99.0	96.1	93.1	89.5	86.0
25°	128.0	126.3	124.4	122.3	119.6	116.7	113.5	110.2	106.6	102.7	99.0
27.5°	143.7	141.8	139.8	137.4	134.5	131.4	128.6	124.3	120.4	116.2	111.8
30°	158.9	156.9	154.9	152.0	149.0	145.8	142.1	138.1	133.9	129.3	124.4
32.5°	174.1	172.2	169.7	166.6	163.3	159.7	155.8	151.5	147.0	142.1	136.8
35°	188.6	186.3	183.8	181.0	177.6	173.5	169.3	164.7	159.7	154.4	148.9
37.5°	203.1	200.5	197.6	194.8	190.8	187.0	182.5	177.6	172.3	166.6	160.7
40°	217.3	214.5	211.5	208.0	204.1	200.0	195.3	190.1	184.5	178.5	172.2
42.5°	230.1	227.5	224.5	220.9	217.4	212.5	207.7	202.1	196.3	189.9	183.2
45°	243.9	240.2	237.0	233.4	229.1	224.4	219.3	213.8	207.4	200.7	193.7
47.5°	256.1	252.9	249.1	245.2	240.7	235.7	230.4	224.5	218.1	211.0	203.8
50°	266.4	263.5	260.3	256.4	252.5	246.6	240.8	235.0	228.2	221.0	213.6
52.5°	277.2	274.2	270.8	266.7	262.2	258.1	251.2	244.7	238.4	230.3	222.7
55°	289.1	284.5	280.7	276.5	271.7	266.8	261.2	254.5	247.1	239.3	231.6
57.5°	298.6	294.7	290.3	285.6	280.8	275.9	269.9	263.2	255.9	247.7	239.3
60°	306.9	303.3	299.2	294.2	289.3	284.1	278.1	271.2	263.6	255.5	247.1
62.5°	315.3	311.5	307.5	302.9	297.8	292.0	285.3	278.3	270.8	262.6	253.9
65°	323.0	319.2	315.2	310.5	305.0	298.9	292.2	285.0	277.4	269.1	260.1
67.5°	330.4	326.5	322.0	317.0	311.7	305.3	298.6	291.5	283.4	274.7	265.5
70°	336.7	332.8	328.9	323.0	317.5	311.1	304.2	296.9	288.7	280.0	270.4
72.5°	342.3	338.1	333.8	328.3	322.3	315.9	309.0	302.3	293.4	284.6	275.1
75°	346.7	342.8	337.9	332.5	326.7	320.1	313.0	305.7	297.6	288.6	279.1
77.5°	351.0	346.9	341.8	336.5	330.5	323.8	316.5	308.9	300.7	291.8	282.4
80°	354.3	350.0	345.0	339.4	333.2	326.5	319.5	311.6	303.3	294.3	284.8
82.5°	356.2	352.0	346.9	341.5	335.2	328.7	321.6	313.7	305.4	296.2	286.7
85°	357.6	353.5	348.4	342.9	336.7	330.0	323.1	315.0	306.7	297.4	288.0
87.5°	358.2	354.3	349.6	343.8	337.8	330.8	324.2	316.0	307.7	298.5	288.9
90°	358.4	354.9	349.6	344.3	337.8	331.3	324.2	316.0	307.7	298.9	288.9
92.5°	358.2	354.3	349.6	343.8	337.8	330.8	324.2	316.0	307.7	298.5	288.9
95°	357.6	353.5	348.4	342.9	336.7	330.0	323.1	315.0	306.7	297.4	288.0
97.5°	356.2	352.0	346.9	341.5	335.2	328.7	321.6	313.7	305.4	296.2	286.7
100°	354.3	350.0	345.0	339.4	333.2	326.5	319.5	311.6	303.3	294.3	284.8
102.5°	351.0	346.9	341.8	336.5	330.5	323.8	316.5	308.9	300.7	291.8	282.4
105°	346.7	342.8	337.9	332.5	326.7	320.1	313.0	305.7	297.6	288.6	279.1
107.5°	342.3	338.1	333.8	328.3	322.3	315.9	309.0	302.3	293.4	284.6	275.1
110°	336.7	332.8	328.9	323.0	317.5	311.1	304.2	296.9	288.7	280.0	270.4



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	330.4	326.5	322.0	317.0	311.7	305.3	298.6	291.5	283.4	274.7	265.5
115°	323.0	319.2	315.2	310.5	305.0	298.9	292.2	285.0	277.4	269.1	260.1
117.5°	315.3	311.5	307.5	302.9	297.8	292.0	285.3	278.3	270.8	262.6	253.9
120°	306.9	303.3	299.2	294.2	289.3	284.1	278.1	271.2	263.6	255.5	247.1
122.5°	298.6	294.7	290.3	285.6	280.8	275.9	269.9	263.2	255.9	247.7	239.3
125°	289.1	284.5	280.7	276.5	271.7	266.8	261.2	254.5	247.1	239.3	231.6
127.5°	277.2	274.2	270.8	266.7	262.2	258.1	251.2	244.7	238.4	230.3	222.7
130°	266.4	263.5	260.3	256.4	252.5	246.6	240.8	235.0	228.2	221.0	213.6
132.5°	256.1	252.9	249.1	245.2	240.7	235.7	230.4	224.5	218.1	211.0	203.8
135°	243.9	240.2	237.0	233.4	229.1	224.4	219.3	213.8	207.4	200.7	193.7
137.5°	230.1	227.5	224.5	220.9	217.4	212.5	207.7	202.1	196.3	189.9	183.2
140°	217.3	214.5	211.5	208.0	204.1	200.0	195.3	190.1	184.5	178.5	172.2
142.5°	203.1	200.5	197.6	194.8	190.8	187.0	182.5	177.6	172.3	166.6	160.7
145°	188.6	186.3	183.8	181.0	177.6	173.5	169.3	164.7	159.7	154.4	148.9
147.5°	174.1	172.2	169.7	166.6	163.3	159.7	155.8	151.5	147.0	142.1	136.8
150°	158.9	156.9	154.9	152.0	149.0	145.8	142.1	138.1	133.9	129.3	124.4
152.5°	143.7	141.8	139.8	137.4	134.5	131.4	128.6	124.3	120.4	116.2	111.8
155°	128.0	126.3	124.4	122.3	119.6	116.7	113.5	110.2	106.6	102.7	99.0
157.5°	111.5	110.2	108.6	106.5	104.0	101.5	99.0	96.1	93.1	89.5	86.0
160°	96.3	94.8	93.1	91.2	89.2	87.1	84.7	82.1	79.2	76.1	73.1
162.5°	80.1	78.6	77.1	75.6	73.9	72.1	70.0	67.8	65.5	63.0	60.4
165°	64.5	63.4	62.2	60.8	59.3	57.6	55.9	54.1	52.1	50.3	48.3
167.5°	49.2	48.3	47.4	46.3	45.1	43.9	42.6	41.2	39.7	38.1	36.3
170°	34.8	34.0	33.4	32.7	31.8	30.9	30.0	29.1	28.1	27.0	25.9
172.5°	22.4	21.9	21.3	20.7	20.0	19.3	18.4	17.8	17.1	16.6	16.1
175°	12.0	11.8	11.6	11.4	11.1	10.9	10.6	10.2	9.9	9.5	9.1
177.5°	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.2	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: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9	2.7
5°	8.7	8.2	7.7	7.5	7.3	7.0	6.7	6.4	6.1	5.8	5.5
7.5°	15.6	15.1	14.5	13.8	13.1	12.4	11.6	11.2	10.8	10.5	10.1
10°	24.6	23.3	22.0	21.0	20.1	19.1	18.0	16.8	15.6	15.1	14.6
12.5°	34.9	33.3	31.7	30.0	28.2	26.7	25.4	24.1	22.7	21.2	20.3
15°	46.3	44.1	42.1	39.8	37.8	35.6	33.3	31.6	29.9	28.1	26.3
17.5°	58.0	55.1	52.5	49.8	47.0	44.5	41.9	39.1	36.9	34.8	32.6
20°	69.9	66.6	63.2	60.0	56.7	53.3	50.3	47.1	43.9	41.4	38.9
22.5°	82.3	78.5	74.5	70.4	66.6	62.7	58.6	55.1	51.5	48.0	45.3
25°	94.6	90.4	85.9	81.3	76.5	72.0	67.5	63.1	59.0	54.9	51.5
27.5°	107.2	102.5	97.4	92.2	86.9	81.5	76.5	71.3	66.6	62.1	58.0
30°	119.5	114.3	108.7	102.9	97.0	91.3	85.6	79.9	74.3	69.3	64.6
32.5°	131.3	125.6	119.5	113.2	106.9	100.6	94.4	88.1	81.7	76.0	70.7
35°	143.0	136.9	130.3	123.5	116.7	109.7	102.8	96.2	89.1	82.6	76.8
37.5°	154.6	148.0	141.0	133.8	127.0	118.9	111.3	103.7	96.3	89.1	82.7
40°	165.7	159.0	151.5	143.6	135.6	127.6	119.8	111.6	103.4	95.7	88.7
42.5°	176.3	169.1	161.6	153.4	144.8	136.0	127.8	119.2	110.2	101.9	94.1
45°	186.5	179.1	171.0	162.3	153.3	144.2	135.3	126.3	117.0	107.9	99.4
47.5°	196.2	188.4	179.9	171.4	161.4	152.0	142.7	133.0	123.1	113.6	104.5
50°	205.7	197.4	188.7	178.9	169.2	159.4	149.8	139.4	128.9	118.8	109.7
52.5°	214.6	205.5	196.3	186.6	176.6	166.5	156.4	145.6	134.5	123.8	114.4
55°	223.0	213.6	203.8	194.0	183.6	173.1	162.3	151.2	140.0	128.9	118.9
57.5°	230.6	221.5	211.7	201.2	190.5	179.5	168.1	156.4	145.2	133.7	123.1
60°	238.0	228.7	218.2	207.7	196.9	185.5	173.6	161.4	150.0	138.3	127.3
62.5°	244.3	234.7	224.4	213.6	203.1	191.2	178.8	166.3	154.4	142.3	130.8
65°	250.3	240.3	230.1	218.6	207.8	196.2	183.6	171.0	158.6	146.1	134.1
67.5°	255.7	245.5	235.4	223.5	212.1	200.4	187.8	174.9	162.1	149.3	137.1
70°	260.6	250.3	239.6	227.9	216.1	203.9	191.2	178.3	165.3	152.3	140.0
72.5°	265.1	254.6	243.6	231.9	219.8	207.2	194.3	181.3	168.1	154.8	142.0
75°	268.8	258.1	246.9	235.1	223.0	210.2	197.1	183.8	170.7	157.1	143.8
77.5°	272.0	260.9	249.9	238.0	225.8	212.8	199.5	186.0	172.6	158.9	145.5
80°	274.1	263.4	252.3	240.2	228.0	215.1	201.4	188.0	174.3	160.4	147.2
82.5°	275.8	265.3	254.1	242.0	229.5	216.6	203.1	189.4	175.2	161.5	148.5
85°	277.3	266.7	255.1	243.4	230.5	218.1	205.0	190.9	176.3	162.7	149.1
87.5°	278.2	267.8	256.1	243.8	231.4	218.1	205.1	191.0	176.6	163.3	149.1
90°	278.2	268.2	256.4	243.5	231.7	218.1	205.1	191.0	176.9	163.9	149.1
92.5°	278.2	267.8	256.1	243.8	231.4	218.1	205.1	191.0	176.6	163.3	149.1
95°	277.3	266.7	255.1	243.4	230.5	218.1	205.0	190.9	176.3	162.7	149.1
97.5°	275.8	265.3	254.1	242.0	229.5	216.6	203.1	189.4	175.2	161.5	148.5
100°	274.1	263.4	252.3	240.2	228.0	215.1	201.4	188.0	174.3	160.4	147.2
102.5°	272.0	260.9	249.9	238.0	225.8	212.8	199.5	186.0	172.6	158.9	145.5
105°	268.8	258.1	246.9	235.1	223.0	210.2	197.1	183.8	170.7	157.1	143.8
107.5°	265.1	254.6	243.6	231.9	219.8	207.2	194.3	181.3	168.1	154.8	142.0
110°	260.6	250.3	239.6	227.9	216.1	203.9	191.2	178.3	165.3	152.3	140.0



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	255.7	245.5	235.4	223.5	212.1	200.4	187.8	174.9	162.1	149.3	137.1
115°	250.3	240.3	230.1	218.6	207.8	196.2	183.6	171.0	158.6	146.1	134.1
117.5°	244.3	234.7	224.4	213.6	203.1	191.2	178.8	166.3	154.4	142.3	130.8
120°	238.0	228.7	218.2	207.7	196.9	185.5	173.6	161.4	150.0	138.3	127.3
122.5°	230.6	221.5	211.7	201.2	190.5	179.5	168.1	156.4	145.2	133.7	123.1
125°	223.0	213.6	203.8	194.0	183.6	173.1	162.3	151.2	140.0	128.9	118.9
127.5°	214.6	205.5	196.3	186.6	176.6	166.5	156.4	145.6	134.5	123.8	114.4
130°	205.7	197.4	188.7	178.9	169.2	159.4	149.8	139.4	128.9	118.8	109.7
132.5°	196.2	188.4	179.9	171.4	161.4	152.0	142.7	133.0	123.1	113.6	104.5
135°	186.5	179.1	171.0	162.3	153.3	144.2	135.3	126.3	117.0	107.9	99.4
137.5°	176.3	169.1	161.6	153.4	144.8	136.0	127.8	119.2	110.2	101.9	94.1
140°	165.7	159.0	151.5	143.6	135.6	127.6	119.8	111.6	103.4	95.7	88.7
142.5°	154.6	148.0	141.0	133.8	127.0	118.9	111.3	103.7	96.3	89.1	82.7
145°	143.0	136.9	130.3	123.5	116.7	109.7	102.8	96.2	89.1	82.6	76.8
147.5°	131.3	125.6	119.5	113.2	106.9	100.6	94.4	88.1	81.7	76.0	70.7
150°	119.5	114.3	108.7	102.9	97.0	91.3	85.6	79.9	74.3	69.3	64.6
152.5°	107.2	102.5	97.4	92.2	86.9	81.5	76.5	71.3	66.6	62.1	58.0
155°	94.6	90.4	85.9	81.3	76.5	72.0	67.5	63.1	59.0	54.9	51.5
157.5°	82.3	78.5	74.5	70.4	66.6	62.7	58.6	55.1	51.5	48.0	45.3
160°	69.9	66.6	63.2	60.0	56.7	53.3	50.3	47.1	43.9	41.4	38.9
162.5°	58.0	55.1	52.5	49.8	47.0	44.5	41.9	39.1	36.9	34.8	32.6
165°	46.3	44.1	42.1	39.8	37.8	35.6	33.3	31.6	29.9	28.1	26.3
167.5°	34.9	33.3	31.7	30.0	28.2	26.7	25.4	24.1	22.7	21.2	20.3
170°	24.6	23.3	22.0	21.0	20.1	19.1	18.0	16.8	15.6	15.1	14.6
172.5°	15.6	15.1	14.5	13.8	13.1	12.4	11.6	11.2	10.8	10.5	10.1
175°	8.7	8.2	7.7	7.5	7.3	7.0	6.7	6.4	6.1	5.8	5.5
177.5°	4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9	2.7
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: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.6	2.4	2.2	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9
5°	5.2	4.8	4.5	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6
7.5°	9.7	9.2	8.7	8.3	8.1	8.0	7.8	7.6	7.4	7.2	6.9
10°	14.1	13.6	13.0	12.4	12.2	11.9	11.6	11.3	11.0	10.7	10.4
12.5°	19.6	18.9	18.2	17.4	17.1	16.7	16.2	15.8	15.3	15.0	14.5
15°	25.3	24.4	23.4	22.4	21.9	21.4	20.8	20.2	19.8	19.4	18.9
17.5°	30.8	29.7	28.6	27.4	26.9	26.4	25.8	25.2	24.7	24.1	23.5
20°	36.4	35.1	33.8	32.4	32.0	31.4	30.9	30.2	29.5	28.8	28.0
22.5°	42.4	40.5	39.1	37.7	37.1	36.4	35.7	35.0	34.2	33.4	32.6
25°	48.4	45.9	44.5	43.0	42.2	41.4	40.6	39.8	39.0	38.2	37.4
27.5°	54.4	51.1	49.6	48.1	47.2	46.3	45.4	44.6	43.7	42.9	41.8
30°	60.5	56.4	54.8	53.1	52.2	51.1	50.3	49.4	48.4	47.3	46.1
32.5°	66.1	61.7	59.6	57.8	56.8	55.7	54.9	53.9	52.9	51.7	50.4
35°	71.5	67.0	64.5	62.5	61.4	60.3	59.4	58.4	57.3	55.9	54.4
37.5°	76.9	72.3	69.1	66.6	65.7	64.7	63.7	62.6	61.4	59.8	58.2
40°	82.1	77.5	73.7	70.7	69.9	69.1	68.1	66.7	65.1	63.5	62.0
42.5°	87.1	81.9	77.8	74.9	73.8	72.8	71.8	70.5	69.0	67.3	65.8
45°	92.2	86.4	81.9	79.0	77.7	76.5	75.5	74.4	72.8	71.1	69.4
47.5°	96.8	90.4	85.6	82.9	81.5	80.2	79.0	77.9	76.3	74.5	72.7
50°	101.4	94.4	89.3	86.7	85.3	83.8	82.4	81.2	79.5	77.8	75.8
52.5°	105.6	98.2	92.9	89.9	88.5	87.1	85.8	84.3	82.7	80.7	78.6
55°	109.7	102.0	96.5	93.1	91.7	90.5	89.1	87.4	85.7	83.4	81.4
57.5°	113.6	105.5	99.6	96.1	94.6	93.2	91.8	90.2	88.2	86.1	84.1
60°	117.5	109.1	102.6	99.0	97.5	95.9	94.5	92.8	90.8	88.8	86.5
62.5°	120.5	111.6	105.1	101.4	99.8	98.2	96.9	95.1	93.0	91.0	88.7
65°	123.4	114.0	107.5	103.8	102.1	100.5	99.2	97.3	95.3	93.2	90.8
67.5°	126.1	116.4	109.6	105.9	104.2	102.5	101.2	99.2	97.1	94.9	92.6
70°	128.7	118.7	111.7	107.9	106.2	104.5	103.3	101.2	98.8	96.5	94.1
72.5°	130.5	120.4	113.3	109.4	107.4	105.9	104.5	102.5	100.2	97.9	95.4
75°	132.1	122.0	115.0	110.8	108.6	107.3	105.6	103.9	101.6	99.2	96.5
77.5°	133.6	123.1	115.8	111.7	109.7	108.5	106.8	104.8	102.5	100.1	97.4
80°	135.0	124.4	116.7	112.6	110.8	109.6	107.9	105.6	103.3	100.9	98.5
82.5°	135.9	125.0	117.3	113.2	111.4	109.9	108.5	106.2	103.8	101.5	98.8
85°	136.2	125.6	117.9	113.8	112.0	110.2	109.1	106.7	104.3	102.0	99.1
87.5°	136.5	125.6	117.9	113.8	112.0	110.5	109.1	107.0	104.3	102.0	99.3
90°	136.8	125.6	117.9	113.8	112.0	110.8	109.1	107.3	104.3	102.0	99.6
92.5°	136.5	125.6	117.9	113.8	112.0	110.5	109.1	107.0	104.3	102.0	99.3
95°	136.2	125.6	117.9	113.8	112.0	110.2	109.1	106.7	104.3	102.0	99.1
97.5°	135.9	125.0	117.3	113.2	111.4	109.9	108.5	106.2	103.8	101.5	98.8
100°	135.0	124.4	116.7	112.6	110.8	109.6	107.9	105.6	103.3	100.9	98.5
102.5°	133.6	123.1	115.8	111.7	109.7	108.5	106.8	104.8	102.5	100.1	97.4
105°	132.1	122.0	115.0	110.8	108.6	107.3	105.6	103.9	101.6	99.2	96.5
107.5°	130.5	120.4	113.3	109.4	107.4	105.9	104.5	102.5	100.2	97.9	95.4
110°	128.7	118.7	111.7	107.9	106.2	104.5	103.3	101.2	98.8	96.5	94.1



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	126.1	116.4	109.6	105.9	104.2	102.5	101.2	99.2	97.1	94.9	92.6
115°	123.4	114.0	107.5	103.8	102.1	100.5	99.2	97.3	95.3	93.2	90.8
117.5°	120.5	111.6	105.1	101.4	99.8	98.2	96.9	95.1	93.0	91.0	88.7
120°	117.5	109.1	102.6	99.0	97.5	95.9	94.5	92.8	90.8	88.8	86.5
122.5°	113.6	105.5	99.6	96.1	94.6	93.2	91.8	90.2	88.2	86.1	84.1
125°	109.7	102.0	96.5	93.1	91.7	90.5	89.1	87.4	85.7	83.4	81.4
127.5°	105.6	98.2	92.9	89.9	88.5	87.1	85.8	84.3	82.7	80.7	78.6
130°	101.4	94.4	89.3	86.7	85.3	83.8	82.4	81.2	79.5	77.8	75.8
132.5°	96.8	90.4	85.6	82.9	81.5	80.2	79.0	77.9	76.3	74.5	72.7
135°	92.2	86.4	81.9	79.0	77.7	76.5	75.5	74.4	72.8	71.1	69.4
137.5°	87.1	81.9	77.8	74.9	73.8	72.8	71.8	70.5	69.0	67.3	65.8
140°	82.1	77.5	73.7	70.7	69.9	69.1	68.1	66.7	65.1	63.5	62.0
142.5°	76.9	72.3	69.1	66.6	65.7	64.7	63.7	62.6	61.4	59.8	58.2
145°	71.5	67.0	64.5	62.5	61.4	60.3	59.4	58.4	57.3	55.9	54.4
147.5°	66.1	61.7	59.6	57.8	56.8	55.7	54.9	53.9	52.9	51.7	50.4
150°	60.5	56.4	54.8	53.1	52.2	51.1	50.3	49.4	48.4	47.3	46.1
152.5°	54.4	51.1	49.6	48.1	47.2	46.3	45.4	44.6	43.7	42.9	41.8
155°	48.4	45.9	44.5	43.0	42.2	41.4	40.6	39.8	39.0	38.2	37.4
157.5°	42.4	40.5	39.1	37.7	37.1	36.4	35.7	35.0	34.2	33.4	32.6
160°	36.4	35.1	33.8	32.4	32.0	31.4	30.9	30.2	29.5	28.8	28.0
162.5°	30.8	29.7	28.6	27.4	26.9	26.4	25.8	25.2	24.7	24.1	23.5
165°	25.3	24.4	23.4	22.4	21.9	21.4	20.8	20.2	19.8	19.4	18.9
167.5°	19.6	18.9	18.2	17.4	17.1	16.7	16.2	15.8	15.3	15.0	14.5
170°	14.1	13.6	13.0	12.4	12.2	11.9	11.6	11.3	11.0	10.7	10.4
172.5°	9.7	9.2	8.7	8.2	8.1	8.0	7.8	7.6	7.4	7.2	6.9
175°	5.2	4.8	4.5	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6
177.5°	2.6	2.4	2.2	2.1	2.0	2.0	2.0	2.0	1.9	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: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3
5°	3.5	3.4	3.3	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5
7.5°	6.7	6.4	6.2	6.0	5.7	5.5	5.2	4.9	4.6	4.3	3.9
10°	10.1	9.8	9.4	9.1	8.7	8.3	7.9	7.5	7.0	6.5	6.0
12.5°	14.1	13.6	13.1	12.5	11.9	11.3	10.6	10.0	9.4	8.8	8.2
15°	18.4	17.8	17.2	16.5	15.8	15.0	14.2	13.3	12.4	11.5	10.6
17.5°	22.8	22.1	21.3	20.5	19.5	18.4	17.4	16.5	15.5	14.5	13.4
20°	27.1	26.2	25.4	24.4	23.3	22.2	21.1	19.9	18.7	17.5	16.3
22.5°	31.6	30.6	29.6	28.5	27.3	26.0	24.7	23.3	22.0	20.6	19.1
25°	36.2	34.9	33.6	32.3	31.0	29.6	28.1	26.5	25.0	23.4	21.7
27.5°	40.4	39.0	37.6	36.2	34.7	33.2	31.6	29.9	28.2	26.5	24.8
30°	44.7	43.2	41.7	40.1	38.6	36.9	35.2	33.4	31.5	29.7	27.7
32.5°	48.9	47.3	45.7	44.1	42.3	40.4	38.5	36.6	34.7	32.4	30.1
35°	52.7	51.0	49.5	47.8	45.8	43.8	42.0	39.9	37.5	35.1	32.9
37.5°	56.5	54.9	53.3	51.4	49.3	47.2	45.1	42.8	40.4	38.0	35.5
40°	60.5	58.7	56.7	54.6	52.5	50.4	48.1	45.6	43.0	40.5	37.9
42.5°	64.2	62.3	59.9	57.7	55.6	53.3	50.9	48.2	45.5	43.0	40.2
45°	67.6	65.4	63.0	60.8	58.6	56.3	53.6	50.8	48.1	45.2	42.3
47.5°	70.8	68.6	66.2	64.1	61.5	58.9	56.1	53.3	50.4	47.4	44.4
50°	73.6	71.5	69.2	66.8	64.2	61.5	58.7	55.8	52.6	49.5	46.5
52.5°	76.5	74.5	72.0	69.1	66.3	63.7	61.0	57.9	54.7	51.7	48.3
55°	79.2	76.9	74.3	71.3	68.6	65.9	63.1	59.7	56.6	53.4	50.0
57.5°	81.8	79.4	76.7	73.7	71.0	68.0	64.8	61.6	58.3	55.3	51.9
60°	84.1	81.6	78.7	75.8	73.0	69.9	66.7	63.4	60.1	56.8	53.4
62.5°	86.3	83.7	80.9	77.8	74.7	71.6	68.3	65.1	61.7	58.0	54.4
65°	88.3	85.4	82.5	79.4	76.3	73.2	70.0	66.6	62.8	59.1	55.5
67.5°	90.0	87.0	84.0	81.1	77.9	74.8	71.3	67.7	63.9	60.2	56.4
70°	91.4	88.4	85.4	82.3	79.1	76.0	72.4	68.8	65.0	61.2	57.2
72.5°	92.7	89.7	86.7	83.5	80.2	77.0	73.3	69.6	65.9	62.0	57.8
75°	93.9	90.7	87.6	84.3	81.1	77.7	74.1	70.5	66.6	62.5	58.3
77.5°	94.8	91.5	88.4	85.0	81.9	78.5	75.0	71.0	66.9	62.9	59.0
80°	95.6	92.2	89.1	85.7	82.6	78.8	75.2	71.5	67.3	63.4	59.4
82.5°	95.9	92.7	89.7	86.2	83.0	79.2	75.5	71.9	67.9	63.8	59.2
85°	96.2	93.1	90.2	86.7	83.2	79.6	75.6	71.6	67.9	63.5	59.4
87.5°	96.4	93.1	90.2	86.7	83.1	79.6	75.6	71.6	67.9	63.5	59.4
90°	96.7	93.1	90.2	86.7	83.1	79.6	75.5	71.9	67.8	63.7	59.5
92.5°	96.4	93.1	90.2	86.7	83.1	79.6	75.6	71.6	67.9	63.4	59.6
95°	96.2	93.1	90.2	86.7	83.2	79.6	75.6	71.6	67.9	63.5	59.4
97.5°	95.9	92.7	89.7	86.2	83.0	79.2	75.5	71.9	67.9	63.8	59.2
100°	95.6	92.2	89.1	85.7	82.6	78.8	75.2	71.5	67.3	63.4	59.4
102.5°	94.8	91.5	88.4	85.0	81.9	78.5	75.0	71.0	66.9	62.9	59.0
105°	93.9	90.7	87.6	84.3	81.1	77.7	74.1	70.5	66.6	62.5	58.3
107.5°	92.7	89.7	86.7	83.5	80.2	77.0	73.3	69.6	65.9	62.0	57.8
110°	91.4	88.4	85.4	82.3	79.1	76.0	72.4	68.8	65.0	61.2	57.2



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	90.0	87.0	84.0	81.1	77.9	74.8	71.3	67.7	63.9	60.2	56.4
115°	88.3	85.4	82.5	79.4	76.3	73.2	70.0	66.6	62.8	59.1	55.5
117.5°	86.3	83.7	80.9	77.8	74.7	71.6	68.3	65.1	61.7	58.0	54.4
120°	84.1	81.6	78.7	75.8	73.0	69.9	66.7	63.4	60.1	56.8	53.4
122.5°	81.8	79.4	76.7	73.7	71.0	68.0	64.8	61.6	58.3	55.3	51.9
125°	79.2	76.9	74.3	71.3	68.6	65.9	63.1	59.7	56.6	53.4	50.0
127.5°	76.5	74.5	72.0	69.1	66.3	63.7	61.0	57.9	54.7	51.7	48.3
130°	73.6	71.5	69.2	66.8	64.2	61.5	58.7	55.8	52.6	49.5	46.5
132.5°	70.8	68.6	66.2	64.1	61.5	58.9	56.1	53.3	50.4	47.4	44.4
135°	67.6	65.4	63.0	60.8	58.6	56.3	53.6	50.8	48.1	45.2	42.3
137.5°	64.2	62.3	59.9	57.7	55.6	53.3	50.9	48.2	45.5	43.0	40.2
140°	60.5	58.7	56.7	54.6	52.5	50.4	48.1	45.6	43.0	40.5	37.9
142.5°	56.5	54.9	53.3	51.4	49.3	47.2	45.1	42.8	40.4	38.0	35.5
145°	52.7	51.0	49.5	47.8	45.8	43.8	42.0	39.9	37.5	35.1	32.9
147.5°	48.9	47.3	45.7	44.1	42.3	40.4	38.5	36.6	34.7	32.4	30.1
150°	44.7	43.2	41.7	40.1	38.6	36.9	35.2	33.4	31.5	29.7	27.7
152.5°	40.4	39.0	37.6	36.2	34.7	33.2	31.6	29.9	28.2	26.5	24.8
155°	36.2	34.9	33.6	32.3	31.0	29.6	28.1	26.5	25.0	23.4	21.7
157.5°	31.6	30.6	29.6	28.5	27.3	26.0	24.7	23.3	22.0	20.6	19.1
160°	27.1	26.2	25.4	24.4	23.3	22.2	21.1	19.9	18.7	17.5	16.3
162.5°	22.8	22.1	21.3	20.5	19.5	18.4	17.4	16.5	15.5	14.5	13.4
165°	18.4	17.8	17.2	16.5	15.8	15.0	14.2	13.3	12.4	11.5	10.6
167.5°	14.1	13.6	13.1	12.5	11.9	11.3	10.6	10.0	9.4	8.8	8.2
170°	10.1	9.8	9.4	9.1	8.7	8.3	7.9	7.5	7.0	6.5	6.0
172.5°	6.7	6.4	6.2	6.0	5.7	5.5	5.2	4.9	4.6	4.3	3.9
175°	3.5	3.4	3.3	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5
177.5°	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
5°	2.4	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1
7.5°	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
10°	5.5	5.0	4.5	4.0	3.5	2.9	2.7	2.5	2.2	2.0	1.8
12.5°	7.6	7.0	6.4	5.8	5.1	4.5	3.8	3.1	2.5	2.2	1.9
15°	9.6	8.8	8.0	7.2	6.5	5.7	5.0	4.2	3.4	2.7	2.2
17.5°	12.3	11.2	10.1	8.9	7.9	7.1	6.2	5.4	4.4	3.5	2.5
20°	15.1	13.8	12.5	11.2	10.0	8.8	7.7	6.6	5.5	4.4	3.3
22.5°	17.6	16.0	14.6	13.2	11.9	10.4	9.0	7.5	6.4	5.2	3.9
25°	20.2	18.6	16.9	15.1	13.5	11.9	10.3	8.7	7.1	5.8	4.5
27.5°	23.1	21.2	19.2	17.1	15.1	13.3	11.7	10.0	8.2	6.3	5.1
30°	25.6	23.6	21.5	19.4	17.3	15.1	12.9	11.0	9.1	7.3	5.5
32.5°	28.0	25.9	23.7	21.3	19.1	16.7	14.4	12.0	10.2	8.2	6.2
35°	30.6	28.1	25.6	23.3	20.9	18.5	16.0	13.5	10.8	8.8	6.8
37.5°	32.8	30.2	27.6	25.2	22.6	20.0	17.4	14.7	12.1	9.7	7.4
40°	35.2	32.6	29.8	26.9	24.1	21.2	18.3	15.6	13.0	10.3	7.8
42.5°	37.4	34.7	31.8	28.6	25.5	22.7	19.8	16.8	13.9	11.3	8.7
45°	39.5	36.6	33.4	30.2	27.2	24.2	21.1	18.0	14.8	11.8	9.0
47.5°	41.5	38.3	35.0	31.8	28.7	25.5	22.2	19.0	15.6	12.3	9.4
50°	43.3	40.0	36.7	33.3	30.0	26.6	23.2	19.9	16.5	13.2	10.0
52.5°	45.1	41.9	38.2	34.6	31.2	27.7	24.3	20.8	17.2	13.8	10.6
55°	46.8	43.2	39.6	36.1	32.3	28.7	25.1	21.4	17.7	14.3	10.9
57.5°	48.3	44.8	41.1	37.1	33.3	29.5	25.9	22.2	18.2	14.5	11.0
60°	49.5	45.9	42.0	37.9	34.1	30.4	26.8	22.7	18.5	14.6	10.9
62.5°	50.7	47.0	42.9	38.8	35.0	31.2	27.4	23.3	18.9	14.7	11.0
65°	51.8	47.8	43.8	39.7	35.9	31.9	27.8	23.6	19.3	14.9	11.2
67.5°	52.5	48.7	44.6	40.6	36.4	32.3	28.1	23.7	19.4	15.2	11.2
70°	53.3	49.3	45.1	41.1	36.6	32.6	28.4	24.0	19.4	15.0	10.8
72.5°	54.0	49.8	45.5	41.3	37.0	32.8	28.8	24.1	19.6	14.9	10.6
75°	54.5	50.3	46.0	41.6	37.2	33.0	28.8	24.2	19.5	14.7	10.5
77.5°	54.9	50.7	46.3	41.6	37.3	33.0	28.7	24.0	19.4	14.7	10.2
80°	55.2	50.7	46.3	41.8	37.4	33.0	28.2	23.6	19.2	14.4	10.0
82.5°	55.0	50.7	46.3	41.8	37.4	32.8	28.0	23.3	18.8	14.3	9.6
85°	54.9	50.8	46.2	41.8	37.2	32.5	27.8	23.1	18.3	14.0	9.4
87.5°	54.9	50.8	46.1	41.4	36.7	32.0	27.3	22.6	17.9	13.3	8.6
90°	54.8	50.7	46.0	41.3	36.5	31.8	27.7	22.4	17.7	13.0	8.3
92.5°	54.9	50.8	46.1	41.4	36.7	32.0	27.3	22.6	17.9	13.3	8.6
95°	54.9	50.8	46.2	41.8	37.2	32.5	27.8	23.1	18.3	14.0	9.4
97.5°	55.0	50.7	46.3	41.8	37.4	32.8	28.0	23.3	18.8	14.3	9.6
100°	55.2	50.7	46.3	41.8	37.4	33.0	28.2	23.6	19.2	14.4	10.0
102.5°	54.9	50.7	46.3	41.6	37.3	33.0	28.7	24.0	19.4	14.7	10.2
105°	54.5	50.3	46.0	41.6	37.2	33.0	28.8	24.2	19.5	14.7	10.5
107.5°	54.0	49.8	45.5	41.3	37.0	32.8	28.8	24.1	19.6	14.9	10.6
110°	53.3	49.3	45.1	41.1	36.6	32.6	28.4	24.0	19.4	15.0	10.8



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	52.5	48.7	44.6	40.6	36.4	32.3	28.1	23.7	19.4	15.2	11.2
115°	51.8	47.8	43.8	39.7	35.9	31.9	27.8	23.6	19.3	14.9	11.2
117.5°	50.7	47.0	42.9	38.8	35.0	31.2	27.4	23.3	18.9	14.7	11.0
120°	49.5	45.9	42.0	37.9	34.1	30.4	26.8	22.7	18.5	14.6	10.9
122.5°	48.3	44.8	41.1	37.1	33.3	29.5	25.9	22.2	18.2	14.5	11.0
125°	46.8	43.2	39.6	36.1	32.3	28.7	25.1	21.4	17.7	14.3	10.9
127.5°	45.1	41.9	38.2	34.6	31.2	27.7	24.3	20.8	17.2	13.8	10.6
130°	43.3	40.0	36.7	33.3	30.0	26.6	23.2	19.9	16.5	13.2	10.0
132.5°	41.5	38.3	35.0	31.8	28.7	25.5	22.2	19.0	15.6	12.3	9.4
135°	39.5	36.6	33.4	30.2	27.2	24.2	21.1	18.0	14.8	11.8	9.0
137.5°	37.4	34.7	31.8	28.6	25.5	22.7	19.8	16.8	13.9	11.3	8.7
140°	35.2	32.6	29.8	26.9	24.1	21.2	18.3	15.6	13.0	10.3	7.8
142.5°	32.8	30.2	27.6	25.2	22.6	20.0	17.4	14.7	12.1	9.7	7.4
145°	30.6	28.1	25.6	23.3	20.9	18.5	16.0	13.5	10.8	8.8	6.8
147.5°	28.0	25.9	23.7	21.3	19.1	16.7	14.4	12.0	10.2	8.2	6.2
150°	25.6	23.6	21.5	19.4	17.3	15.1	12.9	11.0	9.1	7.3	5.5
152.5°	23.1	21.2	19.2	17.1	15.1	13.3	11.7	10.0	8.2	6.3	5.1
155°	20.2	18.6	16.9	15.1	13.5	11.9	10.3	8.7	7.1	5.8	4.5
157.5°	17.6	16.0	14.6	13.2	11.9	10.4	9.0	7.5	6.4	5.2	3.9
160°	15.1	13.8	12.5	11.2	10.0	8.8	7.7	6.6	5.5	4.4	3.3
162.5°	12.3	11.2	10.1	8.9	7.9	7.1	6.2	5.4	4.4	3.5	2.5
165°	9.6	8.8	8.0	7.2	6.5	5.7	5.0	4.2	3.4	2.7	2.2
167.5°	7.6	7.0	6.4	5.8	5.1	4.5	3.8	3.1	2.5	2.2	1.9
170°	5.5	5.0	4.5	4.0	3.5	2.9	2.7	2.5	2.2	2.0	1.8
172.5°	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
175°	2.4	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1
177.5°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.3
5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
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°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
12.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
15°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
17.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
20°	2.3	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
22.5°	2.7	1.5	1.1	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.1
25°	3.3	2.0	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
27.5°	3.7	2.3	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
30°	4.1	2.7	1.3	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.3
32.5°	4.4	3.1	1.7	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.7
35°	4.7	3.3	2.0	0.8	0.4	0.2	0.0	0.2	0.4	0.8	2.0
37.5°	5.3	3.4	2.2	1.0	0.5	0.2	0.0	0.2	0.5	1.0	2.2
40°	5.7	3.5	2.2	1.2	0.5	0.3	0.0	0.3	0.5	1.2	2.2
42.5°	6.2	3.9	2.1	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1
45°	6.4	4.1	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.9
47.5°	6.6	4.2	2.0	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.0
50°	7.2	4.4	2.1	0.6	0.1	0.0	0.0	0.0	0.1	0.6	2.1
52.5°	7.5	4.4	2.2	0.6	0.2	0.0	0.0	0.0	0.2	0.6	2.2
55°	7.5	4.5	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.4	2.1
57.5°	7.4	4.4	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.6	2.3
60°	7.6	4.4	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.5	2.1
62.5°	7.7	4.4	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.5	2.1
65°	7.8	4.8	2.2	0.4	0.0	0.0	0.6	0.0	0.0	0.4	2.2
67.5°	7.7	4.6	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	2.0
70°	7.2	4.4	1.9	0.3	0.0	0.0	0.6	0.0	0.0	0.3	1.9
72.5°	7.2	4.1	1.6	0.2	0.0	0.0	0.6	0.0	0.0	0.2	1.6
75°	6.9	3.8	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.2
77.5°	6.3	3.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
80°	6.0	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
82.5°	5.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	0.4	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°	4.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	5.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	6.0	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
102.5°	6.3	3.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
105°	6.9	3.8	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.2
107.5°	7.2	4.1	1.6	0.2	0.0	0.0	0.6	0.0	0.0	0.2	1.6
110°	7.2	4.4	1.9	0.3	0.0	0.0	0.6	0.0	0.0	0.3	1.9



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.7	4.6	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	2.0
115°	7.8	4.8	2.2	0.4	0.0	0.0	0.6	0.0	0.0	0.4	2.2
117.5°	7.7	4.4	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.5	2.1
120°	7.6	4.4	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.5	2.1
122.5°	7.4	4.4	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.6	2.3
125°	7.5	4.5	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.4	2.1
127.5°	7.5	4.4	2.2	0.6	0.2	0.0	0.0	0.0	0.2	0.6	2.2
130°	7.2	4.4	2.1	0.6	0.1	0.0	0.0	0.0	0.1	0.6	2.1
132.5°	6.6	4.2	2.0	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.0
135°	6.4	4.1	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.9
137.5°	6.2	3.9	2.1	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1
140°	5.7	3.5	2.2	1.2	0.5	0.3	0.0	0.3	0.5	1.2	2.2
142.5°	5.3	3.4	2.2	1.0	0.5	0.2	0.0	0.2	0.5	1.0	2.2
145°	4.7	3.3	2.0	0.8	0.4	0.2	0.0	0.2	0.4	0.8	2.0
147.5°	4.4	3.1	1.7	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.7
150°	4.1	2.7	1.3	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.3
152.5°	3.7	2.3	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
155°	3.3	2.0	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
157.5°	2.7	1.5	1.1	0.8	0.5	0.2	0.0	0.2	0.5	0.8	1.1
160°	2.3	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
162.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
165°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
167.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
170°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
172.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
175°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
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: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.1
5°	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.8	1.9	2.0	2.1
7.5°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0
10°	1.3	1.5	1.8	2.0	2.2	2.5	2.7	2.9	3.5	4.0	4.5
12.5°	1.4	1.6	1.9	2.2	2.5	3.1	3.8	4.5	5.1	5.8	6.4
15°	1.6	1.9	2.2	2.7	3.4	4.2	5.0	5.7	6.5	7.2	8.0
17.5°	1.5	1.8	2.5	3.5	4.4	5.4	6.2	7.1	7.9	8.9	10.1
20°	1.6	2.3	3.3	4.4	5.5	6.6	7.7	8.8	10.0	11.2	12.5
22.5°	1.5	2.7	3.9	5.2	6.4	7.5	9.0	10.4	11.9	13.2	14.6
25°	2.0	3.3	4.5	5.8	7.1	8.7	10.3	11.9	13.5	15.1	16.9
27.5°	2.3	3.7	5.1	6.3	8.2	10.0	11.7	13.3	15.1	17.1	19.2
30°	2.7	4.1	5.5	7.3	9.1	11.0	12.9	15.1	17.3	19.4	21.5
32.5°	3.1	4.4	6.2	8.2	10.2	12.0	14.4	16.7	19.1	21.3	23.7
35°	3.3	4.7	6.8	8.8	10.8	13.5	16.0	18.5	20.9	23.3	25.6
37.5°	3.4	5.3	7.4	9.7	12.1	14.7	17.4	20.0	22.6	25.2	27.6
40°	3.5	5.7	7.8	10.3	13.0	15.6	18.3	21.2	24.1	26.9	29.8
42.5°	3.9	6.2	8.7	11.3	13.9	16.8	19.8	22.7	25.5	28.6	31.8
45°	4.1	6.4	9.0	11.8	14.8	18.0	21.1	24.2	27.2	30.2	33.4
47.5°	4.2	6.6	9.4	12.3	15.6	19.0	22.2	25.5	28.7	31.8	35.0
50°	4.4	7.2	10.0	13.2	16.5	19.9	23.2	26.6	30.0	33.3	36.7
52.5°	4.4	7.5	10.6	13.8	17.2	20.8	24.3	27.7	31.2	34.6	38.2
55°	4.5	7.5	10.9	14.3	17.7	21.4	25.1	28.7	32.3	36.1	39.6
57.5°	4.4	7.4	11.0	14.5	18.2	22.2	25.9	29.5	33.3	37.1	41.1
60°	4.4	7.6	10.9	14.6	18.5	22.7	26.8	30.4	34.1	37.9	42.0
62.5°	4.4	7.7	11.0	14.7	18.9	23.3	27.4	31.2	35.0	38.8	42.9
65°	4.8	7.8	11.2	14.9	19.3	23.6	27.8	31.9	35.9	39.7	43.8
67.5°	4.6	7.7	11.2	15.2	19.4	23.7	28.1	32.3	36.4	40.6	44.6
70°	4.4	7.2	10.8	15.0	19.4	24.0	28.4	32.6	36.6	41.1	45.1
72.5°	4.1	7.2	10.6	14.9	19.6	24.1	28.8	32.8	37.0	41.3	45.5
75°	3.8	6.9	10.5	14.7	19.5	24.2	28.8	33.0	37.2	41.6	46.0
77.5°	3.5	6.3	10.2	14.7	19.4	24.0	28.7	33.0	37.3	41.6	46.3
80°	2.8	6.0	10.0	14.4	19.2	23.6	28.2	33.0	37.4	41.8	46.3
82.5°	2.0	5.2	9.6	14.3	18.8	23.3	28.0	32.8	37.4	41.8	46.3
85°	1.2	4.9	9.4	14.0	18.3	23.1	27.8	32.5	37.2	41.8	46.2
87.5°	0.4	4.4	8.6	13.3	17.9	22.6	27.3	32.0	36.7	41.4	46.1
90°	0.0	4.1	8.3	13.0	17.7	22.4	27.7	31.8	36.5	41.3	46.0
92.5°	0.4	4.4	8.6	13.3	17.9	22.6	27.3	32.0	36.7	41.4	46.1
95°	1.2	4.9	9.4	14.0	18.3	23.1	27.8	32.5	37.2	41.8	46.2
97.5°	2.0	5.2	9.6	14.3	18.8	23.3	28.0	32.8	37.4	41.8	46.3
100°	2.8	6.0	10.0	14.4	19.2	23.6	28.2	33.0	37.4	41.8	46.3
102.5°	3.5	6.3	10.2	14.7	19.4	24.0	28.7	33.0	37.3	41.6	46.3
105°	3.8	6.9	10.5	14.7	19.5	24.2	28.8	33.0	37.2	41.6	46.0
107.5°	4.1	7.2	10.6	14.9	19.6	24.1	28.8	32.8	37.0	41.3	45.5
110°	4.4	7.2	10.8	15.0	19.4	24.0	28.4	32.6	36.6	41.1	45.1



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	4.6	7.7	11.2	15.2	19.4	23.7	28.1	32.3	36.4	40.6	44.6
115°	4.8	7.8	11.2	14.9	19.3	23.6	27.8	31.9	35.9	39.7	43.8
117.5°	4.4	7.7	11.0	14.7	18.9	23.3	27.4	31.2	35.0	38.8	42.9
120°	4.4	7.6	10.9	14.6	18.5	22.7	26.8	30.4	34.1	37.9	42.0
122.5°	4.4	7.4	11.0	14.5	18.2	22.2	25.9	29.5	33.3	37.1	41.1
125°	4.5	7.5	10.9	14.3	17.7	21.4	25.1	28.7	32.3	36.1	39.6
127.5°	4.4	7.5	10.6	13.8	17.2	20.8	24.3	27.7	31.2	34.6	38.2
130°	4.4	7.2	10.0	13.2	16.5	19.9	23.2	26.6	30.0	33.3	36.7
132.5°	4.2	6.6	9.4	12.3	15.6	19.0	22.2	25.5	28.7	31.8	35.0
135°	4.1	6.4	9.0	11.8	14.8	18.0	21.1	24.2	27.2	30.2	33.4
137.5°	3.9	6.2	8.7	11.3	13.9	16.8	19.8	22.7	25.5	28.6	31.8
140°	3.5	5.7	7.8	10.3	13.0	15.6	18.3	21.2	24.1	26.9	29.8
142.5°	3.4	5.3	7.4	9.7	12.1	14.7	17.4	20.0	22.6	25.2	27.6
145°	3.3	4.7	6.8	8.8	10.8	13.5	16.0	18.5	20.9	23.3	25.6
147.5°	3.1	4.4	6.2	8.2	10.2	12.0	14.4	16.7	19.1	21.3	23.7
150°	2.7	4.1	5.5	7.3	9.1	11.0	12.9	15.1	17.3	19.4	21.5
152.5°	2.3	3.7	5.1	6.3	8.2	10.0	11.7	13.3	15.1	17.1	19.2
155°	2.0	3.3	4.5	5.8	7.1	8.7	10.3	11.9	13.5	15.1	16.9
157.5°	1.5	2.7	3.9	5.2	6.4	7.5	9.0	10.4	11.9	13.2	14.6
160°	1.6	2.3	3.3	4.4	5.5	6.6	7.7	8.8	10.0	11.2	12.5
162.5°	1.5	1.8	2.5	3.5	4.4	5.4	6.2	7.1	7.9	8.9	10.1
165°	1.6	1.9	2.2	2.7	3.4	4.2	5.0	5.7	6.5	7.2	8.0
167.5°	1.4	1.6	1.9	2.2	2.5	3.1	3.8	4.5	5.1	5.8	6.4
170°	1.3	1.5	1.8	2.0	2.2	2.5	2.7	2.9	3.5	4.0	4.5
172.5°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0
175°	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.8	1.9	2.0	2.1
177.5°	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7
5°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.3
7.5°	3.2	3.4	3.9	4.3	4.6	4.9	5.2	5.5	5.7	6.0	6.2
10°	5.0	5.5	6.0	6.5	7.0	7.5	7.9	8.3	8.7	9.1	9.4
12.5°	7.0	7.6	8.2	8.8	9.4	10.0	10.6	11.3	11.9	12.5	13.1
15°	8.8	9.6	10.6	11.5	12.4	13.3	14.2	15.0	15.8	16.5	17.2
17.5°	11.2	12.3	13.4	14.5	15.5	16.5	17.4	18.4	19.5	20.5	21.3
20°	13.8	15.1	16.3	17.5	18.7	19.9	21.1	22.2	23.3	24.4	25.4
22.5°	16.0	17.6	19.1	20.6	22.0	23.3	24.7	26.0	27.3	28.5	29.6
25°	18.6	20.2	21.7	23.4	25.0	26.5	28.1	29.6	31.0	32.3	33.6
27.5°	21.2	23.1	24.8	26.5	28.2	29.9	31.6	33.2	34.7	36.2	37.6
30°	23.6	25.6	27.7	29.7	31.5	33.4	35.2	36.9	38.6	40.1	41.7
32.5°	25.9	28.0	30.1	32.4	34.7	36.6	38.5	40.4	42.3	44.1	45.7
35°	28.1	30.6	32.9	35.1	37.5	39.9	42.0	43.8	45.8	47.8	49.5
37.5°	30.2	32.8	35.5	38.0	40.4	42.8	45.1	47.2	49.3	51.4	53.3
40°	32.6	35.2	37.9	40.5	43.0	45.6	48.1	50.4	52.5	54.6	56.7
42.5°	34.7	37.4	40.2	43.0	45.5	48.2	50.9	53.3	55.6	57.7	59.9
45°	36.6	39.5	42.3	45.2	48.1	50.8	53.6	56.3	58.6	60.8	63.0
47.5°	38.3	41.5	44.4	47.4	50.4	53.3	56.1	58.9	61.5	64.1	66.2
50°	40.0	43.3	46.5	49.5	52.6	55.8	58.7	61.5	64.2	66.8	69.2
52.5°	41.9	45.1	48.3	51.7	54.7	57.9	61.0	63.7	66.3	69.1	72.0
55°	43.2	46.8	50.0	53.4	56.6	59.7	63.1	65.9	68.6	71.3	74.3
57.5°	44.8	48.3	51.9	55.3	58.3	61.6	64.8	68.0	71.0	73.7	76.7
60°	45.9	49.5	53.4	56.8	60.1	63.4	66.7	69.9	73.0	75.8	78.7
62.5°	47.0	50.7	54.4	58.0	61.7	65.1	68.3	71.6	74.7	77.8	80.9
65°	47.8	51.8	55.5	59.1	62.8	66.6	70.0	73.2	76.3	79.4	82.5
67.5°	48.7	52.5	56.4	60.2	63.9	67.7	71.3	74.8	77.9	81.1	84.0
70°	49.3	53.3	57.2	61.2	65.0	68.8	72.4	76.0	79.1	82.3	85.4
72.5°	49.8	54.0	57.8	62.0	65.9	69.6	73.3	77.0	80.2	83.5	86.7
75°	50.3	54.5	58.3	62.5	66.6	70.5	74.1	77.7	81.1	84.3	87.6
77.5°	50.7	54.9	59.0	62.9	66.9	71.0	75.0	78.5	81.9	85.0	88.4
80°	50.7	55.2	59.4	63.4	67.3	71.5	75.2	78.8	82.6	85.7	89.1
82.5°	50.7	55.0	59.2	63.8	67.9	71.9	75.5	79.2	83.0	86.2	89.7
85°	50.8	54.9	59.4	63.5	67.9	71.6	75.6	79.6	83.2	86.7	90.2
87.5°	50.8	54.9	59.4	63.5	67.9	71.6	75.6	79.6	83.2	86.7	90.2
90°	50.7	54.8	59.5	63.7	67.8	71.9	75.5	79.6	83.1	86.7	90.2
92.5°	50.8	54.9	59.6	63.4	67.9	71.6	75.6	79.6	83.1	86.7	90.2
95°	50.8	54.9	59.4	63.5	67.9	71.6	75.6	79.6	83.2	86.7	90.2
97.5°	50.7	55.0	59.2	63.8	67.9	71.9	75.5	79.2	83.0	86.2	89.7
100°	50.7	55.2	59.4	63.4	67.3	71.5	75.2	78.8	82.6	85.7	89.1
102.5°	50.7	54.9	59.0	62.9	66.9	71.0	75.0	78.5	81.9	85.0	88.4
105°	50.3	54.5	58.3	62.5	66.6	70.5	74.1	77.7	81.1	84.3	87.6
107.5°	49.8	54.0	57.8	62.0	65.9	69.6	73.3	77.0	80.2	83.5	86.7
110°	49.3	53.3	57.2	61.2	65.0	68.8	72.4	76.0	79.1	82.3	85.4



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	48.7	52.5	56.4	60.2	63.9	67.7	71.3	74.8	77.9	81.1	84.0
115°	47.8	51.8	55.5	59.1	62.8	66.6	70.0	73.2	76.3	79.4	82.5
117.5°	47.0	50.7	54.4	58.0	61.7	65.1	68.3	71.6	74.7	77.8	80.9
120°	45.9	49.5	53.4	56.8	60.1	63.4	66.7	69.9	73.0	75.8	78.7
122.5°	44.8	48.3	51.9	55.3	58.3	61.6	64.8	68.0	71.0	73.7	76.7
125°	43.2	46.8	50.0	53.4	56.6	59.7	63.1	65.9	68.6	71.3	74.3
127.5°	41.9	45.1	48.3	51.7	54.7	57.9	61.0	63.7	66.3	69.1	72.0
130°	40.0	43.3	46.5	49.5	52.6	55.8	58.7	61.5	64.2	66.8	69.2
132.5°	38.3	41.5	44.4	47.4	50.4	53.3	56.1	58.9	61.5	64.1	66.2
135°	36.6	39.5	42.3	45.2	48.1	50.8	53.6	56.3	58.6	60.8	63.0
137.5°	34.7	37.4	40.2	43.0	45.5	48.2	50.9	53.3	55.6	57.7	59.9
140°	32.6	35.2	37.9	40.5	43.0	45.6	48.1	50.4	52.5	54.6	56.7
142.5°	30.2	32.8	35.5	38.0	40.4	42.8	45.1	47.2	49.3	51.4	53.3
145°	28.1	30.6	32.9	35.1	37.5	39.9	42.0	43.8	45.8	47.8	49.5
147.5°	25.9	28.0	30.1	32.4	34.7	36.6	38.5	40.4	42.3	44.1	45.7
150°	23.6	25.6	27.7	29.7	31.5	33.4	35.2	36.9	38.6	40.1	41.7
152.5°	21.2	23.1	24.8	26.5	28.2	29.9	31.6	33.2	34.7	36.2	37.6
155°	18.6	20.2	21.7	23.4	25.0	26.5	28.1	29.6	31.0	32.3	33.6
157.5°	16.0	17.6	19.1	20.6	22.0	23.3	24.7	26.0	27.3	28.5	29.6
160°	13.8	15.1	16.3	17.5	18.7	19.9	21.1	22.2	23.3	24.4	25.4
162.5°	11.2	12.3	13.4	14.5	15.5	16.5	17.4	18.4	19.5	20.5	21.3
165°	8.8	9.6	10.6	11.5	12.4	13.3	14.2	15.0	15.8	16.5	17.2
167.5°	7.0	7.6	8.2	8.8	9.4	10.0	10.6	11.3	11.9	12.5	13.1
170°	5.0	5.5	6.0	6.5	7.0	7.5	7.9	8.3	8.7	9.1	9.4
172.5°	3.2	3.4	3.9	4.3	4.6	4.9	5.2	5.5	5.7	6.0	6.2
175°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.3
177.5°	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.2
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	6.7	6.9	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.7
10°	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.4	13.0
12.5°	13.6	14.1	14.5	15.0	15.3	15.8	16.2	16.7	17.1	17.4	18.2
15°	17.8	18.4	18.9	19.4	19.8	20.2	20.8	21.4	21.9	22.4	23.4
17.5°	22.1	22.8	23.5	24.1	24.7	25.2	25.8	26.4	26.9	27.4	28.6
20°	26.2	27.1	28.0	28.8	29.5	30.2	30.9	31.4	32.0	32.4	33.8
22.5°	30.6	31.6	32.6	33.4	34.2	35.0	35.7	36.4	37.1	37.7	39.1
25°	34.9	36.2	37.4	38.2	39.0	39.8	40.6	41.4	42.2	43.0	44.5
27.5°	39.0	40.4	41.8	42.9	43.7	44.6	45.4	46.3	47.2	48.1	49.6
30°	43.2	44.7	46.1	47.3	48.4	49.4	50.3	51.1	52.2	53.1	54.8
32.5°	47.3	48.9	50.4	51.7	52.9	53.9	54.9	55.7	56.8	57.8	59.6
35°	51.0	52.7	54.4	55.9	57.3	58.4	59.4	60.3	61.4	62.5	64.5
37.5°	54.9	56.5	58.2	59.8	61.4	62.6	63.7	64.7	65.7	66.6	69.1
40°	58.7	60.5	62.0	63.5	65.1	66.7	68.1	69.1	69.9	70.7	73.7
42.5°	62.3	64.2	65.8	67.3	69.0	70.5	71.8	72.8	73.8	74.9	77.8
45°	65.4	67.6	69.4	71.1	72.8	74.4	75.5	76.5	77.7	79.0	81.9
47.5°	68.6	70.8	72.7	74.5	76.3	77.9	79.0	80.2	81.5	82.9	85.6
50°	71.5	73.6	75.8	77.8	79.5	81.2	82.4	83.8	85.3	86.7	89.3
52.5°	74.5	76.5	78.6	80.7	82.7	84.3	85.8	87.1	88.5	89.9	92.9
55°	76.9	79.2	81.4	83.4	85.7	87.4	89.1	90.5	91.7	93.1	96.5
57.5°	79.4	81.8	84.1	86.1	88.2	90.2	91.8	93.2	94.6	96.1	99.6
60°	81.6	84.1	86.5	88.8	90.8	92.8	94.5	95.9	97.5	99.0	102.6
62.5°	83.7	86.3	88.7	91.0	93.0	95.1	96.9	98.2	99.8	101.4	105.1
65°	85.4	88.3	90.8	93.2	95.3	97.3	99.2	100.5	102.1	103.8	107.5
67.5°	87.0	90.0	92.6	94.9	97.1	99.2	101.2	102.5	104.2	105.9	109.6
70°	88.4	91.4	94.1	96.5	98.8	101.2	103.3	104.5	106.2	107.9	111.7
72.5°	89.7	92.7	95.4	97.9	100.2	102.5	104.5	105.9	107.4	109.4	113.3
75°	90.7	93.9	96.5	99.2	101.6	103.9	105.6	107.3	108.6	110.8	115.0
77.5°	91.5	94.8	97.4	100.1	102.5	104.8	106.8	108.5	109.7	111.7	115.8
80°	92.2	95.6	98.5	100.9	103.3	105.6	107.9	109.6	110.8	112.6	116.7
82.5°	92.7	95.9	98.8	101.5	103.8	106.2	108.5	109.9	111.4	113.2	117.3
85°	93.1	96.2	99.1	102.0	104.3	106.7	109.1	110.2	112.0	113.8	117.9
87.5°	93.1	96.4	99.3	102.0	104.3	107.0	109.1	110.5	112.0	113.8	117.9
90°	93.1	96.7	99.6	102.0	104.3	107.3	109.1	110.8	112.0	113.8	117.9
92.5°	93.1	96.4	99.3	102.0	104.3	107.0	109.1	110.5	112.0	113.8	117.9
95°	93.1	96.2	99.1	102.0	104.3	106.7	109.1	110.2	112.0	113.8	117.9
97.5°	92.7	95.9	98.8	101.5	103.8	106.2	108.5	109.9	111.4	113.2	117.3
100°	92.2	95.6	98.5	100.9	103.3	105.6	107.9	109.6	110.8	112.6	116.7
102.5°	91.5	94.8	97.4	100.1	102.5	104.8	106.8	108.5	109.7	111.7	115.8
105°	90.7	93.9	96.5	99.2	101.6	103.9	105.6	107.3	108.6	110.8	115.0
107.5°	89.7	92.7	95.4	97.9	100.2	102.5	104.5	105.9	107.4	109.4	113.3
110°	88.4	91.4	94.1	96.5	98.8	101.2	103.3	104.5	106.2	107.9	111.7



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	87.0	90.0	92.6	94.9	97.1	99.2	101.2	102.5	104.2	105.9	109.6
115°	85.4	88.3	90.8	93.2	95.3	97.3	99.2	100.5	102.1	103.8	107.5
117.5°	83.7	86.3	88.7	91.0	93.0	95.1	96.9	98.2	99.8	101.4	105.1
120°	81.6	84.1	86.5	88.8	90.8	92.8	94.5	95.9	97.5	99.0	102.6
122.5°	79.4	81.8	84.1	86.1	88.2	90.2	91.8	93.2	94.6	96.1	99.6
125°	76.9	79.2	81.4	83.4	85.7	87.4	89.1	90.5	91.7	93.1	96.5
127.5°	74.5	76.5	78.6	80.7	82.7	84.3	85.8	87.1	88.5	89.9	92.9
130°	71.5	73.6	75.8	77.8	79.5	81.2	82.4	83.8	85.3	86.7	89.3
132.5°	68.6	70.8	72.7	74.5	76.3	77.9	79.0	80.2	81.5	82.9	85.6
135°	65.4	67.6	69.4	71.1	72.8	74.4	75.5	76.5	77.7	79.0	81.9
137.5°	62.3	64.2	65.8	67.3	69.0	70.5	71.8	72.8	73.8	74.9	77.8
140°	58.7	60.5	62.0	63.5	65.1	66.7	68.1	69.1	69.9	70.7	73.7
142.5°	54.9	56.5	58.2	59.8	61.4	62.6	63.7	64.7	65.7	66.6	69.1
145°	51.0	52.7	54.4	55.9	57.3	58.4	59.4	60.3	61.4	62.5	64.5
147.5°	47.3	48.9	50.4	51.7	52.9	53.9	54.9	55.7	56.8	57.8	59.6
150°	43.2	44.7	46.1	47.3	48.4	49.4	50.3	51.1	52.2	53.1	54.8
152.5°	39.0	40.4	41.8	42.9	43.7	44.6	45.4	46.3	47.2	48.1	49.6
155°	34.9	36.2	37.4	38.2	39.0	39.8	40.6	41.4	42.2	43.0	44.5
157.5°	30.6	31.6	32.6	33.4	34.2	35.0	35.7	36.4	37.1	37.7	39.1
160°	26.2	27.1	28.0	28.8	29.5	30.2	30.9	31.4	32.0	32.4	33.8
162.5°	22.1	22.8	23.5	24.1	24.7	25.2	25.8	26.4	26.9	27.4	28.6
165°	17.8	18.4	18.9	19.4	19.8	20.2	20.8	21.4	21.9	22.4	23.4
167.5°	13.6	14.1	14.5	15.0	15.3	15.8	16.2	16.7	17.1	17.4	18.2
170°	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.4	13.0
172.5°	6.4	6.7	6.9	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.7
175°	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.0	4.1	4.5
177.5°	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.4	2.6	2.7	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8
5°	4.8	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.5	7.7
7.5°	9.2	9.7	10.1	10.5	10.8	11.2	11.6	12.4	13.1	13.8	14.5
10°	13.6	14.1	14.6	15.1	15.6	16.8	18.0	19.1	20.1	21.0	22.0
12.5°	18.9	19.6	20.3	21.2	22.7	24.1	25.4	26.7	28.2	30.0	31.7
15°	24.4	25.3	26.3	28.1	29.9	31.6	33.3	35.6	37.8	39.8	42.1
17.5°	29.7	30.8	32.6	34.8	36.9	39.1	41.9	44.5	47.0	49.8	52.5
20°	35.1	36.4	38.9	41.4	43.9	47.1	50.3	53.3	56.7	60.0	63.2
22.5°	40.5	42.4	45.3	48.0	51.5	55.1	58.6	62.7	66.6	70.4	74.5
25°	45.9	48.4	51.5	54.9	59.0	63.1	67.5	72.0	76.5	81.3	85.9
27.5°	51.1	54.4	58.0	62.1	66.6	71.3	76.5	81.5	86.9	92.2	97.4
30°	56.4	60.5	64.6	69.3	74.3	79.9	85.6	91.3	97.0	102.9	108.7
32.5°	61.7	66.1	70.7	76.0	81.7	88.1	94.4	100.6	106.9	113.2	119.5
35°	67.0	71.5	76.8	82.6	89.1	96.2	102.8	109.7	116.7	123.5	130.3
37.5°	72.3	76.9	82.7	89.1	96.3	103.7	111.3	118.9	127.0	133.8	141.0
40°	77.5	82.1	88.7	95.7	103.4	111.6	119.8	127.6	135.6	143.6	151.5
42.5°	81.9	87.1	94.1	101.9	110.2	119.2	127.8	136.0	144.8	153.4	161.6
45°	86.4	92.2	99.4	107.9	117.0	126.3	135.3	144.2	153.3	162.3	171.0
47.5°	90.4	96.8	104.5	113.6	123.1	133.0	142.7	152.0	161.4	171.4	179.9
50°	94.4	101.4	109.7	118.8	128.9	139.4	149.8	159.4	169.2	178.9	188.7
52.5°	98.2	105.6	114.4	123.8	134.5	145.6	156.4	166.5	176.6	186.6	196.3
55°	102.0	109.7	118.9	128.9	140.0	151.2	162.3	173.1	183.6	194.0	203.8
57.5°	105.5	113.6	123.1	133.7	145.2	156.4	168.1	179.5	190.5	201.2	211.7
60°	109.1	117.5	127.2	138.3	150.0	161.4	173.6	185.5	196.9	207.7	218.2
62.5°	111.6	120.5	130.8	142.3	154.4	166.3	178.8	191.2	203.1	213.6	224.4
65°	114.0	123.4	134.1	146.1	158.6	171.0	183.6	196.2	207.8	218.6	230.1
67.5°	116.4	126.1	137.1	149.3	162.1	174.9	187.8	200.4	212.1	223.5	235.4
70°	118.7	128.7	140.0	152.3	165.3	178.3	191.2	203.9	216.1	227.9	239.6
72.5°	120.4	130.5	142.0	154.8	168.1	181.3	194.3	207.2	219.8	231.9	243.6
75°	122.0	132.1	143.8	157.1	170.7	183.8	197.1	210.2	223.0	235.1	246.9
77.5°	123.1	133.6	145.5	158.9	172.6	186.0	199.5	212.8	225.8	238.0	249.9
80°	124.4	135.0	147.2	160.4	174.3	188.0	201.4	215.1	228.0	240.2	252.3
82.5°	125.0	135.9	148.5	161.5	175.2	189.4	203.1	216.6	229.5	242.0	254.1
85°	125.6	136.2	149.1	162.7	176.3	190.9	205.0	218.1	230.5	243.4	255.1
87.5°	125.6	136.5	149.1	163.3	176.6	191.0	205.1	218.1	231.4	243.8	256.1
90°	125.6	136.8	149.1	163.9	176.9	191.0	205.1	218.1	231.7	243.5	256.4
92.5°	125.6	136.5	149.1	163.3	176.6	191.0	205.1	218.1	231.4	243.8	256.1
95°	125.6	136.2	149.1	162.7	176.3	190.9	205.0	218.1	230.5	243.4	255.1
97.5°	125.0	135.9	148.5	161.5	175.2	189.4	203.1	216.6	229.5	242.0	254.1
100°	124.4	135.0	147.2	160.4	174.3	188.0	201.4	215.1	228.0	240.2	252.3
102.5°	123.1	133.6	145.5	158.9	172.6	186.0	199.5	212.8	225.8	238.0	249.9
105°	122.0	132.1	143.8	157.1	170.7	183.8	197.1	210.2	223.0	235.1	246.9
107.5°	120.4	130.5	142.0	154.8	168.1	181.3	194.3	207.2	219.8	231.9	243.6
110°	118.7	128.7	140.0	152.3	165.3	178.3	191.2	203.9	216.1	227.9	239.6



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	116.4	126.1	137.1	149.3	162.1	174.9	187.8	200.4	212.1	223.5	235.4
115°	114.0	123.4	134.1	146.1	158.6	171.0	183.6	196.2	207.8	218.6	230.1
117.5°	111.6	120.5	130.8	142.3	154.4	166.3	178.8	191.2	203.1	213.6	224.4
120°	109.1	117.5	127.2	138.3	150.0	161.4	173.6	185.5	196.9	207.7	218.2
122.5°	105.5	113.6	123.1	133.7	145.2	156.4	168.1	179.5	190.5	201.2	211.7
125°	102.0	109.7	118.9	128.9	140.0	151.2	162.3	173.1	183.6	194.0	203.8
127.5°	98.2	105.6	114.4	123.8	134.5	145.6	156.4	166.5	176.6	186.6	196.3
130°	94.4	101.4	109.7	118.8	128.9	139.4	149.8	159.4	169.2	178.9	188.7
132.5°	90.4	96.8	104.5	113.6	123.1	133.0	142.7	152.0	161.4	171.4	179.9
135°	86.4	92.2	99.4	107.9	117.0	126.3	135.3	144.2	153.3	162.3	171.0
137.5°	81.9	87.1	94.1	101.9	110.2	119.2	127.8	136.0	144.8	153.4	161.6
140°	77.5	82.1	88.7	95.7	103.4	111.6	119.8	127.6	135.6	143.6	151.5
142.5°	72.3	76.9	82.7	89.1	96.3	103.7	111.3	118.9	127.0	133.8	141.0
145°	67.0	71.5	76.8	82.6	89.1	96.2	102.8	109.7	116.7	123.5	130.3
147.5°	61.7	66.1	70.7	76.0	81.7	88.1	94.4	100.6	106.9	113.2	119.5
150°	56.4	60.5	64.6	69.3	74.3	79.9	85.6	91.3	97.0	102.9	108.7
152.5°	51.1	54.4	58.0	62.1	66.6	71.3	76.5	81.5	86.9	92.2	97.4
155°	45.9	48.4	51.5	54.9	59.0	63.1	67.5	72.0	76.5	81.3	85.9
157.5°	40.5	42.4	45.3	48.0	51.5	55.1	58.6	62.7	66.6	70.4	74.5
160°	35.1	36.4	38.9	41.4	43.9	47.1	50.3	53.3	56.7	60.0	63.2
162.5°	29.7	30.8	32.6	34.8	36.9	39.1	41.9	44.5	47.0	49.8	52.5
165°	24.4	25.3	26.3	28.1	29.9	31.6	33.3	35.6	37.8	39.8	42.1
167.5°	18.9	19.6	20.3	21.2	22.7	24.1	25.4	26.7	28.2	30.0	31.7
170°	13.6	14.1	14.6	15.1	15.6	16.8	18.0	19.1	20.1	21.0	22.0
172.5°	9.2	9.7	10.1	10.5	10.8	11.2	11.6	12.4	13.1	13.8	14.5
175°	4.8	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.5	7.7
177.5°	2.4	2.6	2.7	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.0	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.5	4.6	4.6
5°	8.2	8.7	9.1	9.5	9.9	10.2	10.6	10.9	11.1	11.4	11.6
7.5°	15.1	15.6	16.1	16.6	17.1	17.8	18.4	19.3	20.0	20.7	21.3
10°	23.3	24.6	25.9	27.0	28.1	29.1	30.0	30.9	31.8	32.7	33.4
12.5°	33.3	34.9	36.3	38.1	39.7	41.2	42.6	43.9	45.1	46.3	47.4
15°	44.1	46.3	48.3	50.3	52.1	54.1	55.9	57.6	59.3	60.8	62.2
17.5°	55.1	58.0	60.4	63.0	65.5	67.8	70.0	72.1	73.9	75.6	77.1
20°	66.6	69.9	73.1	76.1	79.2	82.1	84.7	87.1	89.2	91.2	93.1
22.5°	78.5	82.3	86.0	89.5	93.1	96.1	99.0	101.5	104.0	106.5	108.6
25°	90.4	94.6	99.0	102.7	106.6	110.2	113.5	116.7	119.6	122.3	124.4
27.5°	102.5	107.2	111.8	116.2	120.4	124.3	128.6	131.4	134.5	137.4	139.8
30°	114.3	119.5	124.4	129.3	133.9	138.1	142.1	145.8	149.0	152.0	154.9
32.5°	125.6	131.3	136.8	142.1	147.0	151.5	155.8	159.7	163.3	166.6	169.7
35°	136.9	143.0	148.9	154.4	159.7	164.7	169.3	173.5	177.6	181.0	183.8
37.5°	148.0	154.6	160.7	166.6	172.3	177.6	182.5	187.0	190.8	194.8	197.6
40°	159.0	165.7	172.2	178.5	184.5	190.1	195.3	200.0	204.1	208.0	211.5
42.5°	169.1	176.3	183.2	189.9	196.3	202.1	207.7	212.5	217.4	220.9	224.5
45°	179.1	186.5	193.7	200.7	207.4	213.8	219.3	224.4	229.1	233.4	237.0
47.5°	188.4	196.2	203.8	211.0	218.1	224.5	230.4	235.7	240.7	245.2	249.1
50°	197.4	205.7	213.6	221.0	228.2	235.0	240.8	246.6	252.5	256.4	260.3
52.5°	205.5	214.6	222.7	230.3	238.4	244.7	251.2	258.1	262.2	266.7	270.8
55°	213.6	223.0	231.6	239.3	247.1	254.5	261.2	266.8	271.7	276.5	280.7
57.5°	221.5	230.6	239.3	247.7	255.9	263.2	269.9	275.9	280.8	285.6	290.3
60°	228.7	238.0	247.1	255.5	263.6	271.2	278.1	284.1	289.3	294.2	299.2
62.5°	234.7	244.3	253.9	262.6	270.8	278.3	285.3	292.0	297.8	302.9	307.5
65°	240.3	250.3	260.1	269.1	277.4	285.0	292.2	298.9	305.0	310.5	315.2
67.5°	245.5	255.7	265.5	274.7	283.4	291.5	298.6	305.3	311.7	317.0	322.0
70°	250.3	260.6	270.4	280.0	288.7	296.9	304.2	311.1	317.5	323.0	328.9
72.5°	254.6	265.1	275.1	284.6	293.4	302.3	309.0	315.9	322.3	328.3	333.8
75°	258.1	268.8	279.1	288.6	297.6	305.7	313.0	320.1	326.7	332.5	337.9
77.5°	260.9	272.0	282.4	291.8	300.7	308.9	316.5	323.8	330.5	336.5	341.8
80°	263.4	274.1	284.8	294.3	303.3	311.6	319.5	326.5	333.2	339.4	345.0
82.5°	265.3	275.8	286.7	296.2	305.4	313.7	321.6	328.7	335.2	341.5	346.9
85°	266.7	277.3	288.0	297.4	306.7	315.0	323.1	330.0	336.7	342.9	348.4
87.5°	267.8	278.2	288.9	298.5	307.7	316.0	324.2	330.8	337.8	343.8	349.6
90°	268.2	278.2	288.9	298.9	307.7	316.0	324.2	331.3	337.8	344.3	349.6
92.5°	267.8	278.2	288.9	298.5	307.7	316.0	324.2	330.8	337.8	343.8	349.6
95°	266.7	277.3	288.0	297.4	306.7	315.0	323.1	330.0	336.7	342.9	348.4
97.5°	265.3	275.8	286.7	296.2	305.4	313.7	321.6	328.7	335.2	341.5	346.9
100°	263.4	274.1	284.8	294.3	303.3	311.6	319.5	326.5	333.2	339.4	345.0
102.5°	260.9	272.0	282.4	291.8	300.7	308.9	316.5	323.8	330.5	336.5	341.8
105°	258.1	268.8	279.1	288.6	297.6	305.7	313.0	320.1	326.7	332.5	337.9
107.5°	254.6	265.1	275.1	284.6	293.4	302.3	309.0	315.9	322.3	328.3	333.8
110°	250.3	260.6	270.4	280.0	288.7	296.9	304.2	311.1	317.5	323.0	328.9



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	245.5	255.7	265.5	274.7	283.4	291.5	298.6	305.3	311.7	317.0	322.0
115°	240.3	250.3	260.1	269.1	277.4	285.0	292.2	298.9	305.0	310.5	315.2
117.5°	234.7	244.3	253.9	262.6	270.8	278.3	285.3	292.0	297.8	302.9	307.5
120°	228.7	238.0	247.1	255.5	263.6	271.2	278.1	284.1	289.3	294.2	299.2
122.5°	221.5	230.6	239.3	247.7	255.9	263.2	269.9	275.9	280.8	285.6	290.3
125°	213.6	223.0	231.6	239.3	247.1	254.5	261.2	266.8	271.7	276.5	280.7
127.5°	205.5	214.6	222.7	230.3	238.4	244.7	251.2	258.1	262.2	266.7	270.8
130°	197.4	205.7	213.6	221.0	228.2	235.0	240.8	246.6	252.5	256.4	260.3
132.5°	188.4	196.2	203.8	211.0	218.1	224.5	230.4	235.7	240.7	245.2	249.1
135°	179.1	186.5	193.7	200.7	207.4	213.8	219.3	224.4	229.1	233.4	237.0
137.5°	169.1	176.3	183.2	189.9	196.3	202.1	207.7	212.5	217.4	220.9	224.5
140°	159.0	165.7	172.2	178.5	184.5	190.1	195.3	200.0	204.1	208.0	211.5
142.5°	148.0	154.6	160.7	166.6	172.3	177.6	182.5	187.0	190.8	194.8	197.6
145°	136.9	143.0	148.9	154.4	159.7	164.7	169.3	173.5	177.6	181.0	183.8
147.5°	125.6	131.3	136.8	142.1	147.0	151.5	155.8	159.7	163.3	166.6	169.7
150°	114.3	119.5	124.4	129.3	133.9	138.1	142.1	145.8	149.0	152.0	154.9
152.5°	102.5	107.2	111.8	116.2	120.4	124.3	128.6	131.4	134.5	137.4	139.8
155°	90.4	94.6	99.0	102.7	106.6	110.2	113.5	116.7	119.6	122.3	124.4
157.5°	78.5	82.3	86.0	89.5	93.1	96.1	99.0	101.5	104.0	106.5	108.6
160°	66.6	69.9	73.1	76.1	79.2	82.1	84.7	87.1	89.2	91.2	93.1
162.5°	55.1	58.0	60.4	63.0	65.5	67.8	70.0	72.1	73.9	75.6	77.1
165°	44.1	46.3	48.3	50.3	52.1	54.1	55.9	57.6	59.3	60.8	62.2
167.5°	33.3	34.9	36.3	38.1	39.7	41.2	42.6	43.9	45.1	46.3	47.4
170°	23.3	24.6	25.9	27.0	28.1	29.1	30.0	30.9	31.8	32.7	33.4
172.5°	15.1	15.6	16.1	16.6	17.1	17.8	18.4	19.3	20.0	20.7	21.3
175°	8.2	8.7	9.1	9.5	9.9	10.2	10.6	10.9	11.1	11.4	11.6
177.5°	4.0	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.5	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: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.6	4.6	4.6	4.6	4.6	4.5	4.6	4.6	4.5	4.4	4.3
5°	11.8	12.0	12.1	12.2	12.3	12.3	12.3	12.3	12.5	12.3	12.2
7.5°	21.9	22.4	22.9	23.3	23.6	23.8	24.0	24.1	24.1	24.4	24.1
10°	34.0	34.8	35.6	36.3	36.8	37.3	37.7	37.9	38.1	38.6	38.3
12.5°	48.3	49.2	49.9	50.6	51.4	52.2	52.7	53.2	53.5	53.6	53.9
15°	63.4	64.5	65.4	66.1	66.6	67.3	68.0	68.5	68.8	69.0	69.3
17.5°	78.6	80.1	81.3	82.3	83.0	83.5	84.1	84.8	85.3	85.5	86.0
20°	94.8	96.3	97.5	98.5	99.3	99.9	100.3	100.9	101.6	102.1	102.8
22.5°	110.2	111.5	112.6	114.2	115.4	116.3	116.9	117.3	117.9	118.4	119.1
25°	126.3	128.0	129.5	130.6	131.8	132.6	133.2	133.4	133.6	134.2	134.6
27.5°	141.8	143.7	145.3	146.7	147.4	148.4	148.9	149.1	149.0	149.7	150.2
30°	156.9	158.9	160.7	162.1	163.1	163.8	164.5	164.8	164.7	164.9	165.6
32.5°	172.2	174.1	175.5	177.2	178.5	179.4	180.0	180.2	180.0	179.7	180.3
35°	186.3	188.6	190.7	192.6	194.0	194.5	194.7	194.8	194.6	194.0	194.6
37.5°	200.5	203.1	205.3	206.8	207.7	208.6	209.1	209.2	209.2	208.6	208.9
40°	214.5	217.3	219.3	220.7	221.8	222.7	223.0	222.9	222.7	222.0	221.9
42.5°	227.5	230.1	232.3	233.9	235.1	235.7	236.2	236.2	236.0	235.4	234.8
45°	240.2	243.9	246.4	247.1	247.9	249.3	249.0	248.9	248.3	247.9	247.1
47.5°	252.9	256.1	258.1	259.1	259.9	260.6	261.0	260.9	260.5	260.2	259.7
50°	263.5	266.4	268.6	270.2	271.5	272.4	272.9	272.7	272.1	271.5	271.2
52.5°	274.2	277.2	280.4	282.2	282.9	283.6	284.0	284.0	283.5	282.4	282.4
55°	284.5	289.1	292.3	292.6	293.5	294.4	294.8	294.9	294.3	292.8	292.5
57.5°	294.7	298.6	300.3	302.1	304.1	304.6	305.1	305.1	304.4	303.2	302.9
60°	303.3	306.9	309.7	311.7	313.1	314.1	314.5	314.3	313.7	312.7	311.9
62.5°	311.5	315.3	318.2	320.2	321.9	323.3	323.5	323.4	322.6	321.4	320.4
65°	319.2	323.0	326.0	328.3	330.1	331.3	331.6	331.6	330.5	329.4	328.4
67.5°	326.5	330.4	333.0	335.5	337.5	338.6	339.0	338.8	337.8	336.4	335.4
70°	332.8	336.7	339.9	342.2	343.9	345.3	345.5	345.3	344.4	342.5	341.6
72.5°	338.1	342.3	345.8	347.9	349.9	351.2	351.5	351.1	350.2	348.8	347.2
75°	342.8	346.7	350.3	353.0	355.3	356.3	356.4	356.3	355.6	354.0	352.7
77.5°	346.9	351.0	354.6	357.4	359.1	360.2	360.9	360.4	359.8	358.4	357.2
80°	350.0	354.3	357.6	360.2	362.2	363.6	364.1	363.8	363.4	362.3	360.8
82.5°	352.0	356.2	359.6	362.2	364.1	365.3	366.0	366.1	365.8	364.7	363.7
85°	353.5	357.6	361.1	363.5	365.2	366.4	367.1	367.2	367.0	366.2	365.7
87.5°	354.3	358.2	361.8	364.2	365.7	366.6	367.2	367.3	366.7	365.7	365.8
90°	354.9	358.4	362.0	364.3	365.5	366.7	366.7	366.7	366.1	364.3	363.1
92.5°	354.3	358.2	361.8	364.2	365.7	366.6	367.2	367.3	366.7	365.7	365.8
95°	353.5	357.6	361.1	363.5	365.2	366.4	367.1	367.2	367.0	366.2	365.7
97.5°	352.0	356.2	359.6	362.2	364.1	365.3	366.0	366.1	365.8	364.7	363.7
100°	350.0	354.3	357.6	360.2	362.2	363.6	364.1	363.8	363.4	362.3	360.8
102.5°	346.9	351.0	354.6	357.4	359.1	360.2	360.9	360.4	359.8	358.4	357.2
105°	342.8	346.7	350.3	353.0	355.3	356.3	356.4	356.3	355.6	354.0	352.7
107.5°	338.1	342.3	345.8	347.9	349.9	351.2	351.5	351.1	350.2	348.8	347.2
110°	332.8	336.7	339.9	342.2	343.9	345.3	345.5	345.3	344.4	342.5	341.6



TEST NUMBER: P231920

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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°	326.5	330.4	333.0	335.5	337.5	338.6	339.0	338.8	337.8	336.4	335.4
115°	319.2	323.0	326.0	328.3	330.1	331.3	331.6	331.6	330.5	329.4	328.4
117.5°	311.5	315.3	318.2	320.2	321.9	323.3	323.5	323.4	322.6	321.4	320.4
120°	303.3	306.9	309.7	311.7	313.1	314.1	314.5	314.3	313.7	312.7	311.9
122.5°	294.7	298.6	300.3	302.1	304.1	304.6	305.1	305.1	304.4	303.2	302.9
125°	284.5	289.1	292.3	292.6	293.5	294.4	294.8	294.9	294.3	292.8	292.5
127.5°	274.2	277.2	280.4	282.2	282.9	283.6	284.0	284.0	283.5	282.4	282.4
130°	263.5	266.4	268.6	270.2	271.5	272.4	272.9	272.7	272.1	271.5	271.2
132.5°	252.9	256.1	258.1	259.1	259.9	260.6	261.0	260.9	260.5	260.2	259.7
135°	240.2	243.9	246.4	247.1	247.9	249.3	249.0	248.9	248.3	247.9	247.1
137.5°	227.5	230.1	232.3	233.9	235.1	235.7	236.2	236.2	236.0	235.4	234.8
140°	214.5	217.3	219.3	220.7	221.8	222.7	223.0	222.9	222.7	222.0	221.9
142.5°	200.5	203.1	205.3	206.8	207.7	208.6	209.1	209.2	209.2	208.6	208.9
145°	186.3	188.6	190.7	192.6	194.0	194.5	194.7	194.8	194.6	194.0	194.6
147.5°	172.2	174.1	175.5	177.2	178.5	179.4	180.0	180.2	180.0	179.7	180.3
150°	156.9	158.9	160.7	162.1	163.1	163.8	164.5	164.8	164.7	164.9	165.6
152.5°	141.8	143.7	145.3	146.7	147.4	148.4	148.9	149.1	149.0	149.7	150.2
155°	126.3	128.0	129.5	130.6	131.8	132.6	133.2	133.4	133.6	134.2	134.6
157.5°	110.2	111.5	112.6	114.2	115.4	116.3	116.9	117.3	117.9	118.4	119.1
160°	94.8	96.3	97.5	98.5	99.3	99.9	100.3	100.9	101.6	102.1	102.8
162.5°	78.6	80.1	81.3	82.3	83.0	83.5	84.1	84.8	85.3	85.5	86.0
165°	63.4	64.5	65.4	66.1	66.6	67.3	68.0	68.5	68.8	69.0	69.3
167.5°	48.3	49.2	49.9	50.6	51.4	52.2	52.7	53.2	53.5	53.6	53.9
170°	34.0	34.8	35.6	36.3	36.8	37.3	37.7	37.9	38.1	38.6	38.3
172.5°	21.9	22.4	22.9	23.3	23.6	23.8	24.0	24.1	24.1	24.4	24.1
175°	11.8	12.0	12.1	12.2	12.3	12.3	12.3	12.3	12.5	12.3	12.2
177.5°	4.6	4.6	4.6	4.6	4.6	4.5	4.6	4.6	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°	0.0	0.0
2.5°	4.2	4.1
5°	12.0	11.8
7.5°	23.9	23.6
10°	38.0	37.7
12.5°	53.5	53.1
15°	68.9	68.4
17.5°	85.5	84.9
20°	102.4	102.0
22.5°	118.5	117.9
25°	134.8	134.4
27.5°	150.6	150.3
30°	166.0	165.7
32.5°	180.8	180.4
35°	195.3	195.1
37.5°	209.9	209.9
40°	223.1	223.4
42.5°	235.8	235.8
45°	248.2	248.2
47.5°	260.6	260.6
50°	271.8	271.8
52.5°	283.4	284.1
55°	293.3	294.2
57.5°	303.7	304.2
60°	312.6	313.6
62.5°	321.0	321.9
65°	329.1	329.5
67.5°	335.7	336.6
70°	342.1	343.1
72.5°	348.0	349.0
75°	353.2	354.3
77.5°	357.8	359.0
80°	361.0	362.0
82.5°	363.9	364.9
85°	366.4	367.3
87.5°	367.3	368.4
90°	363.7	367.3
92.5°	367.3	368.4
95°	366.4	367.3
97.5°	363.9	364.9
100°	361.0	362.0
102.5°	357.8	359.0
105°	353.2	354.3
107.5°	348.0	349.0
110°	342.1	343.1



TEST NUMBER: P231920

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	335.7	336.6
115°	329.1	329.5
117.5°	321.0	321.9
120°	312.6	313.6
122.5°	303.7	304.2
125°	293.3	294.2
127.5°	283.4	284.1
130°	271.8	271.8
132.5°	260.6	260.6
135°	248.2	248.2
137.5°	235.8	235.8
140°	223.1	223.4
142.5°	209.9	209.9
145°	195.3	195.1
147.5°	180.8	180.4
150°	166.0	165.7
152.5°	150.6	150.3
155°	134.8	134.4
157.5°	118.5	117.9
160°	102.4	102.0
162.5°	85.5	84.9
165°	68.9	68.4
167.5°	53.5	53.1
170°	38.0	37.7
172.5°	23.9	23.6
175°	12.0	11.8
177.5°	4.2	4.1
180°	0.0	0.0

(END OF REPORT)