

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: P231877

Luminaire Tested: **FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231877
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-3)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (42) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

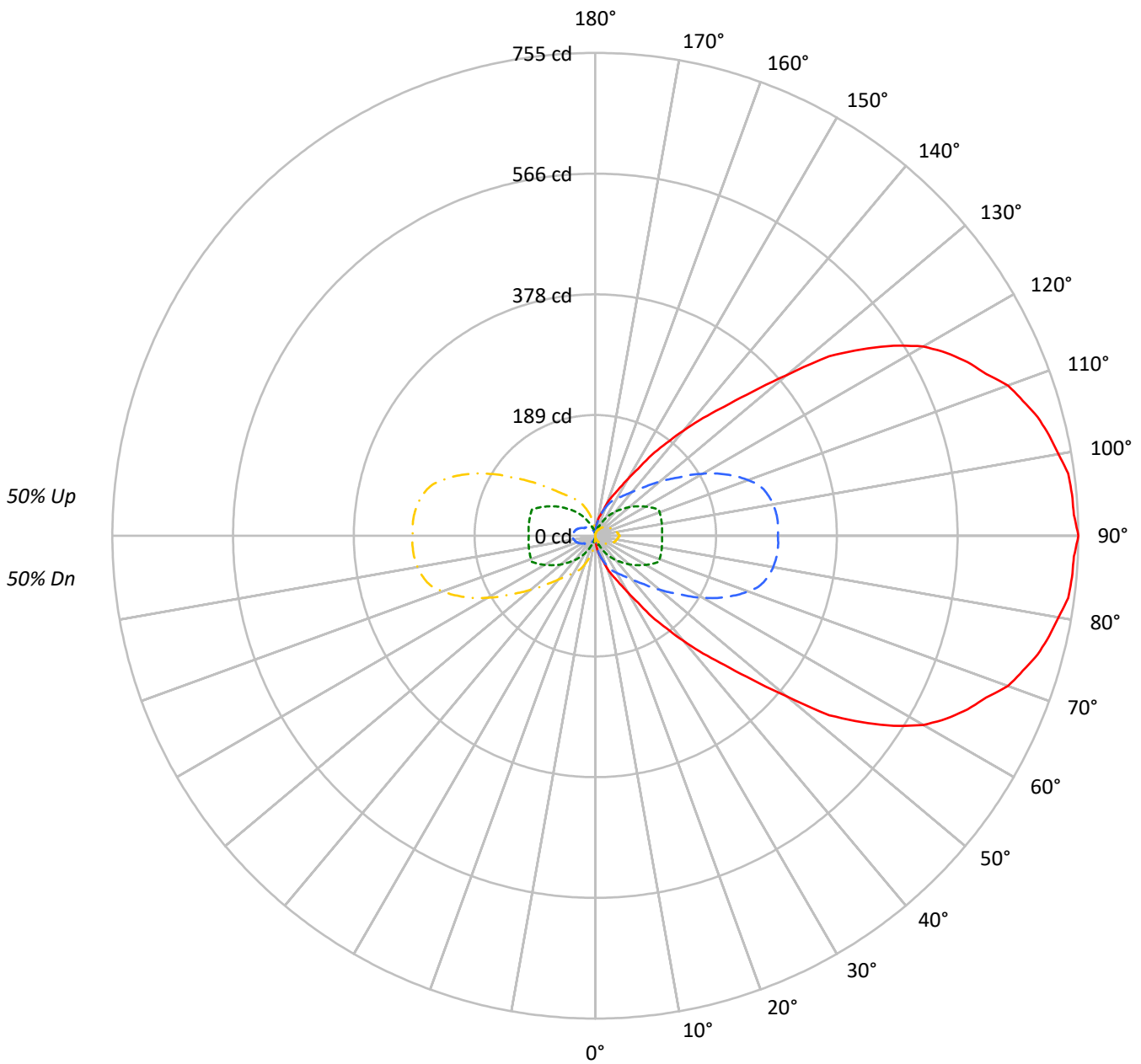
Lumens per Lamp: N/A
Luminaire Lumens: 1755.1 lumens
Efficiency: N/A
Efficacy: 103.3 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 16.99
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	91	83	77	71	83	76	70	65	62	58	54	50	46	43	38	36	33	28
2	80	69	60	52	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	58	48	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	32	58	46	37	29	37	29	24	28	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	13	10	6
6	53	39	29	22	48	35	26	20	28	21	16	22	16	12	16	11	8	5
7	49	35	25	19	44	31	23	17	25	18	13	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	12	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5	2
10	39	26	18	12	35	23	16	11	19	13	9	15	10	6	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	396	110	0	110
10°	616	219	0	219
15°	767	330	0	330
20°	1087	445	0	445
25°	1374	657	0	657
30°	1821	970	0	970
35°	2615	1316	0	1316
40°	3498	1699	0	1699
45°	4532	2142	0	2142
50°	6101	2715	0	2715
55°	7846	3405	0	3405
60°	9126	4255	0	4255
65°	9950	5351	0	5351
70°	10779	6465	0	6465
75°	11478	7641	0	7641
80°	12133	9455	0	9455
85°	12819	12577	0	12577



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.8	0.0
10°-20°	5.5	0.3
20°-30°	15.4	0.9
30°-40°	34.2	1.9
40°-50°	67.0	3.8
50°-60°	120.3	6.9
60°-70°	177.6	10.1
70°-80°	218.0	12.4
80°-90°	238.8	13.6
90°-100°	238.8	13.6
100°-110°	218.0	12.4
110°-120°	177.6	10.1
120°-130°	120.3	6.9
130°-140°	67.0	3.8
140°-150°	34.2	1.9
150°-160°	15.4	0.9
160°-170°	5.5	0.3
170°-180°	0.8	0.0
0°-30°	21.7	1.2
0°-40°	55.9	3.2
0°-60°	243.2	13.9
0°-90°	877.6	50.0
90°-120°	634.4	36.1
90°-150°	855.9	48.8
90°-180°	878.0	50.0
0°-180°	1755.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	15	4	0	4	15	2
15°	36	11	0	11	36	11
25°	74	21	0	21	74	36
35°	155	40	0	40	155	99
45°	285	59	0	59	285	228
55°	508	80	0	80	508	453
65°	642	102	0	102	642	636
75°	716	106	0	106	716	755
85°	748	105	0	105	748	609
90°	755	104	0	104	755	412
95°	748	105	0	105	748	609
105°	716	106	0	106	716	755
115°	642	102	0	102	642	636
125°	508	80	0	80	508	453
135°	285	59	0	59	285	228
145°	155	40	0	40	155	99
155°	74	21	0	21	74	36
165°	36	11	0	11	36	11
175°	15	4	0	4	15	2
180°	0	0	0	0	0	



TEST NUMBER: P231877

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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°	6.4	6.5	6.5	6.6	6.7	6.8	6.8	6.6	6.6	6.6	6.5
5°	15.1	15.2	15.3	15.5	15.6	15.3	15.2	15.2	15.0	14.9	14.7
7.5°	19.9	20.1	20.3	20.6	20.6	20.6	20.7	20.7	20.7	20.7	20.6
10°	26.2	26.5	26.9	27.2	27.1	27.2	27.2	27.2	27.2	27.0	26.9
12.5°	31.0	31.5	31.9	32.2	32.5	32.7	32.9	33.0	33.1	33.1	33.0
15°	35.8	36.5	37.1	37.5	37.9	38.3	38.6	38.8	38.9	39.0	38.9
17.5°	42.9	43.6	44.3	44.6	44.9	45.2	45.4	45.5	45.5	45.5	45.4
20°	54.8	55.3	55.7	55.4	55.3	55.0	54.7	54.3	53.7	53.2	52.5
22.5°	64.4	64.7	64.9	64.4	64.2	63.8	63.3	62.7	62.1	61.3	60.6
25°	73.9	73.9	73.6	73.2	72.7	72.0	71.2	70.3	69.4	68.3	67.2
27.5°	86.6	86.4	85.7	84.8	83.8	82.4	80.9	79.3	77.4	75.4	73.6
30°	103.3	102.8	101.6	100.1	98.3	96.2	93.8	91.1	88.1	85.0	82.4
32.5°	124.0	123.3	121.5	119.5	116.9	113.8	110.3	106.3	101.9	97.6	93.7
35°	155.0	153.7	150.6	147.1	142.9	137.9	132.3	126.2	119.5	113.8	108.1
37.5°	182.0	180.6	177.5	173.9	169.4	164.0	157.8	150.8	143.0	134.9	126.4
40°	214.6	213.0	209.1	204.6	199.1	192.4	184.7	176.0	166.9	157.6	147.5
42.5°	249.6	248.3	244.2	239.3	232.9	225.0	215.7	204.9	194.1	182.7	170.3
45°	285.3	284.6	280.7	275.8	269.2	260.8	250.6	240.2	225.8	211.3	196.3
47.5°	333.0	332.3	327.1	320.8	312.3	301.6	288.8	275.0	260.5	244.3	228.7
50°	391.0	390.1	383.2	374.9	363.8	350.1	334.0	317.3	299.3	280.2	262.5
52.5°	461.0	460.7	452.2	441.7	427.1	408.4	385.8	365.5	342.4	319.0	297.4
55°	507.9	510.2	505.9	499.4	488.7	473.6	452.9	423.7	389.5	360.1	332.7
57.5°	553.2	555.6	551.7	546.5	538.3	527.4	510.6	479.2	446.7	406.1	368.9
60°	592.1	592.9	588.3	583.1	576.3	568.3	550.7	523.5	489.9	451.1	410.7
62.5°	619.2	619.6	617.5	612.9	605.7	596.1	580.3	558.5	527.1	490.2	447.7
65°	642.2	642.1	640.1	636.4	631.2	623.7	609.1	589.2	560.8	524.2	480.8
67.5°	661.3	662.4	661.1	657.2	650.8	644.6	635.9	619.6	594.3	557.7	512.8
70°	686.7	685.3	681.8	677.0	672.0	664.6	656.3	644.1	624.9	589.9	542.2
72.5°	701.0	700.5	697.9	693.1	689.0	681.5	672.9	663.4	645.2	612.9	566.9
75°	716.1	714.0	710.4	706.6	701.9	695.5	687.0	675.9	661.7	632.2	587.0
77.5°	726.5	725.4	721.7	717.1	711.9	706.0	697.7	686.5	672.6	649.1	606.3
80°	735.2	734.1	731.2	727.6	720.9	713.9	706.0	695.2	683.0	663.0	620.9
82.5°	745.5	742.3	738.1	732.9	727.9	720.4	712.8	701.5	688.8	670.5	633.6
85°	747.9	747.2	744.6	738.4	732.5	724.5	716.9	705.7	692.4	676.4	642.6
87.5°	748.7	752.5	747.8	740.2	735.0	725.9	719.1	707.2	694.7	680.5	647.3
90°	755.1	747.9	745.5	740.8	733.6	725.7	720.1	706.6	695.5	682.0	647.0
92.5°	748.7	752.5	747.8	740.2	735.0	725.9	719.1	707.2	694.7	680.5	647.3
95°	747.9	747.2	744.6	738.4	732.5	724.5	716.9	705.7	692.4	676.4	642.6
97.5°	745.5	742.3	738.1	732.9	727.9	720.4	712.8	701.5	688.8	670.5	633.6
100°	735.2	734.1	731.2	727.6	720.9	713.9	706.0	695.2	683.0	663.0	620.9
102.5°	726.5	725.4	721.7	717.1	711.9	706.0	697.7	686.5	672.6	649.1	606.3
105°	716.1	714.0	710.4	706.6	701.9	695.5	687.0	675.9	661.7	632.2	587.0
107.5°	701.0	700.5	697.9	693.1	689.0	681.5	672.9	663.4	645.2	612.9	566.9
110°	686.7	685.3	681.8	677.0	672.0	664.6	656.3	644.1	624.9	589.9	542.2



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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°	661.3	662.4	661.1	657.2	650.8	644.6	635.9	619.6	594.3	557.7	512.8
115°	642.2	642.1	640.1	636.4	631.2	623.7	609.1	589.2	560.7	524.2	480.8
117.5°	619.2	619.6	617.5	612.9	605.7	596.1	580.3	558.5	527.1	490.2	447.7
120°	592.1	592.9	588.3	583.1	576.3	568.3	550.7	523.5	489.9	451.1	410.7
122.5°	553.2	555.6	551.7	546.5	538.3	527.4	510.6	479.2	446.7	406.1	368.9
125°	507.9	510.2	505.9	499.4	488.7	473.6	452.9	423.7	389.5	360.1	332.7
127.5°	461.0	460.7	452.2	441.7	427.1	408.4	385.8	365.5	342.4	319.0	297.4
130°	391.0	390.1	383.2	374.9	363.8	350.1	334.0	317.3	299.3	280.2	262.5
132.5°	333.0	332.3	327.1	320.8	312.3	301.6	288.8	275.0	260.5	244.3	228.7
135°	285.3	284.6	280.7	275.8	269.2	260.8	250.6	240.2	225.8	211.3	196.3
137.5°	249.6	248.3	244.2	239.3	232.9	225.0	215.7	204.9	194.1	182.7	170.3
140°	214.6	213.0	209.1	204.6	199.1	192.4	184.7	176.0	166.9	157.6	147.5
142.5°	182.0	180.6	177.5	173.9	169.4	164.0	157.8	150.8	143.0	134.9	126.4
145°	155.0	153.7	150.6	147.1	142.9	137.9	132.3	126.2	119.5	113.8	108.1
147.5°	124.0	123.3	121.5	119.5	116.9	113.8	110.3	106.3	101.9	97.6	93.7
150°	103.3	102.8	101.6	100.1	98.3	96.2	93.8	91.1	88.1	85.0	82.4
152.5°	86.6	86.4	85.7	84.8	83.8	82.4	80.9	79.3	77.4	75.4	73.6
155°	73.9	73.9	73.6	73.2	72.7	72.0	71.2	70.3	69.4	68.3	67.2
157.5°	64.4	64.7	64.9	64.4	64.2	63.8	63.3	62.7	62.1	61.3	60.6
160°	54.8	55.3	55.7	55.4	55.3	55.0	54.7	54.3	53.7	53.2	52.5
162.5°	42.9	43.6	44.3	44.6	44.9	45.2	45.4	45.5	45.5	45.5	45.4
165°	35.8	36.5	37.1	37.5	37.9	38.3	38.6	38.8	38.9	39.0	38.9
167.5°	31.0	31.5	31.9	32.2	32.5	32.7	32.9	33.0	33.1	33.1	33.0
170°	26.2	26.5	26.9	27.2	27.1	27.2	27.2	27.2	27.2	27.0	26.9
172.5°	19.9	20.1	20.3	20.6	20.6	20.6	20.7	20.7	20.7	20.7	20.6
175°	15.1	15.2	15.3	15.5	15.6	15.3	15.2	15.2	15.0	14.9	14.7
177.5°	6.4	6.5	6.5	6.6	6.7	6.8	6.8	6.6	6.6	6.6	6.5
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°	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.6	5.4	5.3
5°	14.5	14.2	14.0	13.7	13.4	13.0	12.6	12.2	11.8	11.3	10.9
7.5°	20.5	20.3	20.1	19.9	19.7	19.4	19.1	18.7	18.4	17.7	17.0
10°	26.6	26.3	26.0	25.6	25.1	24.6	24.1	23.7	23.2	22.6	22.0
12.5°	32.9	32.7	32.4	32.1	31.6	31.0	30.3	29.5	28.7	27.8	26.8
15°	38.8	38.5	38.2	37.8	37.4	36.8	36.2	35.5	34.7	33.6	32.4
17.5°	45.1	44.9	44.5	44.1	43.5	42.8	42.0	41.1	40.2	39.1	38.0
20°	51.9	51.4	50.9	50.4	49.9	49.2	48.4	47.3	46.1	44.8	43.4
22.5°	59.7	58.7	57.7	56.8	55.9	55.1	54.3	53.4	52.6	51.0	49.3
25°	66.1	65.0	63.9	62.8	61.7	60.7	59.7	58.8	57.8	56.7	55.8
27.5°	72.2	70.7	69.3	67.9	66.6	65.4	64.4	63.3	62.5	61.7	60.5
30°	79.8	77.1	74.5	72.7	71.0	69.4	68.1	67.0	66.3	66.0	65.7
32.5°	89.7	85.4	81.9	78.7	75.5	73.3	72.3	71.4	70.8	70.1	69.8
35°	102.0	96.1	91.2	86.3	82.5	80.1	77.5	76.5	75.4	74.5	73.8
37.5°	117.6	110.1	102.8	97.3	92.7	88.3	85.1	82.2	80.3	79.0	78.0
40°	137.0	127.3	119.0	111.8	104.8	98.6	93.6	89.2	86.2	83.8	82.3
42.5°	158.8	148.7	138.4	129.0	119.9	111.4	103.4	97.8	92.6	89.3	86.9
45°	184.5	171.8	159.9	147.8	136.5	125.5	116.1	107.0	100.8	95.3	91.9
47.5°	212.9	197.1	182.7	168.1	154.6	141.7	129.6	119.1	109.4	102.6	97.4
50°	243.7	225.3	206.9	190.1	174.2	158.6	144.4	131.4	120.3	110.6	103.3
52.5°	275.7	254.5	233.2	213.0	194.1	176.6	159.9	144.9	131.8	119.8	113.0
55°	307.7	283.9	260.3	236.7	215.0	194.7	175.4	158.9	146.0	135.2	126.8
57.5°	339.3	311.6	286.8	261.3	236.1	213.5	194.1	176.9	162.0	150.0	140.8
60°	370.7	338.9	310.2	284.8	258.5	234.6	213.2	193.9	177.9	164.7	154.3
62.5°	405.1	364.6	333.0	305.3	280.2	254.2	231.5	211.0	193.0	178.2	167.0
65°	435.3	393.1	354.5	324.0	297.7	272.6	248.3	226.4	207.2	191.6	179.7
67.5°	465.2	419.4	377.5	341.7	312.4	287.9	263.5	241.1	221.2	204.3	191.2
70°	492.9	444.2	398.2	357.6	326.1	300.2	276.8	254.4	233.7	215.9	201.8
72.5°	515.9	465.6	416.4	372.7	337.8	310.1	287.5	266.9	244.9	226.8	212.3
75°	534.5	482.8	432.7	383.9	346.8	318.3	295.3	274.0	253.1	235.3	221.3
77.5°	548.5	495.5	445.2	396.0	355.9	324.2	299.7	278.9	259.1	242.0	229.2
80°	563.6	509.0	458.8	408.5	363.4	328.6	302.6	282.4	263.6	247.4	236.1
82.5°	578.1	520.6	469.3	418.0	369.2	331.4	304.0	284.7	266.9	251.7	242.3
85°	587.1	528.1	476.7	424.4	373.1	332.7	304.1	285.8	269.1	255.0	247.7
87.5°	590.7	533.4	482.4	429.3	376.1	333.2	303.6	286.3	270.6	257.7	252.8
90°	589.0	530.9	480.9	427.6	374.4	330.6	301.2	285.3	271.0	259.9	257.5
92.5°	590.7	533.4	482.4	429.3	376.1	333.2	303.6	286.3	270.6	257.7	252.8
95°	587.1	528.1	476.7	424.4	373.1	332.7	304.1	285.8	269.1	255.0	247.7
97.5°	578.1	520.6	469.3	418.0	369.2	331.4	304.0	284.7	266.9	251.7	242.3
100°	563.6	509.0	458.8	408.5	363.4	328.6	302.6	282.4	263.6	247.4	236.1
102.5°	548.5	495.5	445.2	396.0	355.9	324.2	299.7	278.9	259.1	242.0	229.2
105°	534.5	482.8	432.7	383.9	346.8	318.3	295.3	274.0	253.1	235.3	221.3
107.5°	515.9	465.6	416.4	372.7	337.8	310.1	287.5	266.9	244.9	226.8	212.3
110°	492.9	444.2	398.2	357.6	326.1	300.2	276.8	254.4	233.7	215.9	201.8



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	465.2	419.4	377.5	341.7	312.4	287.9	263.5	241.1	221.2	204.3	191.2
115°	435.3	393.1	354.5	324.0	297.7	272.6	248.3	226.4	207.2	191.6	179.7
117.5°	405.1	364.6	333.0	305.3	280.2	254.2	231.5	211.0	193.0	178.2	167.0
120°	370.7	338.9	310.2	284.8	258.5	234.6	213.2	193.9	177.9	164.7	154.3
122.5°	339.3	311.6	286.8	261.3	236.1	213.5	194.1	176.9	162.0	150.0	140.8
125°	307.7	283.9	260.3	236.7	215.0	194.7	175.4	158.9	146.0	135.2	126.8
127.5°	275.7	254.5	233.2	213.0	194.1	176.6	159.9	144.9	131.8	119.8	113.0
130°	243.7	225.3	206.9	190.1	174.2	158.6	144.4	131.4	120.3	110.6	103.3
132.5°	212.9	197.1	182.7	168.1	154.6	141.7	129.6	119.1	109.4	102.6	97.4
135°	184.5	171.8	159.9	147.8	136.5	125.5	116.1	107.0	100.8	95.3	91.9
137.5°	158.8	148.7	138.4	129.0	119.9	111.4	103.4	97.8	92.6	89.3	86.9
140°	137.0	127.3	119.0	111.8	104.8	98.6	93.6	89.2	86.2	83.8	82.3
142.5°	117.6	110.1	102.8	97.3	92.7	88.3	85.1	82.2	80.3	79.0	78.0
145°	102.0	96.1	91.2	86.3	82.5	80.1	77.5	76.5	75.4	74.5	73.8
147.5°	89.7	85.4	81.9	78.7	75.5	73.3	72.3	71.4	70.8	70.1	69.8
150°	79.8	77.1	74.5	72.7	71.0	69.4	68.1	67.0	66.3	66.0	65.7
152.5°	72.2	70.7	69.3	67.9	66.6	65.4	64.4	63.3	62.5	61.7	60.5
155°	66.1	65.0	63.9	62.8	61.7	60.7	59.7	58.8	57.8	56.7	55.8
157.5°	59.7	58.7	57.7	56.8	55.9	55.1	54.3	53.4	52.6	51.0	49.3
160°	51.9	51.4	50.9	50.4	49.9	49.2	48.4	47.3	46.1	44.8	43.4
162.5°	45.1	44.9	44.5	44.1	43.5	42.8	42.0	41.1	40.2	39.1	38.0
165°	38.8	38.5	38.2	37.8	37.4	36.8	36.2	35.5	34.7	33.6	32.4
167.5°	32.9	32.7	32.4	32.1	31.6	31.0	30.3	29.5	28.7	27.8	26.8
170°	26.6	26.3	26.0	25.6	25.1	24.6	24.1	23.7	23.2	22.6	22.0
172.5°	20.5	20.3	20.1	19.9	19.7	19.4	19.1	18.7	18.4	17.7	17.0
175°	14.5	14.2	14.0	13.7	13.4	13.0	12.6	12.2	11.8	11.3	10.9
177.5°	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.6	5.4	5.3
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: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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°	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.6	3.4	3.2	2.9
5°	10.4	9.8	9.3	8.9	8.5	8.1	7.6	7.2	6.7	6.2	5.8
7.5°	16.3	15.5	14.7	13.9	13.1	12.2	11.3	10.6	9.9	9.2	8.5
10°	21.4	20.7	20.0	18.9	17.8	16.7	15.5	14.3	13.1	12.2	11.3
12.5°	25.9	25.1	24.1	23.1	22.1	20.9	19.5	18.1	16.6	15.1	13.9
15°	31.2	29.9	28.7	27.3	26.0	24.7	23.3	21.7	20.0	18.3	16.5
17.5°	36.9	35.2	33.5	31.8	30.1	28.5	26.8	25.0	23.2	21.3	19.3
20°	42.0	40.4	38.7	36.7	34.6	32.4	30.4	28.4	26.2	24.1	22.0
22.5°	47.4	45.6	43.7	41.7	39.3	36.8	34.2	31.8	29.4	26.9	24.6
25°	53.4	51.2	48.8	46.5	44.4	42.0	39.5	36.9	34.4	31.9	29.6
27.5°	59.5	57.7	55.4	53.0	50.7	48.4	45.7	42.9	40.2	37.4	34.7
30°	64.8	63.7	62.0	59.5	57.0	54.5	51.8	48.8	46.0	42.9	39.9
32.5°	69.5	68.7	67.5	65.7	63.1	60.5	57.6	54.6	51.5	48.3	45.1
35°	73.3	73.1	72.3	71.1	68.9	66.3	63.3	60.4	57.0	53.7	50.2
37.5°	77.1	76.8	76.7	75.6	74.5	71.8	69.0	65.7	62.3	59.0	55.4
40°	81.1	80.2	80.1	80.0	78.8	76.9	74.5	71.1	67.6	64.1	60.5
42.5°	85.2	84.1	83.3	83.5	83.0	81.8	79.4	76.4	72.7	69.2	65.5
45°	89.6	87.8	86.9	86.7	87.0	85.9	84.1	81.7	77.8	74.1	70.4
47.5°	93.9	91.9	90.5	89.6	90.2	90.5	90.8	90.1	87.7	84.8	81.4
50°	99.0	96.4	96.3	97.4	99.5	101.7	102.5	102.4	100.8	97.9	93.8
52.5°	108.6	107.1	106.8	107.5	109.4	112.4	113.8	114.4	113.7	111.1	106.3
55°	120.8	118.2	117.2	117.2	119.3	122.5	124.8	126.0	126.4	124.2	118.9
57.5°	133.7	129.1	127.6	127.1	129.1	132.5	135.6	137.5	138.8	137.0	131.6
60°	146.2	140.2	138.2	137.4	138.7	142.3	146.2	148.7	150.6	149.7	144.4
62.5°	158.9	152.3	148.7	147.5	148.0	152.0	156.6	159.6	162.2	162.3	157.3
65°	170.9	164.1	159.0	157.7	157.1	161.6	166.6	170.5	173.7	174.7	170.2
67.5°	182.1	175.6	169.3	167.8	167.1	171.2	176.6	181.2	185.1	187.0	183.2
70°	192.7	186.7	180.5	177.7	176.4	179.1	183.9	188.0	191.0	191.5	185.9
72.5°	202.4	195.3	188.7	184.6	183.2	184.9	188.9	192.5	195.2	194.5	187.2
75°	210.8	202.9	196.2	191.4	189.8	191.1	194.2	197.1	199.7	197.7	188.6
77.5°	219.0	210.4	203.5	198.3	196.2	197.4	199.6	201.8	204.3	201.1	190.1
80°	226.8	217.8	210.4	205.1	202.5	204.0	205.3	206.5	209.2	204.6	191.5
82.5°	234.4	225.1	217.1	212.0	208.8	210.7	211.1	211.2	214.1	208.2	193.6
85°	241.6	232.1	223.6	218.8	214.9	217.5	217.1	215.9	219.2	212.1	194.5
87.5°	248.6	239.1	230.0	225.5	221.1	224.4	223.0	220.8	224.1	215.3	195.4
90°	255.1	245.6	236.1	232.1	227.3	231.3	228.9	225.7	228.9	218.6	196.3
92.5°	248.6	239.1	230.0	225.5	221.1	224.4	223.0	220.8	224.1	215.3	195.4
95°	241.6	232.1	223.6	218.8	214.9	217.5	217.1	215.9	219.2	212.1	194.5
97.5°	234.4	225.1	217.1	212.0	208.8	210.7	211.1	211.2	214.1	208.2	193.6
100°	226.8	217.8	210.4	205.1	202.5	204.0	205.3	206.5	209.2	204.6	191.5
102.5°	219.0	210.4	203.5	198.3	196.2	197.4	199.6	201.8	204.3	201.1	190.1
105°	210.8	202.9	196.2	191.4	189.8	191.1	194.2	197.1	199.7	197.7	188.6
107.5°	202.4	195.3	188.7	184.6	183.2	184.9	188.9	192.5	195.2	194.5	187.2
110°	192.7	186.7	180.5	177.7	176.4	179.1	183.9	188.0	191.0	191.5	185.9



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	182.1	175.6	169.3	167.8	167.1	171.2	176.6	181.2	185.1	187.0	183.2
115°	170.9	164.1	159.0	157.7	157.1	161.6	166.6	170.5	173.7	174.7	170.2
117.5°	158.9	152.3	148.7	147.5	148.0	152.0	156.6	159.6	162.2	162.3	157.3
120°	146.2	140.2	138.2	137.4	138.7	142.3	146.2	148.7	150.6	149.7	144.4
122.5°	133.7	129.1	127.6	127.1	129.1	132.5	135.6	137.5	138.8	137.0	131.6
125°	120.8	118.2	117.2	117.2	119.3	122.5	124.8	126.0	126.4	124.2	118.9
127.5°	108.6	107.1	106.8	107.5	109.4	112.4	113.8	114.4	113.7	111.1	106.3
130°	99.0	96.4	96.3	97.4	99.5	101.7	102.5	102.4	100.8	97.9	93.8
132.5°	93.9	91.9	90.5	89.6	90.2	90.5	90.8	90.1	87.7	84.8	81.4
135°	89.6	87.8	86.9	86.7	87.0	85.9	84.1	81.7	77.8	74.1	70.4
137.5°	85.2	84.1	83.3	83.5	83.0	81.8	79.4	76.4	72.7	69.2	65.5
140°	81.1	80.2	80.1	80.0	78.8	76.9	74.5	71.1	67.6	64.1	60.5
142.5°	77.1	76.8	76.7	75.6	74.5	71.8	69.0	65.7	62.3	59.0	55.4
145°	73.3	73.1	72.3	71.1	68.9	66.3	63.3	60.4	57.0	53.7	50.2
147.5°	69.5	68.7	67.5	65.7	63.1	60.5	57.6	54.6	51.5	48.3	45.1
150°	64.8	63.7	62.0	59.5	57.0	54.5	51.8	48.8	46.0	42.9	39.9
152.5°	59.5	57.7	55.4	53.0	50.7	48.4	45.7	42.9	40.2	37.4	34.7
155°	53.4	51.2	48.8	46.5	44.4	42.0	39.5	36.9	34.4	31.9	29.6
157.5°	47.4	45.6	43.7	41.7	39.3	36.8	34.2	31.8	29.4	26.9	24.6
160°	42.0	40.4	38.7	36.7	34.6	32.4	30.4	28.4	26.2	24.1	22.0
162.5°	36.9	35.2	33.5	31.8	30.1	28.5	26.8	25.0	23.2	21.3	19.3
165°	31.2	29.9	28.7	27.3	26.0	24.7	23.3	21.7	20.0	18.3	16.5
167.5°	25.9	25.1	24.1	23.1	22.1	20.9	19.5	18.1	16.6	15.1	13.9
170°	21.4	20.7	20.0	18.9	17.8	16.7	15.5	14.3	13.1	12.2	11.3
172.5°	16.3	15.5	14.7	13.9	13.1	12.2	11.3	10.6	9.9	9.2	8.5
175°	10.4	9.8	9.3	8.9	8.5	8.1	7.6	7.2	6.7	6.2	5.8
177.5°	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.6	3.4	3.2	2.9
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: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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°	2.7	2.4	2.1	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7
5°	5.3	4.7	4.2	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.3
7.5°	7.8	7.1	6.3	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9
10°	10.3	9.4	8.4	7.4	7.3	7.1	7.0	6.8	6.7	6.5	6.3
12.5°	12.8	11.6	10.5	9.3	9.1	8.9	8.6	8.4	8.2	8.0	7.8
15°	15.2	13.9	12.5	11.1	10.8	10.5	10.2	9.9	9.7	9.5	9.2
17.5°	17.5	16.0	14.5	13.0	12.6	12.2	11.8	11.5	11.2	10.9	10.6
20°	19.9	18.2	16.5	14.8	14.3	13.8	13.3	13.0	12.6	12.3	11.9
22.5°	22.3	20.3	18.5	16.7	16.1	15.4	14.9	14.5	14.1	13.6	13.2
25°	27.3	25.1	23.3	21.4	20.8	20.1	19.5	19.0	18.3	17.6	16.7
27.5°	32.4	30.0	28.1	26.1	25.5	24.9	24.5	24.0	23.4	22.6	21.6
30°	37.4	34.8	32.8	30.7	30.3	29.7	29.5	29.1	28.4	27.6	26.3
32.5°	42.3	39.7	37.6	35.4	35.1	34.7	34.6	34.3	33.5	32.4	30.8
35°	47.2	44.6	42.3	40.1	39.9	39.7	39.7	39.4	38.7	37.0	35.0
37.5°	52.0	49.3	47.0	44.8	44.7	44.7	44.9	44.6	43.9	41.4	38.9
40°	56.8	54.1	51.7	49.4	49.6	49.8	50.2	49.8	48.5	45.6	42.5
42.5°	61.5	58.8	56.4	54.1	54.4	54.9	55.5	55.0	53.0	49.8	45.9
45°	66.3	63.5	61.0	58.8	59.3	60.0	60.7	60.3	57.3	53.4	49.1
47.5°	76.3	72.0	68.0	64.2	63.4	63.1	62.9	62.3	58.8	54.9	50.8
50°	87.1	80.9	75.2	69.6	67.3	65.9	64.7	63.2	59.2	55.2	51.1
52.5°	98.3	90.1	82.5	75.0	71.1	68.5	66.4	63.8	59.6	55.6	51.5
55°	109.7	99.4	89.9	80.4	74.9	71.0	67.9	64.5	60.0	56.2	52.0
57.5°	121.4	108.9	97.3	85.7	78.6	73.4	69.3	65.1	60.6	56.8	52.6
60°	133.3	118.5	104.9	91.1	82.1	75.7	70.6	65.8	61.2	57.5	53.6
62.5°	145.4	128.3	112.5	96.5	85.7	77.8	71.8	66.4	62.0	58.4	54.9
65°	157.6	138.2	120.1	101.9	89.2	79.9	73.0	67.1	62.9	59.3	56.4
67.5°	170.0	148.1	127.8	107.3	92.6	81.9	74.0	67.8	63.8	60.3	58.1
70°	171.2	148.4	127.7	106.9	91.9	81.3	73.4	67.4	63.6	60.2	58.8
72.5°	171.4	148.2	127.4	106.6	91.3	80.6	72.6	66.9	63.1	59.8	58.7
75°	171.5	148.0	127.7	106.2	90.6	80.0	71.9	66.5	62.7	59.5	58.6
77.5°	171.5	147.6	127.1	105.9	90.0	79.4	71.2	66.1	62.2	59.2	58.5
80°	171.4	147.9	126.5	105.5	89.4	78.9	70.5	65.8	61.8	59.1	58.4
82.5°	171.7	147.1	125.9	105.2	88.9	78.4	69.9	65.6	61.4	58.9	58.3
85°	170.9	146.3	125.2	104.8	88.4	77.9	69.4	65.4	61.0	58.9	58.2
87.5°	170.1	145.5	124.6	104.5	87.9	77.5	68.9	65.3	60.7	58.8	58.1
90°	169.3	144.7	124.0	104.1	87.4	77.1	68.4	65.2	60.4	58.8	58.0
92.5°	170.1	145.5	124.6	104.5	87.9	77.5	68.9	65.3	60.7	58.8	58.1
95°	170.9	146.3	125.2	104.8	88.4	77.9	69.4	65.4	61.0	58.9	58.2
97.5°	171.7	147.1	125.9	105.2	88.9	78.4	69.9	65.6	61.4	58.9	58.3
100°	171.4	147.9	126.5	105.5	89.4	78.9	70.5	65.8	61.8	59.1	58.4
102.5°	171.5	147.6	127.1	105.9	90.0	79.4	71.2	66.1	62.2	59.2	58.5
105°	171.5	148.0	127.7	106.2	90.6	80.0	71.9	66.5	62.7	59.5	58.6
107.5°	171.4	148.2	127.4	106.6	91.3	80.6	72.6	66.9	63.1	59.8	58.7
110°	171.2	148.4	127.7	106.9	91.9	81.3	73.4	67.4	63.6	60.2	58.8



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	170.0	148.1	127.8	107.3	92.6	81.9	74.0	67.8	63.8	60.3	58.1
115°	157.6	138.2	120.1	101.9	89.2	79.9	73.0	67.1	62.9	59.3	56.4
117.5°	145.4	128.3	112.5	96.5	85.7	77.8	71.8	66.4	62.0	58.4	54.9
120°	133.3	118.5	104.9	91.1	82.1	75.7	70.6	65.8	61.2	57.5	53.6
122.5°	121.4	108.9	97.3	85.7	78.6	73.4	69.3	65.1	60.6	56.8	52.6
125°	109.7	99.4	89.9	80.4	74.9	71.0	67.9	64.5	60.0	56.2	52.0
127.5°	98.3	90.1	82.5	75.0	71.1	68.5	66.4	63.8	59.6	55.6	51.5
130°	87.1	80.9	75.2	69.6	67.3	65.9	64.7	63.2	59.2	55.2	51.1
132.5°	76.3	72.0	68.0	64.2	63.4	63.1	62.9	62.3	58.8	54.9	50.8
135°	66.3	63.5	61.0	58.8	59.3	60.0	60.7	60.3	57.3	53.4	49.1
137.5°	61.5	58.8	56.4	54.1	54.4	54.9	55.5	55.0	53.0	49.8	45.9
140°	56.8	54.1	51.7	49.4	49.6	49.8	50.2	49.8	48.5	45.6	42.5
142.5°	52.0	49.3	47.0	44.8	44.7	44.7	44.9	44.6	43.9	41.4	38.9
145°	47.2	44.6	42.3	40.1	39.9	39.7	39.7	39.4	38.7	37.0	35.0
147.5°	42.3	39.7	37.6	35.4	35.1	34.7	34.6	34.3	33.5	32.4	30.8
150°	37.4	34.8	32.8	30.7	30.3	29.7	29.5	29.1	28.4	27.6	26.3
152.5°	32.4	30.0	28.1	26.1	25.5	24.9	24.5	24.0	23.4	22.6	21.6
155°	27.3	25.1	23.3	21.4	20.8	20.1	19.5	19.0	18.3	17.6	16.7
157.5°	22.3	20.3	18.5	16.7	16.1	15.4	14.9	14.5	14.1	13.6	13.2
160°	19.9	18.2	16.5	14.8	14.3	13.8	13.3	13.0	12.6	12.3	11.9
162.5°	17.5	16.0	14.5	13.0	12.6	12.2	11.8	11.5	11.2	10.9	10.6
165°	15.2	13.9	12.5	11.1	10.8	10.5	10.2	9.9	9.7	9.5	9.2
167.5°	12.8	11.6	10.5	9.3	9.1	8.9	8.6	8.4	8.2	8.0	7.8
170°	10.3	9.4	8.4	7.4	7.3	7.1	7.0	6.8	6.7	6.5	6.3
172.5°	7.8	7.1	6.3	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9
175°	5.3	4.7	4.2	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.3
177.5°	2.7	2.4	2.1	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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°	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2
5°	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
7.5°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4
10°	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3
12.5°	7.6	7.4	7.2	7.0	6.7	6.5	6.2	6.0	5.8	5.6	5.3
15°	9.0	8.7	8.4	8.1	7.9	7.6	7.4	7.2	7.0	6.7	6.4
17.5°	10.3	10.0	9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.9	7.5
20°	11.5	11.2	11.0	10.7	10.5	10.2	10.0	9.7	9.3	8.8	8.4
22.5°	12.8	12.6	12.3	12.1	11.8	11.6	11.2	10.7	10.1	9.6	9.2
25°	15.9	15.1	14.3	13.5	13.2	12.7	12.1	11.5	11.1	10.7	10.3
27.5°	20.6	19.5	18.4	17.3	16.0	14.7	13.5	12.7	12.3	11.6	11.0
30°	25.0	23.6	22.2	20.6	18.9	17.5	16.4	15.2	13.9	12.6	11.7
32.5°	29.0	27.3	25.4	23.4	21.6	20.2	18.6	17.0	15.6	14.5	13.5
35°	32.8	30.6	28.2	26.0	24.1	22.3	20.4	18.7	17.4	16.2	14.7
37.5°	36.2	33.5	30.7	28.4	26.2	23.9	21.9	20.4	18.9	17.2	15.8
40°	39.4	36.1	33.1	30.5	27.8	25.3	23.5	21.7	19.9	18.3	17.0
42.5°	42.2	38.4	35.3	32.2	29.2	26.9	24.9	22.7	20.9	19.4	18.0
45°	44.8	40.8	37.2	33.7	30.7	28.3	25.9	23.7	22.0	20.3	18.8
47.5°	46.6	42.8	38.9	35.0	32.1	29.4	26.8	24.7	22.8	21.0	19.6
50°	46.9	43.5	40.1	36.9	33.9	30.5	27.8	25.6	23.5	21.8	20.2
52.5°	47.7	44.6	41.8	39.4	36.7	33.5	30.3	27.1	24.1	22.4	20.4
55°	48.7	46.3	44.2	42.5	39.8	36.6	33.2	29.9	26.9	23.8	20.6
57.5°	50.1	48.4	47.2	45.8	43.2	39.7	36.2	32.8	29.5	25.9	22.4
60°	51.6	51.0	50.6	49.3	46.6	42.8	39.1	35.5	31.6	27.8	24.2
62.5°	53.6	53.9	54.3	53.0	49.9	46.0	42.0	38.1	33.6	29.6	25.9
65°	56.0	57.2	58.4	57.0	53.2	49.1	44.9	40.3	35.6	31.4	27.6
67.5°	58.8	60.9	62.2	60.8	56.5	52.3	47.7	42.5	37.6	33.2	29.0
70°	60.3	63.2	65.1	64.1	59.9	55.4	50.3	44.6	39.6	34.9	30.3
72.5°	60.3	63.0	64.6	63.6	60.5	56.7	51.9	46.4	41.6	36.6	31.6
75°	60.2	62.7	64.2	63.4	60.9	57.4	52.5	47.1	42.1	37.1	32.6
77.5°	60.0	62.4	64.0	63.6	61.7	58.4	53.3	47.8	42.6	37.5	33.2
80°	59.7	61.9	63.7	64.0	62.6	59.6	54.2	48.7	43.3	38.0	33.9
82.5°	59.3	61.4	63.5	64.6	63.7	61.0	55.3	49.8	44.2	38.8	34.8
85°	58.9	60.9	63.3	65.3	65.0	62.6	56.5	51.0	45.1	39.7	35.8
87.5°	58.5	60.3	63.1	66.1	66.3	64.2	58.0	52.4	46.3	40.8	36.9
90°	58.0	59.6	62.8	66.8	67.6	66.0	59.6	54.0	47.7	42.1	38.2
92.5°	58.5	60.3	63.1	66.1	66.3	64.2	58.0	52.4	46.3	40.8	36.9
95°	58.9	60.9	63.3	65.3	65.0	62.6	56.5	51.0	45.1	39.7	35.8
97.5°	59.3	61.4	63.5	64.6	63.7	61.0	55.3	49.8	44.2	38.8	34.8
100°	59.7	61.9	63.7	64.0	62.6	59.6	54.2	48.7	43.3	38.0	33.9
102.5°	60.0	62.4	64.0	63.6	61.7	58.4	53.3	47.8	42.6	37.5	33.2
105°	60.2	62.7	64.2	63.4	60.9	57.4	52.5	47.1	42.1	37.1	32.6
107.5°	60.3	63.0	64.6	63.6	60.5	56.7	51.9	46.4	41.6	36.6	31.6
110°	60.3	63.2	65.1	64.1	59.9	55.4	50.3	44.6	39.6	34.9	30.3



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	58.8	60.9	62.2	60.8	56.5	52.3	47.7	42.5	37.6	33.2	29.0
115°	56.0	57.2	58.4	57.0	53.2	49.1	44.9	40.3	35.6	31.4	27.6
117.5°	53.6	53.9	54.3	53.0	49.9	46.0	42.0	38.1	33.6	29.6	25.9
120°	51.6	51.0	50.6	49.3	46.6	42.8	39.1	35.5	31.6	27.8	24.2
122.5°	50.1	48.4	47.2	45.8	43.2	39.7	36.2	32.8	29.5	25.9	22.4
125°	48.7	46.3	44.2	42.5	39.8	36.6	33.2	29.9	26.9	23.8	20.6
127.5°	47.7	44.6	41.8	39.4	36.7	33.5	30.3	27.1	24.1	22.4	20.4
130°	46.9	43.5	40.1	36.9	33.9	30.5	27.8	25.6	23.5	21.8	20.2
132.5°	46.6	42.8	38.9	35.0	32.1	29.4	26.8	24.7	22.8	21.0	19.6
135°	44.8	40.8	37.2	33.7	30.7	28.3	25.9	23.7	22.0	20.3	18.8
137.5°	42.2	38.4	35.3	32.2	29.2	26.9	24.9	22.7	20.9	19.4	18.0
140°	39.4	36.1	33.1	30.5	27.8	25.3	23.5	21.7	19.9	18.3	17.0
142.5°	36.2	33.5	30.7	28.4	26.2	23.9	21.9	20.4	18.9	17.2	15.8
145°	32.8	30.6	28.2	26.0	24.1	22.3	20.4	18.7	17.4	16.2	14.7
147.5°	29.0	27.3	25.4	23.4	21.6	20.2	18.6	17.0	15.6	14.5	13.5
150°	25.0	23.6	22.2	20.6	18.9	17.5	16.4	15.2	13.9	12.6	11.7
152.5°	20.6	19.5	18.4	17.3	16.0	14.7	13.5	12.7	12.3	11.6	11.0
155°	15.9	15.1	14.3	13.5	13.2	12.7	12.1	11.5	11.1	10.7	10.3
157.5°	12.8	12.6	12.3	12.1	11.8	11.6	11.2	10.7	10.1	9.6	9.2
160°	11.5	11.2	11.0	10.7	10.5	10.2	10.0	9.7	9.3	8.8	8.4
162.5°	10.3	10.0	9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.9	7.5
165°	9.0	8.7	8.4	8.1	7.9	7.6	7.4	7.2	7.0	6.7	6.4
167.5°	7.6	7.4	7.2	7.0	6.7	6.5	6.2	6.0	5.8	5.6	5.3
170°	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3
172.5°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4
175°	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
177.5°	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	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: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.5
5°	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.2	1.1	1.0
7.5°	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.8	1.6	1.4
10°	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.6	2.3	2.1	1.8
12.5°	5.1	4.9	4.6	4.3	4.1	3.8	3.5	3.2	2.9	2.6	2.3
15°	6.2	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.4	3.0	2.6
17.5°	7.2	6.7	6.3	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.1
20°	7.9	7.4	7.1	6.7	6.2	5.8	5.4	4.9	4.4	3.9	3.4
22.5°	8.8	8.4	8.0	7.4	6.8	6.3	5.8	5.3	4.8	4.3	3.8
25°	9.7	9.1	8.5	7.9	7.4	6.9	6.4	5.9	5.3	4.7	4.1
27.5°	10.3	9.8	9.3	8.8	8.2	7.5	6.8	6.2	5.6	5.0	4.4
30°	11.3	10.8	10.0	9.3	8.5	7.9	7.4	6.8	6.1	5.5	4.9
32.5°	12.3	11.2	10.5	9.9	9.3	8.7	8.1	7.4	6.8	6.1	5.4
35°	13.4	12.4	11.5	10.8	10.2	9.5	8.8	8.1	7.4	6.6	5.9
37.5°	14.7	13.7	12.7	11.9	11.1	10.4	9.6	8.9	8.1	7.3	6.4
40°	15.8	14.7	13.7	12.9	12.0	11.2	10.4	9.6	8.8	7.9	6.9
42.5°	16.7	15.6	14.6	13.6	12.7	11.9	11.3	10.4	9.2	8.1	7.1
45°	17.6	16.4	15.2	14.1	13.2	12.3	11.4	10.5	9.6	8.6	7.7
47.5°	18.2	16.8	15.5	14.3	13.2	12.2	11.4	10.8	10.2	9.0	7.8
50°	18.5	16.9	15.4	14.2	13.1	12.3	11.5	10.6	9.9	9.0	7.8
52.5°	18.5	16.7	15.4	14.1	13.1	12.1	11.1	10.3	9.5	9.0	8.3
55°	18.3	16.7	15.3	14.1	12.9	11.8	10.9	10.2	9.6	9.1	8.4
57.5°	19.4	16.8	15.1	13.7	12.5	11.7	10.9	10.3	9.5	8.7	8.0
60°	21.1	18.3	15.7	13.4	12.5	11.7	10.9	10.1	9.3	8.5	7.7
62.5°	22.6	19.5	16.9	14.7	12.9	11.7	10.8	9.9	9.1	8.2	7.3
65°	23.9	20.8	18.1	15.8	14.0	12.2	10.7	9.8	8.9	8.0	7.1
67.5°	25.1	22.1	19.1	16.9	14.8	12.9	11.3	9.9	8.8	7.9	6.9
70°	26.6	23.2	20.2	17.8	15.4	13.5	11.7	10.2	8.9	7.8	6.5
72.5°	28.0	24.1	21.3	18.5	16.0	13.9	12.0	10.3	9.0	7.5	6.0
75°	29.1	25.1	22.4	19.1	16.6	14.3	12.1	10.4	8.8	7.0	5.3
77.5°	29.4	25.7	22.8	19.7	17.1	14.5	12.1	10.5	8.4	6.4	4.9
80°	29.8	26.2	23.1	20.0	17.2	14.6	12.3	10.4	8.0	5.9	4.6
82.5°	30.4	26.8	23.6	20.4	17.5	14.7	12.3	10.1	7.6	5.7	3.8
85°	31.2	27.6	24.3	20.9	17.8	14.9	12.3	9.9	7.3	5.2	3.1
87.5°	32.2	28.4	25.1	21.5	18.4	15.3	12.4	10.0	7.1	4.9	2.6
90°	33.4	29.4	26.2	22.3	19.1	15.9	12.7	10.3	7.2	4.8	2.4
92.5°	32.2	28.4	25.1	21.5	18.4	15.3	12.4	10.0	7.1	4.9	2.6
95°	31.2	27.6	24.3	20.9	17.8	14.9	12.3	9.9	7.3	5.2	3.1
97.5°	30.4	26.8	23.6	20.4	17.5	14.7	12.3	10.1	7.6	5.7	3.8
100°	29.8	26.2	23.1	20.0	17.2	14.6	12.3	10.4	8.0	5.9	4.6
102.5°	29.4	25.7	22.8	19.7	17.1	14.5	12.1	10.5	8.4	6.4	4.9
105°	29.1	25.1	22.4	19.1	16.6	14.3	12.1	10.4	8.8	7.0	5.3
107.5°	28.0	24.1	21.3	18.5	16.0	13.9	12.0	10.3	9.0	7.5	6.0
110°	26.6	23.2	20.2	17.8	15.4	13.5	11.7	10.2	8.9	7.8	6.5



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	25.1	22.1	19.1	16.9	14.8	12.9	11.3	9.9	8.8	7.9	6.9
115°	23.9	20.8	18.1	15.8	14.0	12.2	10.7	9.8	8.9	8.0	7.1
117.5°	22.6	19.5	16.9	14.7	12.9	11.7	10.8	9.9	9.1	8.2	7.3
120°	21.1	18.3	15.7	13.4	12.5	11.7	10.9	10.1	9.3	8.5	7.7
122.5°	19.4	16.8	15.1	13.7	12.5	11.7	10.9	10.3	9.5	8.7	8.0
125°	18.3	16.7	15.3	14.1	12.9	11.8	10.9	10.2	9.6	9.1	8.4
127.5°	18.5	16.7	15.4	14.1	13.1	12.1	11.1	10.3	9.5	9.0	8.3
130°	18.5	16.9	15.4	14.2	13.1	12.3	11.5	10.6	9.9	9.0	7.8
132.5°	18.2	16.8	15.5	14.3	13.2	12.2	11.4	10.8	10.2	9.0	7.8
135°	17.6	16.4	15.2	14.1	13.2	12.3	11.4	10.5	9.6	8.6	7.7
137.5°	16.7	15.6	14.6	13.6	12.7	11.9	11.3	10.4	9.2	8.1	7.1
140°	15.8	14.7	13.7	12.9	12.0	11.2	10.4	9.6	8.8	7.9	6.9
142.5°	14.7	13.7	12.7	11.9	11.1	10.4	9.6	8.9	8.1	7.3	6.4
145°	13.4	12.4	11.5	10.8	10.2	9.5	8.8	8.1	7.4	6.6	5.9
147.5°	12.3	11.2	10.5	9.9	9.3	8.7	8.1	7.4	6.8	6.1	5.4
150°	11.3	10.8	10.0	9.3	8.5	7.9	7.4	6.8	6.1	5.5	4.9
152.5°	10.3	9.8	9.3	8.8	8.2	7.5	6.8	6.2	5.6	5.0	4.4
155°	9.7	9.1	8.5	7.9	7.4	6.9	6.4	5.9	5.3	4.7	4.1
157.5°	8.8	8.4	8.0	7.4	6.8	6.3	5.8	5.3	4.8	4.3	3.8
160°	7.9	7.4	7.1	6.7	6.2	5.8	5.4	4.9	4.4	3.9	3.4
162.5°	7.2	6.7	6.3	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.1
165°	6.2	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.4	3.0	2.6
167.5°	5.1	4.9	4.6	4.3	4.1	3.8	3.5	3.2	2.9	2.6	2.3
170°	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.6	2.3	2.1	1.8
172.5°	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.8	1.6	1.4
175°	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.2	1.1	1.0
177.5°	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.6	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: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.3
5°	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
12.5°	2.0	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
15°	2.3	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
17.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
20°	2.9	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
22.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
25°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
27.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
30°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
32.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
35°	5.1	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
37.5°	5.5	4.7	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
40°	5.9	4.9	3.9	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.9
42.5°	6.1	5.1	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.1
45°	6.5	5.4	4.3	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.3
47.5°	6.6	5.4	4.3	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.3
50°	6.6	5.6	4.5	3.4	2.3	1.2	0.0	1.2	2.3	3.4	4.5
52.5°	7.2	5.9	4.7	3.5	2.3	1.1	0.0	1.1	2.3	3.5	4.7
55°	7.2	5.9	4.7	3.5	2.3	1.1	0.0	1.1	2.3	3.5	4.7
57.5°	7.2	5.9	4.6	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.6
60°	6.9	5.8	4.5	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.5
62.5°	6.5	5.6	4.4	3.2	2.1	1.0	0.0	1.0	2.1	3.2	4.4
65°	6.1	5.2	4.2	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.2
67.5°	5.8	4.8	3.9	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.9
70°	5.3	4.2	3.3	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.3
72.5°	4.6	3.7	2.9	2.1	1.2	0.6	0.0	0.6	1.2	2.1	2.9
75°	4.3	3.3	2.2	1.5	0.8	0.4	0.0	0.4	0.8	1.5	2.2
77.5°	3.8	2.4	1.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.7
80°	2.8	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	2.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	2.8	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	3.8	2.4	1.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.7
105°	4.3	3.3	2.2	1.5	0.8	0.4	0.0	0.4	0.8	1.5	2.2
107.5°	4.6	3.7	2.9	2.1	1.2	0.6	0.0	0.6	1.2	2.1	2.9
110°	5.3	4.2	3.3	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.3



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	5.8	4.8	3.9	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.9
115°	6.1	5.2	4.2	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.2
117.5°	6.5	5.6	4.4	3.2	2.1	1.0	0.0	1.0	2.1	3.2	4.4
120°	6.9	5.8	4.5	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.5
122.5°	7.2	5.9	4.6	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.6
125°	7.2	5.9	4.7	3.5	2.3	1.1	0.0	1.1	2.3	3.5	4.7
127.5°	7.2	5.9	4.7	3.5	2.3	1.1	0.0	1.1	2.3	3.5	4.7
130°	6.6	5.6	4.5	3.4	2.3	1.2	0.0	1.2	2.3	3.4	4.5
132.5°	6.6	5.4	4.3	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.3
135°	6.5	5.4	4.3	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.3
137.5°	6.1	5.1	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.1
140°	5.9	4.9	3.9	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.9
142.5°	5.5	4.7	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
145°	5.1	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
147.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
150°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
152.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
155°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
157.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
160°	2.9	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
162.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
165°	2.3	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
167.5°	2.0	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
170°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
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	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
177.5°	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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	0.4	0.5	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.0
5°	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.9	2.0
7.5°	1.0	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.7	2.9
10°	1.3	1.6	1.8	2.1	2.3	2.6	2.8	3.0	3.2	3.5	3.7
12.5°	1.6	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.3	4.6
15°	1.9	2.3	2.6	3.0	3.4	3.8	4.2	4.5	4.9	5.2	5.6
17.5°	2.2	2.6	3.1	3.5	3.9	4.3	4.7	5.1	5.5	5.9	6.3
20°	2.4	2.9	3.4	3.9	4.4	4.9	5.4	5.8	6.2	6.7	7.1
22.5°	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.4	8.0
25°	2.9	3.5	4.1	4.7	5.3	5.9	6.4	6.9	7.4	7.9	8.5
27.5°	3.2	3.8	4.4	5.0	5.6	6.2	6.8	7.5	8.2	8.8	9.3
30°	3.5	4.2	4.9	5.5	6.1	6.8	7.4	7.9	8.5	9.3	10.0
32.5°	3.9	4.6	5.4	6.1	6.8	7.4	8.1	8.7	9.3	9.9	10.5
35°	4.3	5.1	5.9	6.6	7.4	8.1	8.8	9.5	10.2	10.8	11.5
37.5°	4.7	5.5	6.4	7.3	8.1	8.9	9.6	10.4	11.1	11.9	12.7
40°	4.9	5.9	6.9	7.9	8.8	9.6	10.4	11.2	12.0	12.9	13.7
42.5°	5.1	6.1	7.1	8.1	9.2	10.4	11.3	11.9	12.7	13.6	14.6
45°	5.4	6.5	7.7	8.6	9.6	10.5	11.4	12.3	13.2	14.1	15.2
47.5°	5.4	6.6	7.8	9.0	10.2	10.8	11.4	12.2	13.2	14.3	15.5
50°	5.6	6.6	7.8	9.0	9.9	10.6	11.5	12.3	13.1	14.2	15.4
52.5°	5.9	7.2	8.3	9.0	9.5	10.3	11.1	12.1	13.1	14.1	15.4
55°	5.9	7.2	8.4	9.1	9.6	10.2	10.9	11.8	12.9	14.1	15.3
57.5°	5.9	7.2	8.0	8.7	9.5	10.3	10.9	11.7	12.5	13.7	15.1
60°	5.8	6.9	7.7	8.5	9.3	10.1	10.9	11.7	12.5	13.4	15.7
62.5°	5.6	6.5	7.3	8.2	9.1	9.9	10.8	11.7	12.9	14.7	16.9
65°	5.2	6.1	7.1	8.0	8.9	9.8	10.7	12.2	14.0	15.8	18.1
67.5°	4.8	5.8	6.9	7.9	8.8	9.9	11.3	12.9	14.8	16.9	19.1
70°	4.2	5.3	6.5	7.8	8.9	10.2	11.7	13.5	15.4	17.8	20.2
72.5°	3.7	4.6	6.0	7.5	9.0	10.3	12.0	13.9	16.0	18.5	21.3
75°	3.3	4.3	5.3	7.0	8.8	10.4	12.1	14.3	16.6	19.1	22.4
77.5°	2.4	3.8	4.9	6.4	8.4	10.5	12.1	14.5	17.1	19.7	22.8
80°	1.8	2.8	4.6	5.9	8.0	10.4	12.3	14.6	17.2	20.0	23.1
82.5°	0.9	2.0	3.8	5.7	7.6	10.1	12.3	14.7	17.5	20.4	23.6
85°	0.3	1.3	3.1	5.2	7.3	9.9	12.3	14.9	17.8	20.9	24.3
87.5°	0.1	0.9	2.6	4.9	7.1	10.0	12.4	15.3	18.4	21.5	25.1
90°	0.0	0.8	2.4	4.8	7.2	10.3	12.7	15.9	19.1	22.3	26.2
92.5°	0.1	0.9	2.6	4.9	7.1	10.0	12.4	15.3	18.4	21.5	25.1
95°	0.3	1.3	3.1	5.2	7.3	9.9	12.3	14.9	17.8	20.9	24.3
97.5°	0.9	2.0	3.8	5.7	7.6	10.1	12.3	14.7	17.5	20.4	23.6
100°	1.8	2.8	4.6	5.9	8.0	10.4	12.3	14.6	17.2	20.0	23.1
102.5°	2.4	3.8	4.9	6.4	8.4	10.5	12.1	14.5	17.1	19.7	22.8
105°	3.3	4.3	5.3	7.0	8.8	10.4	12.1	14.3	16.6	19.1	22.4
107.5°	3.7	4.6	6.0	7.5	9.0	10.3	12.0	13.9	16.0	18.5	21.3
110°	4.2	5.3	6.5	7.8	8.9	10.2	11.7	13.5	15.4	17.8	20.2



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	4.8	5.8	6.9	7.9	8.8	9.9	11.3	12.9	14.8	16.9	19.1
115°	5.2	6.1	7.1	8.0	8.9	9.8	10.7	12.2	14.0	15.8	18.1
117.5°	5.6	6.5	7.3	8.2	9.1	9.9	10.8	11.7	12.9	14.7	16.9
120°	5.8	6.9	7.7	8.5	9.3	10.1	10.9	11.7	12.5	13.4	15.7
122.5°	5.9	7.2	8.0	8.7	9.5	10.3	10.9	11.7	12.5	13.7	15.1
125°	5.9	7.2	8.4	9.1	9.6	10.2	10.9	11.8	12.9	14.1	15.3
127.5°	5.9	7.2	8.3	9.0	9.5	10.3	11.1	12.1	13.1	14.1	15.4
130°	5.6	6.6	7.8	9.0	9.9	10.6	11.5	12.3	13.1	14.2	15.4
132.5°	5.4	6.6	7.8	9.0	10.2	10.8	11.4	12.2	13.2	14.3	15.5
135°	5.4	6.5	7.7	8.6	9.6	10.5	11.4	12.3	13.2	14.1	15.2
137.5°	5.1	6.1	7.1	8.1	9.2	10.4	11.3	11.9	12.7	13.6	14.6
140°	4.9	5.9	6.9	7.9	8.8	9.6	10.4	11.2	12.0	12.9	13.7
142.5°	4.7	5.5	6.4	7.3	8.1	8.9	9.6	10.4	11.1	11.9	12.7
145°	4.3	5.1	5.9	6.6	7.4	8.1	8.8	9.5	10.2	10.8	11.5
147.5°	3.9	4.6	5.4	6.1	6.8	7.4	8.1	8.7	9.3	9.9	10.5
150°	3.5	4.2	4.9	5.5	6.1	6.8	7.4	7.9	8.5	9.3	10.0
152.5°	3.2	3.8	4.4	5.0	5.6	6.2	6.8	7.5	8.2	8.8	9.3
155°	2.9	3.5	4.1	4.7	5.3	5.9	6.4	6.9	7.4	7.9	8.5
157.5°	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.4	8.0
160°	2.4	2.9	3.4	3.9	4.4	4.9	5.4	5.8	6.2	6.7	7.1
162.5°	2.2	2.6	3.1	3.5	3.9	4.3	4.7	5.1	5.5	5.9	6.3
165°	1.9	2.3	2.6	3.0	3.4	3.8	4.2	4.5	4.9	5.2	5.6
167.5°	1.6	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.3	4.6
170°	1.3	1.6	1.8	2.1	2.3	2.6	2.8	3.0	3.2	3.5	3.7
172.5°	1.0	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.7	2.9
175°	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.9	2.0
177.5°	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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°	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6
5°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
7.5°	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.5
10°	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9
12.5°	4.9	5.1	5.3	5.6	5.8	6.0	6.2	6.5	6.7	7.0	7.2
15°	5.9	6.2	6.4	6.7	7.0	7.2	7.4	7.6	7.9	8.1	8.4
17.5°	6.7	7.2	7.5	7.9	8.1	8.4	8.7	8.9	9.2	9.4	9.6
20°	7.4	7.9	8.4	8.8	9.3	9.7	10.0	10.2	10.5	10.7	11.0
22.5°	8.4	8.8	9.2	9.6	10.1	10.7	11.2	11.6	11.8	12.1	12.3
25°	9.1	9.7	10.3	10.7	11.1	11.5	12.1	12.7	13.2	13.5	14.3
27.5°	9.8	10.3	11.0	11.6	12.3	12.7	13.5	14.7	16.0	17.3	18.4
30°	10.8	11.3	11.7	12.6	13.9	15.2	16.4	17.5	18.9	20.6	22.2
32.5°	11.2	12.3	13.5	14.5	15.6	17.0	18.6	20.2	21.6	23.4	25.4
35°	12.4	13.4	14.7	16.2	17.4	18.7	20.4	22.3	24.1	26.0	28.2
37.5°	13.7	14.7	15.8	17.2	18.9	20.4	21.9	23.9	26.2	28.4	30.7
40°	14.7	15.8	17.0	18.3	19.9	21.7	23.5	25.3	27.8	30.5	33.1
42.5°	15.6	16.7	18.0	19.4	20.9	22.7	24.9	26.9	29.2	32.2	35.3
45°	16.4	17.6	18.8	20.3	22.0	23.7	25.9	28.3	30.7	33.7	37.2
47.5°	16.8	18.2	19.6	21.0	22.8	24.7	26.8	29.4	32.1	35.0	38.9
50°	16.9	18.5	20.2	21.8	23.5	25.6	27.8	30.5	33.9	36.9	40.1
52.5°	16.7	18.5	20.4	22.4	24.1	27.1	30.3	33.5	36.7	39.4	41.8
55°	16.7	18.3	20.6	23.8	26.9	29.9	33.2	36.6	39.8	42.5	44.2
57.5°	16.8	19.4	22.4	25.9	29.5	32.8	36.2	39.7	43.2	45.8	47.2
60°	18.3	21.1	24.2	27.8	31.6	35.5	39.1	42.8	46.6	49.3	50.6
62.5°	19.5	22.6	25.9	29.6	33.6	38.1	42.0	46.0	49.9	53.0	54.3
65°	20.8	23.9	27.6	31.4	35.6	40.3	44.9	49.1	53.2	57.0	58.4
67.5°	22.1	25.1	29.0	33.2	37.6	42.5	47.7	52.3	56.5	60.8	62.2
70°	23.2	26.6	30.3	34.9	39.6	44.6	50.3	55.4	59.9	64.1	65.1
72.5°	24.1	28.0	31.6	36.6	41.6	46.4	51.9	56.7	60.5	63.6	64.6
75°	25.1	29.1	32.6	37.1	42.1	47.1	52.5	57.4	60.9	63.4	64.2
77.5°	25.7	29.4	33.2	37.5	42.6	47.8	53.3	58.4	61.7	63.6	64.0
80°	26.2	29.8	33.9	38.0	43.3	48.7	54.2	59.6	62.6	64.0	63.7
82.5°	26.8	30.4	34.8	38.8	44.2	49.8	55.3	61.0	63.7	64.6	63.5
85°	27.6	31.2	35.8	39.7	45.1	51.0	56.5	62.6	65.0	65.3	63.3
87.5°	28.4	32.2	36.9	40.8	46.3	52.4	58.0	64.2	66.3	66.1	63.1
90°	29.4	33.4	38.2	42.1	47.7	54.0	59.6	66.0	67.6	66.8	62.8
92.5°	28.4	32.2	36.9	40.8	46.3	52.4	58.0	64.2	66.3	66.1	63.1
95°	27.6	31.2	35.8	39.7	45.1	51.0	56.5	62.6	65.0	65.3	63.3
97.5°	26.8	30.4	34.8	38.8	44.2	49.8	55.3	61.0	63.7	64.6	63.5
100°	26.2	29.8	33.9	38.0	43.3	48.7	54.2	59.6	62.6	64.0	63.7
102.5°	25.7	29.4	33.2	37.5	42.6	47.8	53.3	58.4	61.7	63.6	64.0
105°	25.1	29.1	32.6	37.1	42.1	47.1	52.5	57.4	60.9	63.4	64.2
107.5°	24.1	28.0	31.6	36.6	41.6	46.4	51.9	56.7	60.5	63.6	64.6
110°	23.2	26.6	30.3	34.9	39.6	44.6	50.3	55.4	59.9	64.1	65.1



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	22.1	25.1	29.0	33.2	37.6	42.5	47.7	52.3	56.5	60.8	62.2
115°	20.8	23.9	27.6	31.4	35.6	40.3	44.9	49.1	53.2	57.0	58.4
117.5°	19.5	22.6	25.9	29.6	33.6	38.1	42.0	46.0	49.9	53.0	54.3
120°	18.3	21.1	24.2	27.8	31.6	35.5	39.1	42.8	46.6	49.3	50.6
122.5°	16.8	19.4	22.4	25.9	29.5	32.8	36.2	39.7	43.2	45.8	47.2
125°	16.7	18.3	20.6	23.8	26.9	29.9	33.2	36.6	39.8	42.5	44.2
127.5°	16.7	18.5	20.4	22.4	24.1	27.1	30.3	33.5	36.7	39.4	41.8
130°	16.9	18.5	20.2	21.8	23.5	25.6	27.8	30.5	33.9	36.9	40.1
132.5°	16.8	18.2	19.6	21.0	22.8	24.7	26.8	29.4	32.1	35.0	38.9
135°	16.4	17.6	18.8	20.3	22.0	23.7	25.9	28.3	30.7	33.7	37.2
137.5°	15.6	16.7	18.0	19.4	20.9	22.7	24.9	26.9	29.2	32.2	35.3
140°	14.7	15.8	17.0	18.3	19.9	21.7	23.5	25.3	27.8	30.5	33.1
142.5°	13.7	14.7	15.8	17.2	18.9	20.4	21.9	23.9	26.2	28.4	30.7
145°	12.4	13.4	14.7	16.2	17.4	18.7	20.4	22.3	24.1	26.0	28.2
147.5°	11.2	12.3	13.5	14.5	15.6	17.0	18.6	20.2	21.6	23.4	25.4
150°	10.8	11.3	11.7	12.6	13.9	15.2	16.4	17.5	18.9	20.6	22.2
152.5°	9.8	10.3	11.0	11.6	12.3	12.7	13.5	14.7	16.0	17.3	18.4
155°	9.1	9.7	10.3	10.7	11.1	11.5	12.1	12.7	13.2	13.5	14.3
157.5°	8.4	8.8	9.2	9.6	10.1	10.7	11.2	11.6	11.8	12.1	12.3
160°	7.4	7.9	8.4	8.8	9.3	9.7	10.0	10.2	10.5	10.7	11.0
162.5°	6.7	7.2	7.5	7.9	8.1	8.4	8.7	8.9	9.2	9.4	9.6
165°	5.9	6.2	6.4	6.7	7.0	7.2	7.4	7.6	7.9	8.1	8.4
167.5°	4.9	5.1	5.3	5.6	5.8	6.0	6.2	6.5	6.7	7.0	7.2
170°	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9
172.5°	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.5
175°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
177.5°	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6
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: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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°	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	2.1
5°	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.7	4.2
7.5°	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	6.3
10°	6.0	6.2	6.3	6.5	6.7	6.8	7.0	7.1	7.3	7.4	8.4
12.5°	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.9	9.1	9.3	10.5
15°	8.7	9.0	9.2	9.5	9.7	9.9	10.2	10.5	10.8	11.1	12.5
17.5°	10.0	10.3	10.6	10.9	11.2	11.5	11.8	12.2	12.6	13.0	14.5
20°	11.2	11.5	11.9	12.3	12.6	13.0	13.3	13.8	14.3	14.8	16.5
22.5°	12.6	12.8	13.2	13.6	14.1	14.5	14.9	15.4	16.1	16.7	18.5
25°	15.1	15.9	16.7	17.6	18.3	19.0	19.5	20.1	20.8	21.4	23.3
27.5°	19.5	20.6	21.6	22.6	23.4	24.0	24.5	24.9	25.5	26.1	28.1
30°	23.6	25.0	26.3	27.6	28.4	29.1	29.5	29.7	30.3	30.7	32.8
32.5°	27.3	29.0	30.8	32.4	33.5	34.3	34.6	34.7	35.1	35.4	37.6
35°	30.6	32.8	35.0	37.0	38.7	39.4	39.7	39.7	39.9	40.1	42.3
37.5°	33.5	36.2	38.9	41.4	43.9	44.6	44.9	44.7	44.7	44.8	47.0
40°	36.1	39.4	42.5	45.6	48.5	49.8	50.2	49.8	49.6	49.4	51.7
42.5°	38.4	42.2	45.9	49.8	53.0	55.0	55.5	54.9	54.4	54.1	56.4
45°	40.8	44.8	49.1	53.4	57.3	60.3	60.7	60.0	59.3	58.8	61.0
47.5°	42.8	46.6	50.8	54.9	58.8	62.3	62.9	63.1	63.4	64.2	68.0
50°	43.5	46.9	51.1	55.2	59.2	63.2	64.7	65.9	67.3	69.6	75.2
52.5°	44.6	47.7	51.5	55.6	59.6	63.8	66.4	68.5	71.1	75.0	82.5
55°	46.3	48.7	52.0	56.2	60.0	64.5	67.9	71.0	74.9	80.4	89.9
57.5°	48.4	50.1	52.6	56.8	60.6	65.1	69.3	73.4	78.6	85.7	97.3
60°	51.0	51.6	53.6	57.5	61.2	65.8	70.6	75.7	82.1	91.1	104.9
62.5°	53.9	53.6	54.9	58.4	62.0	66.4	71.8	77.8	85.7	96.5	112.5
65°	57.2	56.0	56.4	59.3	62.9	67.1	73.0	79.9	89.2	101.9	120.1
67.5°	60.9	58.8	58.1	60.3	63.8	67.8	74.0	81.9	92.6	107.3	127.8
70°	63.2	60.3	58.8	60.2	63.6	67.4	73.4	81.3	91.9	106.9	127.7
72.5°	63.0	60.3	58.7	59.8	63.1	66.9	72.6	80.6	91.3	106.6	127.4
75°	62.7	60.2	58.6	59.5	62.7	66.5	71.9	80.0	90.6	106.2	127.7
77.5°	62.4	60.0	58.5	59.2	62.2	66.1	71.2	79.4	90.0	105.9	127.1
80°	61.9	59.7	58.4	59.1	61.8	65.8	70.5	78.9	89.4	105.5	126.5
82.5°	61.4	59.3	58.3	58.9	61.4	65.6	69.9	78.4	88.9	105.2	125.9
85°	60.9	58.9	58.2	58.9	61.0	65.4	69.4	77.9	88.4	104.8	125.2
87.5°	60.3	58.5	58.1	58.8	60.7	65.3	68.9	77.5	87.9	104.5	124.6
90°	59.6	58.0	58.0	58.8	60.4	65.2	68.4	77.1	87.4	104.1	124.0
92.5°	60.3	58.5	58.1	58.8	60.7	65.3	68.9	77.5	87.9	104.5	124.6
95°	60.9	58.9	58.2	58.9	61.0	65.4	69.4	77.9	88.4	104.8	125.2
97.5°	61.4	59.3	58.3	58.9	61.4	65.6	69.9	78.4	88.9	105.2	125.9
100°	61.9	59.7	58.4	59.1	61.8	65.8	70.5	78.9	89.4	105.5	126.5
102.5°	62.4	60.0	58.5	59.2	62.2	66.1	71.2	79.4	90.0	105.9	127.1
105°	62.7	60.2	58.6	59.5	62.7	66.5	71.9	80.0	90.6	106.2	127.7
107.5°	63.0	60.3	58.7	59.8	63.1	66.9	72.6	80.6	91.3	106.6	127.4
110°	63.2	60.3	58.8	60.2	63.6	67.4	73.4	81.3	91.9	106.9	127.7



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	60.9	58.8	58.1	60.3	63.8	67.8	74.0	81.9	92.6	107.3	127.8
115°	57.2	56.0	56.4	59.3	62.9	67.1	73.0	79.9	89.2	101.9	120.1
117.5°	53.9	53.6	54.9	58.4	62.0	66.4	71.8	77.8	85.7	96.5	112.5
120°	51.0	51.6	53.6	57.5	61.2	65.8	70.6	75.7	82.1	91.1	104.9
122.5°	48.4	50.1	52.6	56.8	60.6	65.1	69.3	73.4	78.6	85.7	97.3
125°	46.3	48.7	52.0	56.2	60.0	64.5	67.9	71.0	74.9	80.4	89.9
127.5°	44.6	47.7	51.5	55.6	59.6	63.8	66.4	68.5	71.1	75.0	82.5
130°	43.5	46.9	51.1	55.2	59.2	63.2	64.7	65.9	67.3	69.6	75.2
132.5°	42.8	46.6	50.8	54.9	58.8	62.3	62.9	63.1	63.4	64.2	68.0
135°	40.8	44.8	49.1	53.4	57.3	60.3	60.7	60.0	59.3	58.8	61.0
137.5°	38.4	42.2	45.9	49.8	53.0	55.0	55.5	54.9	54.4	54.1	56.4
140°	36.1	39.4	42.5	45.6	48.5	49.8	50.2	49.8	49.6	49.4	51.7
142.5°	33.5	36.2	38.9	41.4	43.9	44.6	44.9	44.7	44.7	44.8	47.0
145°	30.6	32.8	35.0	37.0	38.7	39.4	39.7	39.7	39.9	40.1	42.3
147.5°	27.3	29.0	30.8	32.4	33.5	34.3	34.6	34.7	35.1	35.4	37.6
150°	23.6	25.0	26.3	27.6	28.4	29.1	29.5	29.7	30.3	30.7	32.8
152.5°	19.5	20.6	21.6	22.6	23.4	24.0	24.5	24.9	25.5	26.1	28.1
155°	15.1	15.9	16.7	17.6	18.3	19.0	19.5	20.1	20.8	21.4	23.3
157.5°	12.6	12.8	13.2	13.6	14.1	14.5	14.9	15.4	16.1	16.7	18.5
160°	11.2	11.5	11.9	12.3	12.6	13.0	13.3	13.8	14.3	14.8	16.5
162.5°	10.0	10.3	10.6	10.9	11.2	11.5	11.8	12.2	12.6	13.0	14.5
165°	8.7	9.0	9.2	9.5	9.7	9.9	10.2	10.5	10.8	11.1	12.5
167.5°	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.9	9.1	9.3	10.5
170°	6.0	6.2	6.3	6.5	6.7	6.8	7.0	7.1	7.3	7.4	8.4
172.5°	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	6.3
175°	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.7	4.2
177.5°	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	2.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.7
5°	4.7	5.3	5.8	6.2	6.7	7.2	7.6	8.1	8.5	8.9	9.3
7.5°	7.1	7.8	8.5	9.2	9.9	10.6	11.3	12.2	13.1	13.9	14.7
10°	9.4	10.3	11.3	12.2	13.1	14.3	15.5	16.7	17.8	18.9	20.0
12.5°	11.6	12.8	13.9	15.1	16.6	18.1	19.5	20.9	22.1	23.1	24.1
15°	13.9	15.2	16.5	18.3	20.0	21.7	23.3	24.7	26.0	27.3	28.7
17.5°	16.0	17.5	19.3	21.3	23.2	25.0	26.8	28.5	30.1	31.8	33.5
20°	18.2	19.9	22.0	24.1	26.2	28.4	30.4	32.4	34.6	36.7	38.7
22.5°	20.3	22.3	24.6	26.9	29.4	31.8	34.2	36.8	39.3	41.7	43.7
25°	25.1	27.3	29.6	31.9	34.4	36.9	39.5	42.0	44.4	46.5	48.8
27.5°	30.0	32.4	34.7	37.4	40.2	42.9	45.7	48.4	50.7	53.0	55.4
30°	34.8	37.4	39.9	42.9	46.0	48.8	51.8	54.5	57.0	59.5	62.0
32.5°	39.7	42.3	45.1	48.3	51.5	54.6	57.6	60.5	63.1	65.7	67.5
35°	44.6	47.2	50.2	53.7	57.0	60.4	63.3	66.3	68.9	71.1	72.3
37.5°	49.3	52.0	55.4	59.0	62.3	65.7	69.0	71.8	74.5	75.6	76.7
40°	54.1	56.8	60.5	64.1	67.6	71.1	74.5	76.9	78.8	80.0	80.1
42.5°	58.8	61.5	65.5	69.2	72.7	76.4	79.4	81.8	83.0	83.5	83.3
45°	63.5	66.3	70.4	74.1	77.8	81.7	84.1	85.9	87.0	86.7	86.9
47.5°	72.0	76.3	81.4	84.8	87.7	90.1	90.8	90.5	90.2	89.6	90.5
50°	80.9	87.1	93.8	97.9	100.8	102.4	102.5	101.7	99.5	97.4	96.3
52.5°	90.1	98.3	106.3	111.1	113.7	114.4	113.8	112.4	109.4	107.5	106.8
55°	99.4	109.7	118.9	124.2	126.4	126.0	124.8	122.5	119.3	117.2	117.2
57.5°	108.9	121.4	131.6	137.0	138.8	137.5	135.6	132.5	129.1	127.1	127.6
60°	118.5	133.3	144.4	149.7	150.6	148.7	146.2	142.3	138.7	137.4	138.2
62.5°	128.3	145.4	157.3	162.3	162.2	159.6	156.6	152.0	148.0	147.5	148.7
65°	138.2	157.6	170.2	174.7	173.7	170.5	166.6	161.6	157.1	157.7	159.0
67.5°	148.1	170.0	183.2	187.0	185.1	181.2	176.6	171.2	167.1	167.8	169.3
70°	148.4	171.2	185.9	191.5	191.0	188.0	183.9	179.1	176.4	177.7	180.5
72.5°	148.2	171.4	187.2	194.5	195.2	192.5	188.9	184.9	183.2	184.6	188.7
75°	148.0	171.5	188.6	197.7	199.7	197.1	194.2	191.1	189.8	191.4	196.2
77.5°	147.6	171.5	190.1	201.1	204.3	201.8	199.6	197.4	196.2	198.3	203.5
80°	147.9	171.4	191.5	204.6	209.2	206.5	205.3	204.0	202.5	205.1	210.4
82.5°	147.1	171.7	193.6	208.2	214.1	211.2	211.1	210.7	208.8	212.0	217.1
85°	146.3	170.9	194.5	212.1	219.2	215.9	217.1	217.5	214.9	218.8	223.6
87.5°	145.5	170.1	195.4	215.3	224.1	220.8	223.0	224.4	221.1	225.5	230.0
90°	144.7	169.3	196.3	218.6	228.9	225.7	228.9	231.3	227.3	232.1	236.1
92.5°	145.5	170.1	195.4	215.3	224.1	220.8	223.0	224.4	221.1	225.5	230.0
95°	146.3	170.9	194.5	212.1	219.2	215.9	217.1	217.5	214.9	218.8	223.6
97.5°	147.1	171.7	193.6	208.2	214.1	211.2	211.1	210.7	208.8	212.0	217.1
100°	147.9	171.4	191.5	204.6	209.2	206.5	205.3	204.0	202.5	205.1	210.4
102.5°	147.6	171.5	190.1	201.1	204.3	201.8	199.6	197.4	196.2	198.3	203.5
105°	148.0	171.5	188.6	197.7	199.7	197.1	194.2	191.1	189.8	191.4	196.2
107.5°	148.2	171.4	187.2	194.5	195.2	192.5	188.9	184.9	183.2	184.6	188.7
110°	148.4	171.2	185.9	191.5	191.0	188.0	183.9	179.1	176.4	177.7	180.5



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	148.1	170.0	183.2	187.0	185.1	181.2	176.6	171.2	167.1	167.8	169.3
115°	138.2	157.6	170.2	174.7	173.7	170.5	166.6	161.6	157.1	157.7	159.0
117.5°	128.3	145.4	157.3	162.3	162.2	159.6	156.6	152.0	148.0	147.5	148.7
120°	118.5	133.3	144.4	149.7	150.6	148.7	146.2	142.3	138.7	137.4	138.2
122.5°	108.9	121.4	131.6	137.0	138.8	137.5	135.6	132.5	129.1	127.1	127.6
125°	99.4	109.7	118.9	124.2	126.4	126.0	124.8	122.5	119.3	117.2	117.2
127.5°	90.1	98.3	106.3	111.1	113.7	114.4	113.8	112.4	109.4	107.5	106.8
130°	80.9	87.1	93.8	97.9	100.8	102.4	102.5	101.7	99.5	97.4	96.3
132.5°	72.0	76.3	81.4	84.8	87.7	90.1	90.8	90.5	90.2	89.6	90.5
135°	63.5	66.3	70.4	74.1	77.8	81.7	84.1	85.9	87.0	86.7	86.9
137.5°	58.8	61.5	65.5	69.2	72.7	76.4	79.4	81.8	83.0	83.5	83.3
140°	54.1	56.8	60.5	64.1	67.6	71.1	74.5	76.9	78.8	80.0	80.1
142.5°	49.3	52.0	55.4	59.0	62.3	65.7	69.0	71.8	74.5	75.6	76.7
145°	44.6	47.2	50.2	53.7	57.0	60.4	63.3	66.3	68.9	71.1	72.3
147.5°	39.7	42.3	45.1	48.3	51.5	54.6	57.6	60.5	63.1	65.7	67.5
150°	34.8	37.4	39.9	42.9	46.0	48.8	51.8	54.5	57.0	59.5	62.0
152.5°	30.0	32.4	34.7	37.4	40.2	42.9	45.7	48.4	50.7	53.0	55.4
155°	25.1	27.3	29.6	31.9	34.4	36.9	39.5	42.0	44.4	46.5	48.8
157.5°	20.3	22.3	24.6	26.9	29.4	31.8	34.2	36.8	39.3	41.7	43.7
160°	18.2	19.9	22.0	24.1	26.2	28.4	30.4	32.4	34.6	36.7	38.7
162.5°	16.0	17.5	19.3	21.3	23.2	25.0	26.8	28.5	30.1	31.8	33.5
165°	13.9	15.2	16.5	18.3	20.0	21.7	23.3	24.7	26.0	27.3	28.7
167.5°	11.6	12.8	13.9	15.1	16.6	18.1	19.5	20.9	22.1	23.1	24.1
170°	9.4	10.3	11.3	12.2	13.1	14.3	15.5	16.7	17.8	18.9	20.0
172.5°	7.1	7.8	8.5	9.2	9.9	10.6	11.3	12.2	13.1	13.9	14.7
175°	4.7	5.3	5.8	6.2	6.7	7.2	7.6	8.1	8.5	8.9	9.3
177.5°	2.4	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5	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: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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°	4.9	5.1	5.3	5.4	5.6	5.7	5.9	6.0	6.1	6.2	6.3
5°	9.8	10.4	10.9	11.3	11.8	12.2	12.6	13.0	13.4	13.7	14.0
7.5°	15.5	16.3	17.0	17.7	18.4	18.7	19.1	19.4	19.7	19.9	20.1
10°	20.7	21.4	22.0	22.6	23.2	23.7	24.1	24.6	25.1	25.6	26.0
12.5°	25.1	25.9	26.8	27.8	28.7	29.5	30.3	31.0	31.6	32.1	32.4
15°	29.9	31.2	32.4	33.6	34.7	35.5	36.2	36.8	37.4	37.8	38.2
17.5°	35.2	36.9	38.0	39.1	40.2	41.1	42.0	42.8	43.5	44.1	44.5
20°	40.4	42.0	43.4	44.8	46.1	47.3	48.4	49.2	49.9	50.4	50.9
22.5°	45.6	47.4	49.3	51.0	52.6	53.4	54.3	55.1	55.9	56.8	57.7
25°	51.2	53.4	55.8	56.7	57.8	58.8	59.7	60.7	61.7	62.8	63.9
27.5°	57.7	59.5	60.5	61.7	62.5	63.3	64.4	65.4	66.6	67.9	69.3
30°	63.7	64.8	65.7	66.0	66.3	67.0	68.1	69.4	71.0	72.7	74.5
32.5°	68.7	69.5	69.8	70.1	70.8	71.4	72.3	73.3	75.5	78.7	81.9
35°	73.1	73.3	73.8	74.5	75.4	76.5	77.5	80.1	82.5	86.3	91.2
37.5°	76.8	77.1	78.0	79.0	80.3	82.2	85.1	88.3	92.7	97.3	102.8
40°	80.2	81.1	82.3	83.8	86.2	89.2	93.6	98.6	104.8	111.8	119.0
42.5°	84.1	85.2	86.9	89.3	92.6	97.8	103.4	111.4	119.9	129.0	138.4
45°	87.8	89.6	91.9	95.3	100.8	107.0	116.1	125.5	136.5	147.8	159.9
47.5°	91.9	93.9	97.4	102.6	109.4	119.1	129.6	141.7	154.6	168.1	182.7
50°	96.4	99.0	103.3	110.6	120.3	131.4	144.4	158.6	174.2	190.1	206.9
52.5°	107.1	108.6	113.0	119.8	131.8	144.9	159.9	176.6	194.1	213.0	233.2
55°	118.2	120.8	126.8	135.2	146.0	158.9	175.4	194.7	215.0	236.7	260.3
57.5°	129.1	133.7	140.8	150.0	162.0	176.9	194.1	213.5	236.1	261.3	286.8
60°	140.2	146.2	154.3	164.7	177.9	193.9	213.2	234.6	258.5	284.8	310.2
62.5°	152.3	158.9	167.0	178.2	193.0	211.0	231.5	254.2	280.2	305.3	333.0
65°	164.1	170.9	179.7	191.6	207.2	226.4	248.3	272.6	297.7	324.0	354.5
67.5°	175.6	182.1	191.2	204.3	221.2	241.1	263.5	287.9	312.4	341.7	377.5
70°	186.7	192.7	201.8	215.9	233.7	254.4	276.8	300.2	326.1	357.6	398.2
72.5°	195.3	202.4	212.3	226.8	244.9	266.9	287.5	310.1	337.8	372.7	416.4
75°	202.9	210.8	221.3	235.3	253.1	274.0	295.3	318.3	346.8	383.9	432.7
77.5°	210.4	219.0	229.2	242.0	259.1	278.9	299.7	324.2	355.9	396.0	445.2
80°	217.8	226.8	236.1	247.4	263.6	282.4	302.6	328.6	363.4	408.5	458.8
82.5°	225.1	234.4	242.3	251.7	266.9	284.7	304.0	331.4	369.2	418.0	469.3
85°	232.1	241.6	247.7	255.0	269.1	285.8	304.1	332.7	373.1	424.4	476.7
87.5°	239.1	248.6	252.8	257.7	270.6	286.3	303.6	333.2	376.1	429.3	482.4
90°	245.6	255.1	257.5	259.9	271.0	285.3	301.2	330.6	374.4	427.6	480.9
92.5°	239.1	248.6	252.8	257.7	270.6	286.3	303.6	333.2	376.1	429.3	482.4
95°	232.1	241.6	247.7	255.0	269.1	285.8	304.1	332.7	373.1	424.4	476.7
97.5°	225.1	234.4	242.3	251.7	266.9	284.7	304.0	331.4	369.2	418.0	469.3
100°	217.8	226.8	236.1	247.4	263.6	282.4	302.6	328.6	363.4	408.5	458.8
102.5°	210.4	219.0	229.2	242.0	259.1	278.9	299.7	324.2	355.9	396.0	445.2
105°	202.9	210.8	221.3	235.3	253.1	274.0	295.3	318.3	346.8	383.9	432.7
107.5°	195.3	202.4	212.3	226.8	244.9	266.9	287.5	310.1	337.8	372.7	416.4
110°	186.7	192.7	201.8	215.9	233.7	254.4	276.8	300.2	326.1	357.6	398.2



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	175.6	182.1	191.2	204.3	221.2	241.1	263.5	287.9	312.4	341.7	377.5
115°	164.1	170.9	179.7	191.6	207.2	226.4	248.3	272.6	297.7	324.0	354.5
117.5°	152.3	158.9	167.0	178.2	193.0	211.0	231.5	254.2	280.2	305.3	333.0
120°	140.2	146.2	154.3	164.7	177.9	193.9	213.2	234.6	258.5	284.8	310.2
122.5°	129.1	133.7	140.8	150.0	162.0	176.9	194.1	213.5	236.1	261.3	286.8
125°	118.2	120.8	126.8	135.2	146.0	158.9	175.4	194.7	215.0	236.7	260.3
127.5°	107.1	108.6	113.0	119.8	131.8	144.9	159.9	176.6	194.1	213.0	233.2
130°	96.4	99.0	103.3	110.6	120.3	131.4	144.4	158.6	174.2	190.1	206.9
132.5°	91.9	93.9	97.4	102.6	109.4	119.1	129.6	141.7	154.6	168.1	182.7
135°	87.8	89.6	91.9	95.3	100.8	107.0	116.1	125.5	136.5	147.8	159.9
137.5°	84.1	85.2	86.9	89.3	92.6	97.8	103.4	111.4	119.9	129.0	138.4
140°	80.2	81.1	82.3	83.8	86.2	89.2	93.6	98.6	104.8	111.8	119.0
142.5°	76.8	77.1	78.0	79.0	80.3	82.2	85.1	88.3	92.7	97.3	102.8
145°	73.1	73.3	73.8	74.5	75.4	76.5	77.5	80.1	82.5	86.3	91.2
147.5°	68.7	69.5	69.8	70.1	70.8	71.4	72.3	73.3	75.5	78.7	81.9
150°	63.7	64.8	65.7	66.0	66.3	67.0	68.1	69.4	71.0	72.7	74.5
152.5°	57.7	59.5	60.5	61.7	62.5	63.3	64.4	65.4	66.6	67.9	69.3
155°	51.2	53.4	55.8	56.7	57.8	58.8	59.7	60.7	61.7	62.8	63.9
157.5°	45.6	47.4	49.3	51.0	52.6	53.4	54.3	55.1	55.9	56.8	57.7
160°	40.4	42.0	43.4	44.8	46.1	47.3	48.4	49.2	49.9	50.4	50.9
162.5°	35.2	36.9	38.0	39.1	40.2	41.1	42.0	42.8	43.5	44.1	44.5
165°	29.9	31.2	32.4	33.6	34.7	35.5	36.2	36.8	37.4	37.8	38.2
167.5°	25.1	25.9	26.8	27.8	28.7	29.5	30.3	31.0	31.6	32.1	32.4
170°	20.7	21.4	22.0	22.6	23.2	23.7	24.1	24.6	25.1	25.6	26.0
172.5°	15.5	16.3	17.0	17.7	18.4	18.7	19.1	19.4	19.7	19.9	20.1
175°	9.8	10.4	10.9	11.3	11.8	12.2	12.6	13.0	13.4	13.7	14.0
177.5°	4.9	5.1	5.3	5.4	5.6	5.7	5.9	6.0	6.1	6.2	6.3
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: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-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°	6.4	6.5	6.5	6.6	6.6	6.6	6.8	6.8	6.7	6.6	6.5
5°	14.2	14.5	14.7	14.9	15.0	15.2	15.2	15.3	15.6	15.5	15.3
7.5°	20.3	20.5	20.6	20.7	20.7	20.7	20.7	20.6	20.6	20.6	20.3
10°	26.3	26.6	26.9	27.0	27.2	27.2	27.2	27.2	27.1	27.2	26.9
12.5°	32.7	32.9	33.0	33.1	33.1	33.0	32.9	32.7	32.5	32.2	31.9
15°	38.5	38.8	38.9	39.0	38.9	38.8	38.6	38.3	37.9	37.5	37.1
17.5°	44.9	45.1	45.4	45.5	45.5	45.5	45.4	45.2	44.9	44.6	44.3
20°	51.4	51.9	52.5	53.2	53.7	54.3	54.7	55.0	55.3	55.4	55.7
22.5°	58.7	59.7	60.6	61.3	62.1	62.7	63.3	63.8	64.2	64.4	64.9
25°	65.0	66.1	67.2	68.3	69.4	70.3	71.2	72.0	72.7	73.2	73.6
27.5°	70.7	72.2	73.6	75.4	77.4	79.3	80.9	82.4	83.8	84.8	85.7
30°	77.1	79.8	82.4	85.0	88.1	91.1	93.8	96.2	98.3	100.1	101.6
32.5°	85.4	89.7	93.7	97.6	101.9	106.3	110.3	113.8	116.9	119.5	121.5
35°	96.1	102.0	108.1	113.8	119.5	126.2	132.3	137.9	142.9	147.1	150.6
37.5°	110.1	117.6	126.4	134.9	143.0	150.8	157.8	164.0	169.4	173.9	177.5
40°	127.3	137.0	147.5	157.6	166.9	176.0	184.7	192.4	199.1	204.6	209.1
42.5°	148.7	158.8	170.3	182.7	194.1	204.9	215.7	225.0	232.9	239.3	244.2
45°	171.8	184.5	196.3	211.3	225.8	240.2	250.6	260.8	269.2	275.8	280.7
47.5°	197.1	212.9	228.7	244.3	260.5	275.0	288.8	301.6	312.3	320.8	327.1
50°	225.3	243.7	262.5	280.2	299.3	317.3	334.0	350.1	363.8	374.9	383.2
52.5°	254.5	275.7	297.4	319.0	342.4	365.5	385.8	408.4	427.1	441.7	452.2
55°	283.9	307.7	332.7	360.1	389.5	423.7	452.9	473.6	488.7	499.4	505.9
57.5°	311.6	339.3	368.9	406.1	446.7	479.2	510.6	527.4	538.3	546.5	551.7
60°	338.9	370.7	410.7	451.1	489.9	523.5	550.7	568.3	576.3	583.1	588.3
62.5°	364.6	405.1	447.7	490.2	527.1	558.5	580.3	596.1	605.7	612.9	617.5
65°	393.1	435.3	480.8	524.2	560.7	589.2	609.1	623.7	631.2	636.4	640.1
67.5°	419.4	465.2	512.8	557.7	594.3	619.6	635.9	644.6	650.8	657.2	661.1
70°	444.2	492.9	542.2	589.9	624.9	644.1	656.3	664.6	672.0	677.0	681.8
72.5°	465.6	515.9	566.9	612.9	645.2	663.4	672.9	681.5	689.0	693.1	697.9
75°	482.8	534.5	587.0	632.2	661.7	675.9	687.0	695.5	701.9	706.6	710.4
77.5°	495.5	548.5	606.3	649.1	672.6	686.5	697.7	706.0	711.9	717.1	721.7
80°	509.0	563.6	620.9	663.0	683.0	695.2	706.0	713.9	720.9	727.6	731.2
82.5°	520.6	578.1	633.6	670.5	688.8	701.5	712.8	720.4	727.9	732.9	738.1
85°	528.1	587.1	642.6	676.4	692.4	705.7	716.9	724.5	732.5	738.4	744.6
87.5°	533.4	590.7	647.3	680.5	694.7	707.2	719.1	725.9	735.0	740.2	747.8
90°	530.9	589.0	647.0	682.0	695.5	706.6	720.1	725.7	733.6	740.8	745.5
92.5°	533.4	590.7	647.3	680.5	694.7	707.2	719.1	725.9	735.0	740.2	747.8
95°	528.1	587.1	642.6	676.4	692.4	705.7	716.9	724.5	732.5	738.4	744.6
97.5°	520.6	578.1	633.6	670.5	688.8	701.5	712.8	720.4	727.9	732.9	738.1
100°	509.0	563.6	620.9	663.0	683.0	695.2	706.0	713.9	720.9	727.6	731.2
102.5°	495.5	548.5	606.3	649.1	672.6	686.5	697.7	706.0	711.9	717.1	721.7
105°	482.8	534.5	587.0	632.2	661.7	675.9	687.0	695.5	701.9	706.6	710.4
107.5°	465.6	515.9	566.9	612.9	645.2	663.4	672.9	681.5	689.0	693.1	697.9
110°	444.2	492.9	542.2	589.9	624.9	644.1	656.3	664.6	672.0	677.0	681.8



TEST NUMBER: P231877

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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°	419.4	465.2	512.8	557.7	594.3	619.6	635.9	644.6	650.8	657.2	661.1
115°	393.1	435.3	480.8	524.2	560.7	589.2	609.1	623.7	631.2	636.4	640.1
117.5°	364.6	405.1	447.7	490.2	527.1	558.5	580.3	596.1	605.7	612.9	617.5
120°	338.9	370.7	410.7	451.1	489.9	523.5	550.7	568.3	576.3	583.1	588.3
122.5°	311.6	339.3	368.9	406.1	446.7	479.2	510.6	527.4	538.3	546.5	551.7
125°	283.9	307.7	332.7	360.1	389.5	423.7	452.9	473.6	488.7	499.4	505.9
127.5°	254.5	275.7	297.4	319.0	342.4	365.5	385.8	408.4	427.1	441.7	452.2
130°	225.3	243.7	262.5	280.2	299.3	317.3	334.0	350.1	363.8	374.9	383.2
132.5°	197.1	212.9	228.7	244.3	260.5	275.0	288.8	301.6	312.3	320.8	327.1
135°	171.8	184.5	196.3	211.3	225.8	240.2	250.6	260.8	269.2	275.8	280.7
137.5°	148.7	158.8	170.3	182.7	194.1	204.9	215.7	225.0	232.9	239.3	244.2
140°	127.3	137.0	147.5	157.6	166.9	176.0	184.7	192.4	199.1	204.6	209.1
142.5°	110.1	117.6	126.4	134.9	143.0	150.8	157.8	164.0	169.4	173.9	177.5
145°	96.1	102.0	108.1	113.8	119.5	126.2	132.3	137.9	142.9	147.1	150.6
147.5°	85.4	89.7	93.7	97.6	101.9	106.3	110.3	113.8	116.9	119.5	121.5
150°	77.1	79.8	82.4	85.0	88.1	91.1	93.8	96.2	98.3	100.1	101.6
152.5°	70.7	72.2	73.6	75.4	77.4	79.3	80.9	82.4	83.8	84.8	85.7
155°	65.0	66.1	67.2	68.3	69.4	70.3	71.2	72.0	72.7	73.2	73.6
157.5°	58.7	59.7	60.6	61.3	62.1	62.7	63.3	63.8	64.2	64.4	64.9
160°	51.4	51.9	52.5	53.2	53.7	54.3	54.7	55.0	55.3	55.4	55.7
162.5°	44.9	45.1	45.4	45.5	45.5	45.5	45.4	45.2	44.9	44.6	44.3
165°	38.5	38.8	38.9	39.0	38.9	38.8	38.6	38.3	37.9	37.5	37.1
167.5°	32.7	32.9	33.0	33.1	33.1	33.0	32.9	32.7	32.5	32.2	31.9
170°	26.3	26.6	26.9	27.0	27.2	27.2	27.2	27.2	27.1	27.2	26.9
172.5°	20.3	20.5	20.6	20.7	20.7	20.7	20.7	20.6	20.6	20.6	20.3
175°	14.2	14.5	14.7	14.9	15.0	15.2	15.2	15.3	15.6	15.5	15.3
177.5°	6.4	6.5	6.5	6.6	6.6	6.6	6.8	6.8	6.7	6.6	6.5
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°	6.5	6.4
5°	15.2	15.1
7.5°	20.1	19.9
10°	26.5	26.2
12.5°	31.5	31.0
15°	36.5	35.8
17.5°	43.6	42.9
20°	55.3	54.8
22.5°	64.7	64.4
25°	73.9	73.9
27.5°	86.4	86.6
30°	102.8	103.3
32.5°	123.3	124.0
35°	153.7	155.0
37.5°	180.6	182.0
40°	213.0	214.6
42.5°	248.3	249.6
45°	284.6	285.3
47.5°	332.3	333.0
50°	390.1	391.0
52.5°	460.7	461.0
55°	510.2	507.9
57.5°	555.6	553.2
60°	592.9	592.1
62.5°	619.6	619.2
65°	642.1	642.2
67.5°	662.4	661.3
70°	685.3	686.7
72.5°	700.5	701.0
75°	714.0	716.1
77.5°	725.4	726.5
80°	734.1	735.2
82.5°	742.3	745.5
85°	747.2	747.9
87.5°	752.5	748.7
90°	747.9	755.1
92.5°	752.5	748.7
95°	747.2	747.9
97.5°	742.3	745.5
100°	734.1	735.2
102.5°	725.4	726.5
105°	714.0	716.1
107.5°	700.5	701.0
110°	685.3	686.7



TEST NUMBER: P231877

CATALOG NUMBER: FVS4WM-2-LD4-35-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	662.4	661.3
115°	642.1	642.2
117.5°	619.6	619.2
120°	592.9	592.1
122.5°	555.6	553.2
125°	510.2	507.9
127.5°	460.7	461.0
130°	390.1	391.0
132.5°	332.3	333.0
135°	284.6	285.3
137.5°	248.3	249.6
140°	213.0	214.6
142.5°	180.6	182.0
145°	153.7	155.0
147.5°	123.3	124.0
150°	102.8	103.3
152.5°	86.4	86.6
155°	73.9	73.9
157.5°	64.7	64.4
160°	55.3	54.8
162.5°	43.6	42.9
165°	36.5	35.8
167.5°	31.5	31.0
170°	26.5	26.2
172.5°	20.1	19.9
175°	15.2	15.1
177.5°	6.5	6.4
180°	0.0	0.0

(END OF REPORT)