

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: P231902

Luminaire Tested: **FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231902
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-5)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH PA187 LENS
Light Source: (42) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

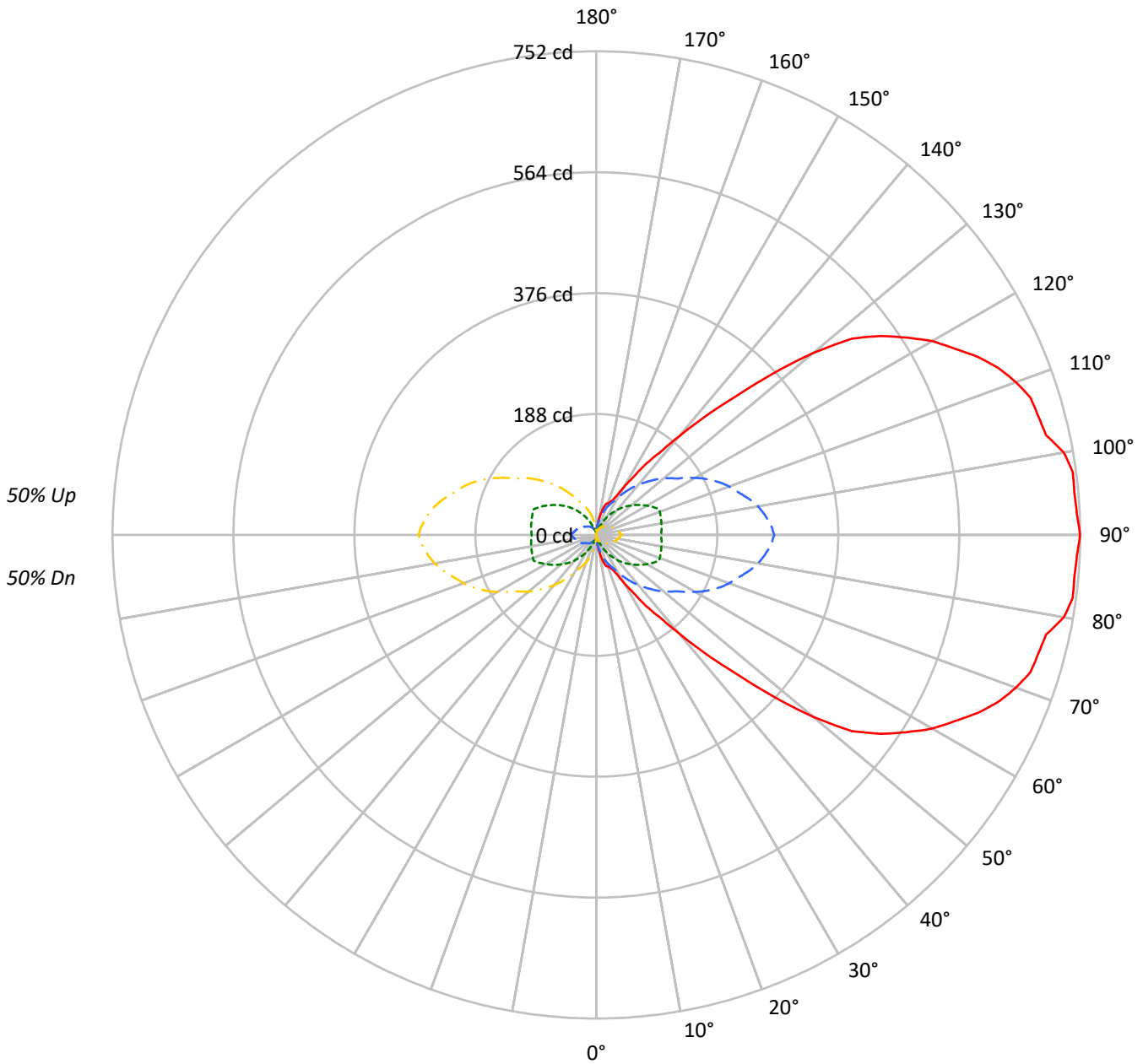
Lumens per Lamp: N/A
Luminaire Lumens: 1740.2 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 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°	320	95	0	95
10°	630	192	0	192
15°	956	288	0	288
20°	1030	391	0	391
25°	1101	608	0	608
30°	1530	958	0	958
35°	2271	1336	0	1336
40°	3265	1761	0	1761
45°	4778	2243	0	2243
50°	6870	2782	0	2782
55°	8330	3435	0	3435
60°	9286	4241	0	4241
65°	10139	5277	0	5277
70°	10895	6344	0	6344
75°	11399	7468	0	7468
80°	12177	9204	0	9204
85°	12786	12205	0	12205



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.7	0.0
10°-20°	5.5	0.3
20°-30°	14.6	0.8
30°-40°	33.7	1.9
40°-50°	67.1	3.9
50°-60°	120.3	6.9
60°-70°	176.5	10.1
70°-80°	215.8	12.4
80°-90°	236.0	13.6
90°-100°	236.0	13.6
100°-110°	215.8	12.4
110°-120°	176.5	10.1
120°-130°	120.3	6.9
130°-140°	67.1	3.9
140°-150°	33.7	1.9
150°-160°	14.6	0.8
160°-170°	5.5	0.3
170°-180°	0.7	0.0
0°-30°	20.8	1.2
0°-40°	54.5	3.1
0°-60°	241.8	13.9
0°-90°	870.1	50.0
90°-120°	628.2	36.1
90°-150°	849.3	48.8
90°-180°	870.0	50.0
0°-180°	1740.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	12	3	0	3	12	2
15°	45	10	0	10	45	12
25°	59	20	0	20	59	30
35°	135	41	0	41	135	87
45°	301	62	0	62	301	243
55°	539	81	0	81	539	480
65°	654	100	0	100	654	648
75°	711	104	0	104	711	754
85°	746	102	0	102	746	609
90°	752	101	0	101	752	411
95°	746	102	0	102	746	609
105°	711	104	0	104	711	754
115°	654	100	0	100	654	648
125°	539	81	0	81	539	480
135°	301	62	0	62	301	243
145°	135	41	0	41	135	87
155°	59	20	0	20	59	30
165°	45	10	0	10	45	12
175°	12	3	0	3	12	2
180°	0	0	0	0	0	



TEST NUMBER: P231902

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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°	4.9	5.0	5.0	5.1	5.2	5.3	5.3	5.2	5.2	5.1	5.1
5°	12.2	12.3	12.5	12.6	12.7	12.5	12.5	12.4	12.4	12.3	12.1
7.5°	19.5	19.7	19.9	20.0	19.9	19.9	19.8	19.7	19.6	19.4	19.2
10°	26.8	27.0	27.2	27.4	27.2	27.1	27.0	26.9	26.7	26.4	26.1
12.5°	35.7	35.9	36.1	35.9	35.8	35.6	35.3	35.0	34.6	34.1	33.6
15°	44.6	44.7	44.8	44.4	44.2	43.9	43.5	43.0	42.4	41.8	41.1
17.5°	51.1	51.2	51.4	51.1	50.9	50.7	50.3	49.8	49.3	48.6	47.9
20°	51.9	52.4	52.9	53.2	53.6	53.9	54.0	54.1	54.1	53.9	53.5
22.5°	55.1	56.0	56.9	57.4	58.0	58.4	58.7	58.8	58.8	58.5	58.0
25°	59.2	60.5	61.7	62.7	63.7	64.4	64.9	65.3	65.4	65.2	64.8
27.5°	68.1	69.7	70.9	71.9	72.8	73.3	73.7	73.8	73.6	73.2	72.7
30°	86.8	88.1	88.6	88.9	88.7	88.3	87.5	86.4	85.0	83.5	82.7
32.5°	105.4	106.5	106.6	106.5	106.0	105.0	103.8	102.2	100.3	98.2	96.0
35°	134.6	134.9	133.4	131.8	129.4	126.6	123.3	119.6	115.6	112.7	109.8
37.5°	160.6	160.5	158.6	156.5	153.6	150.0	145.8	141.1	135.8	130.7	125.4
40°	200.3	199.0	195.0	190.5	185.0	178.5	171.3	163.5	156.3	149.8	142.9
42.5°	248.9	246.2	239.8	232.8	224.4	214.8	204.2	192.7	182.5	172.3	161.9
45°	300.8	296.8	288.4	279.3	268.4	256.0	242.3	229.0	213.5	199.0	184.9
47.5°	369.8	362.9	350.0	336.2	320.4	302.9	284.3	265.8	247.9	229.4	213.2
50°	440.3	432.0	416.7	399.9	380.1	357.6	332.5	308.5	285.3	263.5	243.8
52.5°	501.1	494.0	479.6	463.1	442.6	418.0	389.3	359.3	329.2	301.4	276.9
55°	539.2	538.4	531.2	520.6	504.0	480.8	450.8	416.8	380.9	346.9	313.4
57.5°	570.9	574.3	572.2	567.4	558.2	544.0	519.8	477.6	436.2	394.0	354.5
60°	602.5	605.5	603.9	601.4	597.1	591.1	568.1	530.9	487.6	439.9	395.2
62.5°	627.6	629.7	629.6	627.6	623.7	617.9	596.3	568.2	527.6	482.4	432.7
65°	654.4	655.1	653.8	650.8	646.7	640.1	623.0	595.2	559.7	515.1	464.7
67.5°	677.1	675.8	672.9	669.2	665.4	662.3	653.5	632.4	592.3	545.8	493.7
70°	694.1	693.1	690.0	684.9	680.8	679.4	676.6	664.0	637.6	580.3	525.3
72.5°	707.9	708.0	705.8	701.0	696.9	693.2	691.2	686.3	662.6	615.8	554.3
75°	711.2	717.8	720.7	716.6	708.9	703.5	701.1	696.3	676.8	636.0	579.1
77.5°	716.0	724.7	731.7	729.8	721.5	710.9	708.6	704.3	687.8	650.5	595.1
80°	737.9	734.0	734.7	737.2	731.4	723.8	717.2	713.9	702.3	664.2	604.9
82.5°	746.8	744.2	740.7	739.2	736.2	731.9	726.3	721.5	709.8	676.6	620.3
85°	746.0	750.7	750.0	739.8	731.8	732.1	729.4	724.1	715.2	687.4	630.1
87.5°	747.6	752.4	748.3	745.0	733.1	726.9	724.1	724.3	719.5	694.2	634.0
90°	751.7	754.1	749.3	751.7	742.0	722.5	716.8	723.3	721.7	695.7	631.7
92.5°	747.6	752.4	748.3	745.0	733.1	726.9	724.1	724.3	719.5	694.2	634.0
95°	746.0	750.7	750.0	739.8	731.8	732.1	729.4	724.1	715.2	687.4	630.1
97.5°	746.8	744.2	740.7	739.2	736.2	731.9	726.3	721.5	709.8	676.6	620.3
100°	737.9	734.0	734.7	737.2	731.4	723.8	717.2	713.9	702.3	664.2	604.9
102.5°	716.0	724.7	731.7	729.8	721.5	710.9	708.6	704.3	687.8	650.5	595.1
105°	711.2	717.8	720.7	716.6	708.9	703.5	701.1	696.3	676.8	636.0	579.1
107.5°	707.9	708.0	705.8	701.0	696.9	693.2	691.2	686.3	662.6	615.8	554.3
110°	694.1	693.1	690.0	684.9	680.8	679.4	676.6	664.0	637.6	580.3	525.3



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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°	677.1	675.8	672.9	669.2	665.4	662.3	653.5	632.4	592.3	545.8	493.7
115°	654.4	655.1	653.8	650.8	646.7	640.1	623.0	595.2	559.7	515.1	464.7
117.5°	627.6	629.7	629.6	627.6	623.7	617.9	596.3	568.2	527.6	482.4	432.7
120°	602.5	605.5	603.9	601.4	597.1	591.1	568.1	530.9	487.6	439.9	395.2
122.5°	570.9	574.3	572.2	567.4	558.2	544.0	519.8	477.6	436.2	394.0	354.5
125°	539.2	538.4	531.2	520.6	504.0	480.8	450.8	416.8	380.9	346.9	313.4
127.5°	501.1	494.0	479.6	463.1	442.6	418.0	389.3	359.3	329.2	301.4	276.9
130°	440.3	432.0	416.7	399.9	380.1	357.6	332.5	308.5	285.3	263.5	243.8
132.5°	369.8	362.9	350.0	336.2	320.4	302.9	284.3	265.8	247.9	229.4	213.2
135°	300.8	296.8	288.4	279.3	268.4	256.0	242.3	229.0	213.5	199.0	184.9
137.5°	248.9	246.2	239.8	232.8	224.4	214.8	204.2	192.7	182.5	172.3	161.9
140°	200.3	199.0	195.0	190.5	185.0	178.5	171.3	163.5	156.3	149.8	142.9
142.5°	160.6	160.5	158.6	156.5	153.6	150.0	145.8	141.1	135.8	130.7	125.4
145°	134.6	134.9	133.4	131.8	129.4	126.6	123.3	119.6	115.6	112.7	109.8
147.5°	105.4	106.5	106.6	106.5	106.0	105.0	103.8	102.2	100.3	98.2	96.0
150°	86.8	88.1	88.6	88.9	88.7	88.3	87.5	86.4	85.0	83.5	82.7
152.5°	68.1	69.7	70.9	71.9	72.8	73.3	73.7	73.8	73.6	73.2	72.7
155°	59.2	60.5	61.7	62.7	63.7	64.4	64.9	65.3	65.4	65.2	64.8
157.5°	55.1	56.0	56.9	57.4	58.0	58.4	58.7	58.8	58.8	58.5	58.0
160°	51.9	52.4	52.9	53.2	53.6	53.9	54.0	54.1	54.1	53.9	53.5
162.5°	51.1	51.2	51.4	51.1	50.9	50.7	50.3	49.8	49.3	48.6	47.9
165°	44.6	44.7	44.8	44.4	44.2	43.9	43.5	43.0	42.4	41.8	41.1
167.5°	35.7	35.9	36.1	35.9	35.8	35.6	35.3	35.0	34.6	34.1	33.6
170°	26.8	27.0	27.2	27.4	27.2	27.1	27.0	26.9	26.7	26.4	26.1
172.5°	19.5	19.7	19.9	20.0	19.9	19.9	19.8	19.7	19.6	19.4	19.2
175°	12.2	12.3	12.5	12.6	12.7	12.5	12.5	12.4	12.4	12.3	12.1
177.5°	4.9	5.0	5.0	5.1	5.2	5.3	5.3	5.2	5.2	5.1	5.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.1	5.1	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.3
5°	12.0	11.8	11.6	11.3	11.1	10.8	10.5	10.2	9.8	9.4	9.0
7.5°	19.0	18.7	18.4	18.0	17.6	17.2	16.7	16.3	15.7	15.2	14.6
10°	25.8	25.4	25.0	24.5	23.9	23.4	22.8	22.1	21.4	20.7	19.9
12.5°	33.0	32.3	31.6	30.9	30.1	29.4	28.6	27.8	26.9	26.0	25.1
15°	40.3	39.5	38.7	37.7	36.7	35.7	34.6	33.4	32.2	31.1	30.0
17.5°	47.1	46.1	45.1	44.0	42.8	41.6	40.4	39.1	37.8	36.3	34.9
20°	53.1	52.2	51.0	49.8	48.4	47.0	45.6	44.1	42.7	41.2	39.6
22.5°	57.5	56.9	56.2	55.2	54.0	52.5	50.7	48.9	47.0	45.4	43.8
25°	64.2	63.4	62.3	60.8	59.4	57.9	56.1	54.0	51.9	49.6	47.5
27.5°	72.1	71.3	70.1	68.6	66.7	64.6	62.4	59.8	57.1	54.3	51.7
30°	81.7	80.4	79.0	77.2	75.2	72.8	70.1	66.9	63.8	61.3	58.7
32.5°	93.6	91.0	89.0	86.9	84.6	81.9	78.9	75.7	72.4	69.1	66.2
35°	106.8	103.7	100.6	97.5	94.4	91.3	87.9	84.4	80.7	77.1	73.5
37.5°	120.1	116.1	112.4	108.9	104.7	100.7	96.9	93.0	89.0	84.8	80.8
40°	136.0	130.0	124.4	119.7	115.1	110.6	106.1	101.7	97.2	92.6	88.0
42.5°	153.3	145.6	138.2	132.0	126.3	120.7	115.3	110.4	105.5	100.5	95.4
45°	173.9	162.7	153.5	144.8	137.6	131.0	125.0	118.9	113.6	108.3	102.7
47.5°	197.5	182.6	170.3	158.8	149.6	141.4	134.6	128.0	121.4	115.9	110.1
50°	224.0	206.0	188.6	174.7	162.3	152.2	143.7	136.9	129.9	123.0	117.2
52.5°	252.2	230.6	210.1	191.5	176.1	163.3	153.0	144.8	138.5	130.5	125.8
55°	283.8	255.6	232.0	210.1	190.7	175.1	162.3	152.8	147.0	141.7	136.9
57.5°	318.3	284.5	254.0	228.9	206.6	187.2	174.9	165.0	156.5	151.5	147.1
60°	353.3	314.9	279.2	246.7	224.0	204.4	188.3	177.4	167.5	160.4	156.1
62.5°	386.2	343.5	305.4	271.7	241.9	219.8	202.3	189.4	179.0	168.7	164.1
65°	414.9	371.7	331.3	294.9	262.2	235.4	214.8	200.0	190.2	178.7	172.1
67.5°	443.9	398.2	355.3	315.9	281.0	249.3	226.6	210.7	200.0	189.3	179.5
70°	471.8	421.6	377.2	333.7	297.7	265.2	238.5	219.8	208.5	199.8	186.5
72.5°	495.8	442.2	393.7	349.7	311.1	278.5	248.7	227.5	216.1	208.9	194.9
75°	518.5	459.3	407.7	362.2	320.9	289.2	259.3	236.9	224.2	215.0	202.0
77.5°	537.3	472.8	418.8	373.4	332.9	300.0	270.5	246.8	231.9	221.4	208.6
80°	548.6	488.6	431.8	384.0	343.0	308.8	279.8	255.1	239.3	228.1	214.6
82.5°	559.3	500.5	441.3	391.4	350.1	315.7	287.2	262.0	246.2	234.7	220.2
85°	566.3	507.0	447.1	395.7	354.4	320.8	292.9	267.7	252.7	241.2	225.2
87.5°	568.9	510.3	450.9	398.4	357.2	324.9	297.7	272.8	259.0	247.7	229.9
90°	566.8	504.4	447.6	395.7	356.0	326.0	300.0	276.5	264.4	253.0	233.5
92.5°	568.9	510.3	450.9	398.4	357.2	324.9	297.7	272.8	259.0	247.7	229.9
95°	566.3	507.0	447.1	395.7	354.4	320.8	292.9	267.7	252.7	241.2	225.2
97.5°	559.3	500.5	441.3	391.4	350.1	315.7	287.2	262.0	246.2	234.7	220.2
100°	548.6	488.6	431.8	384.0	343.0	308.8	279.8	255.1	239.3	228.1	214.6
102.5°	537.3	472.8	418.8	373.4	332.9	300.0	270.5	246.8	231.9	221.4	208.6
105°	518.5	459.3	407.7	362.2	320.9	289.2	259.3	236.9	224.2	215.0	202.0
107.5°	495.8	442.2	393.7	349.7	311.1	278.5	248.7	227.5	216.1	208.9	194.9
110°	471.8	421.6	377.2	333.7	297.7	265.2	238.5	219.8	208.5	199.8	186.5



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	443.9	398.2	355.3	315.9	281.0	249.3	226.6	210.7	200.0	189.3	179.5
115°	414.9	371.7	331.3	294.9	262.2	235.4	214.8	200.0	190.2	178.7	172.1
117.5°	386.2	343.5	305.4	271.7	241.9	219.8	202.3	189.4	179.0	168.7	164.1
120°	353.3	314.9	279.2	246.7	224.0	204.4	188.3	177.4	167.5	160.4	156.1
122.5°	318.3	284.5	254.0	228.9	206.6	187.2	174.9	165.0	156.5	151.5	147.1
125°	283.8	255.6	232.0	210.1	190.7	175.1	162.3	152.8	147.0	141.7	136.9
127.5°	252.2	230.6	210.1	191.5	176.1	163.3	153.0	144.8	138.5	130.5	125.8
130°	224.0	206.0	188.6	174.7	162.3	152.2	143.7	136.9	129.9	123.0	117.2
132.5°	197.5	182.6	170.3	158.8	149.6	141.4	134.6	128.0	121.4	115.9	110.1
135°	173.9	162.7	153.5	144.8	137.6	131.0	125.0	118.9	113.6	108.3	102.7
137.5°	153.3	145.6	138.2	132.0	126.3	120.7	115.3	110.4	105.5	100.5	95.4
140°	136.0	130.0	124.4	119.7	115.1	110.6	106.1	101.7	97.2	92.6	88.0
142.5°	120.1	116.1	112.4	108.9	104.7	100.7	96.9	93.0	89.0	84.8	80.8
145°	106.8	103.7	100.6	97.5	94.4	91.3	87.9	84.4	80.7	77.1	73.5
147.5°	93.6	91.0	89.0	86.9	84.6	81.9	78.9	75.7	72.4	69.1	66.2
150°	81.7	80.4	79.0	77.2	75.2	72.8	70.1	66.9	63.8	61.3	58.7
152.5°	72.1	71.3	70.1	68.6	66.7	64.6	62.4	59.8	57.1	54.3	51.7
155°	64.2	63.4	62.3	60.8	59.4	57.9	56.1	54.0	51.9	49.6	47.5
157.5°	57.5	56.9	56.2	55.2	54.0	52.5	50.7	48.9	47.0	45.4	43.8
160°	53.1	52.2	51.0	49.8	48.4	47.0	45.6	44.1	42.7	41.2	39.6
162.5°	47.1	46.1	45.1	44.0	42.8	41.6	40.4	39.1	37.8	36.3	34.9
165°	40.3	39.5	38.7	37.7	36.7	35.7	34.6	33.4	32.2	31.1	30.0
167.5°	33.0	32.3	31.6	30.9	30.1	29.4	28.6	27.8	26.9	26.0	25.1
170°	25.8	25.4	25.0	24.5	23.9	23.4	22.8	22.1	21.4	20.7	19.9
172.5°	19.0	18.7	18.4	18.0	17.6	17.2	16.7	16.3	15.7	15.2	14.6
175°	12.0	11.8	11.6	11.3	11.1	10.8	10.5	10.2	9.8	9.4	9.0
177.5°	5.1	5.1	5.0	4.9	4.9	4.8	4.7	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



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-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	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.6	2.4
5°	8.6	8.2	7.7	7.4	7.1	6.7	6.4	6.0	5.7	5.3	4.9
7.5°	14.0	13.3	12.6	11.9	11.2	10.4	9.6	9.1	8.5	7.9	7.3
10°	19.1	18.3	17.5	16.5	15.5	14.5	13.5	12.5	11.4	10.6	9.8
12.5°	24.1	23.0	22.0	20.9	19.8	18.6	17.3	16.0	14.7	13.3	12.2
15°	28.8	27.6	26.5	25.1	23.8	22.4	21.0	19.5	17.9	16.3	14.7
17.5°	33.6	32.0	30.6	29.1	27.6	26.0	24.5	22.9	21.1	19.3	17.4
20°	38.0	36.3	34.6	32.9	31.3	29.5	27.8	26.0	24.2	22.1	20.1
22.5°	42.2	40.4	38.5	36.6	34.8	32.9	31.0	29.0	27.1	25.0	22.7
25°	45.6	43.9	42.1	40.1	38.7	37.2	35.6	34.0	32.2	30.3	28.1
27.5°	49.7	48.5	47.5	46.4	44.9	43.3	41.7	40.0	38.2	36.2	33.9
30°	56.6	54.7	53.2	52.2	51.0	49.3	47.6	45.9	44.3	42.0	39.8
32.5°	63.3	61.0	59.1	57.6	56.6	55.2	53.3	51.6	49.9	47.8	45.4
35°	70.3	67.3	64.9	63.0	61.8	60.8	59.0	57.1	55.4	53.5	50.9
37.5°	77.1	73.7	70.6	68.5	66.9	65.9	64.6	62.5	60.7	59.1	56.5
40°	83.8	79.9	76.6	73.6	71.9	70.7	69.9	67.9	65.9	64.4	62.0
42.5°	90.3	86.1	82.3	79.0	76.8	75.3	74.6	73.2	71.0	69.6	67.5
45°	97.2	91.9	88.0	84.4	81.2	80.0	79.2	78.4	76.2	74.6	72.9
47.5°	104.0	98.2	93.3	89.7	86.2	85.2	85.9	86.9	86.6	85.8	84.1
50°	110.8	104.9	101.3	99.8	98.6	97.9	98.4	99.3	100.0	99.8	96.8
52.5°	122.0	118.2	114.9	112.9	111.8	110.8	111.1	111.8	112.9	114.4	109.8
55°	133.6	130.6	127.8	125.6	124.7	123.9	123.8	124.2	125.4	128.4	123.1
57.5°	144.1	142.0	140.1	138.1	137.4	136.9	136.5	136.6	137.6	141.7	136.7
60°	153.5	152.4	151.3	150.3	149.7	149.6	149.3	149.0	150.0	154.7	150.6
62.5°	162.2	161.8	161.8	161.8	161.8	162.1	162.0	161.7	162.4	167.5	164.8
65°	170.0	170.4	171.6	172.8	173.5	174.3	174.7	174.3	174.8	179.9	179.2
67.5°	176.7	178.3	180.7	183.2	185.0	186.4	187.2	187.0	187.2	192.1	193.7
70°	182.9	185.6	189.1	192.5	194.4	195.4	195.8	195.5	195.2	197.4	196.9
72.5°	188.6	189.4	192.2	195.4	198.2	199.8	200.5	201.2	201.6	201.7	198.6
75°	193.0	192.2	194.8	198.1	201.8	204.1	205.0	206.7	208.2	206.7	200.2
77.5°	197.3	195.0	197.4	200.7	205.3	208.5	209.5	211.9	214.8	212.2	201.9
80°	201.5	198.0	200.1	203.3	208.6	212.8	213.8	216.9	221.4	218.2	203.4
82.5°	205.7	201.1	202.9	205.9	212.0	217.2	218.1	221.9	228.1	224.5	205.9
85°	209.7	204.3	205.7	208.5	215.3	221.5	222.3	226.6	234.9	231.3	206.8
87.5°	213.7	207.5	208.6	211.2	218.6	225.9	226.7	231.7	241.5	237.3	207.6
90°	217.3	210.8	211.6	214.1	222.2	230.3	231.1	236.8	248.1	243.3	208.4
92.5°	213.7	207.5	208.6	211.2	218.6	225.9	226.7	231.7	241.5	237.3	207.6
95°	209.7	204.3	205.7	208.5	215.3	221.5	222.3	226.6	234.9	231.3	206.8
97.5°	205.7	201.1	202.9	205.9	212.0	217.2	218.1	221.9	228.1	224.5	205.9
100°	201.5	198.0	200.1	203.3	208.6	212.8	213.8	216.9	221.4	218.2	203.4
102.5°	197.3	195.0	197.4	200.7	205.3	208.5	209.5	211.9	214.8	212.2	201.9
105°	193.0	192.2	194.8	198.1	201.8	204.1	205.0	206.7	208.2	206.7	200.2
107.5°	188.6	189.4	192.2	195.4	198.2	199.8	200.5	201.2	201.6	201.7	198.6
110°	182.9	185.6	189.1	192.5	194.4	195.4	195.8	195.5	195.2	197.4	196.9



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	176.7	178.3	180.7	183.2	185.0	186.4	187.2	187.0	187.2	192.1	193.7
115°	170.0	170.4	171.6	172.8	173.5	174.3	174.7	174.3	174.8	179.9	179.2
117.5°	162.2	161.8	161.8	161.8	161.8	162.1	162.0	161.7	162.4	167.5	164.8
120°	153.5	152.4	151.3	150.3	149.7	149.6	149.3	149.0	150.0	154.7	150.6
122.5°	144.1	142.0	140.1	138.1	137.4	136.9	136.5	136.6	137.6	141.7	136.7
125°	133.6	130.6	127.8	125.6	124.7	123.9	123.8	124.2	125.4	128.4	123.1
127.5°	122.0	118.2	114.9	112.9	111.8	110.8	111.1	111.8	112.9	114.4	109.8
130°	110.8	104.9	101.3	99.8	98.6	97.9	98.4	99.3	100.0	99.8	96.8
132.5°	104.0	98.2	93.3	89.7	86.2	85.2	85.9	86.9	86.6	85.8	84.1
135°	97.2	91.9	88.0	84.4	81.2	80.0	79.2	78.4	76.2	74.6	72.9
137.5°	90.3	86.1	82.3	79.0	76.8	75.3	74.6	73.2	71.0	69.6	67.5
140°	83.8	79.9	76.6	73.6	71.9	70.7	69.9	67.9	65.9	64.4	62.0
142.5°	77.1	73.7	70.6	68.5	66.9	65.9	64.6	62.5	60.7	59.1	56.5
145°	70.3	67.3	64.9	63.0	61.8	60.8	59.0	57.1	55.4	53.5	50.9
147.5°	63.3	61.0	59.1	57.6	56.6	55.2	53.3	51.6	49.9	47.8	45.4
150°	56.6	54.7	53.2	52.2	51.0	49.3	47.6	45.9	44.3	42.0	39.8
152.5°	49.7	48.5	47.5	46.4	44.9	43.3	41.7	40.0	38.2	36.2	33.9
155°	45.6	43.9	42.1	40.1	38.7	37.2	35.6	34.0	32.2	30.3	28.1
157.5°	42.2	40.4	38.5	36.6	34.8	32.9	31.0	29.0	27.1	25.0	22.7
160°	38.0	36.3	34.6	32.9	31.3	29.5	27.8	26.0	24.2	22.1	20.1
162.5°	33.6	32.0	30.6	29.1	27.6	26.0	24.5	22.9	21.1	19.3	17.4
165°	28.8	27.6	26.5	25.1	23.8	22.4	21.0	19.5	17.9	16.3	14.7
167.5°	24.1	23.0	22.0	20.9	19.8	18.6	17.3	16.0	14.7	13.3	12.2
170°	19.1	18.3	17.5	16.5	15.5	14.5	13.5	12.5	11.4	10.6	9.8
172.5°	14.0	13.3	12.6	11.9	11.2	10.4	9.6	9.1	8.5	7.9	7.3
175°	8.6	8.2	7.7	7.4	7.1	6.7	6.4	6.0	5.7	5.3	4.9
177.5°	4.1	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.6	2.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-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°	2.2	2.0	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
5°	4.5	4.1	3.7	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
7.5°	6.7	6.1	5.5	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.6
10°	9.0	8.2	7.3	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
12.5°	11.2	10.2	9.2	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.7
15°	13.4	12.2	11.0	9.7	9.7	9.7	9.7	9.6	9.5	9.4	9.3
17.5°	15.7	14.3	12.8	11.4	11.3	11.3	11.3	11.2	11.1	11.0	10.9
20°	17.9	16.3	14.6	13.0	13.0	12.9	12.9	12.8	12.7	12.6	12.4
22.5°	20.3	18.3	16.5	14.6	14.6	14.5	14.5	14.4	14.3	14.1	14.0
25°	25.8	23.6	21.7	19.8	19.9	19.9	19.8	19.5	19.1	18.5	17.9
27.5°	31.4	28.9	27.0	25.0	25.3	25.4	25.4	25.2	24.7	23.9	23.0
30°	37.0	34.2	32.3	30.3	30.6	30.9	31.0	31.0	30.2	29.2	27.7
32.5°	42.6	39.6	37.5	35.5	36.0	36.5	36.7	36.6	35.6	34.1	32.1
35°	48.1	44.9	42.7	40.7	41.5	42.1	42.5	42.1	40.9	38.7	36.2
37.5°	53.6	50.3	47.9	45.9	46.9	47.7	48.4	47.6	46.1	43.0	39.7
40°	59.1	55.6	53.1	51.2	52.3	53.4	54.3	52.9	50.6	47.0	42.8
42.5°	64.5	60.9	58.2	56.4	57.8	59.1	60.2	58.3	55.1	50.9	45.6
45°	69.8	66.2	63.3	61.6	63.3	64.8	65.7	63.6	59.3	54.0	48.1
47.5°	79.9	74.7	69.9	66.5	66.9	67.5	67.3	64.9	60.3	54.9	49.2
50°	90.8	83.6	76.6	71.3	70.3	69.8	68.4	65.2	60.1	54.5	49.1
52.5°	102.1	92.8	83.5	76.2	73.6	72.0	69.4	65.3	59.9	54.4	49.4
55°	113.8	102.2	90.4	81.1	76.9	74.0	70.3	65.4	59.8	54.4	50.0
57.5°	125.7	111.8	97.4	85.9	80.0	75.9	71.1	65.5	59.8	54.7	50.9
60°	137.9	121.6	104.6	90.8	83.1	77.7	71.8	65.6	60.0	55.4	52.1
62.5°	150.4	131.6	111.8	95.7	86.1	79.4	72.4	65.8	60.3	56.3	54.0
65°	163.0	141.7	119.0	100.5	89.0	81.0	73.0	66.0	60.8	57.4	56.0
67.5°	175.7	151.9	126.3	105.4	91.9	82.5	73.6	66.2	61.4	58.7	58.3
70°	176.8	151.7	125.7	104.9	91.2	81.7	72.9	65.6	61.0	58.7	59.0
72.5°	177.0	151.1	125.0	104.3	90.4	80.9	72.1	64.9	60.3	58.2	58.6
75°	177.0	150.3	124.9	103.8	89.7	80.1	71.5	64.3	59.7	57.7	58.1
77.5°	176.9	149.5	123.8	103.3	89.0	79.4	70.9	63.7	59.1	57.2	57.5
80°	176.7	149.3	122.7	102.7	88.4	78.7	70.4	63.2	58.6	56.8	56.9
82.5°	177.1	147.8	121.6	102.2	87.7	78.0	69.9	62.7	58.1	56.3	56.3
85°	176.1	146.4	120.6	101.7	87.1	77.4	69.6	62.3	57.6	55.9	55.6
87.5°	175.2	144.9	119.5	101.1	86.5	76.8	69.2	61.9	57.2	55.5	55.0
90°	174.3	143.5	118.4	100.6	86.0	76.2	68.9	61.6	56.8	55.1	54.3
92.5°	175.2	144.9	119.5	101.1	86.5	76.8	69.2	61.9	57.2	55.5	55.0
95°	176.1	146.4	120.6	101.7	87.1	77.4	69.6	62.3	57.6	55.9	55.6
97.5°	177.1	147.8	121.6	102.2	87.7	78.0	69.9	62.7	58.1	56.3	56.3
100°	176.7	149.3	122.7	102.7	88.4	78.7	70.4	63.2	58.6	56.8	56.9
102.5°	176.9	149.5	123.8	103.3	89.0	79.4	70.9	63.7	59.1	57.2	57.5
105°	177.0	150.3	124.9	103.8	89.7	80.1	71.5	64.3	59.7	57.7	58.1
107.5°	177.0	151.1	125.0	104.3	90.4	80.9	72.1	64.9	60.3	58.2	58.6
110°	176.8	151.7	125.7	104.9	91.2	81.7	72.9	65.6	61.0	58.7	59.0



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	175.7	151.9	126.3	105.4	91.9	82.5	73.6	66.2	61.4	58.7	58.3
115°	163.0	141.7	119.0	100.5	89.0	81.0	73.0	66.0	60.8	57.4	56.0
117.5°	150.4	131.6	111.8	95.7	86.1	79.4	72.4	65.8	60.3	56.3	54.0
120°	137.9	121.6	104.6	90.8	83.1	77.7	71.8	65.6	60.0	55.4	52.1
122.5°	125.7	111.8	97.4	85.9	80.0	75.9	71.1	65.5	59.8	54.7	50.9
125°	113.8	102.2	90.4	81.1	76.9	74.0	70.3	65.4	59.8	54.4	50.0
127.5°	102.1	92.8	83.5	76.2	73.6	72.0	69.4	65.3	59.9	54.4	49.4
130°	90.8	83.6	76.6	71.3	70.3	69.8	68.4	65.2	60.1	54.5	49.1
132.5°	79.9	74.7	69.9	66.5	66.9	67.5	67.3	64.9	60.3	54.9	49.2
135°	69.8	66.2	63.3	61.6	63.3	64.8	65.7	63.6	59.3	54.0	48.1
137.5°	64.5	60.9	58.2	56.4	57.8	59.1	60.2	58.3	55.1	50.9	45.6
140°	59.1	55.6	53.1	51.2	52.3	53.4	54.3	52.9	50.6	47.0	42.8
142.5°	53.6	50.3	47.9	45.9	46.9	47.7	48.4	47.6	46.1	43.0	39.7
145°	48.1	44.9	42.7	40.7	41.5	42.1	42.5	42.1	40.9	38.7	36.2
147.5°	42.6	39.6	37.5	35.5	36.0	36.5	36.7	36.6	35.6	34.1	32.1
150°	37.0	34.2	32.3	30.3	30.6	30.9	31.0	31.0	30.2	29.2	27.7
152.5°	31.4	28.9	27.0	25.0	25.3	25.4	25.4	25.2	24.7	23.9	23.0
155°	25.8	23.6	21.7	19.8	19.9	19.9	19.8	19.5	19.1	18.5	17.9
157.5°	20.3	18.3	16.5	14.6	14.6	14.5	14.5	14.4	14.3	14.1	14.0
160°	17.9	16.3	14.6	13.0	13.0	12.9	12.9	12.8	12.7	12.6	12.4
162.5°	15.7	14.3	12.8	11.4	11.3	11.3	11.3	11.2	11.1	11.0	10.9
165°	13.4	12.2	11.0	9.7	9.7	9.7	9.7	9.6	9.5	9.4	9.3
167.5°	11.2	10.2	9.2	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.7
170°	9.0	8.2	7.3	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
172.5°	6.7	6.1	5.5	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.6
175°	4.5	4.1	3.7	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
177.5°	2.2	2.0	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1
5°	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3
7.5°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5
10°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
12.5°	7.6	7.5	7.4	7.2	7.1	6.9	6.7	6.5	6.3	6.0	5.8
15°	9.2	9.0	8.9	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0
17.5°	10.7	10.5	10.3	10.1	9.9	9.7	9.4	9.1	8.8	8.5	8.2
20°	12.3	12.1	11.8	11.6	11.4	11.1	10.8	10.5	10.1	9.7	9.4
22.5°	13.8	13.6	13.4	13.1	12.8	12.5	12.2	11.8	11.4	11.0	10.4
25°	17.0	16.2	15.4	14.6	14.3	13.9	13.6	13.2	12.5	11.9	11.2
27.5°	21.8	20.6	19.4	18.2	17.1	16.2	15.2	14.1	13.4	12.9	12.4
30°	26.1	24.4	22.8	21.3	19.9	18.5	17.2	16.0	15.1	14.3	13.4
32.5°	30.0	27.7	25.6	23.7	22.0	20.3	18.9	17.7	16.6	15.4	14.3
35°	33.3	30.5	28.0	25.7	23.7	21.9	20.4	19.0	17.6	16.4	15.5
37.5°	36.1	32.9	29.9	27.4	25.2	23.2	21.5	19.9	18.5	17.5	16.5
40°	38.6	34.9	31.6	28.9	26.4	24.2	22.4	20.8	19.5	18.3	17.1
42.5°	40.8	36.4	33.2	30.2	27.3	25.1	23.2	21.7	20.3	19.0	17.9
45°	42.7	38.2	34.6	31.1	28.2	25.9	24.1	22.5	21.0	19.8	18.6
47.5°	43.8	39.7	35.7	31.8	29.1	26.8	24.8	23.3	21.8	20.5	19.4
50°	44.2	40.8	37.2	33.7	30.6	27.7	25.7	24.0	22.5	21.3	20.2
52.5°	45.4	42.4	39.3	36.5	33.9	31.1	28.3	25.6	23.3	22.2	21.0
55°	46.9	44.5	42.0	39.8	37.4	34.6	31.6	28.7	26.3	24.1	22.1
57.5°	48.8	47.0	45.2	43.4	41.2	38.0	34.8	31.8	29.1	26.4	24.1
60°	51.0	49.9	48.8	47.2	44.8	41.3	37.9	34.7	31.4	28.5	25.8
62.5°	53.5	53.2	52.6	51.3	48.3	44.6	40.9	37.3	33.5	30.2	27.0
65°	56.3	56.8	56.8	55.5	51.8	47.8	43.8	39.5	35.3	31.7	28.0
67.5°	59.4	60.6	60.9	59.5	55.3	51.1	46.5	41.5	37.0	32.9	29.1
70°	60.9	62.9	64.0	62.9	58.7	54.2	49.0	43.4	38.6	34.0	30.1
72.5°	60.5	62.7	63.9	62.6	59.4	55.4	50.5	45.0	40.0	35.0	30.9
75°	60.1	62.4	63.8	62.6	60.0	56.2	51.2	46.0	41.0	36.1	31.8
77.5°	59.6	62.2	63.8	62.9	60.8	57.1	52.1	47.2	42.2	37.3	32.9
80°	59.1	62.0	63.8	63.4	61.9	58.2	53.3	48.6	43.6	38.4	34.0
82.5°	58.6	61.7	63.9	64.1	63.1	59.5	54.7	50.2	45.2	39.7	35.2
85°	58.0	61.5	64.0	64.8	64.4	60.9	56.3	51.9	47.0	41.2	36.5
87.5°	57.4	61.2	64.1	65.7	65.8	62.4	58.1	53.9	49.0	42.8	38.0
90°	56.8	60.8	64.1	66.5	67.3	64.1	60.0	56.0	51.1	44.6	39.7
92.5°	57.4	61.2	64.1	65.7	65.8	62.4	58.1	53.9	49.0	42.8	38.0
95°	58.0	61.5	64.0	64.8	64.4	60.9	56.3	51.9	47.0	41.2	36.5
97.5°	58.6	61.7	63.9	64.1	63.1	59.5	54.7	50.2	45.2	39.7	35.2
100°	59.1	62.0	63.8	63.4	61.9	58.2	53.3	48.6	43.6	38.4	34.0
102.5°	59.6	62.2	63.8	62.9	60.8	57.1	52.1	47.2	42.2	37.3	32.9
105°	60.1	62.4	63.8	62.6	60.0	56.2	51.2	46.0	41.0	36.1	31.8
107.5°	60.5	62.7	63.9	62.6	59.4	55.4	50.5	45.0	40.0	35.0	30.9
110°	60.9	62.9	64.0	62.9	58.7	54.2	49.0	43.4	38.6	34.0	30.1



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	59.4	60.6	60.9	59.5	55.3	51.1	46.5	41.5	37.0	32.9	29.1
115°	56.3	56.8	56.8	55.5	51.8	47.8	43.8	39.5	35.3	31.7	28.0
117.5°	53.5	53.2	52.6	51.3	48.3	44.6	40.9	37.3	33.5	30.2	27.0
120°	51.0	49.9	48.8	47.2	44.8	41.3	37.9	34.7	31.4	28.5	25.8
122.5°	48.8	47.0	45.2	43.4	41.2	38.0	34.8	31.8	29.1	26.4	24.1
125°	46.9	44.5	42.0	39.8	37.4	34.6	31.6	28.7	26.3	24.1	22.1
127.5°	45.4	42.4	39.3	36.5	33.9	31.1	28.3	25.6	23.3	22.2	21.0
130°	44.2	40.8	37.2	33.7	30.6	27.7	25.7	24.0	22.5	21.3	20.2
132.5°	43.8	39.7	35.7	31.8	29.1	26.8	24.8	23.3	21.8	20.5	19.4
135°	42.7	38.2	34.6	31.1	28.2	25.9	24.1	22.5	21.0	19.8	18.6
137.5°	40.8	36.4	33.2	30.2	27.3	25.1	23.2	21.7	20.3	19.0	17.9
140°	38.6	34.9	31.6	28.9	26.4	24.2	22.4	20.8	19.5	18.3	17.1
142.5°	36.1	32.9	29.9	27.4	25.2	23.2	21.5	19.9	18.5	17.5	16.5
145°	33.3	30.5	28.0	25.7	23.7	21.9	20.4	19.0	17.6	16.4	15.5
147.5°	30.0	27.7	25.6	23.7	22.0	20.3	18.9	17.7	16.6	15.4	14.3
150°	26.1	24.4	22.8	21.3	19.9	18.5	17.2	16.0	15.1	14.3	13.4
152.5°	21.8	20.6	19.4	18.2	17.1	16.2	15.2	14.1	13.4	12.9	12.4
155°	17.0	16.2	15.4	14.6	14.3	13.9	13.6	13.2	12.5	11.9	11.2
157.5°	13.8	13.6	13.4	13.1	12.8	12.5	12.2	11.8	11.4	11.0	10.4
160°	12.3	12.1	11.8	11.6	11.4	11.1	10.8	10.5	10.1	9.7	9.4
162.5°	10.7	10.5	10.3	10.1	9.9	9.7	9.4	9.1	8.8	8.5	8.2
165°	9.2	9.0	8.9	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0
167.5°	7.6	7.5	7.4	7.2	7.1	6.9	6.7	6.5	6.3	6.0	5.8
170°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
172.5°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5
175°	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3
177.5°	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	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°	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5
10°	4.4	4.2	4.0	3.7	3.5	3.3	3.0	2.8	2.5	2.2	2.0
12.5°	5.5	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.1	2.8	2.5
15°	6.7	6.3	6.0	5.7	5.3	5.0	4.6	4.2	3.8	3.4	3.0
17.5°	7.8	7.4	7.1	6.7	6.2	5.8	5.3	4.8	4.4	3.9	3.4
20°	9.0	8.5	8.0	7.4	6.9	6.4	5.9	5.4	4.9	4.4	3.8
22.5°	9.8	9.2	8.7	8.2	7.7	7.2	6.6	6.0	5.4	4.8	4.2
25°	10.7	10.2	9.7	9.1	8.5	7.8	7.1	6.4	5.8	5.2	4.6
27.5°	11.9	11.2	10.4	9.7	9.0	8.4	7.8	7.2	6.5	5.7	5.0
30°	12.6	11.8	11.2	10.6	10.0	9.2	8.3	7.5	6.8	6.1	5.3
32.5°	13.5	12.9	12.2	11.3	10.4	9.6	8.9	8.2	7.4	6.6	5.8
35°	14.7	13.7	12.7	11.9	11.2	10.5	9.6	8.6	7.7	6.8	5.9
37.5°	15.3	14.3	13.6	12.8	11.9	10.8	9.8	8.8	7.8	6.9	6.1
40°	16.1	15.2	14.3	13.2	12.2	11.1	10.0	9.1	8.3	7.5	6.5
42.5°	16.9	15.8	14.8	13.6	12.5	11.5	10.7	9.8	8.7	7.6	6.6
45°	17.5	16.4	15.3	14.2	13.3	12.3	11.1	9.9	9.0	8.1	7.2
47.5°	18.2	17.1	16.0	15.0	13.8	12.5	11.5	10.6	9.6	8.4	7.3
50°	19.0	17.9	16.9	15.4	14.1	13.1	12.1	10.9	9.7	8.8	7.8
52.5°	19.8	18.7	17.2	15.8	14.8	13.6	12.4	11.2	10.2	9.4	8.5
55°	20.7	19.1	17.6	16.5	15.3	14.0	12.7	11.7	10.9	9.9	8.7
57.5°	21.9	19.6	18.3	17.1	15.7	14.2	13.3	12.5	11.1	9.8	8.6
60°	23.0	20.9	19.2	17.6	15.9	14.9	14.0	12.5	11.1	9.8	8.5
62.5°	24.2	22.0	20.1	17.9	16.5	15.7	14.0	12.6	11.3	9.7	8.3
65°	25.2	22.8	20.5	18.4	17.3	15.6	14.2	12.9	11.1	9.5	8.0
67.5°	26.0	23.5	20.8	18.9	17.2	15.4	14.1	12.7	10.9	9.2	7.7
70°	26.9	23.9	21.2	19.1	17.0	15.1	13.6	12.0	10.5	8.9	7.3
72.5°	27.6	24.3	21.5	19.1	16.8	14.7	13.1	11.3	9.8	8.3	6.8
75°	28.3	24.8	21.6	19.1	16.3	14.5	12.5	10.7	9.2	7.7	6.2
77.5°	29.0	25.2	21.9	19.0	15.9	14.2	12.0	10.3	8.7	7.2	5.8
80°	29.8	25.8	22.2	18.8	15.9	13.7	11.6	10.0	8.4	6.8	5.5
82.5°	30.6	26.4	22.6	18.7	15.7	13.1	11.0	9.4	7.9	6.5	5.0
85°	31.6	27.1	23.0	18.8	15.5	12.6	10.4	8.8	7.3	6.0	4.7
87.5°	32.7	28.1	23.6	19.0	15.4	12.3	10.0	8.4	6.8	5.8	4.7
90°	34.1	29.2	24.3	19.5	15.4	12.2	9.7	8.1	6.5	5.7	4.9
92.5°	32.7	28.1	23.6	19.0	15.4	12.3	10.0	8.4	6.8	5.8	4.7
95°	31.6	27.1	23.0	18.8	15.5	12.6	10.4	8.8	7.3	6.0	4.7
97.5°	30.6	26.4	22.6	18.7	15.7	13.1	11.0	9.4	7.9	6.5	5.0
100°	29.8	25.8	22.2	18.8	15.9	13.7	11.6	10.0	8.4	6.8	5.5
102.5°	29.0	25.2	21.9	19.0	15.9	14.2	12.0	10.3	8.7	7.2	5.8
105°	28.3	24.8	21.6	19.1	16.3	14.5	12.5	10.7	9.2	7.7	6.2
107.5°	27.6	24.3	21.5	19.1	16.8	14.7	13.1	11.3	9.8	8.3	6.8
110°	26.9	23.9	21.2	19.1	17.0	15.1	13.6	12.0	10.5	8.9	7.3



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	26.0	23.5	20.8	18.9	17.2	15.4	14.1	12.7	10.9	9.2	7.7
115°	25.2	22.8	20.5	18.4	17.3	15.6	14.2	12.9	11.1	9.5	8.0
117.5°	24.2	22.0	20.1	17.9	16.5	15.7	14.0	12.6	11.3	9.7	8.3
120°	23.0	20.9	19.2	17.6	15.9	14.9	14.0	12.5	11.1	9.8	8.5
122.5°	21.9	19.6	18.3	17.1	15.7	14.2	13.3	12.5	11.1	9.8	8.6
125°	20.7	19.1	17.6	16.5	15.3	14.0	12.7	11.7	10.9	9.9	8.7
127.5°	19.8	18.7	17.2	15.8	14.8	13.6	12.4	11.2	10.2	9.4	8.5
130°	19.0	17.9	16.9	15.4	14.1	13.1	12.1	10.9	9.7	8.8	7.8
132.5°	18.2	17.1	16.0	15.0	13.8	12.5	11.5	10.6	9.6	8.4	7.3
135°	17.5	16.4	15.3	14.2	13.3	12.3	11.1	9.9	9.0	8.1	7.2
137.5°	16.9	15.8	14.8	13.6	12.5	11.5	10.7	9.8	8.7	7.6	6.6
140°	16.1	15.2	14.3	13.2	12.2	11.1	10.0	9.1	8.3	7.5	6.5
142.5°	15.3	14.3	13.6	12.8	11.9	10.8	9.8	8.8	7.8	6.9	6.1
145°	14.7	13.7	12.7	11.9	11.2	10.5	9.6	8.6	7.7	6.8	5.9
147.5°	13.5	12.9	12.2	11.3	10.4	9.6	8.9	8.2	7.4	6.6	5.8
150°	12.6	11.8	11.2	10.6	10.0	9.2	8.3	7.5	6.8	6.1	5.3
152.5°	11.9	11.2	10.4	9.7	9.0	8.4	7.8	7.2	6.5	5.7	5.0
155°	10.7	10.2	9.7	9.1	8.5	7.8	7.1	6.4	5.8	5.2	4.6
157.5°	9.8	9.2	8.7	8.2	7.7	7.2	6.6	6.0	5.4	4.8	4.2
160°	9.0	8.5	8.0	7.4	6.9	6.4	5.9	5.4	4.9	4.4	3.8
162.5°	7.8	7.4	7.1	6.7	6.2	5.8	5.3	4.8	4.4	3.9	3.4
165°	6.7	6.3	6.0	5.7	5.3	5.0	4.6	4.2	3.8	3.4	3.0
167.5°	5.5	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.1	2.8	2.5
170°	4.4	4.2	4.0	3.7	3.5	3.3	3.0	2.8	2.5	2.2	2.0
172.5°	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5
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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	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: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-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°	1.3	1.1	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
10°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
12.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
15°	2.6	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
17.5°	2.9	2.4	1.9	1.5	1.0	0.5	0.0	0.5	1.0	1.5	1.9
20°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
22.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
25°	4.0	3.3	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
27.5°	4.3	3.6	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
30°	4.6	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
32.5°	4.9	4.1	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
35°	5.0	4.2	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
37.5°	5.2	4.4	3.5	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.5
40°	5.6	4.6	3.7	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.7
42.5°	5.8	4.8	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
45°	6.1	5.1	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
47.5°	6.2	5.3	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
50°	6.8	5.7	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
52.5°	7.4	6.1	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
55°	7.4	6.0	4.8	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.8
57.5°	7.3	6.0	4.7	3.5	2.3	1.1	0.0	1.1	2.3	3.5	4.7
60°	7.2	5.9	4.6	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.6
62.5°	6.9	5.7	4.4	3.3	2.1	1.1	0.0	1.1	2.1	3.3	4.4
65°	6.6	5.4	4.2	3.1	2.0	1.0	0.0	1.0	2.0	3.1	4.2
67.5°	6.3	5.1	4.0	2.8	1.8	0.9	0.0	0.9	1.8	2.8	4.0
70°	5.8	4.6	3.5	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.5
72.5°	5.3	4.2	3.1	2.1	1.2	0.6	0.0	0.6	1.2	2.1	3.1
75°	5.1	3.9	2.6	1.8	1.3	0.7	0.0	0.7	1.3	1.8	2.6
77.5°	4.7	3.2	2.4	1.5	0.6	0.1	0.0	0.1	0.6	1.5	2.4
80°	3.9	2.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
82.5°	3.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.9	2.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
102.5°	4.7	3.2	2.4	1.5	0.6	0.1	0.0	0.1	0.6	1.5	2.4
105°	5.1	3.9	2.6	1.8	1.3	0.7	0.0	0.7	1.3	1.8	2.6
107.5°	5.3	4.2	3.1	2.1	1.2	0.6	0.0	0.6	1.2	2.1	3.1
110°	5.8	4.6	3.5	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.5



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	6.3	5.1	4.0	2.8	1.8	0.9	0.0	0.9	1.8	2.8	4.0
115°	6.6	5.4	4.2	3.1	2.0	1.0	0.0	1.0	2.0	3.1	4.2
117.5°	6.9	5.7	4.4	3.3	2.1	1.1	0.0	1.1	2.1	3.3	4.4
120°	7.2	5.9	4.6	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.6
122.5°	7.3	6.0	4.7	3.5	2.3	1.1	0.0	1.1	2.3	3.5	4.7
125°	7.4	6.0	4.8	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.8
127.5°	7.4	6.1	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
130°	6.8	5.7	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
132.5°	6.2	5.3	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
135°	6.1	5.1	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
137.5°	5.8	4.8	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
140°	5.6	4.6	3.7	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.7
142.5°	5.2	4.4	3.5	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.5
145°	5.0	4.2	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
147.5°	4.9	4.1	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
150°	4.6	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
152.5°	4.3	3.6	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
155°	4.0	3.3	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
157.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
160°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
162.5°	2.9	2.4	1.9	1.5	1.0	0.5	0.0	0.5	1.0	1.5	1.9
165°	2.6	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
167.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
170°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
172.5°	1.3	1.1	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: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-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	0.7	0.8	0.9	0.9	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°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.8	3.0
10°	1.4	1.7	2.0	2.2	2.5	2.8	3.0	3.3	3.5	3.7	4.0
12.5°	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0
15°	2.2	2.6	3.0	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.0
17.5°	2.4	2.9	3.4	3.9	4.4	4.8	5.3	5.8	6.2	6.7	7.1
20°	2.8	3.3	3.8	4.4	4.9	5.4	5.9	6.4	6.9	7.4	8.0
22.5°	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.7	8.2	8.7
25°	3.3	4.0	4.6	5.2	5.8	6.4	7.1	7.8	8.5	9.1	9.7
27.5°	3.6	4.3	5.0	5.7	6.5	7.2	7.8	8.4	9.0	9.7	10.4
30°	3.9	4.6	5.3	6.1	6.8	7.5	8.3	9.2	10.0	10.6	11.2
32.5°	4.1	4.9	5.8	6.6	7.4	8.2	8.9	9.6	10.4	11.3	12.2
35°	4.2	5.0	5.9	6.8	7.7	8.6	9.6	10.5	11.2	11.9	12.7
37.5°	4.4	5.2	6.1	6.9	7.8	8.8	9.8	10.8	11.9	12.8	13.6
40°	4.6	5.6	6.5	7.5	8.3	9.1	10.0	11.1	12.2	13.2	14.3
42.5°	4.8	5.8	6.6	7.6	8.7	9.8	10.7	11.5	12.5	13.6	14.8
45°	5.1	6.1	7.2	8.1	9.0	9.9	11.1	12.3	13.3	14.2	15.3
47.5°	5.3	6.2	7.3	8.4	9.6	10.6	11.5	12.5	13.8	15.0	16.0
50°	5.7	6.8	7.8	8.8	9.7	10.9	12.1	13.1	14.1	15.4	16.9
52.5°	6.1	7.4	8.5	9.4	10.2	11.2	12.4	13.6	14.8	15.8	17.2
55°	6.0	7.4	8.7	9.9	10.9	11.7	12.7	14.0	15.3	16.5	17.6
57.5°	6.0	7.3	8.6	9.8	11.1	12.5	13.3	14.2	15.7	17.1	18.3
60°	5.9	7.2	8.5	9.8	11.1	12.5	14.0	14.9	15.9	17.6	19.2
62.5°	5.7	6.9	8.3	9.7	11.3	12.6	14.0	15.7	16.5	17.9	20.1
65°	5.4	6.6	8.0	9.5	11.1	12.9	14.2	15.6	17.3	18.4	20.5
67.5°	5.1	6.3	7.7	9.2	10.9	12.7	14.1	15.4	17.2	18.9	20.8
70°	4.6	5.8	7.3	8.9	10.5	12.0	13.6	15.1	17.0	19.1	21.2
72.5°	4.2	5.3	6.8	8.3	9.8	11.3	13.1	14.7	16.8	19.1	21.5
75°	3.9	5.1	6.2	7.7	9.2	10.7	12.5	14.5	16.3	19.1	21.6
77.5°	3.2	4.7	5.8	7.2	8.7	10.3	12.0	14.2	15.9	19.0	21.9
80°	2.8	3.9	5.5	6.8	8.4	10.0	11.6	13.7	15.9	18.8	22.2
82.5°	2.0	3.5	5.0	6.5	7.9	9.4	11.0	13.1	15.7	18.7	22.6
85°	0.9	3.1	4.7	6.0	7.3	8.8	10.4	12.6	15.5	18.8	23.0
87.5°	0.3	3.0	4.7	5.8	6.8	8.4	10.0	12.3	15.4	19.0	23.6
90°	0.0	3.2	4.9	5.7	6.5	8.1	9.7	12.2	15.4	19.5	24.3
92.5°	0.3	3.0	4.7	5.8	6.8	8.4	10.0	12.3	15.4	19.0	23.6
95°	0.9	3.1	4.7	6.0	7.3	8.8	10.4	12.6	15.5	18.8	23.0
97.5°	2.0	3.5	5.0	6.5	7.9	9.4	11.0	13.1	15.7	18.7	22.6
100°	2.8	3.9	5.5	6.8	8.4	10.0	11.6	13.7	15.9	18.8	22.2
102.5°	3.2	4.7	5.8	7.2	8.7	10.3	12.0	14.2	15.9	19.0	21.9
105°	3.9	5.1	6.2	7.7	9.2	10.7	12.5	14.5	16.3	19.1	21.6
107.5°	4.2	5.3	6.8	8.3	9.8	11.3	13.1	14.7	16.8	19.1	21.5
110°	4.6	5.8	7.3	8.9	10.5	12.0	13.6	15.1	17.0	19.1	21.2



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	5.1	6.3	7.7	9.2	10.9	12.7	14.1	15.4	17.2	18.9	20.8
115°	5.4	6.6	8.0	9.5	11.1	12.9	14.2	15.6	17.3	18.4	20.5
117.5°	5.7	6.9	8.3	9.7	11.3	12.6	14.0	15.7	16.5	17.9	20.1
120°	5.9	7.2	8.5	9.8	11.1	12.5	14.0	14.9	15.9	17.6	19.2
122.5°	6.0	7.3	8.6	9.8	11.1	12.5	13.3	14.2	15.7	17.1	18.3
125°	6.0	7.4	8.7	9.9	10.9	11.7	12.7	14.0	15.3	16.5	17.6
127.5°	6.1	7.4	8.5	9.4	10.2	11.2	12.4	13.6	14.8	15.8	17.2
130°	5.7	6.8	7.8	8.8	9.7	10.9	12.1	13.1	14.1	15.4	16.9
132.5°	5.3	6.2	7.3	8.4	9.6	10.6	11.5	12.5	13.8	15.0	16.0
135°	5.1	6.1	7.2	8.1	9.0	9.9	11.1	12.3	13.3	14.2	15.3
137.5°	4.8	5.8	6.6	7.6	8.7	9.8	10.7	11.5	12.5	13.6	14.8
140°	4.6	5.6	6.5	7.5	8.3	9.1	10.0	11.1	12.2	13.2	14.3
142.5°	4.4	5.2	6.1	6.9	7.8	8.8	9.8	10.8	11.9	12.8	13.6
145°	4.2	5.0	5.9	6.8	7.7	8.6	9.6	10.5	11.2	11.9	12.7
147.5°	4.1	4.9	5.8	6.6	7.4	8.2	8.9	9.6	10.4	11.3	12.2
150°	3.9	4.6	5.3	6.1	6.8	7.5	8.3	9.2	10.0	10.6	11.2
152.5°	3.6	4.3	5.0	5.7	6.5	7.2	7.8	8.4	9.0	9.7	10.4
155°	3.3	4.0	4.6	5.2	5.8	6.4	7.1	7.8	8.5	9.1	9.7
157.5°	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.7	8.2	8.7
160°	2.8	3.3	3.8	4.4	4.9	5.4	5.9	6.4	6.9	7.4	8.0
162.5°	2.4	2.9	3.4	3.9	4.4	4.8	5.3	5.8	6.2	6.7	7.1
165°	2.2	2.6	3.0	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.0
167.5°	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0
170°	1.4	1.7	2.0	2.2	2.5	2.8	3.0	3.3	3.5	3.7	4.0
172.5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.8	3.0
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	0.7	0.8	0.9	0.9	1.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5
5°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	2.9
7.5°	3.1	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.4
10°	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.8	5.9
12.5°	5.3	5.5	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.2	7.4
15°	6.3	6.7	7.0	7.3	7.5	7.8	8.0	8.3	8.5	8.7	8.9
17.5°	7.4	7.8	8.2	8.5	8.8	9.1	9.4	9.7	9.9	10.1	10.3
20°	8.5	9.0	9.4	9.7	10.1	10.5	10.8	11.1	11.4	11.6	11.8
22.5°	9.2	9.8	10.4	11.0	11.4	11.8	12.2	12.5	12.8	13.1	13.4
25°	10.2	10.7	11.2	11.9	12.5	13.2	13.6	13.9	14.3	14.6	15.4
27.5°	11.2	11.9	12.4	12.9	13.4	14.1	15.2	16.2	17.1	18.2	19.4
30°	11.8	12.6	13.4	14.3	15.1	16.0	17.2	18.5	19.9	21.3	22.8
32.5°	12.9	13.5	14.3	15.4	16.6	17.7	18.9	20.3	22.0	23.7	25.6
35°	13.7	14.7	15.5	16.4	17.6	19.0	20.4	21.9	23.7	25.7	28.0
37.5°	14.3	15.3	16.5	17.5	18.5	19.9	21.5	23.2	25.2	27.4	29.9
40°	15.2	16.1	17.1	18.3	19.5	20.8	22.4	24.2	26.4	28.9	31.6
42.5°	15.8	16.9	17.9	19.0	20.3	21.7	23.2	25.1	27.3	30.2	33.2
45°	16.4	17.5	18.6	19.8	21.0	22.5	24.1	25.9	28.2	31.1	34.6
47.5°	17.1	18.2	19.4	20.5	21.8	23.3	24.8	26.8	29.1	31.8	35.7
50°	17.9	19.0	20.2	21.3	22.5	24.0	25.7	27.7	30.6	33.7	37.2
52.5°	18.7	19.8	21.0	22.2	23.3	25.6	28.3	31.1	33.9	36.5	39.3
55°	19.1	20.7	22.1	24.1	26.3	28.7	31.6	34.6	37.4	39.8	42.0
57.5°	19.6	21.9	24.1	26.4	29.1	31.8	34.8	38.0	41.2	43.4	45.2
60°	20.9	23.0	25.8	28.5	31.4	34.7	37.9	41.3	44.8	47.2	48.8
62.5°	22.0	24.2	27.0	30.2	33.5	37.3	40.9	44.6	48.3	51.3	52.6
65°	22.8	25.2	28.0	31.7	35.3	39.5	43.8	47.8	51.8	55.5	56.8
67.5°	23.5	26.0	29.1	32.9	37.0	41.5	46.5	51.1	55.3	59.5	60.9
70°	23.9	26.9	30.1	34.0	38.6	43.4	49.0	54.2	58.7	62.9	64.0
72.5°	24.3	27.6	30.9	35.0	40.0	45.0	50.5	55.4	59.4	62.6	63.9
75°	24.8	28.3	31.8	36.1	41.0	46.0	51.2	56.2	60.0	62.6	63.8
77.5°	25.2	29.0	32.9	37.3	42.2	47.2	52.1	57.1	60.8	62.9	63.8
80°	25.8	29.8	34.0	38.4	43.6	48.6	53.3	58.2	61.9	63.4	63.8
82.5°	26.4	30.6	35.2	39.7	45.2	50.2	54.7	59.5	63.1	64.1	63.9
85°	27.1	31.6	36.5	41.2	47.0	51.9	56.3	60.9	64.4	64.8	64.0
87.5°	28.1	32.7	38.0	42.8	49.0	53.9	58.1	62.4	65.8	65.7	64.1
90°	29.2	34.1	39.7	44.6	51.1	56.0	60.0	64.1	67.3	66.5	64.1
92.5°	28.1	32.7	38.0	42.8	49.0	53.9	58.1	62.4	65.8	65.7	64.1
95°	27.1	31.6	36.5	41.2	47.0	51.9	56.3	60.9	64.4	64.8	64.0
97.5°	26.4	30.6	35.2	39.7	45.2	50.2	54.7	59.5	63.1	64.1	63.9
100°	25.8	29.8	34.0	38.4	43.6	48.6	53.3	58.2	61.9	63.4	63.8
102.5°	25.2	29.0	32.9	37.3	42.2	47.2	52.1	57.1	60.8	62.9	63.8
105°	24.8	28.3	31.8	36.1	41.0	46.0	51.2	56.2	60.0	62.6	63.8
107.5°	24.3	27.6	30.9	35.0	40.0	45.0	50.5	55.4	59.4	62.6	63.9
110°	23.9	26.9	30.1	34.0	38.6	43.4	49.0	54.2	58.7	62.9	64.0



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	23.5	26.0	29.1	32.9	37.0	41.5	46.5	51.1	55.3	59.5	60.9
115°	22.8	25.2	28.0	31.7	35.3	39.5	43.8	47.8	51.8	55.5	56.8
117.5°	22.0	24.2	27.0	30.2	33.5	37.3	40.9	44.6	48.3	51.3	52.6
120°	20.9	23.0	25.8	28.5	31.4	34.7	37.9	41.3	44.8	47.2	48.8
122.5°	19.6	21.9	24.1	26.4	29.1	31.8	34.8	38.0	41.2	43.4	45.2
125°	19.1	20.7	22.1	24.1	26.3	28.7	31.6	34.6	37.4	39.8	42.0
127.5°	18.7	19.8	21.0	22.2	23.3	25.6	28.3	31.1	33.9	36.5	39.3
130°	17.9	19.0	20.2	21.3	22.5	24.0	25.7	27.7	30.6	33.7	37.2
132.5°	17.1	18.2	19.4	20.5	21.8	23.3	24.8	26.8	29.1	31.8	35.7
135°	16.4	17.5	18.6	19.8	21.0	22.5	24.1	25.9	28.2	31.1	34.6
137.5°	15.8	16.9	17.9	19.0	20.3	21.7	23.2	25.1	27.3	30.2	33.2
140°	15.2	16.1	17.1	18.3	19.5	20.8	22.4	24.2	26.4	28.9	31.6
142.5°	14.3	15.3	16.5	17.5	18.5	19.9	21.5	23.2	25.2	27.4	29.9
145°	13.7	14.7	15.5	16.4	17.6	19.0	20.4	21.9	23.7	25.7	28.0
147.5°	12.9	13.5	14.3	15.4	16.6	17.7	18.9	20.3	22.0	23.7	25.6
150°	11.8	12.6	13.4	14.3	15.1	16.0	17.2	18.5	19.9	21.3	22.8
152.5°	11.2	11.9	12.4	12.9	13.4	14.1	15.2	16.2	17.1	18.2	19.4
155°	10.2	10.7	11.2	11.9	12.5	13.2	13.6	13.9	14.3	14.6	15.4
157.5°	9.2	9.8	10.4	11.0	11.4	11.8	12.2	12.5	12.8	13.1	13.4
160°	8.5	9.0	9.4	9.7	10.1	10.5	10.8	11.1	11.4	11.6	11.8
162.5°	7.4	7.8	8.2	8.5	8.8	9.1	9.4	9.7	9.9	10.1	10.3
165°	6.3	6.7	7.0	7.3	7.5	7.8	8.0	8.3	8.5	8.7	8.9
167.5°	5.3	5.5	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.2	7.4
170°	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.8	5.9
172.5°	3.1	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.4
175°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	2.9
177.5°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8
5°	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.7
7.5°	4.5	4.6	4.6	4.7	4.8	4.8	4.8	4.8	4.9	4.9	5.5
10°	6.0	6.1	6.2	6.3	6.3	6.4	6.4	6.5	6.5	6.5	7.3
12.5°	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.1	8.1	9.2
15°	9.0	9.2	9.3	9.4	9.5	9.6	9.7	9.7	9.7	9.7	11.0
17.5°	10.5	10.7	10.9	11.0	11.1	11.2	11.3	11.3	11.3	11.4	12.8
20°	12.1	12.3	12.4	12.6	12.7	12.8	12.9	12.9	13.0	13.0	14.6
22.5°	13.6	13.8	14.0	14.1	14.3	14.4	14.5	14.5	14.6	14.6	16.5
25°	16.2	17.0	17.9	18.5	19.1	19.5	19.8	19.9	19.9	19.8	21.7
27.5°	20.6	21.8	23.0	23.9	24.7	25.2	25.4	25.4	25.3	25.0	27.0
30°	24.4	26.1	27.7	29.2	30.2	31.0	31.0	30.9	30.6	30.3	32.3
32.5°	27.7	30.0	32.1	34.1	35.6	36.6	36.7	36.5	36.0	35.5	37.5
35°	30.5	33.3	36.2	38.7	40.9	42.1	42.5	42.1	41.5	40.7	42.7
37.5°	32.9	36.1	39.7	43.0	46.1	47.6	48.4	47.7	46.9	45.9	47.9
40°	34.9	38.6	42.8	47.0	50.6	52.9	54.3	53.4	52.3	51.2	53.1
42.5°	36.4	40.8	45.6	50.9	55.1	58.3	60.2	59.1	57.8	56.4	58.2
45°	38.2	42.7	48.1	54.0	59.3	63.6	65.7	64.8	63.3	61.6	63.3
47.5°	39.7	43.8	49.2	54.9	60.3	64.9	67.3	67.5	66.9	66.5	69.9
50°	40.8	44.2	49.1	54.5	60.1	65.2	68.4	69.8	70.3	71.3	76.6
52.5°	42.4	45.4	49.4	54.4	59.9	65.3	69.4	72.0	73.6	76.2	83.5
55°	44.5	46.9	50.0	54.4	59.8	65.4	70.3	74.0	76.9	81.1	90.4
57.5°	47.0	48.8	50.9	54.7	59.8	65.5	71.1	75.9	80.0	85.9	97.4
60°	49.9	51.0	52.1	55.4	60.0	65.6	71.8	77.7	83.1	90.8	104.6
62.5°	53.2	53.5	54.0	56.3	60.3	65.8	72.4	79.4	86.1	95.7	111.8
65°	56.8	56.3	56.0	57.4	60.8	66.0	73.0	81.0	89.0	100.5	119.0
67.5°	60.6	59.4	58.3	58.7	61.4	66.2	73.6	82.5	91.9	105.4	126.3
70°	62.9	60.9	59.0	58.7	61.0	65.6	72.9	81.7	91.2	104.9	125.7
72.5°	62.7	60.5	58.6	58.2	60.3	64.9	72.1	80.9	90.4	104.3	125.0
75°	62.4	60.1	58.1	57.7	59.7	64.3	71.5	80.1	89.7	103.8	124.9
77.5°	62.2	59.6	57.5	57.2	59.1	63.7	70.9	79.4	89.0	103.3	123.8
80°	62.0	59.1	56.9	56.8	58.6	63.2	70.4	78.7	88.4	102.7	122.7
82.5°	61.7	58.6	56.3	56.3	58.1	62.7	69.9	78.0	87.7	102.2	121.6
85°	61.5	58.0	55.6	55.9	57.6	62.3	69.6	77.4	87.1	101.7	120.6
87.5°	61.2	57.4	55.0	55.5	57.2	61.9	69.2	76.8	86.5	101.1	119.5
90°	60.8	56.8	54.3	55.1	56.8	61.6	68.9	76.2	86.0	100.6	118.4
92.5°	61.2	57.4	55.0	55.5	57.2	61.9	69.2	76.8	86.5	101.1	119.5
95°	61.5	58.0	55.6	55.9	57.6	62.3	69.6	77.4	87.1	101.7	120.6
97.5°	61.7	58.6	56.3	56.3	58.1	62.7	69.9	78.0	87.7	102.2	121.6
100°	62.0	59.1	56.9	56.8	58.6	63.2	70.4	78.7	88.4	102.7	122.7
102.5°	62.2	59.6	57.5	57.2	59.1	63.7	70.9	79.4	89.0	103.3	123.8
105°	62.4	60.1	58.1	57.7	59.7	64.3	71.5	80.1	89.7	103.8	124.9
107.5°	62.7	60.5	58.6	58.2	60.3	64.9	72.1	80.9	90.4	104.3	125.0
110°	62.9	60.9	59.0	58.7	61.0	65.6	72.9	81.7	91.2	104.9	125.7



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	60.6	59.4	58.3	58.7	61.4	66.2	73.6	82.5	91.9	105.4	126.3
115°	56.8	56.3	56.0	57.4	60.8	66.0	73.0	81.0	89.0	100.5	119.0
117.5°	53.2	53.5	54.0	56.3	60.3	65.8	72.4	79.4	86.1	95.7	111.8
120°	49.9	51.0	52.1	55.4	60.0	65.6	71.8	77.7	83.1	90.8	104.6
122.5°	47.0	48.8	50.9	54.7	59.8	65.5	71.1	75.9	80.0	85.9	97.4
125°	44.5	46.9	50.0	54.4	59.8	65.4	70.3	74.0	76.9	81.1	90.4
127.5°	42.4	45.4	49.4	54.4	59.9	65.3	69.4	72.0	73.6	76.2	83.5
130°	40.8	44.2	49.1	54.5	60.1	65.2	68.4	69.8	70.3	71.3	76.6
132.5°	39.7	43.8	49.2	54.9	60.3	64.9	67.3	67.5	66.9	66.5	69.9
135°	38.2	42.7	48.1	54.0	59.3	63.6	65.7	64.8	63.3	61.6	63.3
137.5°	36.4	40.8	45.6	50.9	55.1	58.3	60.2	59.1	57.8	56.4	58.2
140°	34.9	38.6	42.8	47.0	50.6	52.9	54.3	53.4	52.3	51.2	53.1
142.5°	32.9	36.1	39.7	43.0	46.1	47.6	48.4	47.7	46.9	45.9	47.9
145°	30.5	33.3	36.2	38.7	40.9	42.1	42.5	42.1	41.5	40.7	42.7
147.5°	27.7	30.0	32.1	34.1	35.6	36.6	36.7	36.5	36.0	35.5	37.5
150°	24.4	26.1	27.7	29.2	30.2	31.0	31.0	30.9	30.6	30.3	32.3
152.5°	20.6	21.8	23.0	23.9	24.7	25.2	25.4	25.4	25.3	25.0	27.0
155°	16.2	17.0	17.9	18.5	19.1	19.5	19.8	19.9	19.9	19.8	21.7
157.5°	13.6	13.8	14.0	14.1	14.3	14.4	14.5	14.5	14.6	14.6	16.5
160°	12.1	12.3	12.4	12.6	12.7	12.8	12.9	12.9	13.0	13.0	14.6
162.5°	10.5	10.7	10.9	11.0	11.1	11.2	11.3	11.3	11.3	11.4	12.8
165°	9.0	9.2	9.3	9.4	9.5	9.6	9.7	9.7	9.7	9.7	11.0
167.5°	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.1	8.1	9.2
170°	6.0	6.1	6.2	6.3	6.3	6.4	6.4	6.5	6.5	6.5	7.3
172.5°	4.5	4.6	4.6	4.7	4.8	4.8	4.8	4.8	4.9	4.9	5.5
175°	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.7
177.5°	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-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°	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.9
5°	4.1	4.5	4.9	5.3	5.7	6.0	6.4	6.7	7.1	7.4	7.7
7.5°	6.1	6.7	7.3	7.9	8.5	9.1	9.6	10.4	11.2	11.9	12.6
10°	8.2	9.0	9.8	10.6	11.4	12.5	13.5	14.5	15.5	16.5	17.5
12.5°	10.2	11.2	12.2	13.3	14.7	16.0	17.3	18.6	19.8	20.9	22.0
15°	12.2	13.4	14.7	16.3	17.9	19.5	21.0	22.4	23.8	25.1	26.5
17.5°	14.3	15.7	17.4	19.3	21.1	22.9	24.5	26.0	27.6	29.1	30.6
20°	16.3	17.9	20.1	22.1	24.2	26.0	27.8	29.5	31.3	32.9	34.6
22.5°	18.3	20.3	22.7	25.0	27.1	29.0	31.0	32.9	34.8	36.6	38.5
25°	23.6	25.8	28.1	30.3	32.2	34.0	35.6	37.2	38.7	40.1	42.1
27.5°	28.9	31.4	33.9	36.2	38.2	40.0	41.7	43.3	44.9	46.4	47.5
30°	34.2	37.0	39.8	42.0	44.3	45.9	47.6	49.3	51.0	52.2	53.2
32.5°	39.6	42.6	45.4	47.8	49.9	51.6	53.3	55.2	56.6	57.6	59.1
35°	44.9	48.1	50.9	53.5	55.4	57.1	59.0	60.8	61.8	63.0	64.9
37.5°	50.3	53.6	56.5	59.1	60.7	62.5	64.6	65.9	66.9	68.5	70.6
40°	55.6	59.1	62.0	64.4	65.9	67.9	69.9	70.7	71.9	73.6	76.6
42.5°	60.9	64.5	67.5	69.6	71.0	73.2	74.6	75.3	76.8	79.0	82.3
45°	66.2	69.8	72.9	74.6	76.2	78.4	79.2	80.0	81.2	84.4	88.0
47.5°	74.7	79.9	84.1	85.8	86.6	86.9	85.9	85.2	86.2	89.7	93.3
50°	83.6	90.8	96.8	99.8	100.0	99.3	98.4	97.9	98.6	99.8	101.3
52.5°	92.8	102.1	109.8	114.4	112.9	111.8	111.1	110.8	111.8	112.9	114.9
55°	102.2	113.8	123.1	128.4	125.4	124.2	123.8	123.9	124.7	125.6	127.8
57.5°	111.8	125.7	136.7	141.7	137.6	136.6	136.5	136.9	137.4	138.1	140.1
60°	121.6	137.9	150.6	154.7	150.0	149.0	149.3	149.6	149.7	150.3	151.3
62.5°	131.6	150.4	164.8	167.5	162.4	161.7	162.0	162.1	161.8	161.8	161.8
65°	141.7	163.0	179.2	179.9	174.8	174.3	174.7	174.3	173.5	172.8	171.6
67.5°	151.9	175.7	193.7	192.1	187.2	187.0	187.2	186.4	185.0	183.2	180.7
70°	151.7	176.8	196.9	197.4	195.2	195.5	195.8	195.4	194.4	192.5	189.1
72.5°	151.1	177.0	198.6	201.7	201.6	201.2	200.5	199.8	198.2	195.4	192.2
75°	150.3	177.0	200.2	206.7	208.2	206.7	205.0	204.1	201.8	198.1	194.8
77.5°	149.5	176.9	201.9	212.2	214.8	211.9	209.5	208.5	205.3	200.7	197.4
80°	149.3	176.7	203.4	218.2	221.4	216.9	213.8	212.8	208.6	203.3	200.1
82.5°	147.8	177.1	205.9	224.5	228.1	221.9	218.1	217.2	212.0	205.9	202.9
85°	146.4	176.1	206.8	231.3	234.9	226.6	222.3	221.5	215.3	208.5	205.7
87.5°	144.9	175.2	207.6	237.3	241.5	231.7	226.7	225.9	218.6	211.2	208.6
90°	143.5	174.3	208.4	243.3	248.1	236.8	231.1	230.3	222.2	214.1	211.6
92.5°	144.9	175.2	207.6	237.3	241.5	231.7	226.7	225.9	218.6	211.2	208.6
95°	146.4	176.1	206.8	231.3	234.9	226.6	222.3	221.5	215.3	208.5	205.7
97.5°	147.8	177.1	205.9	224.5	228.1	221.9	218.1	217.2	212.0	205.9	202.9
100°	149.3	176.7	203.4	218.2	221.4	216.9	213.8	212.8	208.6	203.3	200.1
102.5°	149.5	176.9	201.9	212.2	214.8	211.9	209.5	208.5	205.3	200.7	197.4
105°	150.3	177.0	200.2	206.7	208.2	206.7	205.0	204.1	201.8	198.1	194.8
107.5°	151.1	177.0	198.6	201.7	201.6	201.2	200.5	199.8	198.2	195.4	192.2
110°	151.7	176.8	196.9	197.4	195.2	195.5	195.8	195.4	194.4	192.5	189.1



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	151.9	175.7	193.7	192.1	187.2	187.0	187.2	186.4	185.0	183.2	180.7
115°	141.7	163.0	179.2	179.9	174.8	174.3	174.7	174.3	173.5	172.8	171.6
117.5°	131.6	150.4	164.8	167.5	162.4	161.7	162.0	162.1	161.8	161.8	161.8
120°	121.6	137.9	150.6	154.7	150.0	149.0	149.3	149.6	149.7	150.3	151.3
122.5°	111.8	125.7	136.7	141.7	137.6	136.6	136.5	136.9	137.4	138.1	140.1
125°	102.2	113.8	123.1	128.4	125.4	124.2	123.8	123.9	124.7	125.6	127.8
127.5°	92.8	102.1	109.8	114.4	112.9	111.8	111.1	110.8	111.8	112.9	114.9
130°	83.6	90.8	96.8	99.8	100.0	99.3	98.4	97.9	98.6	99.8	101.3
132.5°	74.7	79.9	84.1	85.8	86.6	86.9	85.9	85.2	86.2	89.7	93.3
135°	66.2	69.8	72.9	74.6	76.2	78.4	79.2	80.0	81.2	84.4	88.0
137.5°	60.9	64.5	67.5	69.6	71.0	73.2	74.6	75.3	76.8	79.0	82.3
140°	55.6	59.1	62.0	64.4	65.9	67.9	69.9	70.7	71.9	73.6	76.6
142.5°	50.3	53.6	56.5	59.1	60.7	62.5	64.6	65.9	66.9	68.5	70.6
145°	44.9	48.1	50.9	53.5	55.4	57.1	59.0	60.8	61.8	63.0	64.9
147.5°	39.6	42.6	45.4	47.8	49.9	51.6	53.3	55.2	56.6	57.6	59.1
150°	34.2	37.0	39.8	42.0	44.3	45.9	47.6	49.3	51.0	52.2	53.2
152.5°	28.9	31.4	33.9	36.2	38.2	40.0	41.7	43.3	44.9	46.4	47.5
155°	23.6	25.8	28.1	30.3	32.2	34.0	35.6	37.2	38.7	40.1	42.1
157.5°	18.3	20.3	22.7	25.0	27.1	29.0	31.0	32.9	34.8	36.6	38.5
160°	16.3	17.9	20.1	22.1	24.2	26.0	27.8	29.5	31.3	32.9	34.6
162.5°	14.3	15.7	17.4	19.3	21.1	22.9	24.5	26.0	27.6	29.1	30.6
165°	12.2	13.4	14.7	16.3	17.9	19.5	21.0	22.4	23.8	25.1	26.5
167.5°	10.2	11.2	12.2	13.3	14.7	16.0	17.3	18.6	19.8	20.9	22.0
170°	8.2	9.0	9.8	10.6	11.4	12.5	13.5	14.5	15.5	16.5	17.5
172.5°	6.1	6.7	7.3	7.9	8.5	9.1	9.6	10.4	11.2	11.9	12.6
175°	4.1	4.5	4.9	5.3	5.7	6.0	6.4	6.7	7.1	7.4	7.7
177.5°	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-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	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0
5°	8.2	8.6	9.0	9.4	9.8	10.2	10.5	10.8	11.1	11.3	11.6
7.5°	13.3	14.0	14.6	15.2	15.7	16.3	16.7	17.2	17.6	18.0	18.4
10°	18.3	19.1	19.9	20.7	21.4	22.1	22.8	23.4	23.9	24.5	25.0
12.5°	23.0	24.1	25.1	26.0	26.9	27.8	28.6	29.4	30.1	30.9	31.6
15°	27.6	28.8	30.0	31.1	32.2	33.4	34.6	35.7	36.7	37.7	38.7
17.5°	32.0	33.6	34.9	36.3	37.8	39.1	40.4	41.6	42.8	44.0	45.1
20°	36.3	38.0	39.6	41.2	42.7	44.1	45.6	47.0	48.4	49.8	51.0
22.5°	40.4	42.2	43.8	45.4	47.0	48.9	50.7	52.5	54.0	55.2	56.2
25°	43.9	45.6	47.5	49.6	51.9	54.0	56.1	57.9	59.4	60.8	62.3
27.5°	48.5	49.7	51.7	54.3	57.1	59.8	62.4	64.6	66.7	68.6	70.1
30°	54.7	56.6	58.7	61.3	63.8	66.9	70.1	72.8	75.2	77.2	79.0
32.5°	61.0	63.3	66.2	69.1	72.4	75.7	78.9	81.9	84.6	86.9	89.0
35°	67.3	70.3	73.5	77.1	80.7	84.4	87.9	91.3	94.4	97.5	100.6
37.5°	73.7	77.1	80.8	84.8	89.0	93.0	96.9	100.7	104.7	108.9	112.4
40°	79.9	83.8	88.0	92.6	97.2	101.7	106.1	110.6	115.1	119.7	124.4
42.5°	86.1	90.3	95.4	100.5	105.5	110.4	115.3	120.7	126.3	132.0	138.2
45°	91.9	97.2	102.7	108.3	113.6	118.9	125.0	131.0	137.6	144.8	153.5
47.5°	98.2	104.0	110.1	115.9	121.4	128.0	134.6	141.4	149.6	158.8	170.3
50°	104.9	110.8	117.2	123.0	129.9	136.9	143.7	152.2	162.3	174.7	188.6
52.5°	118.2	122.0	125.8	130.5	138.5	144.8	153.0	163.3	176.1	191.5	210.1
55°	130.6	133.6	136.9	141.7	147.0	152.8	162.3	175.1	190.7	210.1	232.0
57.5°	142.0	144.1	147.1	151.5	156.5	165.0	174.9	187.2	206.6	228.9	254.0
60°	152.4	153.5	156.1	160.4	167.5	177.4	188.3	204.4	224.0	246.7	279.2
62.5°	161.8	162.2	164.1	168.7	179.0	189.4	202.3	219.8	241.9	271.7	305.4
65°	170.4	170.0	172.1	178.7	190.2	200.0	214.8	235.4	262.2	294.9	331.3
67.5°	178.3	176.7	179.5	189.3	200.0	210.7	226.6	249.3	281.0	315.9	355.3
70°	185.6	182.9	186.5	199.8	208.5	219.8	238.5	265.2	297.7	333.7	377.2
72.5°	189.4	188.6	194.9	208.9	216.1	227.5	248.7	278.5	311.1	349.7	393.7
75°	192.2	193.0	202.0	215.0	224.2	236.9	259.3	289.2	320.9	362.2	407.7
77.5°	195.0	197.3	208.6	221.4	231.9	246.8	270.5	300.0	332.9	373.4	418.8
80°	198.0	201.5	214.6	228.1	239.3	255.1	279.8	308.8	343.0	384.0	431.8
82.5°	201.1	205.7	220.2	234.7	246.2	262.0	287.2	315.7	350.1	391.4	441.3
85°	204.3	209.7	225.2	241.2	252.7	267.7	292.9	320.8	354.4	395.7	447.1
87.5°	207.5	213.7	229.9	247.7	259.0	272.8	297.7	324.9	357.2	398.4	450.9
90°	210.8	217.3	233.5	253.0	264.4	276.5	300.0	326.0	356.0	395.7	447.6
92.5°	207.5	213.7	229.9	247.7	259.0	272.8	297.7	324.9	357.2	398.4	450.9
95°	204.3	209.7	225.2	241.2	252.7	267.7	292.9	320.8	354.4	395.7	447.1
97.5°	201.1	205.7	220.2	234.7	246.2	262.0	287.2	315.7	350.1	391.4	441.3
100°	198.0	201.5	214.6	228.1	239.3	255.1	279.8	308.8	343.0	384.0	431.8
102.5°	195.0	197.3	208.6	221.4	231.9	246.8	270.5	300.0	332.9	373.4	418.8
105°	192.2	193.0	202.0	215.0	224.2	236.9	259.3	289.2	320.9	362.2	407.7
107.5°	189.4	188.6	194.9	208.9	216.1	227.5	248.7	278.5	311.1	349.7	393.7
110°	185.6	182.9	186.5	199.8	208.5	219.8	238.5	265.2	297.7	333.7	377.2



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	178.3	176.7	179.5	189.3	200.0	210.7	226.6	249.3	281.0	315.9	355.3
115°	170.4	170.0	172.1	178.7	190.2	200.0	214.8	235.4	262.2	294.9	331.3
117.5°	161.8	162.2	164.1	168.7	179.0	189.4	202.3	219.8	241.9	271.7	305.4
120°	152.4	153.5	156.1	160.4	167.5	177.4	188.3	204.4	224.0	246.7	279.2
122.5°	142.0	144.1	147.1	151.5	156.5	165.0	174.9	187.2	206.6	228.9	254.0
125°	130.6	133.6	136.9	141.7	147.0	152.8	162.3	175.1	190.7	210.1	232.0
127.5°	118.2	122.0	125.8	130.5	138.5	144.8	153.0	163.3	176.1	191.5	210.1
130°	104.9	110.8	117.2	123.0	129.9	136.9	143.7	152.2	162.3	174.7	188.6
132.5°	98.2	104.0	110.1	115.9	121.4	128.0	134.6	141.4	149.6	158.8	170.3
135°	91.9	97.2	102.7	108.3	113.6	118.9	125.0	131.0	137.6	144.8	153.5
137.5°	86.1	90.3	95.4	100.5	105.5	110.4	115.3	120.7	126.3	132.0	138.2
140°	79.9	83.8	88.0	92.6	97.2	101.7	106.1	110.6	115.1	119.7	124.4
142.5°	73.7	77.1	80.8	84.8	89.0	93.0	96.9	100.7	104.7	108.9	112.4
145°	67.3	70.3	73.5	77.1	80.7	84.4	87.9	91.3	94.4	97.5	100.6
147.5°	61.0	63.3	66.2	69.1	72.4	75.7	78.9	81.9	84.6	86.9	89.0
150°	54.7	56.6	58.7	61.3	63.8	66.9	70.1	72.8	75.2	77.2	79.0
152.5°	48.5	49.7	51.7	54.3	57.1	59.8	62.4	64.6	66.7	68.6	70.1
155°	43.9	45.6	47.5	49.6	51.9	54.0	56.1	57.9	59.4	60.8	62.3
157.5°	40.4	42.2	43.8	45.4	47.0	48.9	50.7	52.5	54.0	55.2	56.2
160°	36.3	38.0	39.6	41.2	42.7	44.1	45.6	47.0	48.4	49.8	51.0
162.5°	32.0	33.6	34.9	36.3	37.8	39.1	40.4	41.6	42.8	44.0	45.1
165°	27.6	28.8	30.0	31.1	32.2	33.4	34.6	35.7	36.7	37.7	38.7
167.5°	23.0	24.1	25.1	26.0	26.9	27.8	28.6	29.4	30.1	30.9	31.6
170°	18.3	19.1	19.9	20.7	21.4	22.1	22.8	23.4	23.9	24.5	25.0
172.5°	13.3	14.0	14.6	15.2	15.7	16.3	16.7	17.2	17.6	18.0	18.4
175°	8.2	8.6	9.0	9.4	9.8	10.2	10.5	10.8	11.1	11.3	11.6
177.5°	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0
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: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-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°	5.1	5.1	5.1	5.1	5.2	5.2	5.3	5.3	5.2	5.1	5.0
5°	11.8	12.0	12.1	12.3	12.4	12.4	12.5	12.5	12.7	12.6	12.5
7.5°	18.7	19.0	19.2	19.4	19.6	19.7	19.8	19.9	19.9	20.0	19.9
10°	25.4	25.8	26.1	26.4	26.7	26.9	27.0	27.1	27.2	27.4	27.2
12.5°	32.3	33.0	33.6	34.1	34.6	35.0	35.3	35.6	35.8	35.9	36.1
15°	39.5	40.3	41.1	41.8	42.4	43.0	43.5	43.9	44.2	44.4	44.8
17.5°	46.1	47.1	47.9	48.6	49.3	49.8	50.3	50.7	50.9	51.1	51.4
20°	52.2	53.1	53.5	53.9	54.1	54.1	54.0	53.9	53.6	53.2	52.9
22.5°	56.9	57.5	58.0	58.5	58.8	58.8	58.7	58.4	58.0	57.4	56.9
25°	63.4	64.2	64.8	65.2	65.4	65.3	64.9	64.4	63.7	62.7	61.7
27.5°	71.3	72.1	72.7	73.2	73.6	73.8	73.7	73.3	72.8	71.9	70.9
30°	80.4	81.7	82.7	83.5	85.0	86.4	87.5	88.3	88.7	88.9	88.6
32.5°	91.0	93.6	96.0	98.2	100.3	102.2	103.8	105.0	106.0	106.5	106.6
35°	103.7	106.8	109.8	112.7	115.6	119.6	123.3	126.6	129.4	131.8	133.4
37.5°	116.1	120.1	125.4	130.7	135.8	141.1	145.8	150.0	153.6	156.5	158.6
40°	130.0	136.0	142.9	149.8	156.3	163.5	171.3	178.5	185.0	190.5	195.0
42.5°	145.6	153.3	161.9	172.3	182.5	192.7	204.2	214.8	224.4	232.8	239.8
45°	162.7	173.9	184.9	199.0	213.5	229.0	242.3	256.0	268.4	279.3	288.4
47.5°	182.6	197.5	213.2	229.4	247.9	265.8	284.3	302.9	320.4	336.2	350.0
50°	206.0	224.0	243.8	263.5	285.3	308.5	332.5	357.6	380.1	399.9	416.7
52.5°	230.6	252.2	276.9	301.4	329.2	359.3	389.3	418.0	442.6	463.1	479.6
55°	255.6	283.8	313.4	346.9	380.9	416.8	450.8	480.8	504.0	520.6	531.2
57.5°	284.5	318.3	354.5	394.0	436.2	477.6	519.8	544.0	558.2	567.4	572.2
60°	314.9	353.3	395.2	439.9	487.6	530.9	568.1	591.1	597.1	601.4	603.9
62.5°	343.5	386.2	432.7	482.4	527.6	568.2	596.3	617.9	623.7	627.6	629.6
65°	371.7	414.9	464.7	515.1	559.7	595.2	623.0	640.1	646.7	650.8	653.8
67.5°	398.2	443.9	493.7	545.8	592.3	632.4	653.5	662.3	665.4	669.2	672.9
70°	421.6	471.8	525.3	580.3	637.6	664.0	676.6	679.4	680.8	684.9	690.0
72.5°	442.2	495.8	554.3	615.8	662.6	686.3	691.2	693.2	696.9	701.0	705.8
75°	459.3	518.5	579.1	636.0	676.8	696.3	701.1	703.5	708.9	716.6	720.7
77.5°	472.8	537.3	595.1	650.5	687.8	704.3	708.6	710.9	721.5	729.8	731.7
80°	488.6	548.6	604.9	664.2	702.3	713.9	717.2	723.8	731.4	737.2	734.7
82.5°	500.5	559.3	620.3	676.6	709.8	721.5	726.3	731.9	736.2	739.2	740.7
85°	507.0	566.3	630.1	687.4	715.2	724.1	729.4	732.1	731.8	739.8	750.0
87.5°	510.3	568.9	634.0	694.2	719.5	724.3	724.1	726.9	733.1	745.0	748.3
90°	504.4	566.8	631.7	695.7	721.7	723.3	716.8	722.5	742.0	751.7	749.3
92.5°	510.3	568.9	634.0	694.2	719.5	724.3	724.1	726.9	733.1	745.0	748.3
95°	507.0	566.3	630.1	687.4	715.2	724.1	729.4	732.1	731.8	739.8	750.0
97.5°	500.5	559.3	620.3	676.6	709.8	721.5	726.3	731.9	736.2	739.2	740.7
100°	488.6	548.6	604.9	664.2	702.3	713.9	717.2	723.8	731.4	737.2	734.7
102.5°	472.8	537.3	595.1	650.5	687.8	704.3	708.6	710.9	721.5	729.8	731.7
105°	459.3	518.5	579.1	636.0	676.8	696.3	701.1	703.5	708.9	716.6	720.7
107.5°	442.2	495.8	554.3	615.8	662.6	686.3	691.2	693.2	696.9	701.0	705.8
110°	421.6	471.8	525.3	580.3	637.6	664.0	676.6	679.4	680.8	684.9	690.0



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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°	398.2	443.9	493.7	545.8	592.3	632.4	653.5	662.3	665.4	669.2	672.9
115°	371.7	414.9	464.7	515.1	559.7	595.2	623.0	640.1	646.7	650.8	653.8
117.5°	343.5	386.2	432.7	482.4	527.6	568.2	596.3	617.9	623.7	627.6	629.6
120°	314.9	353.3	395.2	439.9	487.6	530.9	568.1	591.1	597.1	601.4	603.9
122.5°	284.5	318.3	354.5	394.0	436.2	477.6	519.8	544.0	558.2	567.4	572.2
125°	255.6	283.8	313.4	346.9	380.9	416.8	450.8	480.8	504.0	520.6	531.2
127.5°	230.6	252.2	276.9	301.4	329.2	359.3	389.3	418.0	442.6	463.1	479.6
130°	206.0	224.0	243.8	263.5	285.3	308.5	332.5	357.6	380.1	399.9	416.7
132.5°	182.6	197.5	213.2	229.4	247.9	265.8	284.3	302.9	320.4	336.2	350.0
135°	162.7	173.9	184.9	199.0	213.5	229.0	242.3	256.0	268.4	279.3	288.4
137.5°	145.6	153.3	161.9	172.3	182.5	192.7	204.2	214.8	224.4	232.8	239.8
140°	130.0	136.0	142.9	149.8	156.3	163.5	171.3	178.5	185.0	190.5	195.0
142.5°	116.1	120.1	125.4	130.7	135.8	141.1	145.8	150.0	153.6	156.5	158.6
145°	103.7	106.8	109.8	112.7	115.6	119.6	123.3	126.6	129.4	131.8	133.4
147.5°	91.0	93.6	96.0	98.2	100.3	102.2	103.8	105.0	106.0	106.5	106.6
150°	80.4	81.7	82.7	83.5	85.0	86.4	87.5	88.3	88.7	88.9	88.6
152.5°	71.3	72.1	72.7	73.2	73.6	73.8	73.7	73.3	72.8	71.9	70.9
155°	63.4	64.2	64.8	65.2	65.4	65.3	64.9	64.4	63.7	62.7	61.7
157.5°	56.9	57.5	58.0	58.5	58.8	58.8	58.7	58.4	58.0	57.4	56.9
160°	52.2	53.1	53.5	53.9	54.1	54.1	54.0	53.9	53.6	53.2	52.9
162.5°	46.1	47.1	47.9	48.6	49.3	49.8	50.3	50.7	50.9	51.1	51.4
165°	39.5	40.3	41.1	41.8	42.4	43.0	43.5	43.9	44.2	44.4	44.8
167.5°	32.3	33.0	33.6	34.1	34.6	35.0	35.3	35.6	35.8	35.9	36.1
170°	25.4	25.8	26.1	26.4	26.7	26.9	27.0	27.1	27.2	27.4	27.2
172.5°	18.7	19.0	19.2	19.4	19.6	19.7	19.8	19.9	19.9	20.0	19.9
175°	11.8	12.0	12.1	12.3	12.4	12.4	12.5	12.5	12.7	12.6	12.5
177.5°	5.1	5.1	5.1	5.1	5.2	5.2	5.3	5.3	5.2	5.1	5.0
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°	5.0	4.9
5°	12.3	12.2
7.5°	19.7	19.5
10°	27.0	26.8
12.5°	35.9	35.7
15°	44.7	44.6
17.5°	51.2	51.1
20°	52.4	51.9
22.5°	56.0	55.1
25°	60.5	59.2
27.5°	69.7	68.1
30°	88.1	86.8
32.5°	106.5	105.4
35°	134.9	134.6
37.5°	160.5	160.6
40°	199.0	200.3
42.5°	246.2	248.9
45°	296.8	300.8
47.5°	362.9	369.8
50°	432.0	440.3
52.5°	494.0	501.1
55°	538.4	539.2
57.5°	574.3	570.9
60°	605.5	602.5
62.5°	629.7	627.6
65°	655.1	654.4
67.5°	675.8	677.1
70°	693.1	694.1
72.5°	708.0	707.9
75°	717.8	711.2
77.5°	724.7	716.0
80°	734.0	737.9
82.5°	744.2	746.8
85°	750.7	746.0
87.5°	752.4	747.6
90°	754.1	751.7
92.5°	752.4	747.6
95°	750.7	746.0
97.5°	744.2	746.8
100°	734.0	737.9
102.5°	724.7	716.0
105°	717.8	711.2
107.5°	708.0	707.9
110°	693.1	694.1



TEST NUMBER: P231902

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	675.8	677.1
115°	655.1	654.4
117.5°	629.7	627.6
120°	605.5	602.5
122.5°	574.3	570.9
125°	538.4	539.2
127.5°	494.0	501.1
130°	432.0	440.3
132.5°	362.9	369.8
135°	296.8	300.8
137.5°	246.2	248.9
140°	199.0	200.3
142.5°	160.5	160.6
145°	134.9	134.6
147.5°	106.5	105.4
150°	88.1	86.8
152.5°	69.7	68.1
155°	60.5	59.2
157.5°	56.0	55.1
160°	52.4	51.9
162.5°	51.2	51.1
165°	44.7	44.6
167.5°	35.9	35.7
170°	27.0	26.8
172.5°	19.7	19.5
175°	12.3	12.2
177.5°	5.0	4.9
180°	0.0	0.0

(END OF REPORT)