

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: P231878

Luminaire Tested: **FVS4WM-2-LD4-40-1STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231878
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-LD4-40-1STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (42) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

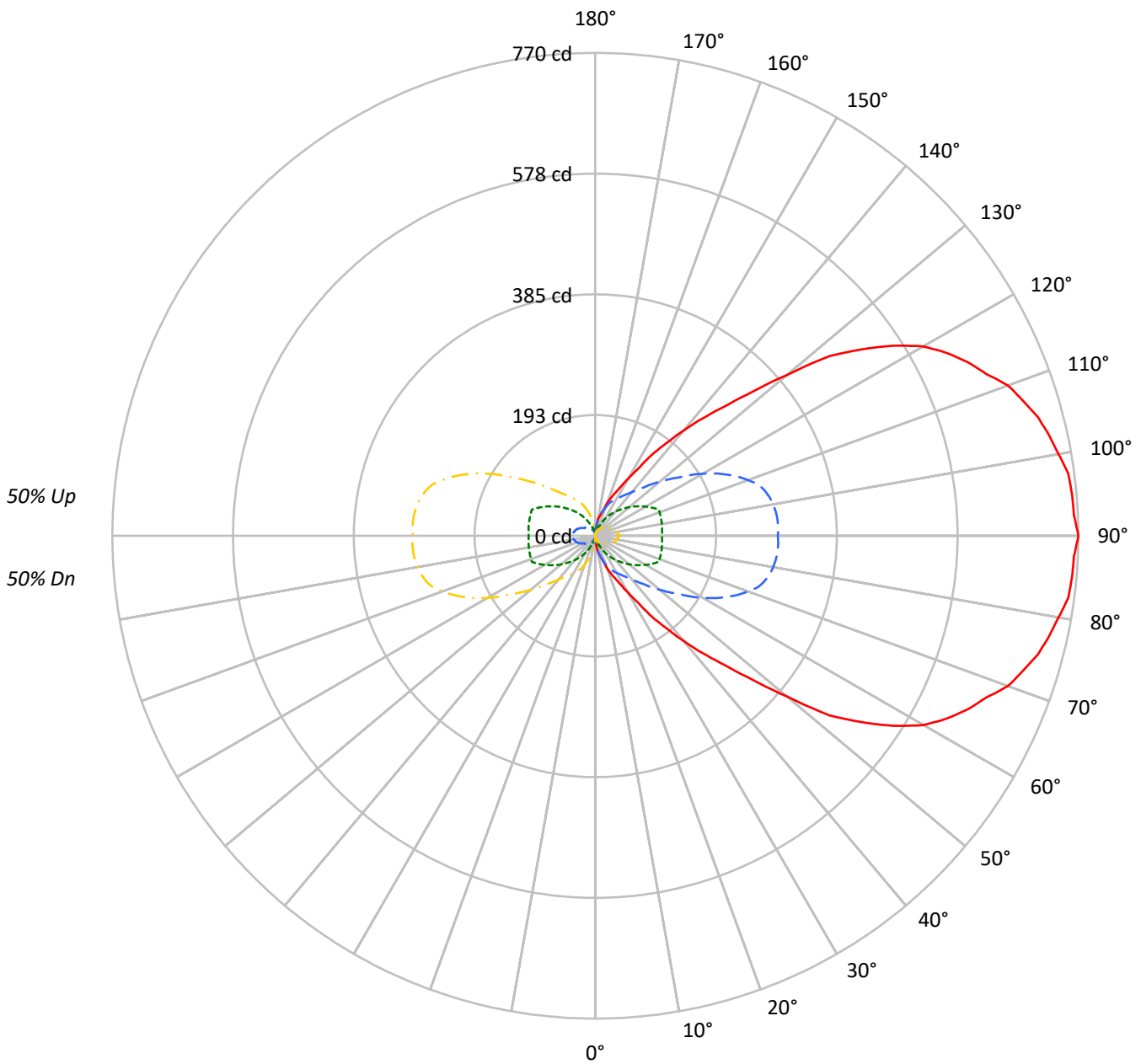
Lumens per Lamp: N/A
Luminaire Lumens: 1790.1 lumens
Efficiency: N/A
Efficacy: 105.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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



50% Up
50% Dn

— 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°	404	113	0	113
10°	630	225	0	225
15°	782	336	0	336
20°	1109	454	0	454
25°	1402	670	0	670
30°	1858	989	0	989
35°	2668	1342	0	1342
40°	3568	1733	0	1733
45°	4622	2185	0	2185
50°	6223	2770	0	2770
55°	8002	3473	0	3473
60°	9307	4340	0	4340
65°	10149	5456	0	5456
70°	10994	6592	0	6592
75°	11707	7792	0	7792
80°	12375	9643	0	9643
85°	13074	12829	0	12829



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.8	0.0
10°-20°	5.6	0.3
20°-30°	15.7	0.9
30°-40°	34.9	1.9
40°-50°	68.3	3.8
50°-60°	122.7	6.9
60°-70°	181.1	10.1
70°-80°	222.3	12.4
80°-90°	243.6	13.6
90°-100°	243.6	13.6
100°-110°	222.3	12.4
110°-120°	181.1	10.1
120°-130°	122.7	6.9
130°-140°	68.3	3.8
140°-150°	34.9	1.9
150°-160°	15.7	0.9
160°-170°	5.6	0.3
170°-180°	0.8	0.0
0°-30°	22.1	1.2
0°-40°	57.0	3.2
0°-60°	248.0	13.9
0°-90°	895.1	50.0
90°-120°	647.0	36.1
90°-150°	872.9	48.8
90°-180°	895.0	50.0
0°-180°	1790.1	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°	75	22	0	22	75	37
35°	158	41	0	41	158	101
45°	291	60	0	60	291	233
55°	518	82	0	82	518	462
65°	655	104	0	104	655	649
75°	730	108	0	108	730	770
85°	763	107	0	107	763	621
90°	770	106	0	106	770	420
95°	763	107	0	107	763	621
105°	730	108	0	108	730	770
115°	655	104	0	104	655	649
125°	518	82	0	82	518	462
135°	291	60	0	60	291	233
145°	158	41	0	41	158	101
155°	75	22	0	22	75	37
165°	36	11	0	11	36	11
175°	15	4	0	4	15	2
180°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.5	6.6	6.6	6.7	6.8	6.9	6.9	6.7	6.7	6.7	6.6
5°	15.4	15.5	15.7	15.8	15.9	15.6	15.6	15.5	15.3	15.2	15.0
7.5°	20.3	20.5	20.7	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.0
10°	26.8	27.1	27.5	27.8	27.7	27.8	27.9	27.8	27.8	27.6	27.4
12.5°	31.6	32.1	32.6	32.8	33.1	33.4	33.6	33.7	33.7	33.7	33.7
15°	36.5	37.2	37.8	38.2	38.7	39.1	39.4	39.6	39.7	39.7	39.7
17.5°	43.8	44.5	45.2	45.5	45.9	46.1	46.3	46.4	46.5	46.4	46.3
20°	55.9	56.4	56.8	56.5	56.4	56.1	55.8	55.3	54.8	54.2	53.6
22.5°	65.7	66.0	66.2	65.7	65.5	65.1	64.6	64.0	63.3	62.6	61.8
25°	75.4	75.4	75.1	74.7	74.2	73.5	72.7	71.7	70.7	69.7	68.5
27.5°	88.4	88.2	87.5	86.6	85.5	84.1	82.6	80.9	79.0	76.9	75.1
30°	105.4	104.9	103.6	102.2	100.3	98.2	95.7	92.9	89.9	86.6	84.1
32.5°	126.5	125.8	124.0	121.9	119.2	116.1	112.5	108.5	104.0	99.6	95.6
35°	158.1	156.8	153.6	150.1	145.7	140.7	135.0	128.7	121.9	116.1	110.2
37.5°	185.6	184.2	181.0	177.3	172.7	167.3	161.0	153.8	145.8	137.5	128.9
40°	218.9	217.3	213.3	208.8	203.0	196.2	188.4	179.5	170.2	160.8	150.5
42.5°	254.5	253.2	249.0	244.0	237.5	229.5	220.0	209.0	198.0	186.3	173.7
45°	291.0	290.3	286.3	281.3	274.6	266.0	255.6	244.9	230.3	215.5	200.2
47.5°	339.7	339.0	333.7	327.2	318.5	307.6	294.5	280.4	265.7	249.1	233.3
50°	398.8	397.8	390.8	382.4	371.1	357.1	340.6	323.6	305.2	285.8	267.7
52.5°	470.2	469.8	461.2	450.5	435.6	416.5	393.5	372.7	349.2	325.4	303.3
55°	518.0	520.3	516.0	509.4	498.4	483.0	461.9	432.1	397.2	367.2	339.3
57.5°	564.2	566.6	562.7	557.4	549.0	537.9	520.8	488.7	455.5	414.1	376.2
60°	603.9	604.7	600.1	594.7	587.8	579.6	561.7	533.9	499.7	460.0	418.9
62.5°	631.5	631.9	629.8	625.1	617.8	608.0	591.9	569.7	537.6	500.0	456.7
65°	655.0	654.9	652.9	649.1	643.8	636.2	621.2	601.0	571.9	534.6	490.4
67.5°	674.5	675.6	674.3	670.3	663.8	657.5	648.5	631.9	606.1	568.8	523.1
70°	700.4	699.0	695.4	690.6	685.4	677.8	669.4	657.0	637.3	601.6	553.0
72.5°	715.0	714.5	711.8	706.9	702.7	695.0	686.3	676.7	658.0	625.0	578.2
75°	730.4	728.3	724.6	720.7	715.8	709.3	700.7	689.3	674.9	644.8	598.7
77.5°	740.9	739.8	736.0	731.4	726.1	720.0	711.6	700.2	686.0	662.0	618.4
80°	749.9	748.8	745.7	742.0	735.2	728.1	720.1	709.0	696.6	676.2	633.3
82.5°	760.4	757.1	752.9	747.5	742.4	734.8	727.0	715.4	702.5	683.9	646.2
85°	762.8	762.1	759.4	753.1	747.1	739.0	731.2	719.7	706.2	689.8	655.4
87.5°	763.6	767.5	762.7	754.9	749.6	740.3	733.5	721.3	708.5	694.0	660.2
90°	770.1	762.8	760.4	755.5	748.2	740.1	734.5	720.7	709.3	695.5	659.9
92.5°	763.6	767.5	762.7	754.9	749.6	740.3	733.5	721.3	708.5	694.0	660.2
95°	762.8	762.1	759.4	753.1	747.1	739.0	731.2	719.7	706.2	689.8	655.4
97.5°	760.4	757.1	752.9	747.5	742.4	734.8	727.0	715.4	702.5	683.9	646.2
100°	749.9	748.8	745.7	742.0	735.2	728.1	720.1	709.0	696.6	676.2	633.3
102.5°	740.9	739.8	736.0	731.4	726.1	720.0	711.6	700.2	686.0	662.0	618.4
105°	730.4	728.3	724.6	720.7	715.8	709.3	700.7	689.3	674.9	644.8	598.7
107.5°	715.0	714.5	711.8	706.9	702.7	695.0	686.3	676.7	658.0	625.0	578.2
110°	700.4	699.0	695.4	690.6	685.4	677.8	669.4	657.0	637.3	601.6	553.0



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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°	674.5	675.6	674.3	670.3	663.8	657.5	648.5	631.9	606.1	568.8	523.1
115°	655.0	654.9	652.9	649.1	643.8	636.1	621.2	601.0	571.9	534.6	490.4
117.5°	631.5	631.9	629.8	625.1	617.8	608.0	591.9	569.7	537.6	500.0	456.7
120°	603.9	604.7	600.1	594.7	587.8	579.6	561.7	533.9	499.7	460.0	418.9
122.5°	564.2	566.6	562.7	557.4	549.0	537.9	520.8	488.7	455.5	414.1	376.2
125°	518.0	520.3	516.0	509.4	498.4	483.0	461.9	432.1	397.2	367.2	339.3
127.5°	470.2	469.8	461.2	450.5	435.6	416.5	393.5	372.7	349.2	325.4	303.3
130°	398.8	397.8	390.8	382.4	371.1	357.1	340.6	323.6	305.2	285.8	267.7
132.5°	339.7	339.0	333.7	327.2	318.5	307.6	294.5	280.4	265.7	249.1	233.3
135°	291.0	290.3	286.3	281.3	274.6	266.0	255.6	244.9	230.3	215.5	200.2
137.5°	254.5	253.2	249.0	244.0	237.5	229.5	220.0	209.0	198.0	186.3	173.7
140°	218.9	217.3	213.3	208.8	203.0	196.2	188.4	179.5	170.2	160.8	150.5
142.5°	185.6	184.2	181.0	177.3	172.7	167.3	161.0	153.8	145.8	137.5	128.9
145°	158.1	156.8	153.6	150.1	145.7	140.7	135.0	128.7	121.9	116.1	110.2
147.5°	126.5	125.8	124.0	121.9	119.2	116.1	112.5	108.5	104.0	99.6	95.6
150°	105.4	104.9	103.6	102.2	100.3	98.2	95.7	92.9	89.9	86.6	84.1
152.5°	88.4	88.2	87.5	86.6	85.5	84.1	82.6	80.9	79.0	76.9	75.1
155°	75.4	75.4	75.1	74.7	74.2	73.5	72.7	71.7	70.7	69.7	68.5
157.5°	65.7	66.0	66.2	65.7	65.5	65.1	64.6	64.0	63.3	62.6	61.8
160°	55.9	56.4	56.8	56.5	56.4	56.1	55.8	55.3	54.8	54.2	53.6
162.5°	43.8	44.5	45.2	45.5	45.9	46.1	46.3	46.4	46.5	46.4	46.3
165°	36.5	37.2	37.8	38.2	38.7	39.1	39.4	39.6	39.7	39.7	39.7
167.5°	31.6	32.1	32.6	32.8	33.1	33.4	33.6	33.7	33.7	33.7	33.7
170°	26.8	27.1	27.5	27.8	27.7	27.8	27.9	27.8	27.8	27.6	27.4
172.5°	20.3	20.5	20.7	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.0
175°	15.4	15.5	15.7	15.8	15.9	15.6	15.6	15.5	15.3	15.2	15.0
177.5°	6.5	6.6	6.6	6.7	6.8	6.9	6.9	6.7	6.7	6.7	6.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.5	5.4
5°	14.8	14.5	14.3	13.9	13.6	13.2	12.9	12.4	12.0	11.5	11.1
7.5°	20.9	20.7	20.6	20.3	20.1	19.8	19.5	19.1	18.7	18.1	17.4
10°	27.2	26.9	26.5	26.1	25.7	25.1	24.6	24.2	23.6	23.1	22.5
12.5°	33.5	33.3	33.1	32.8	32.3	31.6	30.9	30.1	29.3	28.3	27.3
15°	39.5	39.3	39.0	38.6	38.1	37.6	36.9	36.2	35.4	34.3	33.1
17.5°	46.1	45.8	45.4	45.0	44.4	43.7	42.8	41.9	41.0	39.9	38.8
20°	52.9	52.4	52.0	51.4	50.9	50.2	49.4	48.3	47.0	45.7	44.3
22.5°	60.9	59.9	58.9	57.9	57.0	56.2	55.4	54.5	53.6	52.0	50.3
25°	67.4	66.3	65.2	64.1	63.0	61.9	60.9	59.9	58.9	57.9	57.0
27.5°	73.6	72.2	70.7	69.2	67.9	66.7	65.7	64.6	63.7	62.9	61.7
30°	81.4	78.6	76.0	74.1	72.5	70.8	69.5	68.3	67.6	67.3	66.9
32.5°	91.4	87.1	83.5	80.3	77.0	74.8	73.8	72.9	72.2	71.5	71.1
35°	104.0	98.0	93.0	87.9	84.1	81.7	79.1	78.0	76.9	76.0	75.2
37.5°	119.8	112.2	104.8	99.2	94.5	90.0	86.7	83.9	81.9	80.6	79.5
40°	139.7	129.8	121.3	114.0	106.9	100.6	95.5	91.0	87.9	85.4	83.9
42.5°	161.9	151.7	141.2	131.5	122.2	113.6	105.4	99.7	94.5	91.1	88.6
45°	188.2	175.3	163.1	150.7	139.3	128.0	118.4	109.1	102.8	97.2	93.7
47.5°	217.2	201.1	186.3	171.5	157.7	144.5	132.2	121.5	111.6	104.7	99.4
50°	248.5	229.9	211.0	193.9	177.7	161.8	147.3	134.0	122.7	112.8	105.4
52.5°	281.2	259.5	237.9	217.3	198.0	180.1	163.1	147.9	134.4	122.2	115.3
55°	313.8	289.5	265.5	241.4	219.3	198.6	179.0	162.1	149.0	137.9	129.3
57.5°	346.1	317.9	292.5	266.5	240.8	217.8	198.0	180.4	165.3	153.1	143.6
60°	378.0	345.7	316.4	290.5	263.7	239.3	217.4	197.8	181.5	168.1	157.4
62.5°	413.2	371.8	339.6	311.4	285.7	259.3	236.1	215.2	196.9	181.8	170.4
65°	444.0	400.9	361.5	330.5	303.7	278.0	253.3	230.9	211.4	195.5	183.3
67.5°	474.5	427.8	385.0	348.5	318.6	293.7	268.8	246.0	225.6	208.4	195.1
70°	502.8	453.1	406.2	364.7	332.6	306.2	282.3	259.5	238.3	220.2	205.9
72.5°	526.2	474.9	424.7	380.1	344.5	316.3	293.2	272.2	249.8	231.4	216.6
75°	545.1	492.4	441.3	391.5	353.8	324.6	301.2	279.5	258.2	240.0	225.8
77.5°	559.5	505.3	454.1	403.9	363.0	330.7	305.7	284.5	264.3	246.9	233.8
80°	574.8	519.1	467.9	416.6	370.6	335.2	308.6	288.1	268.9	252.4	240.9
82.5°	589.7	530.9	478.6	426.3	376.5	338.1	310.1	290.4	272.2	256.7	247.1
85°	598.8	538.6	486.1	432.9	380.5	339.4	310.2	291.5	274.5	260.1	252.7
87.5°	602.4	544.0	491.9	437.8	383.6	339.9	309.6	292.0	276.0	262.9	257.9
90°	600.7	541.5	490.4	436.1	381.8	337.2	307.2	291.0	276.4	265.1	262.7
92.5°	602.4	544.0	491.9	437.8	383.6	339.9	309.6	292.0	276.0	262.9	257.9
95°	598.8	538.6	486.1	432.9	380.5	339.4	310.2	291.5	274.5	260.1	252.7
97.5°	589.7	530.9	478.6	426.3	376.5	338.1	310.1	290.4	272.2	256.7	247.1
100°	574.8	519.1	467.9	416.6	370.6	335.2	308.6	288.1	268.9	252.4	240.9
102.5°	559.5	505.3	454.1	403.9	363.0	330.7	305.7	284.5	264.3	246.9	233.8
105°	545.1	492.4	441.3	391.5	353.8	324.6	301.2	279.5	258.2	240.0	225.8
107.5°	526.2	474.9	424.7	380.1	344.5	316.3	293.2	272.2	249.8	231.4	216.6
110°	502.8	453.1	406.2	364.7	332.6	306.2	282.3	259.5	238.3	220.2	205.9



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	474.5	427.8	385.0	348.5	318.6	293.7	268.8	246.0	225.6	208.4	195.1
115°	444.0	400.9	361.5	330.5	303.7	278.0	253.3	230.9	211.4	195.5	183.3
117.5°	413.2	371.8	339.6	311.4	285.7	259.3	236.1	215.2	196.9	181.8	170.4
120°	378.0	345.7	316.4	290.5	263.7	239.3	217.4	197.8	181.5	168.1	157.4
122.5°	346.1	317.9	292.5	266.5	240.8	217.8	198.0	180.4	165.3	153.1	143.6
125°	313.8	289.5	265.5	241.4	219.3	198.6	179.0	162.1	149.0	137.9	129.3
127.5°	281.2	259.5	237.9	217.3	198.0	180.1	163.1	147.9	134.4	122.2	115.3
130°	248.5	229.9	211.0	193.9	177.7	161.8	147.3	134.0	122.7	112.8	105.4
132.5°	217.2	201.1	186.3	171.5	157.7	144.5	132.2	121.5	111.6	104.7	99.4
135°	188.2	175.3	163.1	150.7	139.3	128.0	118.4	109.1	102.8	97.2	93.7
137.5°	161.9	151.7	141.2	131.5	122.2	113.6	105.4	99.7	94.5	91.1	88.6
140°	139.7	129.8	121.3	114.0	106.9	100.6	95.5	91.0	87.9	85.4	83.9
142.5°	119.8	112.2	104.8	99.2	94.5	90.0	86.7	83.9	81.9	80.6	79.5
145°	104.0	98.0	93.0	87.9	84.1	81.7	79.1	78.0	76.9	76.0	75.2
147.5°	91.4	87.1	83.5	80.3	77.0	74.8	73.8	72.9	72.2	71.5	71.1
150°	81.4	78.6	76.0	74.1	72.5	70.8	69.5	68.3	67.6	67.3	66.9
152.5°	73.6	72.2	70.7	69.2	67.9	66.7	65.7	64.6	63.7	62.9	61.7
155°	67.4	66.3	65.2	64.1	63.0	61.9	60.9	59.9	58.9	57.9	57.0
157.5°	60.9	59.9	58.9	57.9	57.0	56.2	55.4	54.5	53.6	52.0	50.3
160°	52.9	52.4	52.0	51.4	50.9	50.2	49.4	48.3	47.0	45.7	44.3
162.5°	46.1	45.8	45.4	45.0	44.4	43.7	42.8	41.9	41.0	39.9	38.8
165°	39.5	39.3	39.0	38.6	38.1	37.6	36.9	36.2	35.4	34.3	33.1
167.5°	33.5	33.3	33.1	32.8	32.3	31.6	30.9	30.1	29.3	28.3	27.3
170°	27.2	26.9	26.5	26.1	25.7	25.1	24.6	24.2	23.6	23.1	22.5
172.5°	20.9	20.7	20.6	20.3	20.1	19.8	19.5	19.1	18.7	18.1	17.4
175°	14.8	14.5	14.3	13.9	13.6	13.2	12.9	12.4	12.0	11.5	11.1
177.5°	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.5	5.4
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: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	5.2	5.0	4.8	4.6	4.4	4.2	3.9	3.7	3.5	3.2	3.0
5°	10.5	10.0	9.5	9.1	8.6	8.2	7.8	7.3	6.8	6.3	5.9
7.5°	16.6	15.8	15.0	14.2	13.3	12.4	11.5	10.8	10.1	9.4	8.7
10°	21.8	21.1	20.4	19.3	18.1	17.0	15.8	14.6	13.4	12.4	11.5
12.5°	26.5	25.6	24.6	23.6	22.6	21.3	19.9	18.4	16.9	15.4	14.2
15°	31.8	30.5	29.2	27.8	26.5	25.2	23.8	22.1	20.4	18.6	16.8
17.5°	37.7	35.9	34.2	32.5	30.7	29.0	27.3	25.6	23.7	21.7	19.7
20°	42.8	41.3	39.5	37.5	35.3	33.1	31.1	29.0	26.8	24.6	22.5
22.5°	48.4	46.5	44.6	42.5	40.1	37.6	34.9	32.5	30.0	27.5	25.1
25°	54.5	52.2	49.8	47.4	45.3	42.9	40.3	37.6	35.1	32.5	30.2
27.5°	60.7	58.8	56.5	54.1	51.8	49.4	46.6	43.8	41.0	38.2	35.5
30°	66.0	65.0	63.2	60.7	58.2	55.6	52.8	49.8	47.0	43.8	40.7
32.5°	70.8	70.1	68.9	67.0	64.4	61.7	58.8	55.7	52.5	49.3	46.0
35°	74.8	74.6	73.7	72.5	70.3	67.6	64.6	61.6	58.1	54.8	51.3
37.5°	78.6	78.3	78.2	77.2	76.1	73.2	70.3	67.0	63.6	60.2	56.5
40°	82.7	81.8	81.7	81.6	80.4	78.5	75.9	72.5	68.9	65.4	61.7
42.5°	86.9	85.8	85.0	85.2	84.6	83.5	81.0	77.9	74.1	70.6	66.8
45°	91.3	89.5	88.6	88.4	88.7	87.6	85.8	83.2	79.3	75.6	71.9
47.5°	95.7	93.7	92.2	91.4	92.0	92.3	92.6	91.8	89.4	86.5	83.1
50°	101.0	98.3	98.2	99.3	101.4	103.7	104.6	104.4	102.8	99.8	95.8
52.5°	110.8	109.2	108.9	109.6	111.6	114.6	116.0	116.6	115.9	113.3	108.5
55°	123.3	120.5	119.5	119.4	121.6	124.9	127.3	128.5	128.8	126.6	121.3
57.5°	136.4	131.7	130.1	129.6	131.7	135.1	138.3	140.2	141.5	139.7	134.3
60°	149.1	143.1	140.9	140.1	141.4	145.1	149.2	151.6	153.5	152.6	147.3
62.5°	162.0	155.4	151.7	150.5	150.9	155.0	159.7	162.8	165.4	165.4	160.4
65°	174.3	167.4	162.2	160.8	160.2	164.9	170.0	173.9	177.1	178.1	173.6
67.5°	185.7	179.1	172.7	171.2	170.4	174.6	180.2	184.8	188.7	190.7	186.8
70°	196.6	190.4	184.1	181.4	179.9	182.7	187.6	191.8	194.8	195.3	189.6
72.5°	206.4	199.2	192.4	188.3	186.9	188.6	192.7	196.4	199.1	198.3	190.9
75°	215.1	206.9	200.1	195.3	193.6	194.8	198.1	201.1	203.6	201.5	192.4
77.5°	223.4	214.6	207.5	202.3	200.2	201.3	203.7	205.8	208.4	205.0	193.8
80°	231.4	222.1	214.6	209.2	206.6	208.0	209.4	210.6	213.3	208.6	195.3
82.5°	239.1	229.5	221.4	216.2	212.9	214.9	215.4	215.4	218.4	212.3	197.5
85°	246.4	236.7	228.0	223.1	219.2	221.9	221.4	220.2	223.6	216.3	198.4
87.5°	253.6	243.9	234.6	230.0	225.5	228.9	227.5	225.2	228.6	219.6	199.3
90°	260.2	250.5	240.8	236.7	231.8	235.9	233.5	230.2	233.5	222.9	200.2
92.5°	253.6	243.9	234.6	230.0	225.5	228.9	227.5	225.2	228.6	219.6	199.3
95°	246.4	236.7	228.0	223.1	219.2	221.9	221.4	220.2	223.6	216.3	198.4
97.5°	239.1	229.5	221.4	216.2	212.9	214.9	215.4	215.4	218.4	212.3	197.5
100°	231.4	222.1	214.6	209.2	206.6	208.0	209.4	210.6	213.3	208.6	195.3
102.5°	223.4	214.6	207.5	202.3	200.2	201.3	203.7	205.8	208.4	205.0	193.8
105°	215.1	206.9	200.1	195.3	193.6	194.8	198.1	201.1	203.6	201.5	192.4
107.5°	206.4	199.2	192.4	188.3	186.9	188.6	192.7	196.4	199.1	198.3	190.9
110°	196.6	190.4	184.1	181.4	179.9	182.7	187.6	191.8	194.8	195.3	189.6



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	185.7	179.1	172.7	171.2	170.4	174.6	180.2	184.8	188.7	190.7	186.8
115°	174.3	167.4	162.2	160.8	160.2	164.9	170.0	173.9	177.1	178.1	173.6
117.5°	162.0	155.4	151.7	150.5	150.9	155.0	159.7	162.8	165.4	165.4	160.4
120°	149.1	143.1	140.9	140.1	141.4	145.1	149.2	151.6	153.5	152.6	147.3
122.5°	136.4	131.7	130.1	129.6	131.7	135.1	138.3	140.2	141.5	139.7	134.3
125°	123.3	120.5	119.5	119.4	121.6	124.9	127.3	128.5	128.8	126.6	121.3
127.5°	110.8	109.2	108.9	109.6	111.6	114.6	116.0	116.6	115.9	113.3	108.5
130°	101.0	98.3	98.2	99.3	101.4	103.7	104.6	104.4	102.8	99.8	95.8
132.5°	95.7	93.7	92.2	91.4	92.0	92.3	92.6	91.8	89.4	86.5	83.1
135°	91.3	89.5	88.6	88.4	88.7	87.6	85.8	83.2	79.3	75.6	71.9
137.5°	86.9	85.8	85.0	85.2	84.6	83.5	81.0	77.9	74.1	70.6	66.8
140°	82.7	81.8	81.7	81.6	80.4	78.5	75.9	72.5	68.9	65.4	61.7
142.5°	78.6	78.3	78.2	77.2	76.1	73.2	70.3	67.0	63.6	60.2	56.5
145°	74.8	74.6	73.7	72.5	70.3	67.6	64.6	61.6	58.1	54.8	51.3
147.5°	70.8	70.1	68.9	67.0	64.4	61.7	58.8	55.7	52.5	49.3	46.0
150°	66.0	65.0	63.2	60.7	58.2	55.6	52.8	49.8	47.0	43.8	40.7
152.5°	60.7	58.8	56.5	54.1	51.8	49.4	46.6	43.8	41.0	38.2	35.5
155°	54.5	52.2	49.8	47.4	45.3	42.9	40.3	37.6	35.1	32.5	30.2
157.5°	48.4	46.5	44.6	42.5	40.1	37.6	34.9	32.5	30.0	27.5	25.1
160°	42.8	41.3	39.5	37.5	35.3	33.1	31.1	29.0	26.8	24.6	22.5
162.5°	37.7	35.9	34.2	32.5	30.7	29.0	27.3	25.6	23.7	21.7	19.7
165°	31.8	30.5	29.2	27.8	26.5	25.2	23.8	22.1	20.4	18.6	16.8
167.5°	26.5	25.6	24.6	23.6	22.6	21.3	19.9	18.4	16.9	15.4	14.2
170°	21.8	21.1	20.4	19.3	18.1	17.0	15.8	14.6	13.4	12.4	11.5
172.5°	16.6	15.8	15.0	14.2	13.3	12.4	11.5	10.8	10.1	9.4	8.7
175°	10.5	10.0	9.5	9.1	8.6	8.2	7.8	7.3	6.8	6.3	5.9
177.5°	5.2	5.0	4.8	4.6	4.4	4.2	3.9	3.7	3.5	3.2	3.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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	2.2	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
5°	5.3	4.8	4.3	3.8	3.7	3.7	3.7	3.6	3.5	3.5	3.4
7.5°	8.0	7.2	6.4	5.7	5.6	5.5	5.4	5.3	5.2	5.1	4.9
10°	10.5	9.5	8.6	7.6	7.4	7.3	7.1	7.0	6.8	6.6	6.5
12.5°	13.0	11.8	10.7	9.4	9.2	9.0	8.8	8.6	8.3	8.2	8.0
15°	15.5	14.1	12.7	11.3	11.0	10.7	10.4	10.1	9.9	9.7	9.4
17.5°	17.9	16.3	14.8	13.2	12.8	12.4	12.0	11.7	11.4	11.1	10.8
20°	20.2	18.5	16.8	15.1	14.6	14.1	13.6	13.2	12.9	12.6	12.2
22.5°	22.7	20.7	18.9	17.0	16.4	15.7	15.2	14.8	14.4	13.9	13.5
25°	27.8	25.6	23.7	21.8	21.2	20.5	19.9	19.4	18.7	17.9	17.0
27.5°	33.0	30.6	28.6	26.6	26.0	25.4	25.0	24.5	23.8	23.0	22.1
30°	38.1	35.5	33.5	31.3	30.9	30.3	30.1	29.7	29.0	28.2	26.9
32.5°	43.2	40.5	38.3	36.1	35.8	35.4	35.3	34.9	34.2	33.1	31.4
35°	48.1	45.4	43.1	40.9	40.7	40.5	40.5	40.2	39.5	37.8	35.7
37.5°	53.1	50.3	47.9	45.7	45.6	45.6	45.8	45.4	44.8	42.3	39.7
40°	57.9	55.1	52.7	50.4	50.6	50.8	51.2	50.8	49.4	46.6	43.4
42.5°	62.7	59.9	57.5	55.2	55.5	56.0	56.6	56.1	54.0	50.8	46.9
45°	67.6	64.7	62.2	60.0	60.5	61.2	61.9	61.5	58.5	54.5	50.1
47.5°	77.8	73.4	69.4	65.5	64.6	64.4	64.2	63.5	60.0	56.0	51.8
50°	88.9	82.5	76.7	71.0	68.7	67.2	66.0	64.4	60.4	56.3	52.1
52.5°	100.3	91.8	84.1	76.5	72.6	69.9	67.7	65.1	60.8	56.7	52.5
55°	111.9	101.3	91.6	82.0	76.4	72.5	69.3	65.8	61.2	57.3	53.0
57.5°	123.9	111.0	99.2	87.4	80.1	74.9	70.7	66.4	61.8	57.9	53.7
60°	136.0	120.9	106.9	92.9	83.8	77.2	72.0	67.1	62.5	58.7	54.7
62.5°	148.3	130.8	114.6	98.4	87.4	79.4	73.3	67.8	63.2	59.5	56.0
65°	160.8	140.9	122.5	103.9	90.9	81.5	74.5	68.5	64.1	60.4	57.6
67.5°	173.4	151.0	130.3	109.4	94.4	83.6	75.6	69.2	65.0	61.5	59.3
70°	174.7	151.3	130.1	109.0	93.7	82.9	74.9	68.7	64.8	61.4	60.0
72.5°	174.9	151.1	129.8	108.7	93.1	82.2	74.1	68.2	64.4	61.0	59.9
75°	175.0	150.9	130.2	108.3	92.4	81.6	73.3	67.8	63.9	60.7	59.8
77.5°	175.0	150.5	129.6	108.0	91.8	81.0	72.6	67.4	63.4	60.4	59.7
80°	174.8	150.8	129.0	107.6	91.2	80.4	71.9	67.1	63.0	60.3	59.6
82.5°	175.2	149.9	128.4	107.3	90.7	79.9	71.3	66.9	62.6	60.1	59.5
85°	174.3	149.1	127.7	106.9	90.2	79.4	70.7	66.7	62.2	60.1	59.4
87.5°	173.5	148.3	127.1	106.6	89.7	79.0	70.2	66.6	61.9	60.0	59.3
90°	172.7	147.5	126.5	106.2	89.2	78.6	69.7	66.5	61.6	60.0	59.2
92.5°	173.5	148.3	127.1	106.6	89.7	79.0	70.2	66.6	61.9	60.0	59.3
95°	174.3	149.1	127.7	106.9	90.2	79.4	70.7	66.7	62.2	60.1	59.4
97.5°	175.2	149.9	128.4	107.3	90.7	79.9	71.3	66.9	62.6	60.1	59.5
100°	174.8	150.8	129.0	107.6	91.2	80.4	71.9	67.1	63.0	60.3	59.6
102.5°	175.0	150.5	129.6	108.0	91.8	81.0	72.6	67.4	63.4	60.4	59.7
105°	175.0	150.9	130.2	108.3	92.4	81.6	73.3	67.8	63.9	60.7	59.8
107.5°	174.9	151.1	129.8	108.7	93.1	82.2	74.1	68.2	64.4	61.0	59.9
110°	174.7	151.3	130.1	109.0	93.7	82.9	74.9	68.7	64.8	61.4	60.0



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	173.4	151.0	130.3	109.4	94.4	83.6	75.6	69.2	65.0	61.5	59.3
115°	160.8	140.9	122.5	103.9	90.9	81.5	74.5	68.5	64.1	60.4	57.6
117.5°	148.3	130.8	114.6	98.4	87.4	79.4	73.3	67.8	63.2	59.5	56.0
120°	136.0	120.9	106.9	92.9	83.8	77.2	72.0	67.1	62.5	58.7	54.7
122.5°	123.9	111.0	99.2	87.4	80.1	74.9	70.7	66.4	61.8	57.9	53.7
125°	111.9	101.3	91.6	82.0	76.4	72.5	69.3	65.8	61.2	57.3	53.0
127.5°	100.3	91.8	84.1	76.5	72.6	69.9	67.7	65.1	60.8	56.7	52.5
130°	88.9	82.5	76.7	71.0	68.7	67.2	66.0	64.4	60.4	56.3	52.1
132.5°	77.8	73.4	69.4	65.5	64.6	64.4	64.2	63.5	60.0	56.0	51.8
135°	67.6	64.7	62.2	60.0	60.5	61.2	61.9	61.5	58.5	54.5	50.1
137.5°	62.7	59.9	57.5	55.2	55.5	56.0	56.6	56.1	54.0	50.8	46.9
140°	57.9	55.1	52.7	50.4	50.6	50.8	51.2	50.8	49.4	46.6	43.4
142.5°	53.1	50.3	47.9	45.7	45.6	45.6	45.8	45.4	44.8	42.3	39.7
145°	48.1	45.4	43.1	40.9	40.7	40.5	40.5	40.2	39.5	37.8	35.7
147.5°	43.2	40.5	38.3	36.1	35.8	35.4	35.3	34.9	34.2	33.1	31.4
150°	38.1	35.5	33.5	31.3	30.9	30.3	30.1	29.7	29.0	28.2	26.9
152.5°	33.0	30.6	28.6	26.6	26.0	25.4	25.0	24.5	23.8	23.0	22.1
155°	27.8	25.6	23.7	21.8	21.2	20.5	19.9	19.4	18.7	17.9	17.0
157.5°	22.7	20.7	18.9	17.0	16.4	15.7	15.2	14.8	14.4	13.9	13.5
160°	20.2	18.5	16.8	15.1	14.6	14.1	13.6	13.2	12.9	12.6	12.2
162.5°	17.9	16.3	14.8	13.2	12.8	12.4	12.0	11.7	11.4	11.1	10.8
165°	15.5	14.1	12.7	11.3	11.0	10.7	10.4	10.1	9.9	9.7	9.4
167.5°	13.0	11.8	10.7	9.4	9.2	9.0	8.8	8.6	8.3	8.2	8.0
170°	10.5	9.5	8.6	7.6	7.4	7.3	7.1	7.0	6.8	6.6	6.5
172.5°	8.0	7.2	6.4	5.7	5.6	5.5	5.4	5.3	5.2	5.1	4.9
175°	5.3	4.8	4.3	3.8	3.7	3.7	3.7	3.6	3.5	3.5	3.4
177.5°	2.7	2.4	2.2	1.9	1.9	1.9	1.8	1.8	1.8	1.8	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: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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	1.6	1.5	1.5	1.4	1.4	1.3	1.2
5°	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4
7.5°	4.8	4.7	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.6	3.4
10°	6.3	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4
12.5°	7.8	7.6	7.3	7.1	6.9	6.6	6.4	6.1	5.9	5.7	5.5
15°	9.2	8.9	8.6	8.3	8.0	7.8	7.6	7.4	7.1	6.9	6.6
17.5°	10.5	10.2	9.8	9.6	9.4	9.1	8.9	8.6	8.3	8.0	7.7
20°	11.8	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.5	9.0	8.5
22.5°	13.0	12.8	12.6	12.4	12.1	11.8	11.4	10.9	10.4	9.8	9.4
25°	16.2	15.4	14.6	13.8	13.5	13.0	12.4	11.8	11.4	11.0	10.5
27.5°	21.0	19.9	18.8	17.7	16.4	15.0	13.9	13.0	12.6	11.9	11.2
30°	25.5	24.1	22.6	21.0	19.4	17.9	16.7	15.5	14.2	12.9	12.0
32.5°	29.7	27.8	25.9	23.9	22.1	20.6	19.1	17.4	16.0	14.9	13.9
35°	33.5	31.2	28.8	26.5	24.6	22.7	20.8	19.1	17.8	16.5	15.0
37.5°	37.0	34.1	31.3	29.0	26.7	24.4	22.4	20.8	19.3	17.6	16.1
40°	40.1	36.8	33.8	31.1	28.4	25.9	24.0	22.2	20.3	18.7	17.4
42.5°	43.0	39.2	36.0	32.9	29.8	27.5	25.3	23.2	21.3	19.8	18.4
45°	45.7	41.6	38.0	34.4	31.3	28.8	26.4	24.2	22.4	20.7	19.1
47.5°	47.5	43.7	39.7	35.7	32.8	30.0	27.3	25.3	23.3	21.4	20.0
50°	47.9	44.4	40.9	37.6	34.5	31.1	28.4	26.2	23.9	22.2	20.6
52.5°	48.7	45.5	42.6	40.2	37.4	34.1	30.9	27.7	24.6	22.9	20.8
55°	49.7	47.2	45.1	43.3	40.6	37.4	33.9	30.5	27.5	24.3	21.0
57.5°	51.1	49.4	48.1	46.7	44.1	40.5	36.9	33.4	30.1	26.4	22.8
60°	52.7	52.0	51.6	50.2	47.5	43.7	39.9	36.2	32.3	28.3	24.6
62.5°	54.7	55.0	55.4	54.0	50.9	46.9	42.9	38.8	34.3	30.2	26.4
65°	57.2	58.4	59.5	58.1	54.2	50.1	45.8	41.1	36.3	32.0	28.1
67.5°	59.9	62.0	63.4	62.0	57.7	53.3	48.6	43.3	38.4	33.8	29.5
70°	61.5	64.4	66.4	65.3	61.1	56.5	51.3	45.5	40.5	35.6	30.9
72.5°	61.5	64.3	65.9	64.8	61.7	57.8	52.9	47.3	42.5	37.3	32.2
75°	61.4	64.0	65.5	64.7	62.2	58.6	53.5	48.0	42.9	37.8	33.2
77.5°	61.2	63.6	65.2	64.8	62.9	59.6	54.3	48.8	43.5	38.2	33.8
80°	60.9	63.2	65.0	65.3	63.9	60.8	55.3	49.7	44.2	38.8	34.6
82.5°	60.5	62.7	64.7	65.9	65.0	62.2	56.4	50.8	45.0	39.5	35.4
85°	60.1	62.1	64.5	66.6	66.2	63.8	57.7	52.1	46.0	40.5	36.4
87.5°	59.7	61.5	64.3	67.4	67.6	65.5	59.1	53.5	47.2	41.6	37.6
90°	59.2	60.8	64.0	68.1	68.9	67.3	60.8	55.1	48.6	43.0	38.9
92.5°	59.7	61.5	64.3	67.4	67.6	65.5	59.1	53.5	47.2	41.6	37.6
95°	60.1	62.1	64.5	66.6	66.2	63.8	57.7	52.1	46.0	40.5	36.4
97.5°	60.5	62.7	64.7	65.9	65.0	62.2	56.4	50.8	45.0	39.5	35.4
100°	60.9	63.2	65.0	65.3	63.9	60.8	55.3	49.7	44.2	38.8	34.6
102.5°	61.2	63.6	65.2	64.8	62.9	59.6	54.3	48.8	43.5	38.2	33.8
105°	61.4	64.0	65.5	64.7	62.2	58.6	53.5	48.0	42.9	37.8	33.2
107.5°	61.5	64.3	65.9	64.8	61.7	57.8	52.9	47.3	42.5	37.3	32.2
110°	61.5	64.4	66.4	65.3	61.1	56.5	51.3	45.5	40.5	35.6	30.9



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	59.9	62.0	63.4	62.0	57.7	53.3	48.6	43.3	38.4	33.8	29.5
115°	57.2	58.4	59.5	58.1	54.2	50.1	45.8	41.1	36.3	32.0	28.1
117.5°	54.7	55.0	55.4	54.0	50.9	46.9	42.9	38.8	34.3	30.2	26.4
120°	52.7	52.0	51.6	50.2	47.5	43.7	39.9	36.2	32.3	28.3	24.6
122.5°	51.1	49.4	48.1	46.7	44.1	40.5	36.9	33.4	30.1	26.4	22.8
125°	49.7	47.2	45.1	43.3	40.6	37.4	33.9	30.5	27.5	24.3	21.0
127.5°	48.7	45.5	42.6	40.2	37.4	34.1	30.9	27.7	24.6	22.9	20.8
130°	47.9	44.4	40.9	37.6	34.5	31.1	28.4	26.2	23.9	22.2	20.6
132.5°	47.5	43.7	39.7	35.7	32.8	30.0	27.3	25.3	23.3	21.4	20.0
135°	45.7	41.6	38.0	34.4	31.3	28.8	26.4	24.2	22.4	20.7	19.1
137.5°	43.0	39.2	36.0	32.9	29.8	27.5	25.3	23.2	21.3	19.8	18.4
140°	40.1	36.8	33.8	31.1	28.4	25.9	24.0	22.2	20.3	18.7	17.4
142.5°	37.0	34.1	31.3	29.0	26.7	24.4	22.4	20.8	19.3	17.6	16.1
145°	33.5	31.2	28.8	26.5	24.6	22.7	20.8	19.1	17.8	16.5	15.0
147.5°	29.7	27.8	25.9	23.9	22.1	20.6	19.1	17.4	16.0	14.9	13.9
150°	25.5	24.1	22.6	21.0	19.4	17.9	16.7	15.5	14.2	12.9	12.0
152.5°	21.0	19.9	18.8	17.7	16.4	15.0	13.9	13.0	12.6	11.9	11.2
155°	16.2	15.4	14.6	13.8	13.5	13.0	12.4	11.8	11.4	11.0	10.5
157.5°	13.0	12.8	12.6	12.4	12.1	11.8	11.4	10.9	10.4	9.8	9.4
160°	11.8	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.5	9.0	8.5
162.5°	10.5	10.2	9.8	9.6	9.4	9.1	8.9	8.6	8.3	8.0	7.7
165°	9.2	8.9	8.6	8.3	8.0	7.8	7.6	7.4	7.1	6.9	6.6
167.5°	7.8	7.6	7.3	7.1	6.9	6.6	6.4	6.1	5.9	5.7	5.5
170°	6.3	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4
172.5°	4.8	4.7	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.6	3.4
175°	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4
177.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	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: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5
5°	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
7.5°	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4
10°	4.2	4.0	3.8	3.5	3.3	3.1	2.9	2.6	2.4	2.1	1.9
12.5°	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.3
15°	6.3	6.0	5.7	5.4	5.0	4.6	4.2	3.9	3.5	3.1	2.7
17.5°	7.3	6.9	6.5	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.1
20°	8.1	7.6	7.2	6.8	6.4	6.0	5.5	5.0	4.5	4.0	3.5
22.5°	9.0	8.6	8.1	7.6	7.0	6.5	5.9	5.4	4.9	4.4	3.8
25°	9.9	9.3	8.7	8.1	7.6	7.1	6.6	6.0	5.4	4.8	4.2
27.5°	10.5	10.0	9.5	9.0	8.4	7.7	7.0	6.3	5.7	5.1	4.5
30°	11.6	11.0	10.2	9.4	8.7	8.1	7.5	6.9	6.3	5.6	4.9
32.5°	12.6	11.4	10.6	10.1	9.5	8.9	8.2	7.6	6.9	6.2	5.4
35°	13.6	12.7	11.7	11.0	10.4	9.7	9.0	8.3	7.5	6.8	6.0
37.5°	15.0	14.0	13.0	12.1	11.3	10.5	9.8	9.0	8.2	7.4	6.5
40°	16.2	15.0	14.0	13.1	12.2	11.4	10.6	9.8	8.9	8.0	7.0
42.5°	17.0	15.9	14.9	13.9	13.0	12.1	11.5	10.6	9.4	8.3	7.2
45°	17.9	16.7	15.5	14.4	13.4	12.5	11.6	10.7	9.8	8.8	7.8
47.5°	18.6	17.1	15.7	14.5	13.4	12.4	11.6	11.0	10.4	9.2	7.9
50°	18.8	17.2	15.7	14.5	13.4	12.5	11.8	10.9	10.1	9.2	8.0
52.5°	18.8	17.0	15.6	14.4	13.4	12.4	11.4	10.5	9.7	9.2	8.5
55°	18.6	17.0	15.6	14.3	13.1	12.0	11.2	10.4	9.9	9.3	8.6
57.5°	19.7	17.1	15.4	14.0	12.8	11.9	11.2	10.5	9.7	8.9	8.2
60°	21.5	18.6	16.0	13.7	12.8	12.0	11.2	10.3	9.5	8.6	7.8
62.5°	23.0	19.9	17.2	15.0	13.2	12.0	11.0	10.1	9.3	8.4	7.5
65°	24.3	21.2	18.5	16.2	14.3	12.4	10.9	10.0	9.1	8.2	7.2
67.5°	25.6	22.6	19.5	17.3	15.1	13.1	11.5	10.1	9.0	8.0	7.0
70°	27.1	23.7	20.6	18.2	15.7	13.7	11.9	10.4	9.1	8.0	6.7
72.5°	28.6	24.6	21.7	18.9	16.3	14.2	12.2	10.5	9.2	7.6	6.1
75°	29.7	25.6	22.9	19.5	16.9	14.5	12.4	10.6	9.0	7.1	5.4
77.5°	29.9	26.2	23.2	20.1	17.4	14.8	12.4	10.7	8.6	6.5	5.0
80°	30.4	26.8	23.6	20.4	17.6	14.9	12.6	10.6	8.2	6.0	4.7
82.5°	31.0	27.4	24.1	20.8	17.8	15.0	12.6	10.3	7.8	5.8	3.9
85°	31.8	28.1	24.8	21.2	18.2	15.2	12.6	10.1	7.4	5.3	3.1
87.5°	32.8	29.0	25.7	21.9	18.8	15.6	12.7	10.2	7.2	5.0	2.6
90°	34.0	30.0	26.8	22.7	19.5	16.2	13.0	10.5	7.3	4.9	2.4
92.5°	32.8	29.0	25.7	21.9	18.8	15.6	12.7	10.2	7.2	5.0	2.6
95°	31.8	28.1	24.8	21.2	18.2	15.2	12.6	10.1	7.4	5.3	3.1
97.5°	31.0	27.4	24.1	20.8	17.8	15.0	12.6	10.3	7.8	5.8	3.9
100°	30.4	26.8	23.6	20.4	17.6	14.9	12.6	10.6	8.2	6.0	4.7
102.5°	29.9	26.2	23.2	20.1	17.4	14.8	12.4	10.7	8.6	6.5	5.0
105°	29.7	25.6	22.9	19.5	16.9	14.5	12.4	10.6	9.0	7.1	5.4
107.5°	28.6	24.6	21.7	18.9	16.3	14.2	12.2	10.5	9.2	7.6	6.1
110°	27.1	23.7	20.6	18.2	15.7	13.7	11.9	10.4	9.1	8.0	6.7



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	25.6	22.6	19.5	17.3	15.1	13.1	11.5	10.1	9.0	8.0	7.0
115°	24.3	21.2	18.5	16.2	14.3	12.4	10.9	10.0	9.1	8.2	7.2
117.5°	23.0	19.9	17.2	15.0	13.2	12.0	11.0	10.1	9.3	8.4	7.5
120°	21.5	18.6	16.0	13.7	12.8	12.0	11.2	10.3	9.5	8.6	7.8
122.5°	19.7	17.1	15.4	14.0	12.8	11.9	11.2	10.5	9.7	8.9	8.2
125°	18.6	17.0	15.6	14.3	13.1	12.0	11.2	10.4	9.9	9.3	8.6
127.5°	18.8	17.0	15.6	14.4	13.4	12.4	11.4	10.5	9.7	9.2	8.5
130°	18.8	17.2	15.7	14.5	13.4	12.5	11.8	10.9	10.1	9.2	8.0
132.5°	18.6	17.1	15.7	14.5	13.4	12.4	11.6	11.0	10.4	9.2	7.9
135°	17.9	16.7	15.5	14.4	13.4	12.5	11.6	10.7	9.8	8.8	7.8
137.5°	17.0	15.9	14.9	13.9	13.0	12.1	11.5	10.6	9.4	8.3	7.2
140°	16.2	15.0	14.0	13.1	12.2	11.4	10.6	9.8	8.9	8.0	7.0
142.5°	15.0	14.0	13.0	12.1	11.3	10.5	9.8	9.0	8.2	7.4	6.5
145°	13.6	12.7	11.7	11.0	10.4	9.7	9.0	8.3	7.5	6.8	6.0
147.5°	12.6	11.4	10.6	10.1	9.5	8.9	8.2	7.6	6.9	6.2	5.4
150°	11.6	11.0	10.2	9.4	8.7	8.1	7.5	6.9	6.3	5.6	4.9
152.5°	10.5	10.0	9.5	9.0	8.4	7.7	7.0	6.3	5.7	5.1	4.5
155°	9.9	9.3	8.7	8.1	7.6	7.1	6.6	6.0	5.4	4.8	4.2
157.5°	9.0	8.6	8.1	7.6	7.0	6.5	5.9	5.4	4.9	4.4	3.8
160°	8.1	7.6	7.2	6.8	6.4	6.0	5.5	5.0	4.5	4.0	3.5
162.5°	7.3	6.9	6.5	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.1
165°	6.3	6.0	5.7	5.4	5.0	4.6	4.2	3.9	3.5	3.1	2.7
167.5°	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.3
170°	4.2	4.0	3.8	3.5	3.3	3.1	2.9	2.6	2.4	2.1	1.9
172.5°	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4
175°	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
177.5°	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
15°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
17.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
20°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
22.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
25°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
27.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
30°	4.3	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
32.5°	4.7	3.9	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
35°	5.2	4.3	3.5	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.5
37.5°	5.6	4.7	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
40°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
42.5°	6.2	5.2	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
45°	6.7	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
47.5°	6.7	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
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°	7.0	5.9	4.6	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.6
62.5°	6.6	5.7	4.4	3.3	2.1	1.1	0.0	1.1	2.1	3.3	4.4
65°	6.3	5.3	4.2	3.1	2.0	1.0	0.0	1.0	2.0	3.1	4.2
67.5°	5.9	4.9	4.0	2.8	1.8	0.9	0.0	0.9	1.8	2.8	4.0
70°	5.4	4.3	3.4	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.4
72.5°	4.7	3.7	2.9	2.1	1.2	0.6	0.0	0.6	1.2	2.1	2.9
75°	4.4	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°	4.4	3.3	2.2	1.5	0.8	0.4	0.0	0.4	0.8	1.5	2.2
107.5°	4.7	3.7	2.9	2.1	1.2	0.6	0.0	0.6	1.2	2.1	2.9
110°	5.4	4.3	3.4	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.4



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	5.9	4.9	4.0	2.8	1.8	0.9	0.0	0.9	1.8	2.8	4.0
115°	6.3	5.3	4.2	3.1	2.0	1.0	0.0	1.0	2.0	3.1	4.2
117.5°	6.6	5.7	4.4	3.3	2.1	1.1	0.0	1.1	2.1	3.3	4.4
120°	7.0	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°	6.7	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
135°	6.7	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
137.5°	6.2	5.2	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
140°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
142.5°	5.6	4.7	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
145°	5.2	4.3	3.5	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.5
147.5°	4.7	3.9	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
150°	4.3	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
152.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
155°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
157.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
160°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
162.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
165°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
167.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
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: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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	0.7	0.7	0.8	0.9	0.9	1.0	1.1
5°	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.6	1.8	1.9	2.0
7.5°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.7	2.9
10°	1.3	1.6	1.9	2.1	2.4	2.6	2.9	3.1	3.3	3.5	3.8
12.5°	1.7	2.0	2.3	2.7	3.0	3.3	3.6	3.9	4.2	4.4	4.7
15°	1.9	2.3	2.7	3.1	3.5	3.9	4.2	4.6	5.0	5.4	5.7
17.5°	2.3	2.7	3.1	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.5
20°	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.4	6.8	7.2
22.5°	2.8	3.3	3.8	4.4	4.9	5.4	5.9	6.5	7.0	7.6	8.1
25°	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.1	7.6	8.1	8.7
27.5°	3.2	3.9	4.5	5.1	5.7	6.3	7.0	7.7	8.4	9.0	9.5
30°	3.6	4.3	4.9	5.6	6.3	6.9	7.5	8.1	8.7	9.4	10.2
32.5°	3.9	4.7	5.4	6.2	6.9	7.6	8.2	8.9	9.5	10.1	10.6
35°	4.3	5.2	6.0	6.8	7.5	8.3	9.0	9.7	10.4	11.0	11.7
37.5°	4.7	5.6	6.5	7.4	8.2	9.0	9.8	10.5	11.3	12.1	13.0
40°	5.0	6.0	7.0	8.0	8.9	9.8	10.6	11.4	12.2	13.1	14.0
42.5°	5.2	6.2	7.2	8.3	9.4	10.6	11.5	12.1	13.0	13.9	14.9
45°	5.5	6.7	7.8	8.8	9.8	10.7	11.6	12.5	13.4	14.4	15.5
47.5°	5.5	6.7	7.9	9.2	10.4	11.0	11.6	12.4	13.4	14.5	15.7
50°	5.7	6.8	8.0	9.2	10.1	10.9	11.8	12.5	13.4	14.5	15.7
52.5°	6.1	7.4	8.5	9.2	9.7	10.5	11.4	12.4	13.4	14.4	15.6
55°	6.0	7.4	8.6	9.3	9.9	10.4	11.2	12.0	13.1	14.3	15.6
57.5°	6.0	7.3	8.2	8.9	9.7	10.5	11.2	11.9	12.8	14.0	15.4
60°	5.9	7.0	7.8	8.6	9.5	10.3	11.2	12.0	12.8	13.7	16.0
62.5°	5.7	6.6	7.5	8.4	9.3	10.1	11.0	12.0	13.2	15.0	17.2
65°	5.3	6.3	7.2	8.2	9.1	10.0	10.9	12.4	14.3	16.2	18.5
67.5°	4.9	5.9	7.0	8.0	9.0	10.1	11.5	13.1	15.1	17.3	19.5
70°	4.3	5.4	6.7	8.0	9.1	10.4	11.9	13.7	15.7	18.2	20.6
72.5°	3.7	4.7	6.1	7.6	9.2	10.5	12.2	14.2	16.3	18.9	21.7
75°	3.3	4.4	5.4	7.1	9.0	10.6	12.4	14.5	16.9	19.5	22.9
77.5°	2.4	3.8	5.0	6.5	8.6	10.7	12.4	14.8	17.4	20.1	23.2
80°	1.8	2.8	4.7	6.0	8.2	10.6	12.6	14.9	17.6	20.4	23.6
82.5°	0.9	2.0	3.9	5.8	7.8	10.3	12.6	15.0	17.8	20.8	24.1
85°	0.3	1.3	3.1	5.3	7.4	10.1	12.6	15.2	18.2	21.2	24.8
87.5°	0.1	0.9	2.6	5.0	7.2	10.2	12.7	15.6	18.8	21.9	25.7
90°	0.0	0.8	2.4	4.9	7.3	10.5	13.0	16.2	19.5	22.7	26.8
92.5°	0.1	0.9	2.6	5.0	7.2	10.2	12.7	15.6	18.8	21.9	25.7
95°	0.3	1.3	3.1	5.3	7.4	10.1	12.6	15.2	18.2	21.2	24.8
97.5°	0.9	2.0	3.9	5.8	7.8	10.3	12.6	15.0	17.8	20.8	24.1
100°	1.8	2.8	4.7	6.0	8.2	10.6	12.6	14.9	17.6	20.4	23.6
102.5°	2.4	3.8	5.0	6.5	8.6	10.7	12.4	14.8	17.4	20.1	23.2
105°	3.3	4.4	5.4	7.1	9.0	10.6	12.4	14.5	16.9	19.5	22.9
107.5°	3.7	4.7	6.1	7.6	9.2	10.5	12.2	14.2	16.3	18.9	21.7
110°	4.3	5.4	6.7	8.0	9.1	10.4	11.9	13.7	15.7	18.2	20.6



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	4.9	5.9	7.0	8.0	9.0	10.1	11.5	13.1	15.1	17.3	19.5
115°	5.3	6.3	7.2	8.2	9.1	10.0	10.9	12.4	14.3	16.2	18.5
117.5°	5.7	6.6	7.5	8.4	9.3	10.1	11.0	12.0	13.2	15.0	17.2
120°	5.9	7.0	7.8	8.6	9.5	10.3	11.2	12.0	12.8	13.7	16.0
122.5°	6.0	7.3	8.2	8.9	9.7	10.5	11.2	11.9	12.8	14.0	15.4
125°	6.0	7.4	8.6	9.3	9.9	10.4	11.2	12.0	13.1	14.3	15.6
127.5°	6.1	7.4	8.5	9.2	9.7	10.5	11.4	12.4	13.4	14.4	15.6
130°	5.7	6.8	8.0	9.2	10.1	10.9	11.8	12.5	13.4	14.5	15.7
132.5°	5.5	6.7	7.9	9.2	10.4	11.0	11.6	12.4	13.4	14.5	15.7
135°	5.5	6.7	7.8	8.8	9.8	10.7	11.6	12.5	13.4	14.4	15.5
137.5°	5.2	6.2	7.2	8.3	9.4	10.6	11.5	12.1	13.0	13.9	14.9
140°	5.0	6.0	7.0	8.0	8.9	9.8	10.6	11.4	12.2	13.1	14.0
142.5°	4.7	5.6	6.5	7.4	8.2	9.0	9.8	10.5	11.3	12.1	13.0
145°	4.3	5.2	6.0	6.8	7.5	8.3	9.0	9.7	10.4	11.0	11.7
147.5°	3.9	4.7	5.4	6.2	6.9	7.6	8.2	8.9	9.5	10.1	10.6
150°	3.6	4.3	4.9	5.6	6.3	6.9	7.5	8.1	8.7	9.4	10.2
152.5°	3.2	3.9	4.5	5.1	5.7	6.3	7.0	7.7	8.4	9.0	9.5
155°	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.1	7.6	8.1	8.7
157.5°	2.8	3.3	3.8	4.4	4.9	5.4	5.9	6.5	7.0	7.6	8.1
160°	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.4	6.8	7.2
162.5°	2.3	2.7	3.1	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.5
165°	1.9	2.3	2.7	3.1	3.5	3.9	4.2	4.6	5.0	5.4	5.7
167.5°	1.7	2.0	2.3	2.7	3.0	3.3	3.6	3.9	4.2	4.4	4.7
170°	1.3	1.6	1.9	2.1	2.4	2.6	2.9	3.1	3.3	3.5	3.8
172.5°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.7	2.9
175°	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.6	1.8	1.9	2.0
177.5°	0.4	0.4	0.5	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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	1.4	1.4	1.5	1.5	1.6	1.6	1.6
5°	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
7.5°	3.1	3.3	3.4	3.6	3.8	3.9	4.1	4.2	4.3	4.5	4.6
10°	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0
12.5°	5.0	5.2	5.5	5.7	5.9	6.1	6.4	6.6	6.9	7.1	7.3
15°	6.0	6.3	6.6	6.9	7.1	7.4	7.6	7.8	8.0	8.3	8.6
17.5°	6.9	7.3	7.7	8.0	8.3	8.6	8.9	9.1	9.4	9.6	9.8
20°	7.6	8.1	8.5	9.0	9.5	9.9	10.2	10.5	10.7	11.0	11.2
22.5°	8.6	9.0	9.4	9.8	10.4	10.9	11.4	11.8	12.1	12.4	12.6
25°	9.3	9.9	10.5	11.0	11.4	11.8	12.4	13.0	13.5	13.8	14.6
27.5°	10.0	10.5	11.2	11.9	12.6	13.0	13.9	15.0	16.4	17.7	18.8
30°	11.0	11.6	12.0	12.9	14.2	15.5	16.7	17.9	19.4	21.0	22.6
32.5°	11.4	12.6	13.9	14.9	16.0	17.4	19.1	20.6	22.1	23.9	25.9
35°	12.7	13.6	15.0	16.5	17.8	19.1	20.8	22.7	24.6	26.5	28.8
37.5°	14.0	15.0	16.1	17.6	19.3	20.8	22.4	24.4	26.7	29.0	31.3
40°	15.0	16.2	17.4	18.7	20.3	22.2	24.0	25.9	28.4	31.1	33.8
42.5°	15.9	17.0	18.4	19.8	21.3	23.2	25.3	27.5	29.8	32.9	36.0
45°	16.7	17.9	19.1	20.7	22.4	24.2	26.4	28.8	31.3	34.4	38.0
47.5°	17.1	18.6	20.0	21.4	23.3	25.3	27.3	30.0	32.8	35.7	39.7
50°	17.2	18.8	20.6	22.2	23.9	26.2	28.4	31.1	34.5	37.6	40.9
52.5°	17.0	18.8	20.8	22.9	24.6	27.7	30.9	34.1	37.4	40.2	42.6
55°	17.0	18.6	21.0	24.3	27.5	30.5	33.9	37.4	40.6	43.3	45.1
57.5°	17.1	19.7	22.8	26.4	30.1	33.4	36.9	40.5	44.1	46.7	48.1
60°	18.6	21.5	24.6	28.3	32.3	36.2	39.9	43.7	47.5	50.2	51.6
62.5°	19.9	23.0	26.4	30.2	34.3	38.8	42.9	46.9	50.9	54.0	55.4
65°	21.2	24.3	28.1	32.0	36.3	41.1	45.8	50.1	54.2	58.1	59.5
67.5°	22.6	25.6	29.5	33.8	38.4	43.3	48.6	53.3	57.7	62.0	63.4
70°	23.7	27.1	30.9	35.6	40.5	45.5	51.3	56.5	61.1	65.3	66.4
72.5°	24.6	28.6	32.2	37.3	42.5	47.3	52.9	57.8	61.7	64.8	65.9
75°	25.6	29.7	33.2	37.8	42.9	48.0	53.5	58.6	62.2	64.7	65.5
77.5°	26.2	29.9	33.8	38.2	43.5	48.8	54.3	59.6	62.9	64.8	65.2
80°	26.8	30.4	34.6	38.8	44.2	49.7	55.3	60.8	63.9	65.3	65.0
82.5°	27.4	31.0	35.4	39.5	45.0	50.8	56.4	62.2	65.0	65.9	64.7
85°	28.1	31.8	36.4	40.5	46.0	52.1	57.7	63.8	66.2	66.6	64.5
87.5°	29.0	32.8	37.6	41.6	47.2	53.5	59.1	65.5	67.6	67.4	64.3
90°	30.0	34.0	38.9	43.0	48.6	55.1	60.8	67.3	68.9	68.1	64.0
92.5°	29.0	32.8	37.6	41.6	47.2	53.5	59.1	65.5	67.6	67.4	64.3
95°	28.1	31.8	36.4	40.5	46.0	52.1	57.7	63.8	66.2	66.6	64.5
97.5°	27.4	31.0	35.4	39.5	45.0	50.8	56.4	62.2	65.0	65.9	64.7
100°	26.8	30.4	34.6	38.8	44.2	49.7	55.3	60.8	63.9	65.3	65.0
102.5°	26.2	29.9	33.8	38.2	43.5	48.8	54.3	59.6	62.9	64.8	65.2
105°	25.6	29.7	33.2	37.8	42.9	48.0	53.5	58.6	62.2	64.7	65.5
107.5°	24.6	28.6	32.2	37.3	42.5	47.3	52.9	57.8	61.7	64.8	65.9
110°	23.7	27.1	30.9	35.6	40.5	45.5	51.3	56.5	61.1	65.3	66.4



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	22.6	25.6	29.5	33.8	38.4	43.3	48.6	53.3	57.7	62.0	63.4
115°	21.2	24.3	28.1	32.0	36.3	41.1	45.8	50.1	54.2	58.1	59.5
117.5°	19.9	23.0	26.4	30.2	34.3	38.8	42.9	46.9	50.9	54.0	55.4
120°	18.6	21.5	24.6	28.3	32.3	36.2	39.9	43.7	47.5	50.2	51.6
122.5°	17.1	19.7	22.8	26.4	30.1	33.4	36.9	40.5	44.1	46.7	48.1
125°	17.0	18.6	21.0	24.3	27.5	30.5	33.9	37.4	40.6	43.3	45.1
127.5°	17.0	18.8	20.8	22.9	24.6	27.7	30.9	34.1	37.4	40.2	42.6
130°	17.2	18.8	20.6	22.2	23.9	26.2	28.4	31.1	34.5	37.6	40.9
132.5°	17.1	18.6	20.0	21.4	23.3	25.3	27.3	30.0	32.8	35.7	39.7
135°	16.7	17.9	19.1	20.7	22.4	24.2	26.4	28.8	31.3	34.4	38.0
137.5°	15.9	17.0	18.4	19.8	21.3	23.2	25.3	27.5	29.8	32.9	36.0
140°	15.0	16.2	17.4	18.7	20.3	22.2	24.0	25.9	28.4	31.1	33.8
142.5°	14.0	15.0	16.1	17.6	19.3	20.8	22.4	24.4	26.7	29.0	31.3
145°	12.7	13.6	15.0	16.5	17.8	19.1	20.8	22.7	24.6	26.5	28.8
147.5°	11.4	12.6	13.9	14.9	16.0	17.4	19.1	20.6	22.1	23.9	25.9
150°	11.0	11.6	12.0	12.9	14.2	15.5	16.7	17.9	19.4	21.0	22.6
152.5°	10.0	10.5	11.2	11.9	12.6	13.0	13.9	15.0	16.4	17.7	18.8
155°	9.3	9.9	10.5	11.0	11.4	11.8	12.4	13.0	13.5	13.8	14.6
157.5°	8.6	9.0	9.4	9.8	10.4	10.9	11.4	11.8	12.1	12.4	12.6
160°	7.6	8.1	8.5	9.0	9.5	9.9	10.2	10.5	10.7	11.0	11.2
162.5°	6.9	7.3	7.7	8.0	8.3	8.6	8.9	9.1	9.4	9.6	9.8
165°	6.0	6.3	6.6	6.9	7.1	7.4	7.6	7.8	8.0	8.3	8.6
167.5°	5.0	5.2	5.5	5.7	5.9	6.1	6.4	6.6	6.9	7.1	7.3
170°	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0
172.5°	3.1	3.3	3.4	3.6	3.8	3.9	4.1	4.2	4.3	4.5	4.6
175°	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
177.5°	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6	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: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	2.2
5°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.7	3.8	4.3
7.5°	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	6.4
10°	6.2	6.3	6.5	6.6	6.8	7.0	7.1	7.3	7.4	7.6	8.6
12.5°	7.6	7.8	8.0	8.2	8.3	8.6	8.8	9.0	9.2	9.4	10.7
15°	8.9	9.2	9.4	9.7	9.9	10.1	10.4	10.7	11.0	11.3	12.7
17.5°	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.4	12.8	13.2	14.8
20°	11.4	11.8	12.2	12.6	12.9	13.2	13.6	14.1	14.6	15.1	16.8
22.5°	12.8	13.0	13.5	13.9	14.4	14.8	15.2	15.7	16.4	17.0	18.9
25°	15.4	16.2	17.0	17.9	18.7	19.4	19.9	20.5	21.2	21.8	23.7
27.5°	19.9	21.0	22.1	23.0	23.8	24.5	25.0	25.4	26.0	26.6	28.6
30°	24.1	25.5	26.9	28.2	29.0	29.7	30.1	30.3	30.9	31.3	33.5
32.5°	27.8	29.7	31.4	33.1	34.2	34.9	35.3	35.4	35.8	36.1	38.3
35°	31.2	33.5	35.7	37.8	39.5	40.2	40.5	40.5	40.7	40.9	43.1
37.5°	34.1	37.0	39.7	42.3	44.8	45.4	45.8	45.6	45.6	45.7	47.9
40°	36.8	40.1	43.4	46.6	49.4	50.8	51.2	50.8	50.6	50.4	52.7
42.5°	39.2	43.0	46.9	50.8	54.0	56.1	56.6	56.0	55.5	55.2	57.5
45°	41.6	45.7	50.1	54.5	58.5	61.5	61.9	61.2	60.5	60.0	62.2
47.5°	43.7	47.5	51.8	56.0	60.0	63.5	64.2	64.4	64.6	65.5	69.4
50°	44.4	47.9	52.1	56.3	60.4	64.4	66.0	67.2	68.7	71.0	76.7
52.5°	45.5	48.7	52.5	56.7	60.8	65.1	67.7	69.9	72.6	76.5	84.1
55°	47.2	49.7	53.0	57.3	61.2	65.8	69.3	72.5	76.4	82.0	91.6
57.5°	49.4	51.1	53.7	57.9	61.8	66.4	70.7	74.9	80.1	87.4	99.2
60°	52.0	52.7	54.7	58.7	62.5	67.1	72.0	77.2	83.8	92.9	106.9
62.5°	55.0	54.7	56.0	59.5	63.2	67.8	73.3	79.4	87.4	98.4	114.6
65°	58.4	57.2	57.6	60.4	64.1	68.5	74.5	81.5	90.9	103.9	122.5
67.5°	62.0	59.9	59.3	61.5	65.0	69.2	75.6	83.6	94.4	109.4	130.3
70°	64.4	61.5	60.0	61.4	64.8	68.7	74.9	82.9	93.7	109.0	130.1
72.5°	64.3	61.5	59.9	61.0	64.4	68.2	74.1	82.2	93.1	108.7	129.8
75°	64.0	61.4	59.8	60.7	63.9	67.8	73.3	81.6	92.4	108.3	130.2
77.5°	63.6	61.2	59.7	60.4	63.4	67.4	72.6	81.0	91.8	108.0	129.6
80°	63.2	60.9	59.6	60.3	63.0	67.1	71.9	80.4	91.2	107.6	129.0
82.5°	62.7	60.5	59.5	60.1	62.6	66.9	71.3	79.9	90.7	107.3	128.4
85°	62.1	60.1	59.4	60.1	62.2	66.7	70.7	79.4	90.2	106.9	127.7
87.5°	61.5	59.7	59.3	60.0	61.9	66.6	70.2	79.0	89.7	106.6	127.1
90°	60.8	59.2	59.2	60.0	61.6	66.5	69.7	78.6	89.2	106.2	126.5
92.5°	61.5	59.7	59.3	60.0	61.9	66.6	70.2	79.0	89.7	106.6	127.1
95°	62.1	60.1	59.4	60.1	62.2	66.7	70.7	79.4	90.2	106.9	127.7
97.5°	62.7	60.5	59.5	60.1	62.6	66.9	71.3	79.9	90.7	107.3	128.4
100°	63.2	60.9	59.6	60.3	63.0	67.1	71.9	80.4	91.2	107.6	129.0
102.5°	63.6	61.2	59.7	60.4	63.4	67.4	72.6	81.0	91.8	108.0	129.6
105°	64.0	61.4	59.8	60.7	63.9	67.8	73.3	81.6	92.4	108.3	130.2
107.5°	64.3	61.5	59.9	61.0	64.4	68.2	74.1	82.2	93.1	108.7	129.8
110°	64.4	61.5	60.0	61.4	64.8	68.7	74.9	82.9	93.7	109.0	130.1



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	62.0	59.9	59.3	61.5	65.0	69.2	75.6	83.6	94.4	109.4	130.3
115°	58.4	57.2	57.6	60.4	64.1	68.5	74.5	81.5	90.9	103.9	122.5
117.5°	55.0	54.7	56.0	59.5	63.2	67.8	73.3	79.4	87.4	98.4	114.6
120°	52.0	52.7	54.7	58.7	62.5	67.1	72.0	77.2	83.8	92.9	106.9
122.5°	49.4	51.1	53.7	57.9	61.8	66.4	70.7	74.9	80.1	87.4	99.2
125°	47.2	49.7	53.0	57.3	61.2	65.8	69.3	72.5	76.4	82.0	91.6
127.5°	45.5	48.7	52.5	56.7	60.8	65.1	67.7	69.9	72.6	76.5	84.1
130°	44.4	47.9	52.1	56.3	60.4	64.4	66.0	67.2	68.7	71.0	76.7
132.5°	43.7	47.5	51.8	56.0	60.0	63.5	64.2	64.4	64.6	65.5	69.4
135°	41.6	45.7	50.1	54.5	58.5	61.5	61.9	61.2	60.5	60.0	62.2
137.5°	39.2	43.0	46.9	50.8	54.0	56.1	56.6	56.0	55.5	55.2	57.5
140°	36.8	40.1	43.4	46.6	49.4	50.8	51.2	50.8	50.6	50.4	52.7
142.5°	34.1	37.0	39.7	42.3	44.8	45.4	45.8	45.6	45.6	45.7	47.9
145°	31.2	33.5	35.7	37.8	39.5	40.2	40.5	40.5	40.7	40.9	43.1
147.5°	27.8	29.7	31.4	33.1	34.2	34.9	35.3	35.4	35.8	36.1	38.3
150°	24.1	25.5	26.9	28.2	29.0	29.7	30.1	30.3	30.9	31.3	33.5
152.5°	19.9	21.0	22.1	23.0	23.8	24.5	25.0	25.4	26.0	26.6	28.6
155°	15.4	16.2	17.0	17.9	18.7	19.4	19.9	20.5	21.2	21.8	23.7
157.5°	12.8	13.0	13.5	13.9	14.4	14.8	15.2	15.7	16.4	17.0	18.9
160°	11.4	11.8	12.2	12.6	12.9	13.2	13.6	14.1	14.6	15.1	16.8
162.5°	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.4	12.8	13.2	14.8
165°	8.9	9.2	9.4	9.7	9.9	10.1	10.4	10.7	11.0	11.3	12.7
167.5°	7.6	7.8	8.0	8.2	8.3	8.6	8.8	9.0	9.2	9.4	10.7
170°	6.2	6.3	6.5	6.6	6.8	7.0	7.1	7.3	7.4	7.6	8.6
172.5°	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	6.4
175°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.7	3.8	4.3
177.5°	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	2.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6	4.8
5°	4.8	5.3	5.9	6.3	6.8	7.3	7.8	8.2	8.6	9.1	9.5
7.5°	7.2	8.0	8.7	9.4	10.1	10.8	11.5	12.4	13.3	14.2	15.0
10°	9.5	10.5	11.5	12.4	13.4	14.6	15.8	17.0	18.1	19.3	20.4
12.5°	11.8	13.0	14.2	15.4	16.9	18.4	19.9	21.3	22.6	23.6	24.6
15°	14.1	15.5	16.8	18.6	20.4	22.1	23.8	25.2	26.5	27.8	29.2
17.5°	16.3	17.9	19.7	21.7	23.7	25.6	27.3	29.0	30.7	32.5	34.2
20°	18.5	20.2	22.5	24.6	26.8	29.0	31.1	33.1	35.3	37.5	39.5
22.5°	20.7	22.7	25.1	27.5	30.0	32.5	34.9	37.6	40.1	42.5	44.6
25°	25.6	27.8	30.2	32.5	35.1	37.6	40.3	42.9	45.3	47.4	49.8
27.5°	30.6	33.0	35.5	38.2	41.0	43.8	46.6	49.4	51.8	54.1	56.5
30°	35.5	38.1	40.7	43.8	47.0	49.8	52.8	55.6	58.2	60.7	63.2
32.5°	40.5	43.2	46.0	49.3	52.5	55.7	58.8	61.7	64.4	67.0	68.9
35°	45.4	48.1	51.3	54.8	58.1	61.6	64.6	67.6	70.3	72.5	73.7
37.5°	50.3	53.1	56.5	60.2	63.6	67.0	70.3	73.2	76.1	77.2	78.2
40°	55.1	57.9	61.7	65.4	68.9	72.5	75.9	78.5	80.4	81.6	81.7
42.5°	59.9	62.7	66.8	70.6	74.1	77.9	81.0	83.5	84.6	85.2	85.0
45°	64.7	67.6	71.9	75.6	79.3	83.2	85.8	87.6	88.7	88.4	88.6
47.5°	73.4	77.8	83.1	86.5	89.4	91.8	92.6	92.3	92.0	91.4	92.2
50°	82.5	88.9	95.8	99.8	102.8	104.4	104.6	103.7	101.4	99.3	98.2
52.5°	91.8	100.3	108.5	113.3	115.9	116.6	116.0	114.6	111.6	109.6	108.9
55°	101.3	111.9	121.3	126.6	128.8	128.5	127.3	124.9	121.6	119.4	119.5
57.5°	111.0	123.9	134.3	139.7	141.5	140.2	138.3	135.1	131.7	129.6	130.1
60°	120.9	136.0	147.3	152.6	153.5	151.6	149.2	145.1	141.4	140.1	140.9
62.5°	130.8	148.3	160.4	165.4	165.4	162.8	159.7	155.0	150.9	150.5	151.7
65°	140.9	160.8	173.6	178.1	177.1	173.9	170.0	164.9	160.2	160.8	162.2
67.5°	151.0	173.4	186.8	190.7	188.7	184.8	180.2	174.6	170.4	171.2	172.7
70°	151.3	174.7	189.6	195.3	194.8	191.8	187.6	182.7	179.9	181.4	184.1
72.5°	151.1	174.9	190.9	198.3	199.1	196.4	192.7	188.6	186.9	188.3	192.4
75°	150.9	175.0	192.4	201.5	203.6	201.1	198.1	194.8	193.6	195.3	200.1
77.5°	150.5	175.0	193.8	205.0	208.4	205.8	203.7	201.3	200.2	202.3	207.5
80°	150.8	174.8	195.3	208.6	213.3	210.6	209.4	208.0	206.6	209.2	214.6
82.5°	149.9	175.2	197.5	212.3	218.4	215.4	215.4	214.9	212.9	216.2	221.4
85°	149.1	174.3	198.4	216.3	223.6	220.2	221.4	221.9	219.2	223.1	228.0
87.5°	148.3	173.5	199.3	219.6	228.6	225.2	227.5	228.9	225.5	230.0	234.6
90°	147.5	172.7	200.2	222.9	233.5	230.2	233.5	235.9	231.8	236.7	240.8
92.5°	148.3	173.5	199.3	219.6	228.6	225.2	227.5	228.9	225.5	230.0	234.6
95°	149.1	174.3	198.4	216.3	223.6	220.2	221.4	221.9	219.2	223.1	228.0
97.5°	149.9	175.2	197.5	212.3	218.4	215.4	215.4	214.9	212.9	216.2	221.4
100°	150.8	174.8	195.3	208.6	213.3	210.6	209.4	208.0	206.6	209.2	214.6
102.5°	150.5	175.0	193.8	205.0	208.4	205.8	203.7	201.3	200.2	202.3	207.5
105°	150.9	175.0	192.4	201.5	203.6	201.1	198.1	194.8	193.6	195.3	200.1
107.5°	151.1	174.9	190.9	198.3	199.1	196.4	192.7	188.6	186.9	188.3	192.4
110°	151.3	174.7	189.6	195.3	194.8	191.8	187.6	182.7	179.9	181.4	184.1



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	151.0	173.4	186.8	190.7	188.7	184.8	180.2	174.6	170.4	171.2	172.7
115°	140.9	160.8	173.6	178.1	177.1	173.9	170.0	164.9	160.2	160.8	162.2
117.5°	130.8	148.3	160.4	165.4	165.4	162.8	159.7	155.0	150.9	150.5	151.7
120°	120.9	136.0	147.3	152.6	153.5	151.6	149.2	145.1	141.4	140.1	140.9
122.5°	111.0	123.9	134.3	139.7	141.5	140.2	138.3	135.1	131.7	129.6	130.1
125°	101.3	111.9	121.3	126.6	128.8	128.5	127.3	124.9	121.6	119.4	119.5
127.5°	91.8	100.3	108.5	113.3	115.9	116.6	116.0	114.6	111.6	109.6	108.9
130°	82.5	88.9	95.8	99.8	102.8	104.4	104.6	103.7	101.4	99.3	98.2
132.5°	73.4	77.8	83.1	86.5	89.4	91.8	92.6	92.3	92.0	91.4	92.2
135°	64.7	67.6	71.9	75.6	79.3	83.2	85.8	87.6	88.7	88.4	88.6
137.5°	59.9	62.7	66.8	70.6	74.1	77.9	81.0	83.5	84.6	85.2	85.0
140°	55.1	57.9	61.7	65.4	68.9	72.5	75.9	78.5	80.4	81.6	81.7
142.5°	50.3	53.1	56.5	60.2	63.6	67.0	70.3	73.2	76.1	77.2	78.2
145°	45.4	48.1	51.3	54.8	58.1	61.6	64.6	67.6	70.3	72.5	73.7
147.5°	40.5	43.2	46.0	49.3	52.5	55.7	58.8	61.7	64.4	67.0	68.9
150°	35.5	38.1	40.7	43.8	47.0	49.8	52.8	55.6	58.2	60.7	63.2
152.5°	30.6	33.0	35.5	38.2	41.0	43.8	46.6	49.4	51.8	54.1	56.5
155°	25.6	27.8	30.2	32.5	35.1	37.6	40.3	42.9	45.3	47.4	49.8
157.5°	20.7	22.7	25.1	27.5	30.0	32.5	34.9	37.6	40.1	42.5	44.6
160°	18.5	20.2	22.5	24.6	26.8	29.0	31.1	33.1	35.3	37.5	39.5
162.5°	16.3	17.9	19.7	21.7	23.7	25.6	27.3	29.0	30.7	32.5	34.2
165°	14.1	15.5	16.8	18.6	20.4	22.1	23.8	25.2	26.5	27.8	29.2
167.5°	11.8	13.0	14.2	15.4	16.9	18.4	19.9	21.3	22.6	23.6	24.6
170°	9.5	10.5	11.5	12.4	13.4	14.6	15.8	17.0	18.1	19.3	20.4
172.5°	7.2	8.0	8.7	9.4	10.1	10.8	11.5	12.4	13.3	14.2	15.0
175°	4.8	5.3	5.9	6.3	6.8	7.3	7.8	8.2	8.6	9.1	9.5
177.5°	2.4	2.7	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6	4.8
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: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	5.0	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.2	6.3	6.4
5°	10.0	10.5	11.1	11.5	12.0	12.4	12.9	13.2	13.6	13.9	14.3
7.5°	15.8	16.6	17.4	18.1	18.7	19.1	19.5	19.8	20.1	20.3	20.6
10°	21.1	21.8	22.5	23.1	23.6	24.2	24.6	25.1	25.7	26.1	26.5
12.5°	25.6	26.5	27.3	28.3	29.3	30.1	30.9	31.6	32.3	32.8	33.1
15°	30.5	31.8	33.1	34.3	35.4	36.2	36.9	37.6	38.1	38.6	39.0
17.5°	35.9	37.7	38.8	39.9	41.0	41.9	42.8	43.7	44.4	45.0	45.4
20°	41.3	42.8	44.3	45.7	47.0	48.3	49.4	50.2	50.9	51.4	52.0
22.5°	46.5	48.4	50.3	52.0	53.6	54.5	55.4	56.2	57.0	57.9	58.9
25°	52.2	54.5	57.0	57.9	58.9	59.9	60.9	61.9	63.0	64.1	65.2
27.5°	58.8	60.7	61.7	62.9	63.7	64.6	65.7	66.7	67.9	69.2	70.7
30°	65.0	66.0	66.9	67.3	67.6	68.3	69.5	70.8	72.5	74.1	76.0
32.5°	70.1	70.8	71.1	71.5	72.2	72.9	73.8	74.8	77.0	80.3	83.5
35°	74.6	74.8	75.2	76.0	76.9	78.0	79.1	81.7	84.1	87.9	93.0
37.5°	78.3	78.6	79.5	80.6	81.9	83.9	86.7	90.0	94.5	99.2	104.8
40°	81.8	82.7	83.9	85.4	87.9	91.0	95.5	100.6	106.9	114.0	121.3
42.5°	85.8	86.9	88.6	91.1	94.5	99.7	105.4	113.6	122.2	131.5	141.2
45°	89.5	91.3	93.7	97.2	102.8	109.1	118.4	128.0	139.3	150.7	163.1
47.5°	93.7	95.7	99.4	104.7	111.6	121.5	132.2	144.5	157.7	171.5	186.3
50°	98.3	101.0	105.4	112.8	122.7	134.0	147.3	161.8	177.7	193.9	211.0
52.5°	109.2	110.8	115.3	122.2	134.4	147.9	163.1	180.1	198.0	217.3	237.9
55°	120.5	123.3	129.3	137.9	149.0	162.1	179.0	198.6	219.3	241.4	265.5
57.5°	131.7	136.4	143.6	153.1	165.3	180.4	198.0	217.8	240.8	266.5	292.5
60°	143.1	149.1	157.4	168.1	181.5	197.8	217.4	239.3	263.7	290.5	316.4
62.5°	155.4	162.0	170.4	181.8	196.9	215.2	236.1	259.3	285.7	311.4	339.6
65°	167.4	174.3	183.3	195.5	211.4	230.9	253.3	278.0	303.7	330.5	361.5
67.5°	179.1	185.7	195.1	208.4	225.6	246.0	268.8	293.7	318.6	348.5	385.0
70°	190.4	196.6	205.9	220.2	238.3	259.5	282.3	306.2	332.6	364.7	406.2
72.5°	199.2	206.4	216.6	231.4	249.8	272.2	293.2	316.3	344.5	380.1	424.7
75°	206.9	215.1	225.8	240.0	258.2	279.5	301.2	324.6	353.8	391.5	441.3
77.5°	214.6	223.4	233.8	246.9	264.3	284.5	305.7	330.7	363.0	403.9	454.1
80°	222.1	231.4	240.9	252.4	268.9	288.1	308.6	335.2	370.6	416.6	467.9
82.5°	229.5	239.1	247.1	256.7	272.2	290.4	310.1	338.1	376.5	426.3	478.6
85°	236.7	246.4	252.7	260.1	274.5	291.5	310.2	339.4	380.5	432.9	486.1
87.5°	243.9	253.6	257.9	262.9	276.0	292.0	309.6	339.9	383.6	437.8	491.9
90°	250.5	260.2	262.7	265.1	276.4	291.0	307.2	337.2	381.8	436.1	490.4
92.5°	243.9	253.6	257.9	262.9	276.0	292.0	309.6	339.9	383.6	437.8	491.9
95°	236.7	246.4	252.7	260.1	274.5	291.5	310.2	339.4	380.5	432.9	486.1
97.5°	229.5	239.1	247.1	256.7	272.2	290.4	310.1	338.1	376.5	426.3	478.6
100°	222.1	231.4	240.9	252.4	268.9	288.1	308.6	335.2	370.6	416.6	467.9
102.5°	214.6	223.4	233.8	246.9	264.3	284.5	305.7	330.7	363.0	403.9	454.1
105°	206.9	215.1	225.8	240.0	258.2	279.5	301.2	324.6	353.8	391.5	441.3
107.5°	199.2	206.4	216.6	231.4	249.8	272.2	293.2	316.3	344.5	380.1	424.7
110°	190.4	196.6	205.9	220.2	238.3	259.5	282.3	306.2	332.6	364.7	406.2



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	179.1	185.7	195.1	208.4	225.6	246.0	268.8	293.7	318.6	348.5	385.0
115°	167.4	174.3	183.3	195.5	211.4	230.9	253.3	278.0	303.7	330.5	361.5
117.5°	155.4	162.0	170.4	181.8	196.9	215.2	236.1	259.3	285.7	311.4	339.6
120°	143.1	149.1	157.4	168.1	181.5	197.8	217.4	239.3	263.7	290.5	316.4
122.5°	131.7	136.4	143.6	153.1	165.3	180.4	198.0	217.8	240.8	266.5	292.5
125°	120.5	123.3	129.3	137.9	149.0	162.1	179.0	198.6	219.3	241.4	265.5
127.5°	109.2	110.8	115.3	122.2	134.4	147.9	163.1	180.1	198.0	217.3	237.9
130°	98.3	101.0	105.4	112.8	122.7	134.0	147.3	161.8	177.7	193.9	211.0
132.5°	93.7	95.7	99.4	104.7	111.6	121.5	132.2	144.5	157.7	171.5	186.3
135°	89.5	91.3	93.7	97.2	102.8	109.1	118.4	128.0	139.3	150.7	163.1
137.5°	85.8	86.9	88.6	91.1	94.5	99.7	105.4	113.6	122.2	131.5	141.2
140°	81.8	82.7	83.9	85.4	87.9	91.0	95.5	100.6	106.9	114.0	121.3
142.5°	78.3	78.6	79.5	80.6	81.9	83.9	86.7	90.0	94.5	99.2	104.8
145°	74.6	74.8	75.2	76.0	76.9	78.0	79.1	81.7	84.1	87.9	93.0
147.5°	70.1	70.8	71.1	71.5	72.2	72.9	73.8	74.8	77.0	80.3	83.5
150°	65.0	66.0	66.9	67.3	67.6	68.3	69.5	70.8	72.5	74.1	76.0
152.5°	58.8	60.7	61.7	62.9	63.7	64.6	65.7	66.7	67.9	69.2	70.7
155°	52.2	54.5	57.0	57.9	58.9	59.9	60.9	61.9	63.0	64.1	65.2
157.5°	46.5	48.4	50.3	52.0	53.6	54.5	55.4	56.2	57.0	57.9	58.9
160°	41.3	42.8	44.3	45.7	47.0	48.3	49.4	50.2	50.9	51.4	52.0
162.5°	35.9	37.7	38.8	39.9	41.0	41.9	42.8	43.7	44.4	45.0	45.4
165°	30.5	31.8	33.1	34.3	35.4	36.2	36.9	37.6	38.1	38.6	39.0
167.5°	25.6	26.5	27.3	28.3	29.3	30.1	30.9	31.6	32.3	32.8	33.1
170°	21.1	21.8	22.5	23.1	23.6	24.2	24.6	25.1	25.7	26.1	26.5
172.5°	15.8	16.6	17.4	18.1	18.7	19.1	19.5	19.8	20.1	20.3	20.6
175°	10.0	10.5	11.1	11.5	12.0	12.4	12.9	13.2	13.6	13.9	14.3
177.5°	5.0	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.2	6.3	6.4
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: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-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°	6.5	6.6	6.6	6.7	6.7	6.7	6.9	6.9	6.8	6.7	6.6
5°	14.5	14.8	15.0	15.2	15.3	15.5	15.6	15.6	15.9	15.8	15.7
7.5°	20.7	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.0	21.0	20.7
10°	26.9	27.2	27.4	27.6	27.8	27.8	27.9	27.8	27.7	27.8	27.5
12.5°	33.3	33.5	33.7	33.7	33.7	33.7	33.6	33.4	33.1	32.8	32.6
15°	39.3	39.5	39.7	39.7	39.7	39.6	39.4	39.1	38.7	38.2	37.8
17.5°	45.8	46.1	46.3	46.4	46.5	46.4	46.3	46.1	45.9	45.5	45.2
20°	52.4	52.9	53.6	54.2	54.8	55.3	55.8	56.1	56.4	56.5	56.8
22.5°	59.9	60.9	61.8	62.6	63.3	64.0	64.6	65.1	65.5	65.7	66.2
25°	66.3	67.4	68.5	69.7	70.7	71.7	72.7	73.5	74.2	74.7	75.1
27.5°	72.2	73.6	75.1	76.9	79.0	80.9	82.6	84.1	85.5	86.6	87.5
30°	78.6	81.4	84.1	86.6	89.9	92.9	95.7	98.2	100.3	102.2	103.6
32.5°	87.1	91.4	95.6	99.6	104.0	108.5	112.5	116.1	119.2	121.9	124.0
35°	98.0	104.0	110.2	116.1	121.9	128.7	135.0	140.7	145.7	150.1	153.6
37.5°	112.2	119.8	128.9	137.5	145.8	153.8	161.0	167.3	172.7	177.3	181.0
40°	129.8	139.7	150.5	160.8	170.2	179.5	188.4	196.2	203.0	208.8	213.3
42.5°	151.7	161.9	173.7	186.3	198.0	209.0	220.0	229.5	237.5	244.0	249.0
45°	175.3	188.2	200.2	215.5	230.3	244.9	255.6	266.0	274.6	281.3	286.3
47.5°	201.1	217.2	233.3	249.1	265.7	280.4	294.5	307.6	318.5	327.2	333.7
50°	229.9	248.5	267.7	285.8	305.2	323.6	340.6	357.1	371.1	382.4	390.8
52.5°	259.5	281.2	303.3	325.4	349.2	372.7	393.5	416.5	435.6	450.5	461.2
55°	289.5	313.8	339.3	367.2	397.2	432.1	461.9	483.0	498.4	509.4	516.0
57.5°	317.9	346.1	376.2	414.1	455.5	488.7	520.8	537.9	549.0	557.4	562.7
60°	345.7	378.0	418.9	460.0	499.7	533.9	561.7	579.6	587.8	594.7	600.1
62.5°	371.8	413.2	456.7	500.0	537.6	569.7	591.9	608.0	617.8	625.1	629.8
65°	400.9	444.0	490.4	534.6	571.9	601.0	621.2	636.2	643.8	649.1	652.9
67.5°	427.8	474.5	523.1	568.8	606.1	631.9	648.5	657.5	663.8	670.3	674.3
70°	453.1	502.8	553.0	601.6	637.3	657.0	669.4	677.8	685.4	690.6	695.4
72.5°	474.9	526.2	578.2	625.0	658.0	676.7	686.3	695.0	702.7	706.9	711.8
75°	492.4	545.1	598.7	644.8	674.9	689.3	700.7	709.3	715.8	720.7	724.6
77.5°	505.3	559.5	618.4	662.0	686.0	700.2	711.6	720.0	726.1	731.4	736.0
80°	519.1	574.8	633.3	676.2	696.6	709.0	720.1	728.1	735.2	742.0	745.7
82.5°	530.9	589.7	646.2	683.9	702.5	715.4	727.0	734.8	742.4	747.5	752.9
85°	538.6	598.8	655.4	689.8	706.2	719.7	731.2	739.0	747.1	753.1	759.4
87.5°	544.0	602.4	660.2	694.0	708.5	721.3	733.5	740.3	749.6	754.9	762.7
90°	541.5	600.7	659.9	695.5	709.3	720.7	734.5	740.1	748.2	755.5	760.4
92.5°	544.0	602.4	660.2	694.0	708.5	721.3	733.5	740.3	749.6	754.9	762.7
95°	538.6	598.8	655.4	689.8	706.2	719.7	731.2	739.0	747.1	753.1	759.4
97.5°	530.9	589.7	646.2	683.9	702.5	715.4	727.0	734.8	742.4	747.5	752.9
100°	519.1	574.8	633.3	676.2	696.6	709.0	720.1	728.1	735.2	742.0	745.7
102.5°	505.3	559.5	618.4	662.0	686.0	700.2	711.6	720.0	726.1	731.4	736.0
105°	492.4	545.1	598.7	644.8	674.9	689.3	700.7	709.3	715.8	720.7	724.6
107.5°	474.9	526.2	578.2	625.0	658.0	676.7	686.3	695.0	702.7	706.9	711.8
110°	453.1	502.8	553.0	601.6	637.3	657.0	669.4	677.8	685.4	690.6	695.4



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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°	427.8	474.5	523.1	568.8	606.1	631.9	648.5	657.5	663.8	670.3	674.3
115°	400.9	444.0	490.4	534.6	571.9	601.0	621.2	636.1	643.8	649.1	652.9
117.5°	371.8	413.2	456.7	500.0	537.6	569.7	591.9	608.0	617.8	625.1	629.8
120°	345.7	378.0	418.9	460.0	499.7	533.9	561.7	579.6	587.8	594.7	600.1
122.5°	317.9	346.1	376.2	414.1	455.5	488.7	520.8	537.9	549.0	557.4	562.7
125°	289.5	313.8	339.3	367.2	397.2	432.1	461.9	483.0	498.4	509.4	516.0
127.5°	259.5	281.2	303.3	325.4	349.2	372.7	393.5	416.5	435.6	450.5	461.2
130°	229.9	248.5	267.7	285.8	305.2	323.6	340.6	357.1	371.1	382.4	390.8
132.5°	201.1	217.2	233.3	249.1	265.7	280.4	294.5	307.6	318.5	327.2	333.7
135°	175.3	188.2	200.2	215.5	230.3	244.9	255.6	266.0	274.6	281.3	286.3
137.5°	151.7	161.9	173.7	186.3	198.0	209.0	220.0	229.5	237.5	244.0	249.0
140°	129.8	139.7	150.5	160.8	170.2	179.5	188.4	196.2	203.0	208.8	213.3
142.5°	112.2	119.8	128.9	137.5	145.8	153.8	161.0	167.3	172.7	177.3	181.0
145°	98.0	104.0	110.2	116.1	121.9	128.7	135.0	140.7	145.7	150.1	153.6
147.5°	87.1	91.4	95.6	99.6	104.0	108.5	112.5	116.1	119.2	121.9	124.0
150°	78.6	81.4	84.1	86.6	89.9	92.9	95.7	98.2	100.3	102.2	103.6
152.5°	72.2	73.6	75.1	76.9	79.0	80.9	82.6	84.1	85.5	86.6	87.5
155°	66.3	67.4	68.5	69.7	70.7	71.7	72.7	73.5	74.2	74.7	75.1
157.5°	59.9	60.9	61.8	62.6	63.3	64.0	64.6	65.1	65.5	65.7	66.2
160°	52.4	52.9	53.6	54.2	54.8	55.3	55.8	56.1	56.4	56.5	56.8
162.5°	45.8	46.1	46.3	46.4	46.5	46.4	46.3	46.1	45.9	45.5	45.2
165°	39.3	39.5	39.7	39.7	39.7	39.6	39.4	39.1	38.7	38.2	37.8
167.5°	33.3	33.5	33.7	33.7	33.7	33.7	33.6	33.4	33.1	32.8	32.6
170°	26.9	27.2	27.4	27.6	27.8	27.8	27.9	27.8	27.7	27.8	27.5
172.5°	20.7	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.0	21.0	20.7
175°	14.5	14.8	15.0	15.2	15.3	15.5	15.6	15.6	15.9	15.8	15.7
177.5°	6.5	6.6	6.6	6.7	6.7	6.7	6.9	6.9	6.8	6.7	6.6
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: P231878

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	6.6	6.5
5°	15.5	15.4
7.5°	20.5	20.3
10°	27.1	26.8
12.5°	32.1	31.6
15°	37.2	36.5
17.5°	44.5	43.8
20°	56.4	55.9
22.5°	66.0	65.7
25°	75.4	75.4
27.5°	88.2	88.4
30°	104.9	105.4
32.5°	125.8	126.5
35°	156.8	158.1
37.5°	184.2	185.6
40°	217.3	218.9
42.5°	253.2	254.5
45°	290.3	291.0
47.5°	339.0	339.7
50°	397.8	398.8
52.5°	469.8	470.2
55°	520.3	518.0
57.5°	566.6	564.2
60°	604.7	603.9
62.5°	631.9	631.5
65°	654.9	655.0
67.5°	675.6	674.5
70°	699.0	700.4
72.5°	714.5	715.0
75°	728.3	730.4
77.5°	739.8	740.9
80°	748.8	749.9
82.5°	757.1	760.4
85°	762.1	762.8
87.5°	767.5	763.6
90°	762.8	770.1
92.5°	767.5	763.6
95°	762.1	762.8
97.5°	757.1	760.4
100°	748.8	749.9
102.5°	739.8	740.9
105°	728.3	730.4
107.5°	714.5	715.0
110°	699.0	700.4



TEST NUMBER: P231878

CATALOG NUMBER: FVS4WM-2-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	675.6	674.5
115°	654.9	655.0
117.5°	631.9	631.5
120°	604.7	603.9
122.5°	566.6	564.2
125°	520.3	518.0
127.5°	469.8	470.2
130°	397.8	398.8
132.5°	339.0	339.7
135°	290.3	291.0
137.5°	253.2	254.5
140°	217.3	218.9
142.5°	184.2	185.6
145°	156.8	158.1
147.5°	125.8	126.5
150°	104.9	105.4
152.5°	88.2	88.4
155°	75.4	75.4
157.5°	66.0	65.7
160°	56.4	55.9
162.5°	44.5	43.8
165°	37.2	36.5
167.5°	32.1	31.6
170°	27.1	26.8
172.5°	20.5	20.3
175°	15.5	15.4
177.5°	6.6	6.5
180°	0.0	0.0

(END OF REPORT)