

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: P232038

Luminaire Tested: **FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232038
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-24)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

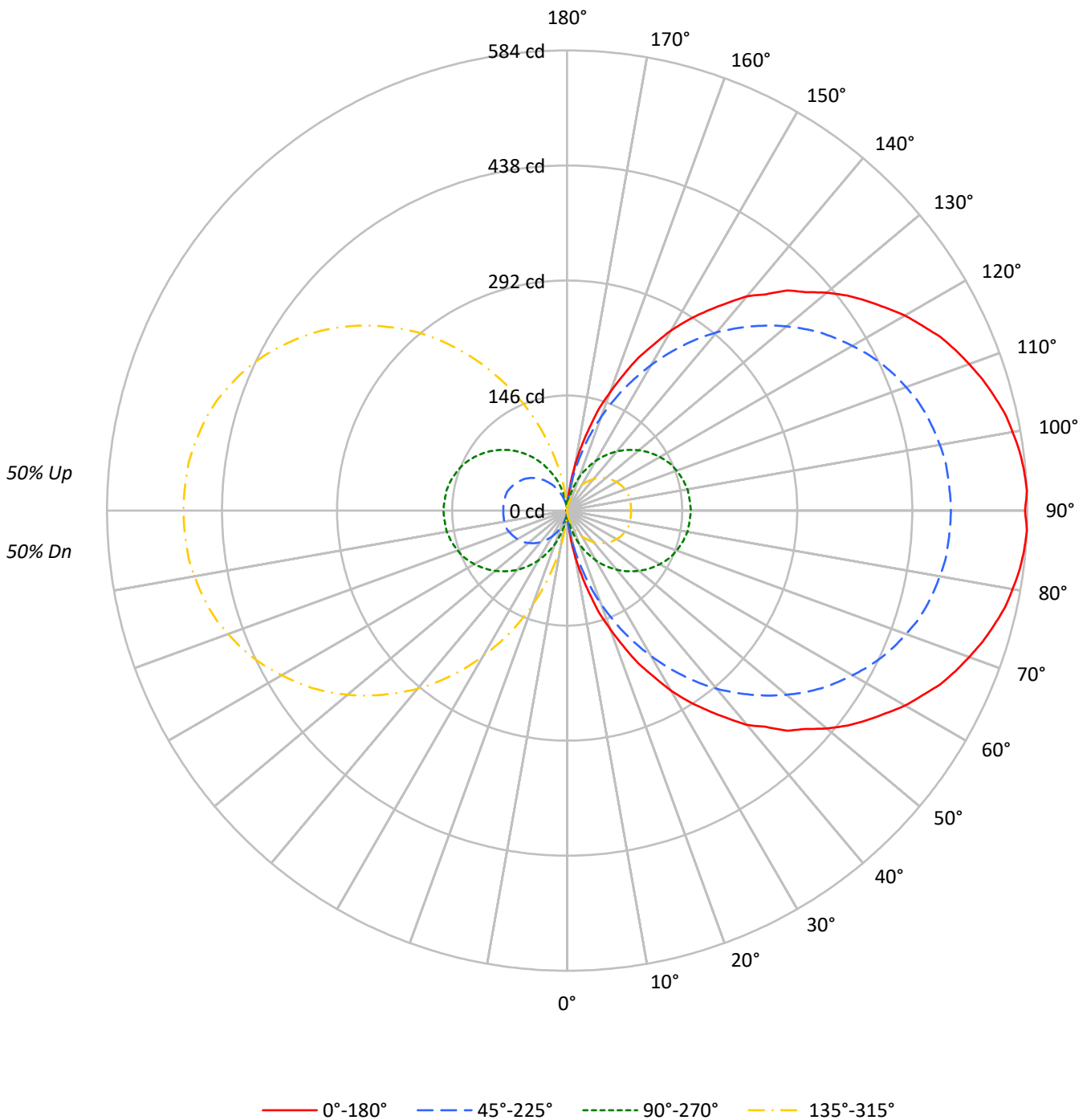
Lumens per Lamp: N/A
Luminaire Lumens: 2491.1 lumens
Efficiency: N/A
Efficacy: 68.6 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 36.3
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

TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	74	84	78	72	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	43	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	30	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	310	98	0	98
10°	927	333	0	333
15°	1521	594	0	594
20°	2086	907	0	907
25°	2615	1220	0	1220
30°	3059	1562	0	1562
35°	3427	1922	0	1922
40°	3804	2310	0	2310
45°	4124	2740	0	2740
50°	4410	3231	0	3231
55°	4711	3809	0	3809
60°	5014	4516	0	4516
65°	5316	5416	0	5416
70°	5602	6580	10	6580
75°	5910	8257	11	8257
80°	6226	10928	0	10928
85°	6556	15836	0	15836



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.1
10°-20°	13.8	0.6
20°-30°	43.3	1.7
30°-40°	86.4	3.5
40°-50°	136.6	5.5
50°-60°	187.2	7.5
60°-70°	231.9	9.3
70°-80°	264.5	10.6
80°-90°	280.5	11.3
90°-100°	280.5	11.3
100°-110°	264.5	10.6
110°-120°	231.9	9.3
120°-130°	187.2	7.5
130°-140°	136.6	5.5
140°-150°	86.4	3.5
150°-160°	43.3	1.7
160°-170°	13.8	0.6
170°-180°	1.3	0.1
0°-30°	58.5	2.3
0°-40°	144.9	5.8
0°-60°	468.7	18.8
0°-90°	1245.6	50.0
90°-120°	776.9	31.2
90°-150°	1187.0	47.7
90°-180°	1246.0	50.0
0°-180°	2491.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	18	5	0	5	18	3
15°	108	30	0	30	108	33
25°	214	59	0	59	214	100
35°	309	86	0	86	309	195
45°	395	109	0	109	395	305
55°	464	128	0	128	464	416
65°	522	143	0	143	522	517
75°	561	152	1	152	561	593
85°	582	156	0	156	582	474
90°	581	157	0	157	581	319
95°	582	156	0	156	582	474
105°	561	152	1	152	561	593
115°	522	143	0	143	522	517
125°	464	128	0	128	464	416
135°	395	109	0	109	395	305
145°	309	86	0	86	309	195
155°	214	59	0	59	214	100
165°	108	30	0	30	108	33
175°	18	5	0	5	18	3
180°	0	0	0	0	0	



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

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°	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.5	6.5	6.5	6.5
5°	18.0	18.3	18.6	18.9	19.2	18.9	19.0	18.9	18.9	18.7	18.6
7.5°	37.0	37.4	37.8	38.2	37.7	37.6	37.4	37.1	36.7	36.2	35.6
10°	60.0	60.5	61.1	61.6	60.7	60.4	60.0	59.3	58.5	57.6	56.4
12.5°	83.0	83.7	84.3	84.0	83.9	83.5	83.0	82.2	81.2	79.9	78.9
15°	108.0	108.9	109.9	109.5	109.3	108.9	108.2	107.1	105.9	104.7	103.2
17.5°	137.0	137.3	137.6	136.3	135.4	134.3	132.9	131.9	130.9	129.6	127.8
20°	160.0	160.9	161.8	161.0	160.4	159.4	158.5	157.7	156.6	155.0	153.0
22.5°	186.0	187.0	188.1	187.0	186.4	185.4	184.9	184.0	182.7	180.9	178.8
25°	214.0	214.7	214.3	213.7	212.5	211.8	211.1	209.9	208.2	206.1	204.0
27.5°	237.0	238.3	238.5	238.4	237.7	237.3	236.4	234.9	232.9	231.2	228.7
30°	264.1	264.7	264.0	263.1	262.4	262.0	260.9	259.2	257.4	255.0	252.3
32.5°	287.1	287.7	287.1	286.1	286.1	285.7	284.7	283.6	282.1	279.9	276.5
35°	309.1	309.8	309.2	308.5	309.1	309.0	308.2	307.2	305.7	303.5	300.4
37.5°	331.1	331.9	331.2	331.0	331.5	331.4	331.0	329.7	327.7	325.3	322.3
40°	355.1	355.1	353.5	353.1	353.0	352.6	352.5	351.8	349.9	347.0	343.5
42.5°	372.1	373.0	372.4	373.2	373.5	373.3	372.8	371.8	370.3	367.8	364.5
45°	395.1	394.1	391.5	392.8	393.3	393.4	392.7	392.6	390.3	387.9	384.8
47.5°	410.1	410.6	409.9	411.1	411.9	412.4	412.3	411.5	409.7	407.1	403.5
50°	430.1	430.7	429.8	429.9	430.2	430.5	430.5	429.8	428.4	426.5	422.7
52.5°	448.1	448.1	447.4	447.5	448.0	448.3	448.8	447.8	445.9	443.2	440.0
55°	464.1	464.1	463.1	463.0	464.8	465.3	465.4	464.9	463.0	460.2	456.0
57.5°	479.1	479.1	479.1	479.8	480.9	481.8	481.9	481.4	479.6	476.3	472.8
60°	495.1	494.2	493.5	494.5	495.7	497.0	497.1	496.5	494.7	491.2	487.0
62.5°	508.1	507.5	506.8	507.8	509.4	511.2	511.5	510.4	508.5	504.9	499.7
65°	522.1	520.6	520.2	521.4	522.7	524.8	524.4	523.6	521.3	517.4	512.8
67.5°	533.1	531.7	532.0	533.5	535.2	536.8	536.3	535.1	532.5	528.4	523.8
70°	543.1	541.5	542.1	543.7	546.2	547.7	547.0	544.9	541.9	538.1	533.6
72.5°	553.1	551.4	551.2	553.1	555.2	556.7	555.6	554.1	550.9	546.8	542.0
75°	561.1	558.7	560.0	562.0	564.3	564.0	562.9	561.1	558.7	554.3	549.2
77.5°	569.1	565.7	567.5	570.0	570.8	570.6	568.8	567.2	564.6	560.4	555.6
80°	574.1	571.3	573.8	575.4	575.7	574.8	573.7	572.9	569.6	565.4	560.7
82.5°	579.1	576.1	579.0	578.6	578.7	578.8	577.4	575.6	572.8	569.1	564.2
85°	582.1	580.5	580.3	580.5	580.8	580.6	579.5	578.0	575.4	571.9	566.0
87.5°	584.1	581.7	580.3	580.3	580.9	581.0	579.9	577.6	575.4	572.1	566.8
90°	581.1	576.1	576.1	578.1	579.1	579.1	579.1	577.1	575.1	572.1	566.1
92.5°	584.1	581.7	580.3	580.3	580.9	581.0	579.9	577.6	575.4	572.1	566.8
95°	582.1	580.5	580.3	580.5	580.8	580.6	579.5	578.0	575.4	571.9	566.0
97.5°	579.1	576.1	579.0	578.6	578.7	578.8	577.4	575.6	572.8	569.1	564.2
100°	574.1	571.3	573.8	575.4	575.7	574.8	573.7	572.9	569.6	565.4	560.7
102.5°	569.1	565.7	567.5	570.0	570.8	570.6	568.8	567.2	564.6	560.4	555.6
105°	561.1	558.7	560.0	562.0	564.3	564.0	562.9	561.1	558.7	554.3	549.2
107.5°	553.1	551.4	551.2	553.1	555.2	556.7	555.6	554.1	550.9	546.8	542.0
110°	543.1	541.5	542.1	543.7	546.2	547.7	547.0	544.9	541.9	538.1	533.6



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	533.1	531.7	532.0	533.5	535.2	536.8	536.3	535.1	532.5	528.4	523.8
115°	522.1	520.6	520.2	521.4	522.7	524.8	524.4	523.6	521.3	517.4	512.8
117.5°	508.1	507.5	506.8	507.8	509.4	511.2	511.5	510.4	508.5	504.9	499.7
120°	495.1	494.2	493.5	494.5	495.7	497.0	497.1	496.5	494.7	491.2	487.0
122.5°	479.1	479.1	479.1	479.8	480.9	481.8	481.9	481.4	479.6	476.3	472.8
125°	464.1	464.1	463.1	463.0	464.8	465.3	465.4	464.9	463.0	460.2	456.0
127.5°	448.1	448.1	447.4	447.5	448.0	448.3	448.8	447.8	445.9	443.2	440.0
130°	430.1	430.7	429.8	429.9	430.2	430.5	430.5	429.8	428.4	426.5	422.7
132.5°	410.1	410.6	409.9	411.1	411.9	412.4	412.3	411.5	409.7	407.1	403.5
135°	395.1	394.1	391.5	392.8	393.3	393.4	392.7	392.6	390.3	387.9	384.8
137.5°	372.1	373.0	372.4	373.2	373.5	373.3	372.8	371.8	370.3	367.8	364.5
140°	355.1	355.1	353.5	353.1	353.0	352.6	352.5	351.8	349.9	347.0	343.5
142.5°	331.1	331.9	331.2	331.0	331.5	331.4	331.0	329.7	327.7	325.3	322.3
145°	309.1	309.8	309.2	308.5	309.1	309.0	308.2	307.2	305.7	303.5	300.4
147.5°	287.1	287.7	287.1	286.1	286.1	285.7	284.7	283.6	282.1	279.9	276.5
150°	264.1	264.7	264.0	263.1	262.4	262.0	260.9	259.2	257.4	255.0	252.3
152.5°	237.0	238.3	238.5	238.4	237.7	237.3	236.4	234.9	232.9	231.2	228.7
155°	214.0	214.7	214.3	213.7	212.5	211.8	211.1	209.9	208.2	206.1	204.0
157.5°	186.0	187.0	188.1	187.0	186.4	185.4	184.9	184.0	182.7	180.9	178.8
160°	160.0	160.9	161.8	161.0	160.4	159.4	158.5	157.7	156.6	155.0	153.0
162.5°	137.0	137.3	137.6	136.3	135.4	134.3	132.9	131.9	130.9	129.6	127.8
165°	108.0	108.9	109.9	109.5	109.3	108.9	108.2	107.1	105.9	104.7	103.2
167.5°	83.0	83.7	84.3	84.0	83.9	83.5	83.0	82.2	81.2	79.9	78.9
170°	60.0	60.5	61.1	61.6	60.7	60.4	60.0	59.3	58.5	57.6	56.4
172.5°	37.0	37.4	37.8	38.2	37.7	37.6	37.4	37.1	36.7	36.2	35.6
175°	18.0	18.3	18.6	18.9	19.2	18.9	19.0	18.9	18.9	18.7	18.6
177.5°	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.5	6.5	6.5	6.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.0	5.9	5.8	5.6
5°	18.3	18.0	17.7	17.3	16.8	16.3	15.7	15.1	14.4	13.7	12.9
7.5°	34.9	34.2	33.3	32.3	31.2	30.1	28.8	27.8	26.6	25.6	24.7
10°	55.1	53.6	52.4	51.0	49.5	47.8	46.2	44.8	43.1	41.4	39.5
12.5°	77.7	76.2	74.5	72.5	70.4	68.3	66.0	63.6	61.0	58.3	55.5
15°	101.6	99.7	97.7	95.4	92.8	89.8	86.7	83.5	80.2	77.1	73.9
17.5°	125.7	123.1	120.4	117.9	115.2	112.2	108.8	105.1	101.2	97.2	93.1
20°	150.7	148.0	145.2	142.0	138.6	134.8	130.8	126.5	121.6	116.7	111.9
22.5°	176.5	173.7	170.4	166.7	162.6	158.2	153.5	148.4	143.2	137.5	131.8
25°	201.4	198.4	195.1	191.4	186.7	181.5	176.0	170.3	164.2	157.7	151.9
27.5°	225.7	222.3	218.6	214.5	209.6	204.0	198.6	191.5	185.3	178.6	171.3
30°	249.1	245.8	242.4	237.3	232.4	227.1	220.3	213.3	206.1	198.8	191.0
32.5°	273.3	269.7	265.5	260.2	254.4	248.4	241.8	234.5	226.8	218.6	209.9
35°	296.7	292.6	288.2	283.2	277.3	270.3	263.0	255.3	247.3	238.5	228.9
37.5°	318.6	314.5	309.7	305.1	298.2	291.7	284.0	275.8	267.2	258.0	247.7
40°	340.1	336.2	331.2	325.3	318.6	311.2	303.7	295.2	285.6	275.8	265.6
42.5°	360.7	357.0	352.2	345.9	340.1	330.9	321.9	312.9	303.1	292.6	281.8
45°	380.4	375.6	370.6	364.8	357.6	349.9	340.6	330.6	320.3	309.7	297.6
47.5°	400.0	395.5	389.5	382.8	375.1	366.4	357.9	347.6	336.7	326.2	313.7
50°	418.6	413.8	407.6	400.7	393.6	383.5	373.9	363.7	352.2	340.3	328.0
52.5°	436.1	430.8	424.5	416.8	408.4	400.0	389.5	378.9	368.0	354.6	341.5
55°	451.8	447.0	440.0	432.5	423.5	414.0	403.9	393.3	381.1	368.2	355.5
57.5°	467.3	461.0	454.4	446.6	437.8	428.1	417.3	405.9	393.9	380.9	367.0
60°	482.2	475.3	467.7	460.0	450.9	441.0	430.1	418.1	405.6	392.4	378.2
62.5°	494.0	488.6	480.6	471.7	462.8	453.1	442.0	429.9	416.9	403.1	388.5
65°	506.4	499.6	492.3	482.8	473.6	463.8	452.8	440.7	427.1	412.5	397.7
67.5°	517.7	510.5	502.6	493.6	483.7	473.1	462.1	449.8	436.3	421.6	405.8
70°	527.5	520.5	512.8	502.9	492.3	481.4	470.2	457.8	444.2	430.1	413.6
72.5°	535.7	529.0	520.8	511.1	500.7	489.8	478.2	465.9	451.3	437.6	421.2
75°	543.3	536.3	528.1	518.1	508.0	497.1	484.5	471.8	457.8	443.5	427.1
77.5°	549.7	542.3	533.8	524.7	514.1	502.6	489.8	476.3	462.5	447.6	431.0
80°	554.5	547.0	538.5	529.1	518.4	506.3	493.3	480.3	466.1	451.2	434.8
82.5°	558.3	551.1	542.3	532.3	521.1	509.0	496.3	484.0	469.2	453.7	438.4
85°	559.9	552.9	544.6	534.4	522.8	511.2	498.4	485.3	470.9	455.7	440.6
87.5°	560.8	554.1	545.1	535.2	524.1	513.1	500.1	486.4	471.8	457.1	441.7
90°	560.1	554.1	545.1	536.1	524.1	513.1	500.1	487.1	471.1	457.1	441.1
92.5°	560.8	554.1	545.1	535.2	524.1	513.1	500.1	486.4	471.8	457.1	441.7
95°	559.9	552.9	544.6	534.4	522.8	511.2	498.4	485.3	470.9	455.7	440.6
97.5°	558.3	551.1	542.3	532.3	521.1	509.0	496.3	484.0	469.2	453.7	438.4
100°	554.5	547.0	538.5	529.1	518.4	506.3	493.3	480.3	466.1	451.2	434.8
102.5°	549.7	542.3	533.8	524.7	514.1	502.6	489.8	476.3	462.5	447.6	431.0
105°	543.3	536.3	528.1	518.1	508.0	497.1	484.5	471.8	457.8	443.5	427.1
107.5°	535.7	529.0	520.8	511.1	500.7	489.8	478.2	465.9	451.3	437.6	421.2
110°	527.5	520.5	512.8	502.9	492.3	481.4	470.2	457.8	444.2	430.1	413.6



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	517.7	510.5	502.6	493.6	483.7	473.1	462.1	449.8	436.3	421.6	405.8
115°	506.4	499.6	492.3	482.8	473.6	463.8	452.8	440.7	427.1	412.5	397.7
117.5°	494.0	488.6	480.6	471.7	462.8	453.1	442.0	429.9	416.9	403.1	388.5
120°	482.2	475.3	467.7	460.0	450.9	441.0	430.1	418.1	405.6	392.4	378.2
122.5°	467.3	461.0	454.4	446.6	437.8	428.1	417.3	405.9	393.9	380.9	367.0
125°	451.8	447.0	440.0	432.5	423.5	414.0	403.9	393.3	381.1	368.2	355.5
127.5°	436.1	430.8	424.5	416.8	408.4	400.0	389.5	378.9	368.0	354.6	341.5
130°	418.6	413.8	407.6	400.7	393.6	383.5	373.9	363.7	352.2	340.3	328.0
132.5°	400.0	395.5	389.5	382.8	375.1	366.4	357.9	347.6	336.7	326.2	313.7
135°	380.4	375.6	370.6	364.8	357.6	349.9	340.6	330.6	320.3	309.7	297.6
137.5°	360.7	357.0	352.2	345.9	340.1	330.9	321.9	312.9	303.1	292.6	281.8
140°	340.1	336.2	331.2	325.3	318.6	311.2	303.7	295.2	285.6	275.8	265.6
142.5°	318.6	314.5	309.7	305.1	298.2	291.7	284.0	275.8	267.2	258.0	247.7
145°	296.7	292.6	288.2	283.2	277.3	270.3	263.0	255.3	247.3	238.5	228.9
147.5°	273.3	269.7	265.5	260.2	254.4	248.4	241.8	234.5	226.8	218.6	209.9
150°	249.1	245.8	242.4	237.3	232.4	227.1	220.3	213.3	206.1	198.8	191.0
152.5°	225.7	222.3	218.6	214.5	209.6	204.0	198.6	191.5	185.3	178.6	171.3
155°	201.4	198.4	195.1	191.4	186.7	181.5	176.0	170.3	164.2	157.7	151.9
157.5°	176.5	173.7	170.4	166.7	162.6	158.2	153.5	148.4	143.2	137.5	131.8
160°	150.7	148.0	145.2	142.0	138.6	134.8	130.8	126.5	121.6	116.7	111.9
162.5°	125.7	123.1	120.4	117.9	115.2	112.2	108.8	105.1	101.2	97.2	93.1
165°	101.6	99.7	97.7	95.4	92.8	89.8	86.7	83.5	80.2	77.1	73.9
167.5°	77.7	76.2	74.5	72.5	70.4	68.3	66.0	63.6	61.0	58.3	55.5
170°	55.1	53.6	52.4	51.0	49.5	47.8	46.2	44.8	43.1	41.4	39.5
172.5°	34.9	34.2	33.3	32.3	31.2	30.1	28.8	27.8	26.6	25.6	24.7
175°	18.3	18.0	17.7	17.3	16.8	16.3	15.7	15.1	14.4	13.7	12.9
177.5°	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.0	5.9	5.8	5.6
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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5
5°	12.1	11.2	10.3	10.0	9.6	9.2	8.8	8.4	7.9	7.5	7.0
7.5°	23.7	22.6	21.4	20.2	18.9	17.6	16.2	15.6	15.0	14.5	13.8
10°	37.4	35.3	33.1	31.4	29.8	28.1	26.3	24.5	22.6	21.6	20.8
12.5°	53.0	50.3	47.6	44.7	41.7	39.1	36.9	34.6	32.2	29.7	28.2
15°	70.3	66.5	63.0	59.1	55.6	51.9	48.1	45.2	42.2	39.1	35.9
17.5°	89.4	84.2	79.3	74.2	69.4	65.1	60.6	55.9	52.2	48.8	45.3
20°	106.9	101.4	95.7	90.2	84.6	78.9	73.5	67.9	62.0	58.2	54.5
22.5°	125.9	119.5	112.6	105.3	99.3	93.3	87.0	80.6	74.2	68.2	64.1
25°	144.6	137.7	130.3	122.7	115.0	107.9	100.7	93.4	86.4	79.2	73.8
27.5°	163.8	155.9	147.5	138.8	130.7	122.4	114.0	105.5	97.4	89.8	82.9
30°	182.7	173.9	164.7	155.4	146.1	136.6	126.7	117.2	108.0	99.7	91.9
32.5°	200.5	190.9	180.9	171.1	161.5	151.1	140.0	129.2	118.5	109.2	100.5
35°	218.7	208.0	197.4	186.3	175.5	164.6	153.0	141.7	129.7	118.7	109.1
37.5°	236.5	225.3	214.2	202.2	190.5	177.7	165.3	152.9	140.6	128.4	118.1
40°	254.2	241.7	229.6	217.0	203.4	190.1	177.0	164.0	151.1	138.4	127.0
42.5°	270.5	257.6	244.1	230.7	216.7	202.6	188.6	174.8	160.7	147.3	134.6
45°	285.3	272.7	258.7	244.5	230.1	214.9	200.1	185.6	170.2	155.6	141.9
47.5°	299.8	286.7	272.7	259.0	243.3	227.3	210.7	195.8	179.5	163.8	149.1
50°	314.2	300.2	285.7	270.2	254.3	237.9	220.1	204.5	188.4	171.8	156.3
52.5°	328.0	313.0	297.5	281.4	264.9	248.1	229.8	213.1	196.7	179.0	163.2
55°	341.3	325.8	309.4	292.7	275.6	257.8	239.3	221.5	204.8	186.0	169.7
57.5°	352.5	337.4	321.7	303.7	286.0	267.4	248.3	229.6	212.2	192.9	175.7
60°	363.1	347.8	331.3	313.3	294.8	276.1	256.4	237.7	218.9	199.5	181.6
62.5°	372.8	357.2	340.5	322.1	303.0	284.3	263.8	244.6	225.0	205.2	186.6
65°	382.0	365.6	348.7	330.0	310.1	291.5	270.8	250.4	230.5	210.4	191.4
67.5°	389.8	373.1	355.7	337.2	317.0	297.8	277.1	255.8	235.2	215.0	195.7
70°	397.0	379.9	362.1	343.6	323.9	303.5	282.5	260.8	239.4	219.2	199.8
72.5°	404.1	386.3	367.9	349.3	329.8	308.8	287.1	265.5	243.7	222.9	202.3
75°	409.8	391.9	373.1	353.7	334.0	313.2	290.7	269.8	247.9	226.5	204.4
77.5°	414.2	396.6	377.7	357.5	337.3	317.0	294.3	273.2	250.3	229.0	206.6
80°	417.2	399.0	380.7	360.7	339.7	319.7	297.8	276.1	252.0	231.1	208.7
82.5°	419.7	401.3	383.4	363.5	342.3	322.0	299.2	278.0	254.2	232.5	211.4
85°	421.8	403.7	385.8	365.9	344.9	324.9	300.2	280.1	256.9	234.0	213.0
87.5°	423.1	404.7	386.3	367.1	345.7	324.2	300.6	280.6	256.5	234.0	212.0
90°	423.1	404.1	385.1	367.1	345.1	323.1	301.1	281.1	256.0	234.0	211.0
92.5°	423.1	404.7	386.3	367.1	345.7	324.2	300.6	280.6	256.5	234.0	212.0
95°	421.8	403.7	385.8	365.9	344.9	324.9	300.2	280.1	256.9	234.0	213.0
97.5°	419.7	401.3	383.4	363.5	342.3	322.0	299.2	278.0	254.2	232.5	211.4
100°	417.2	399.0	380.7	360.7	339.7	319.7	297.8	276.1	252.0	231.1	208.7
102.5°	414.2	396.6	377.7	357.5	337.3	317.0	294.3	273.2	250.3	229.0	206.6
105°	409.8	391.9	373.1	353.7	334.0	313.2	290.7	269.8	247.9	226.5	204.4
107.5°	404.1	386.3	367.9	349.3	329.8	308.8	287.1	265.5	243.7	222.9	202.3
110°	397.0	379.9	362.1	343.6	323.9	303.5	282.5	260.8	239.4	219.2	199.8



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	389.8	373.1	355.7	337.2	317.0	297.8	277.1	255.8	235.2	215.0	195.7
115°	382.0	365.6	348.7	330.0	310.1	291.5	270.8	250.4	230.5	210.4	191.4
117.5°	372.8	357.2	340.5	322.1	303.0	284.3	263.8	244.6	225.0	205.2	186.6
120°	363.1	347.8	331.3	313.3	294.8	276.1	256.4	237.7	218.9	199.5	181.6
122.5°	352.5	337.4	321.7	303.7	286.0	267.4	248.3	229.6	212.2	192.9	175.7
125°	341.3	325.8	309.4	292.7	275.6	257.8	239.3	221.5	204.8	186.0	169.7
127.5°	328.0	313.0	297.5	281.4	264.9	248.1	229.8	213.1	196.7	179.0	163.2
130°	314.2	300.2	285.7	270.2	254.3	237.9	220.1	204.5	188.4	171.8	156.3
132.5°	299.8	286.7	272.7	259.0	243.3	227.3	210.7	195.8	179.5	163.8	149.1
135°	285.3	272.7	258.7	244.5	230.1	214.9	200.1	185.6	170.2	155.6	141.9
137.5°	270.5	257.6	244.1	230.7	216.7	202.6	188.6	174.8	160.7	147.3	134.6
140°	254.2	241.7	229.6	217.0	203.4	190.1	177.0	164.0	151.1	138.4	127.0
142.5°	236.5	225.3	214.2	202.2	190.5	177.7	165.3	152.9	140.6	128.4	118.1
145°	218.7	208.0	197.4	186.3	175.5	164.6	153.0	141.7	129.7	118.7	109.1
147.5°	200.5	190.9	180.9	171.1	161.5	151.1	140.0	129.2	118.5	109.2	100.5
150°	182.7	173.9	164.7	155.4	146.1	136.6	126.7	117.2	108.0	99.7	91.9
152.5°	163.8	155.9	147.5	138.8	130.7	122.4	114.0	105.5	97.4	89.8	82.9
155°	144.6	137.7	130.3	122.7	115.0	107.9	100.7	93.4	86.4	79.2	73.8
157.5°	125.9	119.5	112.6	105.3	99.3	93.3	87.0	80.6	74.2	68.2	64.1
160°	106.9	101.4	95.7	90.2	84.6	78.9	73.5	67.9	62.0	58.2	54.5
162.5°	89.4	84.2	79.3	74.2	69.4	65.1	60.6	55.9	52.2	48.8	45.3
165°	70.3	66.5	63.0	59.1	55.6	51.9	48.1	45.2	42.2	39.1	35.9
167.5°	53.0	50.3	47.6	44.7	41.7	39.1	36.9	34.6	32.2	29.7	28.2
170°	37.4	35.3	33.1	31.4	29.8	28.1	26.3	24.5	22.6	21.6	20.8
172.5°	23.7	22.6	21.4	20.2	18.9	17.6	16.2	15.6	15.0	14.5	13.8
175°	12.1	11.2	10.3	10.0	9.6	9.2	8.8	8.4	7.9	7.5	7.0
177.5°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5
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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.3	3.0	2.8	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
5°	6.5	6.0	5.5	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
7.5°	13.2	12.5	11.8	11.0	10.9	10.7	10.5	10.2	10.0	9.7	9.4
10°	19.9	19.0	18.0	17.0	16.6	16.2	15.8	15.3	14.8	14.3	13.9
12.5°	27.1	26.0	24.8	23.5	23.1	22.7	22.2	21.7	21.1	20.6	19.9
15°	34.3	33.0	31.5	30.0	29.7	29.3	28.9	28.4	27.8	27.1	26.4
17.5°	42.5	40.9	39.3	37.5	37.0	36.4	35.8	35.1	34.4	33.6	32.8
20°	50.8	48.9	47.0	45.0	44.3	43.4	42.6	41.9	41.1	40.2	38.9
22.5°	59.8	56.7	54.4	52.0	51.2	50.3	49.4	48.6	47.8	46.5	45.1
25°	68.9	64.7	61.9	59.0	58.1	57.1	56.2	55.4	54.3	52.9	51.3
27.5°	77.4	72.2	69.2	66.0	65.0	63.9	62.9	61.8	60.6	59.2	57.5
30°	85.9	79.7	76.4	73.0	71.9	70.7	69.4	68.0	66.9	65.6	63.8
32.5°	93.4	86.7	82.9	79.5	78.4	77.1	75.7	74.3	73.0	71.5	69.6
35°	100.8	93.7	89.4	86.0	84.8	83.4	82.0	80.4	78.7	76.9	75.0
37.5°	108.6	101.0	95.9	92.0	90.7	89.3	87.8	86.1	84.4	82.5	80.4
40°	116.4	108.4	102.4	98.0	96.7	95.2	93.6	91.8	90.0	88.0	85.9
42.5°	122.9	114.6	108.2	103.5	102.1	100.6	99.0	97.1	95.3	93.3	91.0
45°	129.6	120.7	113.9	109.0	107.5	105.9	104.2	102.4	100.4	98.2	95.5
47.5°	136.6	126.7	119.1	114.0	112.5	110.8	109.1	107.2	105.3	102.8	99.9
50°	143.5	132.7	124.3	119.0	117.4	115.7	113.9	112.0	110.0	107.3	104.3
52.5°	149.2	137.6	129.0	123.5	121.5	119.7	118.0	116.3	114.0	111.2	108.3
55°	154.8	142.5	133.7	128.0	125.5	123.6	122.2	120.5	117.7	114.8	111.8
57.5°	160.1	147.1	137.9	132.0	129.4	127.5	125.9	124.0	121.4	118.4	115.4
60°	165.4	151.6	142.0	136.0	133.4	131.4	129.5	127.5	125.1	122.1	119.1
62.5°	170.1	155.5	145.2	139.5	136.8	134.5	132.7	130.7	128.0	125.1	121.9
65°	174.7	159.4	148.4	143.0	140.3	137.5	136.0	133.7	130.8	127.8	124.4
67.5°	178.2	162.5	151.5	145.5	142.7	140.3	138.3	136.0	133.2	130.2	126.7
70°	181.6	165.5	154.6	148.0	145.2	143.2	140.4	138.2	135.5	132.5	128.8
72.5°	184.4	167.9	157.1	150.0	147.1	145.1	142.3	140.2	137.4	134.1	130.6
75°	187.1	170.2	160.0	152.0	149.1	147.1	144.2	142.1	139.2	135.5	132.2
77.5°	188.7	171.9	160.5	153.5	150.1	148.1	145.6	143.2	140.2	136.8	133.3
80°	190.2	174.0	161.0	155.0	151.1	149.0	147.0	144.1	141.1	138.1	134.2
82.5°	191.5	175.0	162.0	155.5	152.0	150.0	147.6	145.0	141.6	138.6	134.7
85°	192.0	176.0	163.0	156.0	153.0	151.0	148.0	146.0	142.1	139.0	135.1
87.5°	192.5	175.5	163.0	156.5	153.0	151.0	148.5	146.0	142.5	139.5	135.5
90°	193.0	175.0	163.0	157.0	153.0	151.0	149.0	146.0	143.0	140.0	136.0
92.5°	192.5	175.5	163.0	156.5	153.0	151.0	148.5	146.0	142.5	139.5	135.5
95°	192.0	176.0	163.0	156.0	153.0	151.0	148.0	146.0	142.1	139.0	135.1
97.5°	191.5	175.0	162.0	155.5	152.0	150.0	147.6	145.0	141.6	138.6	134.7
100°	190.2	174.0	161.0	155.0	151.1	149.0	147.0	144.1	141.1	138.1	134.2
102.5°	188.7	171.9	160.5	153.5	150.1	148.1	145.6	143.2	140.2	136.8	133.3
105°	187.1	170.2	160.0	152.0	149.1	147.1	144.2	142.1	139.2	135.5	132.2
107.5°	184.4	167.9	157.1	150.0	147.1	145.1	142.3	140.2	137.4	134.1	130.6
110°	181.6	165.5	154.6	148.0	145.2	143.2	140.4	138.2	135.5	132.5	128.8



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	178.2	162.5	151.5	145.5	142.7	140.3	138.3	136.0	133.2	130.2	126.7
115°	174.7	159.4	148.4	143.0	140.3	137.5	136.0	133.7	130.8	127.8	124.4
117.5°	170.1	155.5	145.2	139.5	136.8	134.5	132.7	130.7	128.0	125.1	121.9
120°	165.4	151.6	142.0	136.0	133.4	131.4	129.5	127.5	125.1	122.1	119.1
122.5°	160.1	147.1	137.9	132.0	129.4	127.5	125.9	124.0	121.4	118.4	115.4
125°	154.8	142.5	133.7	128.0	125.5	123.6	122.2	120.5	117.7	114.8	111.8
127.5°	149.2	137.6	129.0	123.5	121.5	119.7	118.0	116.3	114.0	111.2	108.3
130°	143.5	132.7	124.3	119.0	117.4	115.7	113.9	112.0	110.0	107.3	104.3
132.5°	136.6	126.7	119.1	114.0	112.5	110.8	109.1	107.2	105.3	102.8	99.9
135°	129.6	120.7	113.9	109.0	107.5	105.9	104.2	102.4	100.4	98.2	95.5
137.5°	122.9	114.6	108.2	103.5	102.1	100.6	99.0	97.1	95.3	93.3	91.0
140°	116.4	108.4	102.4	98.0	96.7	95.2	93.6	91.8	90.0	88.0	85.9
142.5°	108.6	101.0	95.9	92.0	90.7	89.3	87.8	86.1	84.4	82.5	80.4
145°	100.8	93.7	89.4	86.0	84.8	83.4	82.0	80.4	78.7	76.9	75.0
147.5°	93.4	86.7	82.9	79.5	78.4	77.1	75.7	74.3	73.0	71.5	69.6
150°	85.9	79.7	76.4	73.0	71.9	70.7	69.4	68.0	66.9	65.6	63.8
152.5°	77.4	72.2	69.2	66.0	65.0	63.9	62.9	61.8	60.6	59.2	57.5
155°	68.9	64.7	61.9	59.0	58.1	57.1	56.2	55.4	54.3	52.9	51.3
157.5°	59.8	56.7	54.4	52.0	51.2	50.3	49.4	48.6	47.8	46.5	45.1
160°	50.8	48.9	47.0	45.0	44.3	43.4	42.6	41.9	41.1	40.2	38.9
162.5°	42.5	40.9	39.3	37.5	37.0	36.4	35.8	35.1	34.4	33.6	32.8
165°	34.3	33.0	31.5	30.0	29.7	29.3	28.9	28.4	27.8	27.1	26.4
167.5°	27.1	26.0	24.8	23.5	23.1	22.7	22.2	21.7	21.1	20.6	19.9
170°	19.9	19.0	18.0	17.0	16.6	16.2	15.8	15.3	14.8	14.3	13.9
172.5°	13.2	12.5	11.8	11.0	10.9	10.7	10.5	10.2	10.0	9.7	9.4
175°	6.5	6.0	5.5	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
177.5°	3.3	3.0	2.8	2.5	2.5	2.5	2.5	2.5	2.4	2.4	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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
5°	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.8	3.6	3.4	3.2
7.5°	9.1	8.7	8.3	7.9	7.5	7.1	6.6	6.1	5.6	5.1	4.6
10°	13.5	13.0	12.5	11.9	11.4	10.9	10.4	9.9	9.4	8.8	8.2
12.5°	19.3	18.5	17.8	17.1	16.3	15.6	14.8	14.0	13.1	12.3	11.4
15°	25.6	24.7	23.8	22.9	22.0	20.8	19.6	18.3	17.1	15.8	14.5
17.5°	31.7	30.7	29.6	28.3	26.8	25.3	23.8	22.5	21.1	19.7	18.3
20°	37.6	36.3	35.0	33.6	32.1	30.4	28.8	27.1	25.4	23.7	22.1
22.5°	43.5	42.2	40.8	39.3	37.5	35.5	33.7	31.9	30.1	28.2	26.1
25°	49.7	48.1	46.4	44.7	42.8	40.8	38.8	36.8	34.5	32.2	29.9
27.5°	55.7	53.8	52.2	50.5	48.3	46.1	43.8	41.3	38.7	36.3	33.9
30°	61.9	59.9	58.0	55.8	53.5	51.0	48.5	45.8	43.1	40.5	37.7
32.5°	67.7	65.7	63.5	61.1	58.6	56.0	53.2	50.2	47.3	44.4	41.3
35°	73.0	70.8	68.5	66.1	63.5	60.7	57.6	54.4	51.4	48.3	45.1
37.5°	78.3	76.0	73.6	70.7	67.7	64.9	61.7	58.6	55.6	52.4	48.8
40°	83.6	80.9	78.2	75.2	72.3	69.4	65.9	62.6	59.5	55.9	52.1
42.5°	88.4	85.5	83.1	80.1	76.8	73.4	69.9	66.7	63.1	59.3	55.4
45°	92.6	89.9	87.5	84.3	80.9	77.5	73.9	70.3	66.5	62.6	58.5
47.5°	96.9	94.3	91.6	88.3	84.8	81.1	77.2	73.6	69.8	65.8	61.3
50°	101.3	98.4	95.3	91.9	88.4	84.4	80.5	76.7	72.5	68.3	63.9
52.5°	105.3	102.3	99.0	95.2	91.4	87.5	83.6	79.3	75.1	71.1	66.5
55°	108.8	105.6	102.3	98.2	94.7	90.7	86.3	81.9	78.0	73.5	68.8
57.5°	112.1	109.0	105.4	101.4	97.9	93.6	89.1	84.7	80.7	75.3	70.6
60°	115.2	112.0	108.2	104.3	100.5	96.4	92.1	87.0	82.3	77.3	72.5
62.5°	118.0	114.9	110.9	106.8	102.7	98.4	93.9	88.8	84.3	79.1	74.2
65°	120.7	117.4	113.3	109.1	104.9	100.5	95.7	90.9	86.1	80.8	75.8
67.5°	123.1	119.7	115.6	111.6	107.3	102.3	97.7	92.8	87.7	82.4	77.1
70°	125.3	121.8	117.5	113.0	108.7	103.8	99.6	94.5	89.3	83.9	78.5
72.5°	127.1	123.4	119.0	114.5	110.0	105.3	100.8	95.7	90.4	84.9	79.8
75°	128.5	124.6	120.4	115.8	111.2	106.6	101.8	96.7	91.2	85.5	80.2
77.5°	129.5	125.5	121.5	116.8	112.5	107.8	102.8	97.2	91.7	86.1	80.5
80°	130.3	126.3	122.2	117.4	113.2	108.4	102.9	97.5	92.3	86.5	81.0
82.5°	131.1	126.7	122.7	117.8	113.7	108.8	103.0	97.9	92.9	87.0	81.0
85°	132.0	127.1	123.1	118.1	114.0	109.1	103.1	98.1	93.1	87.1	81.1
87.5°	132.0	127.0	123.0	118.5	114.1	109.1	103.5	98.1	93.1	87.1	81.1
90°	132.0	127.0	123.0	119.0	114.0	109.0	104.0	98.0	93.0	87.0	81.0
92.5°	132.0	127.0	123.0	118.5	114.1	109.1	103.5	98.1	93.1	87.1	81.1
95°	132.0	127.1	123.1	118.1	114.0	109.1	103.1	98.1	93.1	87.1	81.1
97.5°	131.1	126.7	122.7	117.8	113.7	108.8	103.0	97.9	92.9	87.0	81.0
100°	130.3	126.3	122.2	117.4	113.2	108.4	102.9	97.5	92.3	86.5	81.0
102.5°	129.5	125.5	121.5	116.8	112.5	107.8	102.8	97.2	91.7	86.1	80.5
105°	128.5	124.6	120.4	115.8	111.2	106.6	101.8	96.7	91.2	85.5	80.2
107.5°	127.1	123.4	119.0	114.5	110.0	105.3	100.8	95.7	90.4	84.9	79.8
110°	125.3	121.8	117.5	113.0	108.7	103.8	99.6	94.5	89.3	83.9	78.5



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	123.1	119.7	115.6	111.6	107.3	102.3	97.7	92.8	87.7	82.4	77.1
115°	120.7	117.4	113.3	109.1	104.9	100.5	95.7	90.9	86.1	80.8	75.8
117.5°	118.0	114.9	110.9	106.8	102.7	98.4	93.9	88.8	84.3	79.1	74.2
120°	115.2	112.0	108.2	104.3	100.5	96.4	92.1	87.0	82.3	77.3	72.5
122.5°	112.1	109.0	105.4	101.4	97.9	93.6	89.1	84.7	80.7	75.3	70.6
125°	108.8	105.6	102.3	98.2	94.7	90.7	86.3	81.9	78.0	73.5	68.8
127.5°	105.3	102.3	99.0	95.2	91.4	87.5	83.6	79.3	75.1	71.1	66.5
130°	101.3	98.4	95.3	91.9	88.4	84.4	80.5	76.7	72.5	68.3	63.9
132.5°	96.9	94.3	91.6	88.3	84.8	81.1	77.2	73.6	69.8	65.8	61.3
135°	92.6	89.9	87.5	84.3	80.9	77.5	73.9	70.3	66.5	62.6	58.5
137.5°	88.4	85.5	83.1	80.1	76.8	73.4	69.9	66.7	63.1	59.3	55.4
140°	83.6	80.9	78.2	75.2	72.3	69.4	65.9	62.6	59.5	55.9	52.1
142.5°	78.3	76.0	73.6	70.7	67.7	64.9	61.7	58.6	55.6	52.4	48.8
145°	73.0	70.8	68.5	66.1	63.5	60.7	57.6	54.4	51.4	48.3	45.1
147.5°	67.7	65.7	63.5	61.1	58.6	56.0	53.2	50.2	47.3	44.4	41.3
150°	61.9	59.9	58.0	55.8	53.5	51.0	48.5	45.8	43.1	40.5	37.7
152.5°	55.7	53.8	52.2	50.5	48.3	46.1	43.8	41.3	38.7	36.3	33.9
155°	49.7	48.1	46.4	44.7	42.8	40.8	38.8	36.8	34.5	32.2	29.9
157.5°	43.5	42.2	40.8	39.3	37.5	35.5	33.7	31.9	30.1	28.2	26.1
160°	37.6	36.3	35.0	33.6	32.1	30.4	28.8	27.1	25.4	23.7	22.1
162.5°	31.7	30.7	29.6	28.3	26.8	25.3	23.8	22.5	21.1	19.7	18.3
165°	25.6	24.7	23.8	22.9	22.0	20.8	19.6	18.3	17.1	15.8	14.5
167.5°	19.3	18.5	17.8	17.1	16.3	15.6	14.8	14.0	13.1	12.3	11.4
170°	13.5	13.0	12.5	11.9	11.4	10.9	10.4	9.9	9.4	8.8	8.2
172.5°	9.1	8.7	8.3	7.9	7.5	7.1	6.6	6.1	5.6	5.1	4.6
175°	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.8	3.6	3.4	3.2
177.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8
5°	3.1	2.9	2.7	2.5	2.3	2.1	2.0	1.8	1.6	1.4	1.2
7.5°	4.0	3.9	3.7	3.5	3.2	3.0	2.8	2.5	2.3	2.1	1.8
10°	7.6	6.9	6.2	5.5	4.8	4.0	3.7	3.4	3.1	2.8	2.4
12.5°	10.6	9.7	8.9	8.0	7.0	6.1	5.1	4.1	3.3	2.9	2.5
15°	13.2	12.0	10.9	9.8	8.7	7.7	6.7	5.6	4.5	3.4	2.8
17.5°	16.8	15.4	14.0	12.6	11.3	10.1	8.7	7.3	5.9	4.5	3.1
20°	20.5	18.9	17.2	15.4	13.6	11.8	10.1	8.6	7.1	5.6	4.1
22.5°	24.0	22.0	20.1	18.1	16.1	14.0	11.9	9.8	8.2	6.6	5.1
25°	27.7	25.5	23.2	20.8	18.6	16.3	13.9	11.5	9.3	7.7	6.2
27.5°	31.5	28.9	26.3	23.7	21.2	18.7	16.3	13.9	11.4	8.7	7.0
30°	34.8	31.9	29.3	26.6	23.9	20.9	17.8	15.1	12.4	9.9	7.4
32.5°	38.3	35.4	32.4	29.1	26.0	22.7	19.6	16.3	13.8	11.0	8.2
35°	41.8	38.5	35.1	31.7	28.2	24.8	21.6	18.4	15.2	12.2	9.3
37.5°	45.1	41.5	37.9	34.3	30.8	27.3	23.9	20.3	16.9	13.6	10.5
40°	48.4	44.8	40.9	37.0	33.3	29.5	25.5	21.6	17.9	14.1	10.7
42.5°	51.6	47.6	43.4	39.3	35.4	31.3	27.0	22.9	18.9	15.2	11.6
45°	54.4	50.1	45.7	41.4	37.3	32.9	28.5	24.4	20.1	15.9	11.9
47.5°	57.0	52.7	48.3	44.0	39.5	34.9	30.3	26.0	21.4	16.7	12.6
50°	59.6	55.1	50.6	45.7	40.9	36.4	31.8	27.0	22.2	17.5	13.1
52.5°	61.9	57.0	52.1	47.2	42.6	37.9	33.0	28.0	22.8	17.8	13.4
55°	63.9	58.9	53.9	49.3	44.3	39.4	34.1	28.9	23.3	18.2	13.8
57.5°	65.8	61.0	55.9	50.9	45.7	40.3	34.8	29.2	23.9	19.0	14.1
60°	67.8	62.4	57.4	52.4	47.0	41.4	35.8	29.8	24.3	19.3	14.3
62.5°	69.2	63.7	58.8	53.4	48.1	42.2	36.1	30.3	24.6	19.2	14.7
65°	70.5	65.0	59.6	54.2	49.1	43.0	36.7	30.7	24.6	19.1	14.5
67.5°	71.6	66.2	60.5	54.9	49.5	44.0	37.7	30.9	24.7	19.3	14.5
70°	72.8	67.3	61.7	55.9	49.9	44.2	37.9	31.2	24.7	18.8	13.9
72.5°	73.8	68.2	62.4	56.6	50.6	44.7	38.0	31.1	24.8	19.0	14.1
75°	74.2	68.9	62.7	57.4	50.5	45.2	38.8	31.5	24.6	18.8	13.1
77.5°	74.9	69.2	63.2	57.0	50.6	44.9	38.6	32.0	24.6	18.1	12.8
80°	75.3	69.3	63.2	57.1	51.0	44.7	38.5	32.1	25.0	18.1	12.1
82.5°	75.1	69.1	63.1	57.1	50.9	44.4	38.0	32.0	25.5	18.3	12.3
85°	75.1	69.1	63.0	56.8	50.1	43.9	37.9	31.2	25.2	18.8	11.8
87.5°	75.1	69.2	63.2	56.2	50.2	44.2	38.2	31.1	24.4	18.4	12.4
90°	75.0	69.0	63.0	56.0	50.0	44.0	37.0	30.0	24.0	18.0	11.0
92.5°	75.1	69.2	63.2	56.2	50.2	44.2	38.2	31.1	24.4	18.4	12.4
95°	75.1	69.1	63.0	56.8	50.1	43.9	37.9	31.2	25.2	18.8	11.8
97.5°	75.1	69.1	63.1	57.1	50.9	44.4	38.0	32.0	25.5	18.3	12.3
100°	75.3	69.3	63.2	57.1	51.0	44.7	38.5	32.1	25.0	18.1	12.1
102.5°	74.9	69.2	63.2	57.0	50.6	44.9	38.6	32.0	24.6	18.1	12.8
105°	74.2	68.9	62.7	57.4	50.5	45.2	38.8	31.5	24.6	18.8	13.1
107.5°	73.8	68.2	62.4	56.6	50.6	44.7	38.0	31.1	24.8	19.0	14.1
110°	72.8	67.3	61.7	55.9	49.9	44.2	37.9	31.2	24.7	18.8	13.9



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	71.6	66.2	60.5	54.9	49.5	44.0	37.7	30.9	24.7	19.3	14.5
115°	70.5	65.0	59.6	54.2	49.1	43.0	36.7	30.7	24.6	19.1	14.5
117.5°	69.2	63.7	58.8	53.4	48.1	42.2	36.1	30.3	24.6	19.2	14.7
120°	67.8	62.4	57.4	52.4	47.0	41.4	35.8	29.8	24.3	19.3	14.3
122.5°	65.8	61.0	55.9	50.9	45.7	40.3	34.8	29.2	23.9	19.0	14.1
125°	63.9	58.9	53.9	49.3	44.3	39.4	34.1	28.9	23.3	18.2	13.8
127.5°	61.9	57.0	52.1	47.2	42.6	37.9	33.0	28.0	22.8	17.8	13.4
130°	59.6	55.1	50.6	45.7	40.9	36.4	31.8	27.0	22.2	17.5	13.1
132.5°	57.0	52.7	48.3	44.0	39.5	34.9	30.3	26.0	21.4	16.7	12.6
135°	54.4	50.1	45.7	41.4	37.3	32.9	28.5	24.4	20.1	15.9	11.9
137.5°	51.6	47.6	43.4	39.3	35.4	31.3	27.0	22.9	18.9	15.2	11.6
140°	48.4	44.8	40.9	37.0	33.3	29.5	25.5	21.6	17.9	14.1	10.7
142.5°	45.1	41.5	37.9	34.3	30.8	27.3	23.9	20.3	16.9	13.6	10.5
145°	41.8	38.5	35.1	31.7	28.2	24.8	21.6	18.4	15.2	12.2	9.3
147.5°	38.3	35.4	32.4	29.1	26.0	22.7	19.6	16.3	13.8	11.0	8.2
150°	34.8	31.9	29.3	26.6	23.9	20.9	17.8	15.1	12.4	9.9	7.4
152.5°	31.5	28.9	26.3	23.7	21.2	18.7	16.3	13.9	11.4	8.7	7.0
155°	27.7	25.5	23.2	20.8	18.6	16.3	13.9	11.5	9.3	7.7	6.2
157.5°	24.0	22.0	20.1	18.1	16.1	14.0	11.9	9.8	8.2	6.6	5.1
160°	20.5	18.9	17.2	15.4	13.6	11.8	10.1	8.6	7.1	5.6	4.1
162.5°	16.8	15.4	14.0	12.6	11.3	10.1	8.7	7.3	5.9	4.5	3.1
165°	13.2	12.0	10.9	9.8	8.7	7.7	6.7	5.6	4.5	3.4	2.8
167.5°	10.6	9.7	8.9	8.0	7.0	6.1	5.1	4.1	3.3	2.9	2.5
170°	7.6	6.9	6.2	5.5	4.8	4.0	3.7	3.4	3.1	2.8	2.4
172.5°	4.0	3.9	3.7	3.5	3.2	3.0	2.8	2.5	2.3	2.1	1.8
175°	3.1	2.9	2.7	2.5	2.3	2.1	2.0	1.8	1.6	1.4	1.2
177.5°	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8
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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
7.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
10°	2.1	1.7	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
12.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
15°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
17.5°	2.1	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
20°	2.6	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
22.5°	3.6	2.2	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
25°	4.6	3.1	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
27.5°	5.1	3.3	1.4	0.9	0.5	0.3	0.0	0.3	0.5	0.9	1.4
30°	5.5	3.7	1.9	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.9
32.5°	5.8	4.0	2.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.4
35°	6.5	4.6	2.9	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.9
37.5°	7.5	4.9	3.2	1.6	0.8	0.4	0.0	0.4	0.8	1.6	3.2
40°	7.8	4.9	3.2	1.8	0.8	0.4	0.0	0.4	0.8	1.8	3.2
42.5°	8.2	5.1	2.7	1.3	0.1	0.0	0.0	0.0	0.1	1.3	2.7
45°	8.2	5.5	2.9	1.5	0.0	0.0	0.0	0.0	0.0	1.5	2.9
47.5°	8.9	5.9	3.1	1.4	0.2	0.0	0.0	0.0	0.2	1.4	3.1
50°	9.4	6.1	3.5	1.5	0.4	0.0	0.0	0.0	0.4	1.5	3.5
52.5°	9.6	6.1	3.3	1.2	0.3	0.0	0.0	0.0	0.3	1.2	3.3
55°	9.5	5.8	3.0	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.0
57.5°	9.5	5.8	2.7	1.4	0.6	0.0	0.0	0.0	0.6	1.4	2.7
60°	9.8	6.3	3.1	1.2	0.1	0.0	0.0	0.0	0.1	1.2	3.1
62.5°	10.1	6.1	3.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1	3.0
65°	10.0	6.2	3.0	1.2	0.1	0.0	0.0	0.0	0.1	1.2	3.0
67.5°	10.0	6.0	2.9	1.2	0.4	0.0	1.0	0.0	0.4	1.2	2.9
70°	9.9	6.1	3.1	1.0	0.2	0.0	1.0	0.0	0.2	1.0	3.1
72.5°	9.2	5.5	2.8	1.1	0.0	0.4	1.0	0.4	0.0	1.1	2.8
75°	8.9	5.2	2.8	0.9	0.0	0.2	1.0	0.2	0.0	0.9	2.8
77.5°	8.9	5.0	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.4
80°	7.9	4.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
82.5°	7.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	6.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	7.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.9	4.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
102.5°	8.9	5.0	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.4
105°	8.9	5.2	2.8	0.9	0.0	0.2	1.0	0.2	0.0	0.9	2.8
107.5°	9.2	5.5	2.8	1.1	0.0	0.4	1.0	0.4	0.0	1.1	2.8
110°	9.9	6.1	3.1	1.0	0.2	0.0	1.0	0.0	0.2	1.0	3.1



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	10.0	6.0	2.9	1.2	0.4	0.0	1.0	0.0	0.4	1.2	2.9
115°	10.0	6.2	3.0	1.2	0.1	0.0	0.0	0.0	0.1	1.2	3.0
117.5°	10.1	6.1	3.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1	3.0
120°	9.8	6.3	3.1	1.2	0.1	0.0	0.0	0.0	0.1	1.2	3.1
122.5°	9.5	5.8	2.7	1.4	0.6	0.0	0.0	0.0	0.6	1.4	2.7
125°	9.5	5.8	3.0	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.0
127.5°	9.6	6.1	3.3	1.2	0.3	0.0	0.0	0.0	0.3	1.2	3.3
130°	9.4	6.1	3.5	1.5	0.4	0.0	0.0	0.0	0.4	1.5	3.5
132.5°	8.9	5.9	3.1	1.4	0.2	0.0	0.0	0.0	0.2	1.4	3.1
135°	8.2	5.5	2.9	1.5	0.0	0.0	0.0	0.0	0.0	1.5	2.9
137.5°	8.2	5.1	2.7	1.3	0.1	0.0	0.0	0.0	0.1	1.3	2.7
140°	7.8	4.9	3.2	1.8	0.8	0.4	0.0	0.4	0.8	1.8	3.2
142.5°	7.5	4.9	3.2	1.6	0.8	0.4	0.0	0.4	0.8	1.6	3.2
145°	6.5	4.6	2.9	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.9
147.5°	5.8	4.0	2.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.4
150°	5.5	3.7	1.9	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.9
152.5°	5.1	3.3	1.4	0.9	0.5	0.3	0.0	0.3	0.5	0.9	1.4
155°	4.6	3.1	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
157.5°	3.6	2.2	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
160°	2.6	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
162.5°	2.1	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
165°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
167.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
170°	2.1	1.7	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
172.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
175°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
177.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.5	0.6	0.8	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.5
5°	0.9	1.1	1.2	1.4	1.6	1.8	2.0	2.1	2.3	2.5	2.7
7.5°	1.3	1.6	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.5	3.7
10°	1.7	2.1	2.4	2.8	3.1	3.4	3.7	4.0	4.8	5.5	6.2
12.5°	1.7	2.1	2.5	2.9	3.3	4.1	5.1	6.1	7.0	8.0	8.9
15°	2.0	2.4	2.8	3.4	4.5	5.6	6.7	7.7	8.7	9.8	10.9
17.5°	1.7	2.1	3.1	4.5	5.9	7.3	8.7	10.1	11.3	12.6	14.0
20°	1.8	2.6	4.1	5.6	7.1	8.6	10.1	11.8	13.6	15.4	17.2
22.5°	2.2	3.6	5.1	6.6	8.2	9.8	11.9	14.0	16.1	18.1	20.1
25°	3.1	4.6	6.2	7.7	9.3	11.5	13.9	16.3	18.6	20.8	23.2
27.5°	3.3	5.1	7.0	8.7	11.4	13.9	16.3	18.7	21.2	23.7	26.3
30°	3.7	5.5	7.4	9.9	12.4	15.1	17.8	20.9	23.9	26.6	29.3
32.5°	4.0	5.8	8.2	11.0	13.8	16.3	19.6	22.7	26.0	29.1	32.4
35°	4.6	6.5	9.3	12.2	15.2	18.4	21.6	24.8	28.2	31.7	35.1
37.5°	4.9	7.5	10.5	13.6	16.9	20.3	23.9	27.3	30.8	34.3	37.9
40°	4.9	7.8	10.7	14.1	17.9	21.6	25.5	29.5	33.3	37.0	40.9
42.5°	5.1	8.2	11.6	15.2	18.9	22.9	27.0	31.3	35.4	39.3	43.4
45°	5.5	8.2	11.9	15.9	20.1	24.4	28.5	32.9	37.3	41.4	45.7
47.5°	5.9	8.9	12.6	16.7	21.4	26.0	30.3	34.9	39.5	44.0	48.3
50°	6.1	9.4	13.1	17.5	22.2	27.0	31.8	36.4	40.9	45.7	50.6
52.5°	6.1	9.6	13.4	17.8	22.8	28.0	33.0	37.9	42.6	47.2	52.1
55°	5.8	9.5	13.8	18.2	23.3	28.9	34.1	39.4	44.3	49.3	53.9
57.5°	5.8	9.5	14.1	19.0	23.9	29.2	34.8	40.3	45.7	50.9	55.9
60°	6.3	9.8	14.3	19.3	24.3	29.8	35.8	41.4	47.0	52.4	57.4
62.5°	6.1	10.1	14.7	19.2	24.6	30.3	36.1	42.2	48.1	53.4	58.8
65°	6.2	10.0	14.5	19.1	24.6	30.7	36.7	43.0	49.1	54.2	59.6
67.5°	6.0	10.0	14.5	19.3	24.7	30.9	37.7	44.0	49.5	54.9	60.5
70°	6.1	9.9	13.9	18.8	24.7	31.2	37.9	44.2	49.9	55.9	61.7
72.5°	5.5	9.2	14.1	19.0	24.8	31.1	38.0	44.7	50.6	56.6	62.4
75°	5.2	8.9	13.1	18.8	24.6	31.5	38.8	45.2	50.5	57.4	62.7
77.5°	5.0	8.9	12.8	18.1	24.6	32.0	38.6	44.9	50.6	57.0	63.2
80°	4.2	7.9	12.1	18.1	25.0	32.1	38.5	44.7	51.0	57.1	63.2
82.5°	2.5	7.1	12.3	18.3	25.5	32.0	38.0	44.4	50.9	57.1	63.1
85°	1.5	6.1	11.8	18.8	25.2	31.2	37.9	43.9	50.1	56.8	63.0
87.5°	0.6	6.5	12.4	18.4	24.4	31.1	38.2	44.2	50.2	56.2	63.2
90°	0.0	6.0	11.0	18.0	24.0	30.0	37.0	44.0	50.0	56.0	63.0
92.5°	0.6	6.5	12.4	18.4	24.4	31.1	38.2	44.2	50.2	56.2	63.2
95°	1.5	6.1	11.8	18.8	25.2	31.2	37.9	43.9	50.1	56.8	63.0
97.5°	2.5	7.1	12.3	18.3	25.5	32.0	38.0	44.4	50.9	57.1	63.1
100°	4.2	7.9	12.1	18.1	25.0	32.1	38.5	44.7	51.0	57.1	63.2
102.5°	5.0	8.9	12.8	18.1	24.6	32.0	38.6	44.9	50.6	57.0	63.2
105°	5.2	8.9	13.1	18.8	24.6	31.5	38.8	45.2	50.5	57.4	62.7
107.5°	5.5	9.2	14.1	19.0	24.8	31.1	38.0	44.7	50.6	56.6	62.4
110°	6.1	9.9	13.9	18.8	24.7	31.2	37.9	44.2	49.9	55.9	61.7



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	6.0	10.0	14.5	19.3	24.7	30.9	37.7	44.0	49.5	54.9	60.5
115°	6.2	10.0	14.5	19.1	24.6	30.7	36.7	43.0	49.1	54.2	59.6
117.5°	6.1	10.1	14.7	19.2	24.6	30.3	36.1	42.2	48.1	53.4	58.8
120°	6.3	9.8	14.3	19.3	24.3	29.8	35.8	41.4	47.0	52.4	57.4
122.5°	5.8	9.5	14.1	19.0	23.9	29.2	34.8	40.3	45.7	50.9	55.9
125°	5.8	9.5	13.8	18.2	23.3	28.9	34.1	39.4	44.3	49.3	53.9
127.5°	6.1	9.6	13.4	17.8	22.8	28.0	33.0	37.9	42.6	47.2	52.1
130°	6.1	9.4	13.1	17.5	22.2	27.0	31.8	36.4	40.9	45.7	50.6
132.5°	5.9	8.9	12.6	16.7	21.4	26.0	30.3	34.9	39.5	44.0	48.3
135°	5.5	8.2	11.9	15.9	20.1	24.4	28.5	32.9	37.3	41.4	45.7
137.5°	5.1	8.2	11.6	15.2	18.9	22.9	27.0	31.3	35.4	39.3	43.4
140°	4.9	7.8	10.7	14.1	17.9	21.6	25.5	29.5	33.3	37.0	40.9
142.5°	4.9	7.5	10.5	13.6	16.9	20.3	23.9	27.3	30.8	34.3	37.9
145°	4.6	6.5	9.3	12.2	15.2	18.4	21.6	24.8	28.2	31.7	35.1
147.5°	4.0	5.8	8.2	11.0	13.8	16.3	19.6	22.7	26.0	29.1	32.4
150°	3.7	5.5	7.4	9.9	12.4	15.1	17.8	20.9	23.9	26.6	29.3
152.5°	3.3	5.1	7.0	8.7	11.4	13.9	16.3	18.7	21.2	23.7	26.3
155°	3.1	4.6	6.2	7.7	9.3	11.5	13.9	16.3	18.6	20.8	23.2
157.5°	2.2	3.6	5.1	6.6	8.2	9.8	11.9	14.0	16.1	18.1	20.1
160°	1.8	2.6	4.1	5.6	7.1	8.6	10.1	11.8	13.6	15.4	17.2
162.5°	1.7	2.1	3.1	4.5	5.9	7.3	8.7	10.1	11.3	12.6	14.0
165°	2.0	2.4	2.8	3.4	4.5	5.6	6.7	7.7	8.7	9.8	10.9
167.5°	1.7	2.1	2.5	2.9	3.3	4.1	5.1	6.1	7.0	8.0	8.9
170°	1.7	2.1	2.4	2.8	3.1	3.4	3.7	4.0	4.8	5.5	6.2
172.5°	1.3	1.6	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.5	3.7
175°	0.9	1.1	1.2	1.4	1.6	1.8	2.0	2.1	2.3	2.5	2.7
177.5°	0.5	0.6	0.8	0.9	1.0	1.1	1.2	1.3	1.3	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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.3
5°	2.9	3.1	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.4	4.5
7.5°	3.9	4.0	4.6	5.1	5.6	6.1	6.6	7.1	7.5	7.9	8.3
10°	6.9	7.6	8.2	8.8	9.4	9.9	10.4	10.9	11.4	11.9	12.5
12.5°	9.7	10.6	11.4	12.3	13.1	14.0	14.8	15.6	16.3	17.1	17.8
15°	12.0	13.2	14.5	15.8	17.1	18.3	19.6	20.8	22.0	22.9	23.8
17.5°	15.4	16.8	18.3	19.7	21.1	22.5	23.8	25.3	26.8	28.3	29.6
20°	18.9	20.5	22.1	23.7	25.4	27.1	28.8	30.4	32.1	33.6	35.0
22.5°	22.0	24.0	26.1	28.2	30.1	31.9	33.7	35.5	37.5	39.3	40.8
25°	25.5	27.7	29.9	32.2	34.5	36.8	38.8	40.8	42.8	44.7	46.4
27.5°	28.9	31.5	33.9	36.3	38.7	41.3	43.8	46.1	48.3	50.5	52.2
30°	31.9	34.8	37.7	40.5	43.1	45.8	48.5	51.0	53.5	55.8	58.0
32.5°	35.4	38.3	41.3	44.4	47.3	50.2	53.2	56.0	58.6	61.1	63.5
35°	38.5	41.8	45.1	48.3	51.4	54.4	57.6	60.7	63.5	66.1	68.5
37.5°	41.5	45.1	48.8	52.4	55.6	58.6	61.7	64.9	67.7	70.7	73.6
40°	44.8	48.4	52.1	55.9	59.5	62.6	65.9	69.4	72.3	75.2	78.2
42.5°	47.6	51.6	55.4	59.3	63.1	66.7	69.9	73.4	76.8	80.1	83.1
45°	50.1	54.4	58.5	62.6	66.5	70.3	73.9	77.5	80.9	84.3	87.5
47.5°	52.7	57.0	61.3	65.8	69.8	73.6	77.2	81.1	84.8	88.3	91.6
50°	55.1	59.6	63.9	68.3	72.5	76.7	80.5	84.4	88.4	91.9	95.3
52.5°	57.0	61.9	66.5	71.1	75.1	79.3	83.6	87.5	91.4	95.2	99.0
55°	58.9	63.9	68.8	73.5	78.0	81.9	86.3	90.7	94.7	98.2	102.3
57.5°	61.0	65.8	70.6	75.3	80.7	84.7	89.1	93.6	97.9	101.4	105.4
60°	62.4	67.8	72.5	77.3	82.3	87.0	92.1	96.4	100.5	104.3	108.2
62.5°	63.7	69.2	74.2	79.1	84.3	88.8	93.9	98.4	102.7	106.8	110.9
65°	65.0	70.5	75.8	80.8	86.1	90.9	95.7	100.5	104.9	109.1	113.3
67.5°	66.2	71.6	77.1	82.4	87.7	92.8	97.7	102.3	107.3	111.6	115.6
70°	67.3	72.8	78.5	83.9	89.3	94.5	99.6	103.8	108.7	113.0	117.5
72.5°	68.2	73.8	79.8	84.9	90.4	95.7	100.8	105.3	110.0	114.5	119.0
75°	68.9	74.2	80.2	85.5	91.2	96.7	101.8	106.6	111.2	115.8	120.4
77.5°	69.2	74.9	80.5	86.1	91.7	97.2	102.8	107.8	112.5	116.8	121.5
80°	69.3	75.3	81.0	86.5	92.3	97.5	102.9	108.4	113.2	117.4	122.2
82.5°	69.1	75.1	81.0	87.0	92.9	97.9	103.0	108.8	113.7	117.8	122.7
85°	69.1	75.1	81.1	87.1	93.1	98.1	103.1	109.1	114.0	118.1	123.1
87.5°	69.2	75.1	81.1	87.1	93.1	98.1	103.1	109.1	114.0	118.1	123.1
90°	69.0	75.0	81.0	87.0	93.0	98.0	104.0	109.0	114.0	119.0	123.0
92.5°	69.2	75.1	81.1	87.1	93.1	98.1	103.5	109.1	114.1	118.5	123.0
95°	69.1	75.1	81.1	87.1	93.1	98.1	103.1	109.1	114.0	118.1	123.1
97.5°	69.1	75.1	81.0	87.0	92.9	97.9	103.0	108.8	113.7	117.8	122.7
100°	69.3	75.3	81.0	86.5	92.3	97.5	102.9	108.4	113.2	117.4	122.2
102.5°	69.2	74.9	80.5	86.1	91.7	97.2	102.8	107.8	112.5	116.8	121.5
105°	68.9	74.2	80.2	85.5	91.2	96.7	101.8	106.6	111.2	115.8	120.4
107.5°	68.2	73.8	79.8	84.9	90.4	95.7	100.8	105.3	110.0	114.5	119.0
110°	67.3	72.8	78.5	83.9	89.3	94.5	99.6	103.8	108.7	113.0	117.5



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	66.2	71.6	77.1	82.4	87.7	92.8	97.7	102.3	107.3	111.6	115.6
115°	65.0	70.5	75.8	80.8	86.1	90.9	95.7	100.5	104.9	109.1	113.3
117.5°	63.7	69.2	74.2	79.1	84.3	88.8	93.9	98.4	102.7	106.8	110.9
120°	62.4	67.8	72.5	77.3	82.3	87.0	92.1	96.4	100.5	104.3	108.2
122.5°	61.0	65.8	70.6	75.3	80.7	84.7	89.1	93.6	97.9	101.4	105.4
125°	58.9	63.9	68.8	73.5	78.0	81.9	86.3	90.7	94.7	98.2	102.3
127.5°	57.0	61.9	66.5	71.1	75.1	79.3	83.6	87.5	91.4	95.2	99.0
130°	55.1	59.6	63.9	68.3	72.5	76.7	80.5	84.4	88.4	91.9	95.3
132.5°	52.7	57.0	61.3	65.8	69.8	73.6	77.2	81.1	84.8	88.3	91.6
135°	50.1	54.4	58.5	62.6	66.5	70.3	73.9	77.5	80.9	84.3	87.5
137.5°	47.6	51.6	55.4	59.3	63.1	66.7	69.9	73.4	76.8	80.1	83.1
140°	44.8	48.4	52.1	55.9	59.5	62.6	65.9	69.4	72.3	75.2	78.2
142.5°	41.5	45.1	48.8	52.4	55.6	58.6	61.7	64.9	67.7	70.7	73.6
145°	38.5	41.8	45.1	48.3	51.4	54.4	57.6	60.7	63.5	66.1	68.5
147.5°	35.4	38.3	41.3	44.4	47.3	50.2	53.2	56.0	58.6	61.1	63.5
150°	31.9	34.8	37.7	40.5	43.1	45.8	48.5	51.0	53.5	55.8	58.0
152.5°	28.9	31.5	33.9	36.3	38.7	41.3	43.8	46.1	48.3	50.5	52.2
155°	25.5	27.7	29.9	32.2	34.5	36.8	38.8	40.8	42.8	44.7	46.4
157.5°	22.0	24.0	26.1	28.2	30.1	31.9	33.7	35.5	37.5	39.3	40.8
160°	18.9	20.5	22.1	23.7	25.4	27.1	28.8	30.4	32.1	33.6	35.0
162.5°	15.4	16.8	18.3	19.7	21.1	22.5	23.8	25.3	26.8	28.3	29.6
165°	12.0	13.2	14.5	15.8	17.1	18.3	19.6	20.8	22.0	22.9	23.8
167.5°	9.7	10.6	11.4	12.3	13.1	14.0	14.8	15.6	16.3	17.1	17.8
170°	6.9	7.6	8.2	8.8	9.4	9.9	10.4	10.9	11.4	11.9	12.5
172.5°	3.9	4.0	4.6	5.1	5.6	6.1	6.6	7.1	7.5	7.9	8.3
175°	2.9	3.1	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.4	4.5
177.5°	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.3
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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.8
5°	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.0	5.0	5.5
7.5°	8.7	9.1	9.4	9.7	10.0	10.2	10.5	10.7	10.9	11.0	11.8
10°	13.0	13.5	13.9	14.3	14.8	15.3	15.8	16.2	16.6	17.0	18.0
12.5°	18.5	19.3	19.9	20.6	21.1	21.7	22.2	22.7	23.1	23.5	24.8
15°	24.7	25.6	26.4	27.1	27.8	28.4	28.9	29.3	29.7	30.0	31.5
17.5°	30.7	31.7	32.8	33.6	34.4	35.1	35.8	36.4	37.0	37.5	39.3
20°	36.3	37.6	38.9	40.2	41.1	41.9	42.6	43.4	44.3	45.0	47.0
22.5°	42.2	43.5	45.1	46.5	47.8	48.6	49.4	50.3	51.2	52.0	54.4
25°	48.1	49.7	51.3	52.9	54.3	55.4	56.2	57.1	58.1	59.0	61.9
27.5°	53.8	55.7	57.5	59.2	60.6	61.8	62.9	63.9	65.0	66.0	69.2
30°	59.9	61.9	63.8	65.6	66.9	68.0	69.4	70.7	71.9	73.0	76.4
32.5°	65.7	67.7	69.6	71.5	73.0	74.3	75.7	77.1	78.4	79.5	82.9
35°	70.8	73.0	75.0	76.9	78.7	80.4	82.0	83.4	84.8	86.0	89.4
37.5°	76.0	78.3	80.4	82.5	84.4	86.1	87.8	89.3	90.7	92.0	95.9
40°	80.9	83.6	85.9	88.0	90.0	91.8	93.6	95.2	96.7	98.0	102.4
42.5°	85.5	88.4	91.0	93.3	95.3	97.1	99.0	100.6	102.1	103.5	108.2
45°	89.9	92.6	95.5	98.2	100.4	102.4	104.2	105.9	107.5	109.0	113.9
47.5°	94.3	96.9	99.9	102.8	105.3	107.2	109.1	110.8	112.5	114.0	119.1
50°	98.4	101.3	104.3	107.3	110.0	112.0	113.9	115.7	117.4	119.0	124.3
52.5°	102.3	105.3	108.3	111.2	114.0	116.3	118.0	119.7	121.5	123.5	129.0
55°	105.6	108.8	111.8	114.8	117.7	120.5	122.2	123.6	125.5	128.0	133.7
57.5°	109.0	112.1	115.4	118.4	121.4	124.0	125.9	127.5	129.4	132.0	137.9
60°	112.0	115.2	119.1	122.1	125.1	127.5	129.5	131.4	133.4	136.0	142.0
62.5°	114.9	118.0	121.9	125.1	128.0	130.7	132.7	134.5	136.8	139.5	145.2
65°	117.4	120.7	124.4	127.8	130.8	133.7	136.0	137.5	140.3	143.0	148.4
67.5°	119.7	123.1	126.7	130.2	133.2	136.0	138.3	140.3	142.7	145.5	151.5
70°	121.8	125.3	128.8	132.5	135.5	138.2	140.4	143.2	145.2	148.0	154.6
72.5°	123.4	127.1	130.6	134.1	137.4	140.2	142.3	145.1	147.1	150.0	157.1
75°	124.6	128.5	132.2	135.5	139.2	142.1	144.2	147.1	149.1	152.0	160.0
77.5°	125.5	129.5	133.3	136.8	140.2	143.2	145.6	148.1	150.1	153.5	160.5
80°	126.3	130.3	134.2	138.1	141.1	144.1	147.0	149.0	151.1	155.0	161.0
82.5°	126.7	131.1	134.7	138.6	141.6	145.0	147.6	150.0	152.0	155.5	162.0
85°	127.1	132.0	135.1	139.0	142.1	146.0	148.0	151.0	153.0	156.0	163.0
87.5°	127.0	132.0	135.5	139.5	142.5	146.0	148.5	151.0	153.0	156.5	163.0
90°	127.0	132.0	136.0	140.0	143.0	146.0	149.0	151.0	153.0	157.0	163.0
92.5°	127.0	132.0	135.5	139.5	142.5	146.0	148.5	151.0	153.0	156.5	163.0
95°	127.1	132.0	135.1	139.0	142.1	146.0	148.0	151.0	153.0	156.0	163.0
97.5°	126.7	131.1	134.7	138.6	141.6	145.0	147.6	150.0	152.0	155.5	162.0
100°	126.3	130.3	134.2	138.1	141.1	144.1	147.0	149.0	151.1	155.0	161.0
102.5°	125.5	129.5	133.3	136.8	140.2	143.2	145.6	148.1	150.1	153.5	160.5
105°	124.6	128.5	132.2	135.5	139.2	142.1	144.2	147.1	149.1	152.0	160.0
107.5°	123.4	127.1	130.6	134.1	137.4	140.2	142.3	145.1	147.1	150.0	157.1
110°	121.8	125.3	128.8	132.5	135.5	138.2	140.4	143.2	145.2	148.0	154.6



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	119.7	123.1	126.7	130.2	133.2	136.0	138.3	140.3	142.7	145.5	151.5
115°	117.4	120.7	124.4	127.8	130.8	133.7	136.0	137.5	140.3	143.0	148.4
117.5°	114.9	118.0	121.9	125.1	128.0	130.7	132.7	134.5	136.8	139.5	145.2
120°	112.0	115.2	119.1	122.1	125.1	127.5	129.5	131.4	133.4	136.0	142.0
122.5°	109.0	112.1	115.4	118.4	121.4	124.0	125.9	127.5	129.4	132.0	137.9
125°	105.6	108.8	111.8	114.8	117.7	120.5	122.2	123.6	125.5	128.0	133.7
127.5°	102.3	105.3	108.3	111.2	114.0	116.3	118.0	119.7	121.5	123.5	129.0
130°	98.4	101.3	104.3	107.3	110.0	112.0	113.9	115.7	117.4	119.0	124.3
132.5°	94.3	96.9	99.9	102.8	105.3	107.2	109.1	110.8	112.5	114.0	119.1
135°	89.9	92.6	95.5	98.2	100.4	102.4	104.2	105.9	107.5	109.0	113.9
137.5°	85.5	88.4	91.0	93.3	95.3	97.1	99.0	100.6	102.1	103.5	108.2
140°	80.9	83.6	85.9	88.0	90.0	91.8	93.6	95.2	96.7	98.0	102.4
142.5°	76.0	78.3	80.4	82.5	84.4	86.1	87.8	89.3	90.7	92.0	95.9
145°	70.8	73.0	75.0	76.9	78.7	80.4	82.0	83.4	84.8	86.0	89.4
147.5°	65.7	67.7	69.6	71.5	73.0	74.3	75.7	77.1	78.4	79.5	82.9
150°	59.9	61.9	63.8	65.6	66.9	68.0	69.4	70.7	71.9	73.0	76.4
152.5°	53.8	55.7	57.5	59.2	60.6	61.8	62.9	63.9	65.0	66.0	69.2
155°	48.1	49.7	51.3	52.9	54.3	55.4	56.2	57.1	58.1	59.0	61.9
157.5°	42.2	43.5	45.1	46.5	47.8	48.6	49.4	50.3	51.2	52.0	54.4
160°	36.3	37.6	38.9	40.2	41.1	41.9	42.6	43.4	44.3	45.0	47.0
162.5°	30.7	31.7	32.8	33.6	34.4	35.1	35.8	36.4	37.0	37.5	39.3
165°	24.7	25.6	26.4	27.1	27.8	28.4	28.9	29.3	29.7	30.0	31.5
167.5°	18.5	19.3	19.9	20.6	21.1	21.7	22.2	22.7	23.1	23.5	24.8
170°	13.0	13.5	13.9	14.3	14.8	15.3	15.8	16.2	16.6	17.0	18.0
172.5°	8.7	9.1	9.4	9.7	10.0	10.2	10.5	10.7	10.9	11.0	11.8
175°	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.0	5.0	5.5
177.5°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.8
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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
5°	6.0	6.5	7.0	7.5	7.9	8.4	8.8	9.2	9.6	10.0	10.3
7.5°	12.5	13.2	13.8	14.5	15.0	15.6	16.2	17.6	18.9	20.2	21.4
10°	19.0	19.9	20.8	21.6	22.6	24.5	26.3	28.1	29.8	31.4	33.1
12.5°	26.0	27.1	28.2	29.7	32.2	34.6	36.9	39.1	41.7	44.7	47.6
15°	33.0	34.3	35.9	39.1	42.2	45.2	48.1	51.9	55.6	59.1	63.0
17.5°	40.9	42.5	45.3	48.8	52.2	55.9	60.6	65.1	69.4	74.2	79.3
20°	48.9	50.8	54.5	58.2	62.0	67.9	73.5	78.9	84.6	90.2	95.7
22.5°	56.7	59.8	64.1	68.2	74.2	80.6	87.0	93.3	99.3	105.3	112.6
25°	64.7	68.9	73.8	79.2	86.4	93.4	100.7	107.9	115.0	122.7	130.3
27.5°	72.2	77.4	82.9	89.8	97.4	105.5	114.0	122.4	130.7	138.8	147.5
30°	79.7	85.9	91.9	99.7	108.0	117.2	126.7	136.6	146.1	155.4	164.7
32.5°	86.7	93.4	100.5	109.2	118.5	129.2	140.0	151.1	161.5	171.1	180.9
35°	93.7	100.8	109.1	118.7	129.7	141.7	153.0	164.6	175.5	186.3	197.4
37.5°	101.0	108.6	118.1	128.4	140.6	152.9	165.3	177.7	190.5	202.2	214.2
40°	108.4	116.4	127.0	138.4	151.1	164.0	177.0	190.1	203.4	217.0	229.6
42.5°	114.6	122.9	134.6	147.3	160.7	174.8	188.6	202.6	216.7	230.7	244.1
45°	120.7	129.6	141.9	155.6	170.2	185.6	200.1	214.9	230.1	244.5	258.7
47.5°	126.7	136.6	149.1	163.8	179.5	195.8	210.7	227.3	243.3	259.0	272.7
50°	132.7	143.5	156.3	171.8	188.4	204.5	220.1	237.9	254.3	270.2	285.7
52.5°	137.6	149.2	163.2	179.0	196.7	213.1	229.8	248.1	264.9	281.4	297.5
55°	142.5	154.8	169.7	186.0	204.8	221.5	239.3	257.8	275.6	292.7	309.4
57.5°	147.1	160.1	175.7	192.9	212.2	229.6	248.3	267.4	286.0	303.7	321.7
60°	151.6	165.4	181.6	199.5	218.9	237.7	256.4	276.1	294.8	313.3	331.3
62.5°	155.5	170.1	186.6	205.2	225.0	244.6	263.8	284.3	303.0	322.1	340.5
65°	159.4	174.7	191.4	210.4	230.5	250.4	270.8	291.5	310.1	330.0	348.7
67.5°	162.5	178.2	195.7	215.0	235.2	255.8	277.1	297.8	317.0	337.2	355.7
70°	165.5	181.6	199.8	219.2	239.4	260.8	282.5	303.5	323.9	343.6	362.1
72.5°	167.9	184.4	202.3	222.9	243.7	265.5	287.1	308.8	329.8	349.3	367.9
75°	170.2	187.1	204.4	226.5	247.9	269.8	290.7	313.2	334.0	353.7	373.1
77.5°	171.9	188.7	206.6	229.0	250.3	273.2	294.3	317.0	337.3	357.5	377.7
80°	174.0	190.2	208.7	231.1	252.0	276.1	297.8	319.7	339.7	360.7	380.7
82.5°	175.0	191.5	211.4	232.5	254.2	278.0	299.2	322.0	342.3	363.5	383.4
85°	176.0	192.0	213.0	234.0	256.9	280.1	300.2	324.9	344.9	365.9	385.8
87.5°	175.5	192.5	212.0	234.0	256.5	280.6	300.6	324.2	345.7	367.1	386.3
90°	175.0	193.0	211.0	234.0	256.0	281.1	301.1	323.1	345.1	367.1	385.1
92.5°	175.5	192.5	212.0	234.0	256.5	280.6	300.6	324.2	345.7	367.1	386.3
95°	176.0	192.0	213.0	234.0	256.9	280.1	300.2	324.9	344.9	365.9	385.8
97.5°	175.0	191.5	211.4	232.5	254.2	278.0	299.2	322.0	342.3	363.5	383.4
100°	174.0	190.2	208.7	231.1	252.0	276.1	297.8	319.7	339.7	360.7	380.7
102.5°	171.9	188.7	206.6	229.0	250.3	273.2	294.3	317.0	337.3	357.5	377.7
105°	170.2	187.1	204.4	226.5	247.9	269.8	290.7	313.2	334.0	353.7	373.1
107.5°	167.9	184.4	202.3	222.9	243.7	265.5	287.1	308.8	329.8	349.3	367.9
110°	165.5	181.6	199.8	219.2	239.4	260.8	282.5	303.5	323.9	343.6	362.1



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	162.5	178.2	195.7	215.0	235.2	255.8	277.1	297.8	317.0	337.2	355.7
115°	159.4	174.7	191.4	210.4	230.5	250.4	270.8	291.5	310.1	330.0	348.7
117.5°	155.5	170.1	186.6	205.2	225.0	244.6	263.8	284.3	303.0	322.1	340.5
120°	151.6	165.4	181.6	199.5	218.9	237.7	256.4	276.1	294.8	313.3	331.3
122.5°	147.1	160.1	175.7	192.9	212.2	229.6	248.3	267.4	286.0	303.7	321.7
125°	142.5	154.8	169.7	186.0	204.8	221.5	239.3	257.8	275.6	292.7	309.4
127.5°	137.6	149.2	163.2	179.0	196.7	213.1	229.8	248.1	264.9	281.4	297.5
130°	132.7	143.5	156.3	171.8	188.4	204.5	220.1	237.9	254.3	270.2	285.7
132.5°	126.7	136.6	149.1	163.8	179.5	195.8	210.7	227.3	243.3	259.0	272.7
135°	120.7	129.6	141.9	155.6	170.2	185.6	200.1	214.9	230.1	244.5	258.7
137.5°	114.6	122.9	134.6	147.3	160.7	174.8	188.6	202.6	216.7	230.7	244.1
140°	108.4	116.4	127.0	138.4	151.1	164.0	177.0	190.1	203.4	217.0	229.6
142.5°	101.0	108.6	118.1	128.4	140.6	152.9	165.3	177.7	190.5	202.2	214.2
145°	93.7	100.8	109.1	118.7	129.7	141.7	153.0	164.6	175.5	186.3	197.4
147.5°	86.7	93.4	100.5	109.2	118.5	129.2	140.0	151.1	161.5	171.1	180.9
150°	79.7	85.9	91.9	99.7	108.0	117.2	126.7	136.6	146.1	155.4	164.7
152.5°	72.2	77.4	82.9	89.8	97.4	105.5	114.0	122.4	130.7	138.8	147.5
155°	64.7	68.9	73.8	79.2	86.4	93.4	100.7	107.9	115.0	122.7	130.3
157.5°	56.7	59.8	64.1	68.2	74.2	80.6	87.0	93.3	99.3	105.3	112.6
160°	48.9	50.8	54.5	58.2	62.0	67.9	73.5	78.9	84.6	90.2	95.7
162.5°	40.9	42.5	45.3	48.8	52.2	55.9	60.6	65.1	69.4	74.2	79.3
165°	33.0	34.3	35.9	39.1	42.2	45.2	48.1	51.9	55.6	59.1	63.0
167.5°	26.0	27.1	28.2	29.7	32.2	34.6	36.9	39.1	41.7	44.7	47.6
170°	19.0	19.9	20.8	21.6	22.6	24.5	26.3	28.1	29.8	31.4	33.1
172.5°	12.5	13.2	13.8	14.5	15.0	15.6	16.2	17.6	18.9	20.2	21.4
175°	6.0	6.5	7.0	7.5	7.9	8.4	8.8	9.2	9.6	10.0	10.3
177.5°	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
5°	11.2	12.1	12.9	13.7	14.4	15.1	15.7	16.3	16.8	17.3	17.7
7.5°	22.6	23.7	24.7	25.6	26.6	27.8	28.8	30.1	31.2	32.3	33.3
10°	35.3	37.4	39.5	41.4	43.1	44.8	46.2	47.8	49.5	51.0	52.4
12.5°	50.3	53.0	55.5	58.3	61.0	63.6	66.0	68.3	70.4	72.5	74.5
15°	66.5	70.3	73.9	77.1	80.2	83.5	86.7	89.8	92.8	95.4	97.7
17.5°	84.2	89.4	93.1	97.2	101.2	105.1	108.8	112.2	115.2	117.9	120.4
20°	101.4	106.9	111.9	116.7	121.6	126.5	130.8	134.8	138.6	142.0	145.2
22.5°	119.5	125.9	131.8	137.5	143.2	148.4	153.5	158.2	162.6	166.7	170.4
25°	137.7	144.6	151.9	157.7	164.2	170.3	176.0	181.5	186.7	191.4	195.1
27.5°	155.9	163.8	171.3	178.6	185.3	191.5	198.6	204.0	209.6	214.5	218.6
30°	173.9	182.7	191.0	198.8	206.1	213.3	220.3	227.1	232.4	237.3	242.4
32.5°	190.9	200.5	209.9	218.6	226.8	234.5	241.8	248.4	254.4	260.2	265.5
35°	208.0	218.7	228.9	238.5	247.3	255.3	263.0	270.3	277.3	283.2	288.2
37.5°	225.3	236.5	247.7	258.0	267.2	275.8	284.0	291.7	298.2	305.1	309.7
40°	241.7	254.2	265.6	275.8	285.6	295.2	303.7	311.2	318.6	325.3	331.2
42.5°	257.6	270.5	281.8	292.6	303.1	312.9	321.9	330.9	340.1	345.9	352.2
45°	272.7	285.3	297.6	309.7	320.3	330.6	340.6	349.9	357.6	364.8	370.6
47.5°	286.7	299.8	313.7	326.2	336.7	347.6	357.9	366.4	375.1	382.8	389.5
50°	300.2	314.2	328.0	340.3	352.2	363.7	373.9	383.5	393.6	400.7	407.6
52.5°	313.0	328.0	341.5	354.6	368.0	378.9	389.5	400.0	408.4	416.8	424.5
55°	325.8	341.3	355.5	368.2	381.1	393.3	403.9	414.0	423.5	432.5	440.0
57.5°	337.4	352.5	367.0	380.9	393.9	405.9	417.3	428.1	437.8	446.6	454.4
60°	347.8	363.1	378.2	392.4	405.6	418.1	430.1	441.0	450.9	460.0	467.7
62.5°	357.2	372.8	388.5	403.1	416.9	429.9	442.0	453.1	462.8	471.7	480.6
65°	365.6	382.0	397.7	412.5	427.1	440.7	452.8	463.8	473.6	482.8	492.3
67.5°	373.1	389.8	405.8	421.6	436.3	449.8	462.1	473.1	483.7	493.6	502.6
70°	379.9	397.0	413.6	430.1	444.2	457.8	470.2	481.4	492.3	502.9	512.8
72.5°	386.3	404.1	421.2	437.6	451.3	465.9	478.2	489.8	500.7	511.1	520.8
75°	391.9	409.8	427.1	443.5	457.8	471.8	484.5	497.1	508.0	518.1	528.1
77.5°	396.6	414.2	431.0	447.6	462.5	476.3	489.8	502.6	514.1	524.7	533.8
80°	399.0	417.2	434.8	451.2	466.1	480.3	493.3	506.3	518.4	529.1	538.5
82.5°	401.3	419.7	438.4	453.7	469.2	484.0	496.3	509.0	521.1	532.3	542.3
85°	403.7	421.8	440.6	455.7	470.9	485.3	498.4	511.2	522.8	534.4	544.6
87.5°	404.7	423.1	441.7	457.1	471.8	486.4	500.1	513.1	524.1	535.2	545.1
90°	404.1	423.1	441.1	457.1	471.1	487.1	500.1	513.1	524.1	536.1	545.1
92.5°	404.7	423.1	441.7	457.1	471.8	486.4	500.1	513.1	524.1	535.2	545.1
95°	403.7	421.8	440.6	455.7	470.9	485.3	498.4	511.2	522.8	534.4	544.6
97.5°	401.3	419.7	438.4	453.7	469.2	484.0	496.3	509.0	521.1	532.3	542.3
100°	399.0	417.2	434.8	451.2	466.1	480.3	493.3	506.3	518.4	529.1	538.5
102.5°	396.6	414.2	431.0	447.6	462.5	476.3	489.8	502.6	514.1	524.7	533.8
105°	391.9	409.8	427.1	443.5	457.8	471.8	484.5	497.1	508.0	518.1	528.1
107.5°	386.3	404.1	421.2	437.6	451.3	465.9	478.2	489.8	500.7	511.1	520.8
110°	379.9	397.0	413.6	430.1	444.2	457.8	470.2	481.4	492.3	502.9	512.8



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	373.1	389.8	405.8	421.6	436.3	449.8	462.1	473.1	483.7	493.6	502.6
115°	365.6	382.0	397.7	412.5	427.1	440.7	452.8	463.8	473.6	482.8	492.3
117.5°	357.2	372.8	388.5	403.1	416.9	429.9	442.0	453.1	462.8	471.7	480.6
120°	347.8	363.1	378.2	392.4	405.6	418.1	430.1	441.0	450.9	460.0	467.7
122.5°	337.4	352.5	367.0	380.9	393.9	405.9	417.3	428.1	437.8	446.6	454.4
125°	325.8	341.3	355.5	368.2	381.1	393.3	403.9	414.0	423.5	432.5	440.0
127.5°	313.0	328.0	341.5	354.6	368.0	378.9	389.5	400.0	408.4	416.8	424.5
130°	300.2	314.2	328.0	340.3	352.2	363.7	373.9	383.5	393.6	400.7	407.6
132.5°	286.7	299.8	313.7	326.2	336.7	347.6	357.9	366.4	375.1	382.8	389.5
135°	272.7	285.3	297.6	309.7	320.3	330.6	340.6	349.9	357.6	364.8	370.6
137.5°	257.6	270.5	281.8	292.6	303.1	312.9	321.9	330.9	340.1	345.9	352.2
140°	241.7	254.2	265.6	275.8	285.6	295.2	303.7	311.2	318.6	325.3	331.2
142.5°	225.3	236.5	247.7	258.0	267.2	275.8	284.0	291.7	298.2	305.1	309.7
145°	208.0	218.7	228.9	238.5	247.3	255.3	263.0	270.3	277.3	283.2	288.2
147.5°	190.9	200.5	209.9	218.6	226.8	234.5	241.8	248.4	254.4	260.2	265.5
150°	173.9	182.7	191.0	198.8	206.1	213.3	220.3	227.1	232.4	237.3	242.4
152.5°	155.9	163.8	171.3	178.6	185.3	191.5	198.6	204.0	209.6	214.5	218.6
155°	137.7	144.6	151.9	157.7	164.2	170.3	176.0	181.5	186.7	191.4	195.1
157.5°	119.5	125.9	131.8	137.5	143.2	148.4	153.5	158.2	162.6	166.7	170.4
160°	101.4	106.9	111.9	116.7	121.6	126.5	130.8	134.8	138.6	142.0	145.2
162.5°	84.2	89.4	93.1	97.2	101.2	105.1	108.8	112.2	115.2	117.9	120.4
165°	66.5	70.3	73.9	77.1	80.2	83.5	86.7	89.8	92.8	95.4	97.7
167.5°	50.3	53.0	55.5	58.3	61.0	63.6	66.0	68.3	70.4	72.5	74.5
170°	35.3	37.4	39.5	41.4	43.1	44.8	46.2	47.8	49.5	51.0	52.4
172.5°	22.6	23.7	24.7	25.6	26.6	27.8	28.8	30.1	31.2	32.3	33.3
175°	11.2	12.1	12.9	13.7	14.4	15.1	15.7	16.3	16.8	17.3	17.7
177.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.6	6.5	6.4	6.3	6.2
5°	18.0	18.3	18.6	18.7	18.9	18.9	19.0	18.9	19.2	18.9	18.6
7.5°	34.2	34.9	35.6	36.2	36.7	37.1	37.4	37.6	37.7	38.2	37.8
10°	53.6	55.1	56.4	57.6	58.5	59.3	60.0	60.4	60.7	61.6	61.1
12.5°	76.2	77.7	78.9	79.9	81.2	82.2	83.0	83.5	83.9	84.0	84.3
15°	99.7	101.6	103.2	104.7	105.9	107.1	108.2	108.9	109.3	109.5	109.9
17.5°	123.1	125.7	127.8	129.6	130.9	131.9	132.9	134.3	135.4	136.3	137.6
20°	148.0	150.7	153.0	155.0	156.6	157.7	158.5	159.4	160.4	161.0	161.8
22.5°	173.7	176.5	178.8	180.9	182.7	184.0	184.9	185.4	186.4	187.0	188.1
25°	198.4	201.4	204.0	206.1	208.2	209.9	211.1	211.8	212.5	213.7	214.3
27.5°	222.3	225.7	228.7	231.2	232.9	234.9	236.4	237.3	237.7	238.4	238.5
30°	245.8	249.1	252.3	255.0	257.4	259.2	260.9	262.0	262.4	263.1	264.0
32.5°	269.7	273.3	276.5	279.9	282.1	283.6	284.7	285.7	286.1	286.1	287.1
35°	292.6	296.7	300.4	303.5	305.7	307.2	308.2	309.0	309.1	308.5	309.2
37.5°	314.5	318.6	322.3	325.3	327.7	329.7	331.0	331.4	331.5	331.0	331.2
40°	336.2	340.1	343.5	347.0	349.9	351.8	352.5	352.6	353.0	353.1	353.5
42.5°	357.0	360.7	364.5	367.8	370.3	371.8	372.8	373.3	373.5	373.2	372.4
45°	375.6	380.4	384.8	387.9	390.3	392.6	392.7	393.4	393.3	392.8	391.5
47.5°	395.5	400.0	403.5	407.1	409.7	411.5	412.3	412.4	411.9	411.1	409.9
50°	413.8	418.6	422.7	426.5	428.4	429.8	430.5	430.5	430.2	429.9	429.8
52.5°	430.8	436.1	440.0	443.2	445.9	447.8	448.8	448.3	448.0	447.5	447.4
55°	447.0	451.8	456.0	460.2	463.0	464.9	465.4	465.3	464.8	463.0	463.1
57.5°	461.0	467.3	472.8	476.3	479.6	481.4	481.9	481.8	480.9	479.8	479.1
60°	475.3	482.2	487.0	491.2	494.7	496.5	497.1	497.0	495.7	494.5	493.5
62.5°	488.6	494.0	499.7	504.9	508.5	510.4	511.5	511.2	509.4	507.8	506.8
65°	499.6	506.4	512.8	517.4	521.3	523.6	524.4	524.8	522.7	521.4	520.2
67.5°	510.5	517.7	523.8	528.4	532.5	535.1	536.3	536.8	535.2	533.5	532.0
70°	520.5	527.5	533.6	538.1	541.9	544.9	547.0	547.7	546.2	543.7	542.1
72.5°	529.0	535.7	542.0	546.8	550.9	554.1	555.6	556.7	555.2	553.1	551.2
75°	536.3	543.3	549.2	554.3	558.7	561.1	562.9	564.0	564.3	562.0	560.0
77.5°	542.3	549.7	555.6	560.4	564.6	567.2	568.8	570.6	570.8	570.0	567.5
80°	547.0	554.5	560.7	565.4	569.6	572.9	573.7	574.8	575.7	575.4	573.8
82.5°	551.1	558.3	564.2	569.1	572.8	575.6	577.4	578.8	578.7	578.6	579.0
85°	552.9	559.9	566.0	571.9	575.4	578.0	579.5	580.6	580.8	580.5	580.3
87.5°	554.1	560.8	566.8	572.1	575.4	577.6	579.9	581.0	580.9	580.3	580.3
90°	554.1	560.1	566.1	572.1	575.1	577.1	579.1	579.1	579.1	578.1	576.1
92.5°	554.1	560.8	566.8	572.1	575.4	577.6	579.9	581.0	580.9	580.3	580.3
95°	552.9	559.9	566.0	571.9	575.4	578.0	579.5	580.6	580.8	580.5	580.3
97.5°	551.1	558.3	564.2	569.1	572.8	575.6	577.4	578.8	578.7	578.6	579.0
100°	547.0	554.5	560.7	565.4	569.6	572.9	573.7	574.8	575.7	575.4	573.8
102.5°	542.3	549.7	555.6	560.4	564.6	567.2	568.8	570.6	570.8	570.0	567.5
105°	536.3	543.3	549.2	554.3	558.7	561.1	562.9	564.0	564.3	562.0	560.0
107.5°	529.0	535.7	542.0	546.8	550.9	554.1	555.6	556.7	555.2	553.1	551.2
110°	520.5	527.5	533.6	538.1	541.9	544.9	547.0	547.7	546.2	543.7	542.1



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	510.5	517.7	523.8	528.4	532.5	535.1	536.3	536.8	535.2	533.5	532.0
115°	499.6	506.4	512.8	517.4	521.3	523.6	524.4	524.8	522.7	521.4	520.2
117.5°	488.6	494.0	499.7	504.9	508.5	510.4	511.5	511.2	509.4	507.8	506.8
120°	475.3	482.2	487.0	491.2	494.7	496.5	497.1	497.0	495.7	494.5	493.5
122.5°	461.0	467.3	472.8	476.3	479.6	481.4	481.9	481.8	480.9	479.8	479.1
125°	447.0	451.8	456.0	460.2	463.0	464.9	465.4	465.3	464.8	463.0	463.1
127.5°	430.8	436.1	440.0	443.2	445.9	447.8	448.8	448.3	448.0	447.5	447.4
130°	413.8	418.6	422.7	426.5	428.4	429.8	430.5	430.5	430.2	429.9	429.8
132.5°	395.5	400.0	403.5	407.1	409.7	411.5	412.3	412.4	411.9	411.1	409.9
135°	375.6	380.4	384.8	387.9	390.3	392.6	392.7	393.4	393.3	392.8	391.5
137.5°	357.0	360.7	364.5	367.8	370.3	371.8	372.8	373.3	373.5	373.2	372.4
140°	336.2	340.1	343.5	347.0	349.9	351.8	352.5	352.6	353.0	353.1	353.5
142.5°	314.5	318.6	322.3	325.3	327.7	329.7	331.0	331.4	331.5	331.0	331.2
145°	292.6	296.7	300.4	303.5	305.7	307.2	308.2	309.0	309.1	308.5	309.2
147.5°	269.7	273.3	276.5	279.9	282.1	283.6	284.7	285.7	286.1	286.1	287.1
150°	245.8	249.1	252.3	255.0	257.4	259.2	260.9	262.0	262.4	263.1	264.0
152.5°	222.3	225.7	228.7	231.2	232.9	234.9	236.4	237.3	237.7	238.4	238.5
155°	198.4	201.4	204.0	206.1	208.2	209.9	211.1	211.8	212.5	213.7	214.3
157.5°	173.7	176.5	178.8	180.9	182.7	184.0	184.9	185.4	186.4	187.0	188.1
160°	148.0	150.7	153.0	155.0	156.6	157.7	158.5	159.4	160.4	161.0	161.8
162.5°	123.1	125.7	127.8	129.6	130.9	131.9	132.9	134.3	135.4	136.3	137.6
165°	99.7	101.6	103.2	104.7	105.9	107.1	108.2	108.9	109.3	109.5	109.9
167.5°	76.2	77.7	78.9	79.9	81.2	82.2	83.0	83.5	83.9	84.0	84.3
170°	53.6	55.1	56.4	57.6	58.5	59.3	60.0	60.4	60.7	61.6	61.1
172.5°	34.2	34.9	35.6	36.2	36.7	37.1	37.4	37.6	37.7	38.2	37.8
175°	18.0	18.3	18.6	18.7	18.9	18.9	19.0	18.9	19.2	18.9	18.6
177.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.6	6.5	6.4	6.3	6.2
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: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	6.1	6.0
5°	18.3	18.0
7.5°	37.4	37.0
10°	60.5	60.0
12.5°	83.7	83.0
15°	108.9	108.0
17.5°	137.3	137.0
20°	160.9	160.0
22.5°	187.0	186.0
25°	214.7	214.0
27.5°	238.3	237.0
30°	264.7	264.1
32.5°	287.7	287.1
35°	309.8	309.1
37.5°	331.9	331.1
40°	355.1	355.1
42.5°	373.0	372.1
45°	394.1	395.1
47.5°	410.6	410.1
50°	430.7	430.1
52.5°	448.1	448.1
55°	464.1	464.1
57.5°	479.1	479.1
60°	494.2	495.1
62.5°	507.5	508.1
65°	520.6	522.1
67.5°	531.7	533.1
70°	541.5	543.1
72.5°	551.4	553.1
75°	558.7	561.1
77.5°	565.7	569.1
80°	571.3	574.1
82.5°	576.1	579.1
85°	580.5	582.1
87.5°	581.7	584.1
90°	576.1	581.1
92.5°	581.7	584.1
95°	580.5	582.1
97.5°	576.1	579.1
100°	571.3	574.1
102.5°	565.7	569.1
105°	558.7	561.1
107.5°	551.4	553.1
110°	541.5	543.1



TEST NUMBER: P232038

CATALOG NUMBER: FVS4WM-3-LD4-40-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	531.7	533.1
115°	520.6	522.1
117.5°	507.5	508.1
120°	494.2	495.1
122.5°	479.1	479.1
125°	464.1	464.1
127.5°	448.1	448.1
130°	430.7	430.1
132.5°	410.6	410.1
135°	394.1	395.1
137.5°	373.0	372.1
140°	355.1	355.1
142.5°	331.9	331.1
145°	309.8	309.1
147.5°	287.7	287.1
150°	264.7	264.1
152.5°	238.3	237.0
155°	214.7	214.0
157.5°	187.0	186.0
160°	160.9	160.0
162.5°	137.3	137.0
165°	108.9	108.0
167.5°	83.7	83.0
170°	60.5	60.0
172.5°	37.4	37.0
175°	18.3	18.0
177.5°	6.1	6.0
180°	0.0	0.0

(END OF REPORT)